SDG COVER PAGE

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

Lab Code: ACE Case No.: 51495 MA No.: 3221.2 SDG No.: MYD589

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYD581	P2818-01		X		
MYD581D	P2818-02		X		
MYD581S	P2818-03		X		
MYD589	P2818-04		X		
MYD590	P2818-05		X		
MYD591	P2818-06		X		
MYD592	P2818-07		X		
MYD593	P2818-08		X		
MYD594	P2818-09		X		
MYD595	P2818-10		X		
MYD596	P2818-11		X		
MYD597	P2818-12		X		
MYD598	P2818-13		X		
MYD5A0	P2818-14		X		
MYD5A1	P2818-15		X		
MYD5A2	P2818-16		X		
MYD5A3	P2818-17		X		
MYD5A4	P2818-18		X		
MYD5A5	P2818-19		X		
MYD5A6	P2818-20		X		
MYD5A7	P2818-21		X		
MYD5A8	P2818-22		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: _____

68HERH20D0011

SDG # MYD581 & MYD589

USEPA CLP COC (LAB COPY)

DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 4280 7110

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-064

No: 9-060624-113946-0064

Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

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Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2708-A-003-01	MYD580	Soil/ REAC	Grab	ICP-AES 11(21)	9-3708 (None) (1)	2708-A-003	06/05/2024 10:01	
2753-C-0002-03	MYD581	Soil/ REAC	Grab	ICP-AES 11(21)	9-3709 (None) (1)	2753-C-0002	06/05/2024 09:15	Cooler 1 -
2753-A-0002-01	MYD582	Soil/ REAC	Grab	ICP-AES 11(21)	9-3710 (None) (1)	2753-A-0002	06/05/2024 08:53	
2753-B-0006-01	MYD583	Soil/ REAC	Grab	ICP-AES 11(21)	9-3711 (None) (1)	2753-B-0006	06/05/2024 08:58	
2753-B-0003-01	MYD584	Soil/ REAC	Grab	ICP-AES 11(21)	9-3712 (None) (1)	2753-B-0003	06/05/2024 09:00	
2753-B-0001-01	MYD585	Soil/ REAC	Grab	ICP-AES 11(21)	9-3713 (None) (1)	2753-B-0001	06/05/2024 09:06	
2753-B-0005-01	MYD586	Soil/ REAC	Grab	ICP-AES 11(21)	9-3714 (None) (1)	2753-B-0005	06/05/2024 09:08	
2753-B-0005-02	MYD587	Soil/ REAC	Grab	ICP-AES 11(21)	9-3715 (None) (1)	2753-B-0005	06/05/2024 09:09	
2753-B-0004-01	MYD588	Soil/ REAC	Grab	ICP-AES 11(21)	9-3716 (None) (1)	2753-B-0004	06/05/2024 08:56	
2753-C-0001-01	MYD589	Soil/ REAC	Grab	ICP-AES 11(21)	9-3717 (None) (1)	2753-C-0001	06/05/2024 09:12	2
2753-A-0003-01	MYD590	Soil/ REAC	Grab	ICP-AES 11(21)	9-3718 (None) (1)	2753-A-0003	06/05/2024 08:36	3
2753-C-0004-01	MYD591	Soil/ REAC	Grab	ICP-AES 11(21)	9-3719 (None) (1)	2753-C-0004	06/05/2024 09:18	4
2753-C-S0001-01	MYD592	Soil/ REAC	Grab	ICP-AES 11(21)	9-3720 (None) (1)	2753-C-S0001	06/05/2024 09:21	5
2753-C-0003-01	MYD593	Soil/ REAC	Grab	ICP-AES 11(21)	9-3721 (None) (1)	2753-C-0003	06/05/2024 09:24	6
2753-A-0006-01	MYD594	Soil/ REAC	Grab	ICP-AES 11(21)	9-3722 (None) (1)	2753-A-0006	06/05/2024 08:47	7
2753-A-0004-01	MYD595	Soil/ REAC	Grab	ICP-AES 11(21)	9-3723 (None) (1)	2753-A-0004	06/05/2024 08:43	8
2753-A-0005-01	MYD596	Soil/ REAC	Grab	ICP-AES 11(21)	9-3724 (None) (1)	2753-A-0005	06/05/2024 08:40	9
2753-A-0001-01	MYD597	Soil/ REAC	Grab	ICP-AES 11(21)	9-3725 (None) (1)	2753-A-0001	06/05/2024 08:42	10
2753-B-0002-01	MYD598	Soil/ REAC	Grab	ICP-AES 11(21)	9-3726 (None) (1)	2753-B-0002	06/05/2024 09:10	11

Sample(s) to be used for Lab QC: 2753-C-0002-03 Tag 9-3709 - 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 Cuyarro Weston	6/7/2024 15:00		6-10-24 0854	20.6°C IR GUN #1 custody seals intact No Temp BKL.

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

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-065

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

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Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
180-A-S001-01	MYD5A0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3728 (None) (1)	180-A-S001	06/06/2024 12:48	12
180-A-002-01	MYD5A1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3729 (None) (1)	180-A-002	06/06/2024 12:46	13
180-A-004-01	MYD5A2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3730 (None) (1)	180-A-004	06/06/2024 12:30	14
180-A-001-01	MYD5A3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3731 (None) (1)	180-A-001	06/06/2024 12:27	15
180-A-003-01	MYD5A4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3732 (None) (1)	180-A-003	06/06/2024 12:25	16
1903-F-0002-01	MYD5A5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3733 (None) (1)	1903-F-0002	06/06/2024 10:20	17
1903-C-0001-01	MYD5A6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3734 (None) (1)	1903-C-0001	06/06/2024 10:14	18
1903-D-0004-01	MYD5A7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3735 (None) (1)	1903-D-0004	06/06/2024 10:24	19
1903-B-S0001-02	MYD5A8	Soil/ ERT	Grab	ICP-AES 11(21)	9-3736 (None) (1)	1903-B-S0001	06/06/2024 10:23	20
1903-D-0001-02	MYD5A9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3737 (None) (1)	1903-D-0001	06/06/2024 10:23	
1903-A-0004-01	MYD5B0	Soil/ ERT	Grab	ICP-AES 11(21)	9-3738 (None) (1)	1903-A-0004	06/06/2024 10:23	
1903-F-0004-01	MYD5B1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3739 (None) (1)	1903-F-0004	06/06/2024 10:23	
1903-D-0003-01	MYD5B2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3740 (None) (1)	1903-D-0003	06/06/2024 10:25	
1903-C-0006-03	MYD5B3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3741 (None) (1)	1903-C-0006	06/06/2024 10:21	
1903-F-0003-01	MYD5B4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3742 (None) (1)	1903-F-0003	06/06/2024 10:25	
1903-B-S0001-01	MYD5B5	Soil/ ERT	Grab	ICP-AES 11(21)	9-3743 (None) (1)	1903-B-S0001	06/06/2024 10:19	
1903-C-0005-01	MYD5B6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3744 (None) (1)	1903-C-0005	06/06/2024 10:19	
1903-F-0001-01	MYD5B7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3745 (None) (1)	1903-F-0001	06/06/2024 10:18	
1903-A-0001-02	MYD5B8	Soil/ ERT	Grab	ICP-AES 11(21)	9-3746 (None) (1)	1903-A-0001	06/06/2024 10:18	

Sample(s) to be used for Lab QC: 1903-C-0006-03 Tag 9-3741 - 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 Cuyeme WESTON	6/7/2024 15:00		6-10-24 0854	23.2°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 2
Received By (Print Name)		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD581 & MYD589	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.	776742807110 1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	20.6 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	06/10/2024
12.Time Received	08:54

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding		Remarks: Condition of Sample Shipment, etc.
			Sample Tag #	Assigned Lab #	
1	MYD581	N/A	9-3709	P2818-01	Intact
2	MYD581D	N/A	9-3709	P2818-02	Intact
3	MYD581S	N/A	9-3709	P2818-03	Intact
4	MYD589	N/A	9-3717	P2818-04	Intact
5	MYD590	N/A	9-3718	P2818-05	Intact
6	MYD591	N/A	9-3719	P2818-06	Intact
7	MYD592	N/A	9-3720	P2818-07	Intact
8	MYD593	N/A	9-3721	P2818-08	Intact
9	MYD594	N/A	9-3722	P2818-09	Intact
10	MYD595	N/A	9-3723	P2818-10	Intact
11	MYD596	N/A	9-3724	P2818-11	Intact
12	MYD597	N/A	9-3725	P2818-12	Intact
13	MYD598	N/A	9-3726	P2818-13	Intact
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	6/11/24	Logbook Page No.	N/A

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 2 of 2
Received By (Print Name) Casanova Reia		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD581 & MYD589	MA No. 3208.0 & 3221.2

Remarks:	
1. Custody Seal (s)	Present, Intact
2. Custody Seal Nos.	n/a
3. Traffic Reports/Chain Of Custody Records	Present
4. Airbill	Present
5. Airbill No. and Shipping Container ID No.	776762456715 2
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	23.2 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	06/10/2024
12.Time Received	08:54

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	~~MYD598~~	~~N/A~~	~~9-3726~~	~~P2818-13~~	~~Intact~~
2	MYD5A0	N/A	9-3728	P2818-14	Intact
3	MYD5A1	N/A	9-3729	P2818-15	Intact
4	MYD5A2	N/A	9-3730	P2818-16	Intact
5	MYD5A3	N/A	9-3731	P2818-17	Intact
6	MYD5A4	N/A	9-3732	P2818-18	Intact
7	MYD5A5	N/A	9-3733	P2818-19	Intact
8	MYD5A6	N/A	9-3734	P2818-20	Intact
9	MYD5A7	N/A	9-3735	P2818-21	Intact
10	MYD5A8	N/A	9-3736	P2818-22	Intact
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	6/11/24	Logbook Page No.	N/A

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

LAB NAME	**Alliance Technical Group, LLC**		
LAB CODE	**ACE**		
CONTRACT NO.	**68HERH20D0011**		
CASE NO.	**51495**	SDG NO.	**MYD589**
MA NO.	**3221.2**	SOW NO.	**SFAM01.1**

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

	PAGE NOs: FROM	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	5	✓	
4 . CSF Inventory Sheet (DC-2)	6	8	✓	
5 . SDG Narrative	9	13	✓	
6 . Communication Logs	14	17	✓	
7 . Percent Solids Log	18	20	✓	
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	21	40	✓	
18 . Instrument raw data by instrument in analysis order	41	916	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	917	1053	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1054	1055	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1056	1065	✓	
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 2)	1066	1067	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1068	1070	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1071	1072	✓	
47. Other Records and related Communication Logs (describe or list)				
	NA	NA	✓	

48. Comments:

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

284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MYD589
CASE # 51495
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID # P2818
MODIFIED ANALYSIS#3221.2

A. Number of Samples and Date of Receipt

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

B. Parameters

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

C. Cooler Temp

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

Cooler: 20.6^{o}C, 23.2^{o}C

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

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

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

E. Corrective Action taken for above:

Resolution 1: To maintain COC integrity, ASB requests no changes to the Sample IDs. The laboratory will note the issue in the SDG Narrative and proceed with the analysis of the samples.

Resolution 2: Per Region 9, Case 51495 is for metals. There are no rinsates in those cooler so they don't require ice. The laboratory should note the issue in the SDG narrative and proceed with the analysis of the samples.

F. Analytical Techniques:

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

G. Calculation:

Calculation for ICP-MS Soil Sample:

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

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

Where,

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

Example Calculation For Sample MYD581 For Antimony:

If C = 2.37 ppb
Vf = 500 ml
W = 1.44 g
S = 0.953(95.3/100)
DF = 1

$$\text{Concentration (mg/kg)} = 2.37 \times \frac{500}{1.44 \times 0.953} \times 1 / 1000$$

$$= 0.8635 \text{ mg/kg}$$

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

H. QA/ QC

Calibrations met requirements. Interference check met requirements. Blank analyses did not indicate any presence of contamination. Laboratory Control sample was within control limits. Spike sample (MYD581SRE) did meet Requirements except for Lead. Spike sample (MYD581S) did meet

284 Sheffield Street
Mountainside, NJ 07092

Requirements except for Zinc. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

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

Internal Standard Association for ICP-MS analysis.

Target Analyte	Associated Internal Standard
Antimony	159Tb
Arsenic	89Y
Barium	159Tb
Beryllium	6Li
Cadmium	159Tb
Chromium	45Sc
Cobalt	45Sc
Copper	45Sc
Lead	209Bi
Nickel	45Sc
Selenium	89Y
Silver	159Tb
Thallium	209Bi
Vanadium	45Sc
Zinc	45Sc

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

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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

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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
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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: 6/12/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 12:50
In Date: 06/11/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:28
Out Date: 06/12/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB131171

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
P2818-01	MYD581	1	1.16	8.54	9.7	9.3	95.3	
P2818-02	MYD581D	2	1.16	8.54	9.7	9.3	95.3	
P2818-03	MYD581S	3	1.16	8.54	9.7	9.3	95.3	
P2818-04	MYD589	4	1.16	8.44	9.6	9.29	96.3	
P2818-05	MYD590	5	1.18	8.46	9.64	9.52	98.6	
P2818-06	MYD591	6	1.18	8.41	9.59	9.28	96.3	
P2818-07	MYD592	7	1.16	8.52	9.68	9.26	95.1	
P2818-08	MYD593	8	1.19	8.48	9.67	9.41	96.9	
P2818-09	MYD594	9	1.17	8.67	9.84	9.3	93.8	
P2818-10	MYD595	10	1.18	8.56	9.74	9.00	91.4	
P2818-11	MYD596	11	1.17	8.41	9.58	9.41	98.0	
P2818-12	MYD597	12	1.16	8.82	9.98	9.77	97.6	
P2818-13	MYD598	13	1.15	8.57	9.72	9.32	95.3	
P2818-14	MYD5A0	14	1.17	8.61	9.78	9.63	98.3	
P2818-15	MYD5A1	15	1.17	8.38	9.55	9.28	96.8	
P2818-16	MYD5A2	16	1.15	8.39	9.54	9.36	97.9	
P2818-17	MYD5A3	17	1.18	8.60	9.78	9.66	98.6	
P2818-18	MYD5A4	18	1.16	8.82	9.98	9.81	98.1	
P2818-19	MYD5A5	19	1.18	8.48	9.66	9.48	97.9	
P2818-20	MYD5A6	20	1.17	8.38	9.55	9.42	98.4	
P2818-21	MYD5A7	21	1.18	8.36	9.54	9.29	97.0	
P2818-22	MYD5A8	22	1.17	8.57	9.74	9.44	96.5	

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

WORKLIST(Hardcopy Internal Chain)

WB131171

WorkList Name : %1-p2818 **WorkList ID :** 180969 **Department :** Wet-Chemistry **Date :** 06-11-2024 09:02:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2818-01	MYD581	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-02	MYD581D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-03	MYD581S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-04	MYD589	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-05	MYD590	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-06	MYD591	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-07	MYD592	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-08	MYD593	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-09	MYD594	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-10	MYD595	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-11	MYD596	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-12	MYD597	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-13	MYD598	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-14	MYD5A0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2818-15	MYD5A1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2818-16	MYD5A2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2818-17	MYD5A3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2818-18	MYD5A4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2818-19	MYD5A5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2818-20	MYD5A6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2818-21	MYD5A7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO

19

Date/Time 06.11.24 12:20

Raw Sample Received by: JD CSM

Raw Sample Relinquished by: JD CSM

Date/Time 06.11.24 13:00

Raw Sample Received by: JD CSM

Raw Sample Relinquished by: JD CSM

WORKLIST(Hardcopy Internal Chain)

WB13117)

WorkList Name : %1-p2818 **WorkList ID :** 180969 **Department :** Wet-Chemistry **Date :** 06-11-2024 09:02:55

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2818-22	MYD5A8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO

20

Date/Time 06-11-24 12:20

Raw Sample Received by: JD (WC)

Raw Sample Relinquished by: JD (SM)

Date/Time 06-11-24 13:00

Raw Sample Received by: JD (SM)

Raw Sample Relinquished by: JD (WC)

EPA SAMPLE NO.

MYD581

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-01

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.86		10/11/2024	2107
7440-38-2	Arsenic	58		10/11/2024	2107
7440-39-3	Barium	260	D	10/11/2024	2123
7440-41-7	Beryllium	1.1		10/11/2024	2107
7440-43-9	Cadmium	2.5		10/11/2024	2107
7440-47-3	Chromium	39		10/11/2024	2107
7440-48-4	Cobalt	22	D	10/11/2024	2123
7440-50-8	Copper	330		10/11/2024	2107
7439-92-1	Lead	96	*	10/11/2024	2107
7440-02-0	Nickel	34	D	10/11/2024	2123
7782-49-2	Selenium	1.1	J	10/11/2024	2107
7440-22-4	Silver	1.1		10/11/2024	2107
7440-28-0	Thallium	0.24	J	10/11/2024	2107
7440-62-2	Vanadium	76	D	10/11/2024	2123
7440-66-6	Zinc	260	*	10/11/2024	2107

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

Comments:

EPA SAMPLE NO.

MYD589

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-04

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.76		10/11/2024	2140
7440-38-2	Arsenic	26		10/11/2024	2140
7440-39-3	Barium	150		10/11/2024	2140
7440-41-7	Beryllium	0.68		10/11/2024	2140
7440-43-9	Cadmium	0.89		10/11/2024	2140
7440-47-3	Chromium	25		10/11/2024	2140
7440-48-4	Cobalt	14		10/11/2024	2140
7440-50-8	Copper	110		10/11/2024	2140
7439-92-1	Lead	56	*	10/11/2024	2140
7440-02-0	Nickel	23		10/11/2024	2140
7782-49-2	Selenium	0.60	J	10/11/2024	2140
7440-22-4	Silver	0.39		10/11/2024	2140
7440-28-0	Thallium	0.12	J	10/11/2024	2140
7440-62-2	Vanadium	47		10/11/2024	2140
7440-66-6	Zinc	190	*	10/11/2024	2140

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

Comments:

EPA SAMPLE NO.

MYD590

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-05

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.60	J	10/11/2024	2143
7440-38-2	Arsenic	18		10/11/2024	2143
7440-39-3	Barium	120		10/11/2024	2143
7440-41-7	Beryllium	0.54		10/11/2024	2143
7440-43-9	Cadmium	0.50		10/11/2024	2143
7440-47-3	Chromium	23		10/11/2024	2143
7440-48-4	Cobalt	10		10/11/2024	2143
7440-50-8	Copper	97		10/11/2024	2143
7439-92-1	Lead	34	*	10/11/2024	2143
7440-02-0	Nickel	22		10/11/2024	2143
7782-49-2	Selenium	2.0	U	10/11/2024	2143
7440-22-4	Silver	0.20	J	10/11/2024	2143
7440-28-0	Thallium	0.077	J	10/11/2024	2143
7440-62-2	Vanadium	35		10/11/2024	2143
7440-66-6	Zinc	120	*	10/11/2024	2143

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

Comments:

EPA SAMPLE NO.

MYD591

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-06

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.68	J	10/11/2024	2146
7440-38-2	Arsenic	36		10/11/2024	2146
7440-39-3	Barium	210		10/11/2024	2146
7440-41-7	Beryllium	0.78		10/11/2024	2146
7440-43-9	Cadmium	1.0		10/11/2024	2146
7440-47-3	Chromium	33		10/11/2024	2146
7440-48-4	Cobalt	17		10/11/2024	2146
7440-50-8	Copper	160		10/11/2024	2146
7439-92-1	Lead	40	*	10/11/2024	2146
7440-02-0	Nickel	26		10/11/2024	2146
7782-49-2	Selenium	0.47	J	10/11/2024	2146
7440-22-4	Silver	0.43		10/11/2024	2146
7440-28-0	Thallium	0.15	J	10/11/2024	2146
7440-62-2	Vanadium	58		10/11/2024	2146
7440-66-6	Zinc	160	*	10/11/2024	2146

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

Comments:

EPA SAMPLE NO.

MYD592

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-07

% Solids: 95.1 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.93		10/11/2024	2150
7440-38-2	Arsenic	36		10/11/2024	2150
7440-39-3	Barium	180		10/11/2024	2150
7440-41-7	Beryllium	0.73		10/11/2024	2150
7440-43-9	Cadmium	1.5		10/11/2024	2150
7440-47-3	Chromium	27		10/11/2024	2150
7440-48-4	Cobalt	15		10/11/2024	2150
7440-50-8	Copper	240		10/11/2024	2150
7439-92-1	Lead	65	*	10/11/2024	2150
7440-02-0	Nickel	23		10/11/2024	2150
7782-49-2	Selenium	0.67	J	10/11/2024	2150
7440-22-4	Silver	0.65		10/11/2024	2150
7440-28-0	Thallium	0.14	J	10/11/2024	2150
7440-62-2	Vanadium	49		10/11/2024	2150
7440-66-6	Zinc	210	*	10/11/2024	2150

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

Comments:

EPA SAMPLE NO.

MYD593

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-08

% Solids: 96.9 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	3.7		10/11/2024	2153
7440-38-2	Arsenic	43		10/11/2024	2153
7440-39-3	Barium	270		10/11/2024	2153
7440-41-7	Beryllium	0.70		10/11/2024	2153
7440-43-9	Cadmium	1.3		10/11/2024	2153
7440-47-3	Chromium	33		10/11/2024	2153
7440-48-4	Cobalt	20		10/11/2024	2153
7440-50-8	Copper	250		10/11/2024	2153
7439-92-1	Lead	46	*	10/11/2024	2153
7440-02-0	Nickel	27		10/11/2024	2153
7782-49-2	Selenium	0.60	J	10/11/2024	2153
7440-22-4	Silver	0.47		10/11/2024	2153
7440-28-0	Thallium	0.14	J	10/11/2024	2153
7440-62-2	Vanadium	61		10/11/2024	2153
7440-66-6	Zinc	280	*	10/11/2024	2153

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

Comments:

EPA SAMPLE NO.

MYD594

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-09

% Solids: 93.8 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.78	J	10/11/2024	2156
7440-38-2	Arsenic	26		10/11/2024	2156
7440-39-3	Barium	150		10/11/2024	2156
7440-41-7	Beryllium	0.61		10/11/2024	2156
7440-43-9	Cadmium	0.84		10/11/2024	2156
7440-47-3	Chromium	29		10/11/2024	2156
7440-48-4	Cobalt	13		10/11/2024	2156
7440-50-8	Copper	110		10/11/2024	2156
7439-92-1	Lead	54	*	10/11/2024	2156
7440-02-0	Nickel	24		10/11/2024	2156
7782-49-2	Selenium	0.47	J	10/11/2024	2156
7440-22-4	Silver	0.34	J	10/11/2024	2156
7440-28-0	Thallium	0.096	J	10/11/2024	2156
7440-62-2	Vanadium	48		10/11/2024	2156
7440-66-6	Zinc	190	*	10/11/2024	2156

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

Comments:

EPA SAMPLE NO.

MYD595

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-10

% Solids: 91.4 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.52	J	10/11/2024	2159
7440-38-2	Arsenic	24		10/11/2024	2159
7440-39-3	Barium	160		10/11/2024	2159
7440-41-7	Beryllium	0.77		10/11/2024	2159
7440-43-9	Cadmium	0.83		10/11/2024	2159
7440-47-3	Chromium	30		10/11/2024	2159
7440-48-4	Cobalt	17		10/11/2024	2159
7440-50-8	Copper	80		10/11/2024	2159
7439-92-1	Lead	40	*	10/11/2024	2159
7440-02-0	Nickel	25		10/11/2024	2159
7782-49-2	Selenium	0.81	J	10/11/2024	2159
7440-22-4	Silver	0.29	J	10/11/2024	2159
7440-28-0	Thallium	0.12	J	10/11/2024	2159
7440-62-2	Vanadium	56		10/11/2024	2159
7440-66-6	Zinc	140	*	10/11/2024	2159

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

Comments:

EPA SAMPLE NO.

MYD596

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-11

% Solids: 98 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.17	J	10/11/2024	2203
7440-38-2	Arsenic	5.5		10/11/2024	2203
7440-39-3	Barium	69		10/11/2024	2203
7440-41-7	Beryllium	0.42		10/11/2024	2203
7440-43-9	Cadmium	0.16	J	10/11/2024	2203
7440-47-3	Chromium	19		10/11/2024	2203
7440-48-4	Cobalt	6.8		10/11/2024	2203
7440-50-8	Copper	19		10/11/2024	2203
7439-92-1	Lead	5.8	*	10/11/2024	2203
7440-02-0	Nickel	20		10/11/2024	2203
7782-49-2	Selenium	1.9	U	10/11/2024	2203
7440-22-4	Silver	0.046	J	10/11/2024	2203
7440-28-0	Thallium	0.057	J	10/11/2024	2203
7440-62-2	Vanadium	22		10/11/2024	2203
7440-66-6	Zinc	47	*	10/11/2024	2203

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

Comments:

EPA SAMPLE NO.

MYD597

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-12

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.13	J	10/11/2024	2206
7440-38-2	Arsenic	4.9		10/11/2024	2206
7440-39-3	Barium	76		10/11/2024	2206
7440-41-7	Beryllium	0.43		10/11/2024	2206
7440-43-9	Cadmium	0.082	J	10/11/2024	2206
7440-47-3	Chromium	22		10/11/2024	2206
7440-48-4	Cobalt	8.0		10/11/2024	2206
7440-50-8	Copper	18		10/11/2024	2206
7439-92-1	Lead	4.9	*	10/11/2024	2206
7440-02-0	Nickel	22		10/11/2024	2206
7782-49-2	Selenium	1.8	U	10/11/2024	2206
7440-22-4	Silver	0.036	J	10/11/2024	2206
7440-28-0	Thallium	0.071	J	10/11/2024	2206
7440-62-2	Vanadium	23		10/11/2024	2206
7440-66-6	Zinc	44	*	10/11/2024	2206

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

Comments:

EPA SAMPLE NO.

MYD598

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-13

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.78	J	10/11/2024	2209
7440-38-2	Arsenic	36		10/11/2024	2209
7440-39-3	Barium	160		10/11/2024	2209
7440-41-7	Beryllium	0.60		10/11/2024	2209
7440-43-9	Cadmium	0.82		10/11/2024	2209
7440-47-3	Chromium	25		10/11/2024	2209
7440-48-4	Cobalt	13		10/11/2024	2209
7440-50-8	Copper	90		10/11/2024	2209
7439-92-1	Lead	57	*	10/11/2024	2209
7440-02-0	Nickel	22		10/11/2024	2209
7782-49-2	Selenium	0.45	J	10/11/2024	2209
7440-22-4	Silver	0.40	J	10/11/2024	2209
7440-28-0	Thallium	0.098	J	10/11/2024	2209
7440-62-2	Vanadium	44		10/11/2024	2209
7440-66-6	Zinc	190	*	10/11/2024	2209

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

Comments:

EPA SAMPLE NO.

MYD5A0

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-14

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1		10/11/2024	2212
7440-38-2	Arsenic	28		10/11/2024	2212
7440-39-3	Barium	140		10/11/2024	2212
7440-41-7	Beryllium	0.59		10/11/2024	2212
7440-43-9	Cadmium	1.4		10/11/2024	2212
7440-47-3	Chromium	18		10/11/2024	2212
7440-48-4	Cobalt	12		10/11/2024	2212
7440-50-8	Copper	130		10/11/2024	2212
7439-92-1	Lead	110	*	10/11/2024	2212
7440-02-0	Nickel	17		10/11/2024	2212
7782-49-2	Selenium	0.81	J	10/11/2024	2212
7440-22-4	Silver	0.76		10/11/2024	2212
7440-28-0	Thallium	0.11	J	10/11/2024	2212
7440-62-2	Vanadium	36		10/11/2024	2212
7440-66-6	Zinc	350	*	10/11/2024	2212

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

Comments:

EPA SAMPLE NO.

MYD5A1

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-15

% Solids: 96.8 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.4		10/11/2024	2216
7440-38-2	Arsenic	26		10/11/2024	2216
7440-39-3	Barium	160		10/11/2024	2216
7440-41-7	Beryllium	0.65		10/11/2024	2216
7440-43-9	Cadmium	1.1		10/11/2024	2216
7440-47-3	Chromium	18		10/11/2024	2216
7440-48-4	Cobalt	10		10/11/2024	2216
7440-50-8	Copper	130		10/11/2024	2216
7439-92-1	Lead	120	*	10/11/2024	2216
7440-02-0	Nickel	17		10/11/2024	2216
7782-49-2	Selenium	0.83	J	10/11/2024	2216
7440-22-4	Silver	0.77		10/11/2024	2216
7440-28-0	Thallium	0.091	J	10/11/2024	2216
7440-62-2	Vanadium	36		10/11/2024	2216
7440-66-6	Zinc	390	*	10/11/2024	2216

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

Comments:

EPA SAMPLE NO.

MYD5A2

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-16

% Solids: 97.9 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.76	J	10/11/2024	2219
7440-38-2	Arsenic	20		10/11/2024	2219
7440-39-3	Barium	110		10/11/2024	2219
7440-41-7	Beryllium	0.50		10/11/2024	2219
7440-43-9	Cadmium	0.69		10/11/2024	2219
7440-47-3	Chromium	21		10/11/2024	2219
7440-48-4	Cobalt	12		10/11/2024	2219
7440-50-8	Copper	85		10/11/2024	2219
7439-92-1	Lead	64	*	10/11/2024	2219
7440-02-0	Nickel	19		10/11/2024	2219
7782-49-2	Selenium	0.63	J	10/11/2024	2219
7440-22-4	Silver	0.44		10/11/2024	2219
7440-28-0	Thallium	0.069	J	10/11/2024	2219
7440-62-2	Vanadium	49		10/11/2024	2219
7440-66-6	Zinc	160	*	10/11/2024	2219

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

Comments:

EPA SAMPLE NO.

MYD5A3

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-17

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.81		10/11/2024	2222
7440-38-2	Arsenic	22		10/11/2024	2222
7440-39-3	Barium	93		10/11/2024	2222
7440-41-7	Beryllium	0.43		10/11/2024	2222
7440-43-9	Cadmium	0.61		10/11/2024	2222
7440-47-3	Chromium	19		10/11/2024	2222
7440-48-4	Cobalt	12		10/11/2024	2222
7440-50-8	Copper	79		10/11/2024	2222
7439-92-1	Lead	45	*	10/11/2024	2222
7440-02-0	Nickel	17		10/11/2024	2222
7782-49-2	Selenium	0.34	J	10/11/2024	2222
7440-22-4	Silver	0.28	J	10/11/2024	2222
7440-28-0	Thallium	0.061	J	10/11/2024	2222
7440-62-2	Vanadium	42		10/11/2024	2222
7440-66-6	Zinc	130	*	10/11/2024	2222

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

Comments:

EPA SAMPLE NO.

MYD5A4

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-18

% Solids: 98.1 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		10/11/2024	2225
7440-38-2	Arsenic	29		10/11/2024	2225
7440-39-3	Barium	140		10/11/2024	2225
7440-41-7	Beryllium	0.55		10/11/2024	2225
7440-43-9	Cadmium	1.0		10/11/2024	2225
7440-47-3	Chromium	22		10/11/2024	2225
7440-48-4	Cobalt	11		10/11/2024	2225
7440-50-8	Copper	110		10/11/2024	2225
7439-92-1	Lead	110	*	10/11/2024	2225
7440-02-0	Nickel	19		10/11/2024	2225
7782-49-2	Selenium	0.63	J	10/11/2024	2225
7440-22-4	Silver	0.78		10/11/2024	2225
7440-28-0	Thallium	0.092	J	10/11/2024	2225
7440-62-2	Vanadium	52		10/11/2024	2225
7440-66-6	Zinc	240	*	10/11/2024	2225

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

Comments:

EPA SAMPLE NO.

MYD5A5

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-19

% Solids: 97.9 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.56	J	10/11/2024	2235
7440-38-2	Arsenic	110		10/11/2024	2235
7440-39-3	Barium	180		10/11/2024	2235
7440-41-7	Beryllium	0.68		10/11/2024	2235
7440-43-9	Cadmium	0.22	J	10/11/2024	2235
7440-47-3	Chromium	61		10/11/2024	2235
7440-48-4	Cobalt	28		10/11/2024	2235
7440-50-8	Copper	66		10/11/2024	2235
7439-92-1	Lead	8.2	*	10/11/2024	2235
7440-02-0	Nickel	53		10/11/2024	2235
7782-49-2	Selenium	2.1	U	10/11/2024	2235
7440-22-4	Silver	0.066	J	10/11/2024	2235
7440-28-0	Thallium	0.12	J	10/11/2024	2235
7440-62-2	Vanadium	120		10/11/2024	2235
7440-66-6	Zinc	81	*	10/11/2024	2235

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

Comments:

EPA SAMPLE NO.

MYD5A6

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-20

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.63	J	10/11/2024	2238
7440-38-2	Arsenic	190		10/11/2024	2238
7440-39-3	Barium	150		10/11/2024	2238
7440-41-7	Beryllium	0.55		10/11/2024	2238
7440-43-9	Cadmium	0.34	J	10/11/2024	2238
7440-47-3	Chromium	87		10/11/2024	2238
7440-48-4	Cobalt	28		10/11/2024	2238
7440-50-8	Copper	73		10/11/2024	2238
7439-92-1	Lead	11	*	10/11/2024	2238
7440-02-0	Nickel	55		10/11/2024	2238
7782-49-2	Selenium	0.24	J	10/11/2024	2238
7440-22-4	Silver	0.082	J	10/11/2024	2238
7440-28-0	Thallium	0.082	J	10/11/2024	2238
7440-62-2	Vanadium	120		10/11/2024	2238
7440-66-6	Zinc	94	*	10/11/2024	2238

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

Comments:

EPA SAMPLE NO.

MYD5A7

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-21

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.60	J	10/11/2024	2241
7440-38-2	Arsenic	59		10/11/2024	2241
7440-39-3	Barium	260		10/11/2024	2241
7440-41-7	Beryllium	0.84		10/11/2024	2241
7440-43-9	Cadmium	0.31	J	10/11/2024	2241
7440-47-3	Chromium	59		10/11/2024	2241
7440-48-4	Cobalt	31		10/11/2024	2241
7440-50-8	Copper	58		10/11/2024	2241
7439-92-1	Lead	11	*	10/11/2024	2241
7440-02-0	Nickel	57		10/11/2024	2241
7782-49-2	Selenium	2.0	U	10/11/2024	2241
7440-22-4	Silver	0.064	J	10/11/2024	2241
7440-28-0	Thallium	0.16	J	10/11/2024	2241
7440-62-2	Vanadium	93		10/11/2024	2241
7440-66-6	Zinc	85	*	10/11/2024	2241

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

Comments:

EPA SAMPLE NO.

MYD5A8

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.: MYD589

Matrix: SOIL Lab Sample ID: P2818-22

% Solids: 96.5 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.55	J	10/11/2024	2245
7440-38-2	Arsenic	72		10/11/2024	2245
7440-39-3	Barium	220		10/11/2024	2245
7440-41-7	Beryllium	0.84		10/11/2024	2245
7440-43-9	Cadmium	1.6		10/11/2024	2245
7440-47-3	Chromium	83		10/11/2024	2245
7440-48-4	Cobalt	29		10/11/2024	2245
7440-50-8	Copper	62		10/11/2024	2245
7439-92-1	Lead	11	*	10/11/2024	2245
7440-02-0	Nickel	69		10/11/2024	2245
7782-49-2	Selenium	2.0	U	10/11/2024	2245
7440-22-4	Silver	0.063	J	10/11/2024	2245
7440-28-0	Thallium	0.14	J	10/11/2024	2245
7440-62-2	Vanadium	110		10/11/2024	2245
7440-66-6	Zinc	91	*	10/11/2024	2245

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

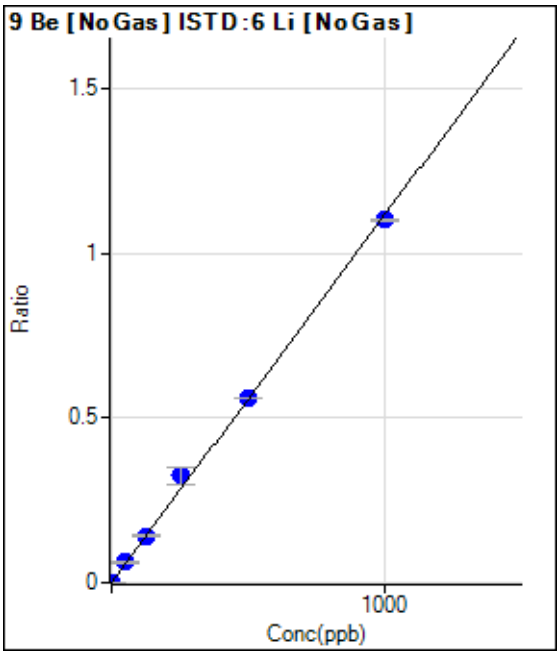
Comments:

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101124-MS3.b\
Analysis File: P7101124-MS3.batch.bin
DA Date-Time: 2024-10-12 18:31:14
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-11 16:24:43
2	005CALS.d	S02	2024-10-11 16:28:06
3	006CALS.d	S03	2024-10-11 16:31:27
4	007CALS.d	S04	2024-10-11 16:34:42
5	008CALS.d	S05	2024-10-11 16:37:44
6	009CALS.d	S06	2024-10-11 16:40:40
7	010CALS.d	S07	2024-10-11 16:43:31
8	011CALS.d	S08	2024-10-11 16:46:19

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.14	0.0001	P	13.9
2	☐	1.000	0.968	1148.48	0.0012	P	7.6
3	☐	50.000	54.997	56760.31	0.0613	P	6.8
4	☐	125.000	127.880	141316.66	0.1425	P	1.3
5	☐	250.000	291.422	276882.45	0.3247	P	16.8
6	☐	500.000	503.185	535687.97	0.5606	P	0.7
7	☐	1000.000	987.442	1035807.46	1.1001	P	0.9
8	☐			437.93	0.0005	P	7.7

y = 0.0011 * x + 7.6800E-005

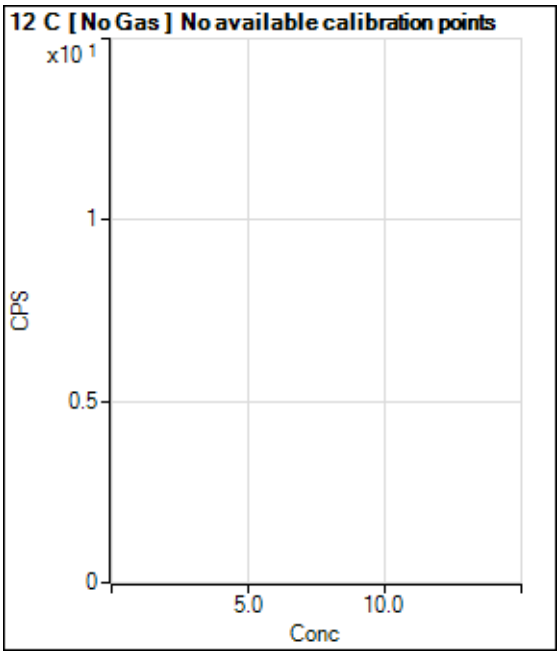
R = 0.9990

DL = 0.02868

BEC = 0.06894

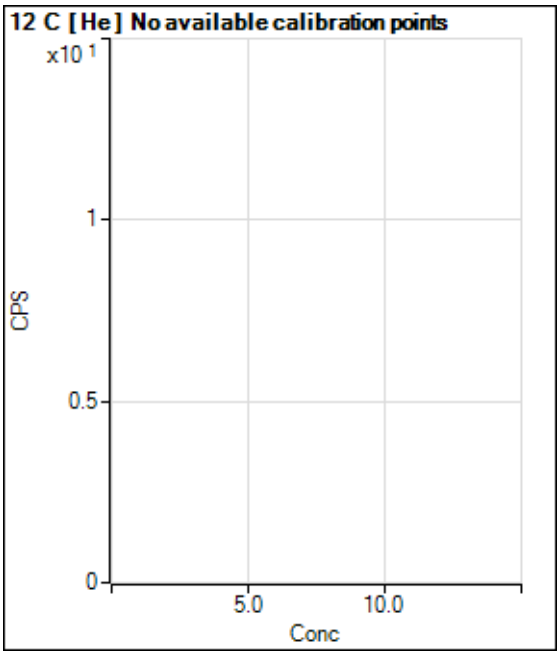
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Min Conc: 0

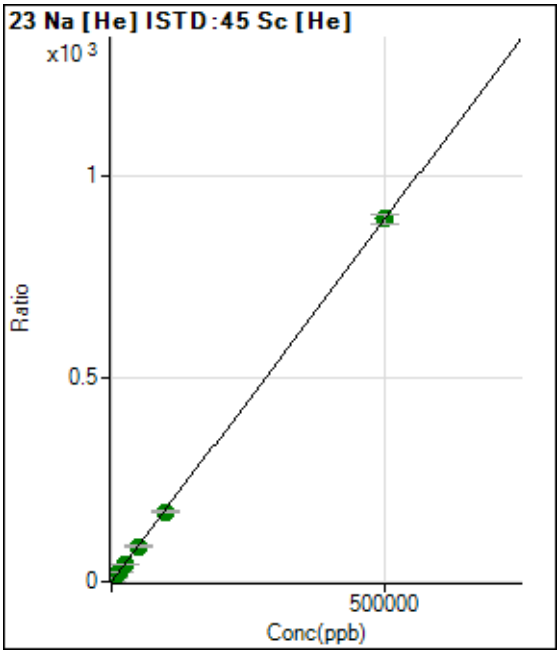


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7



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

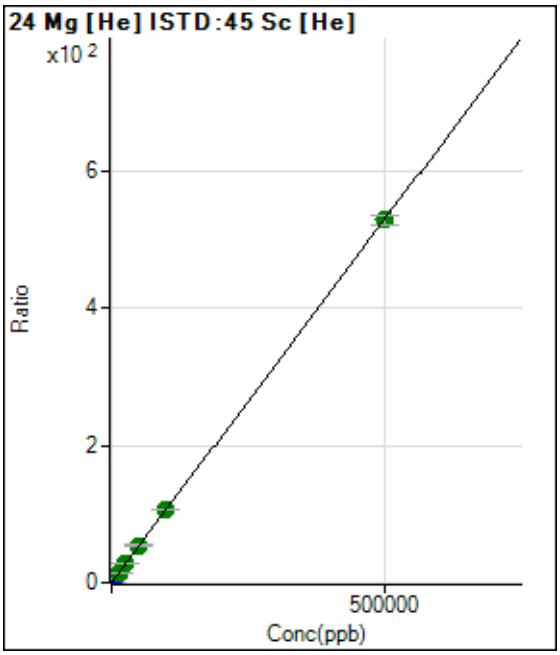


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6468.08	0.0358	P	3.8
2	☐	500.000	529.432	179343.20	0.9808	P	1.2
3	☐	5000.000	4823.933	1569176.28	8.6456	A	0.5
4	☐	12500.000	12155.126	3862002.62	21.7302	A	0.4
5	☐	25000.000	24565.456	7558527.11	43.8801	A	0.3
6	☐	50000.000	48554.020	14868645.89	86.6947	A	3.8
7	☐	100000.00	96588.970	29435373.45	172.4271	A	0.6
8	☐	500000.00	500858.88	150222098.8	893.9650	A	2.4

y = 0.0018 * x + 0.0358
R = 1.0000
DL = 2.288
BEC = 20.08

Weight: <None>
Min Conc: 0

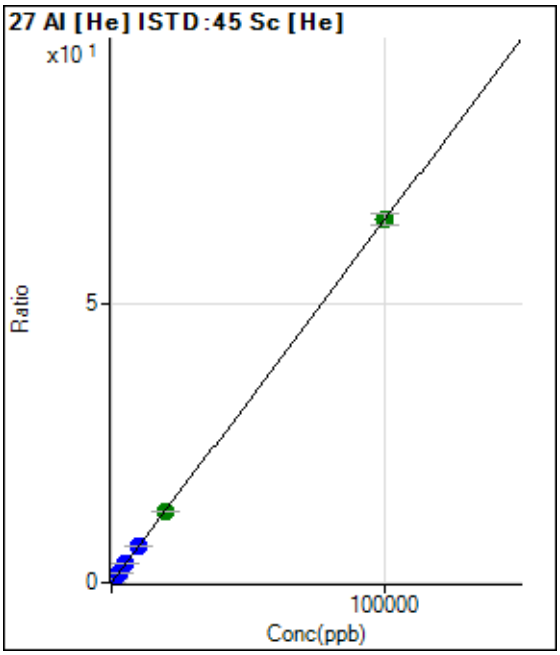
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On:10/18/2024 8:05:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1514.53	0.0084	P	3.2
2	☐	500.000	563.070	110553.22	0.6046	P	0.4
3	☐	5000.000	5286.519	1017467.36	5.6059	P	0.3
4	☐	12500.000	12795.722	2409317.88	13.5568	A	1.0
5	☐	25000.000	25699.576	4688601.18	27.2198	A	0.8
6	☐	50000.000	51159.899	9294253.12	54.1779	A	2.6
7	☐	100000.00	100826.32	18226181.26	106.7660	A	0.1
8	☐	500000.00	499673.44	88900786.45	529.0761	A	2.7

y = 0.0011 * x + 0.0084
R = 1.0000
DL = 0.7554
BEC = 7.926

Weight: <None>
Min Conc: 0

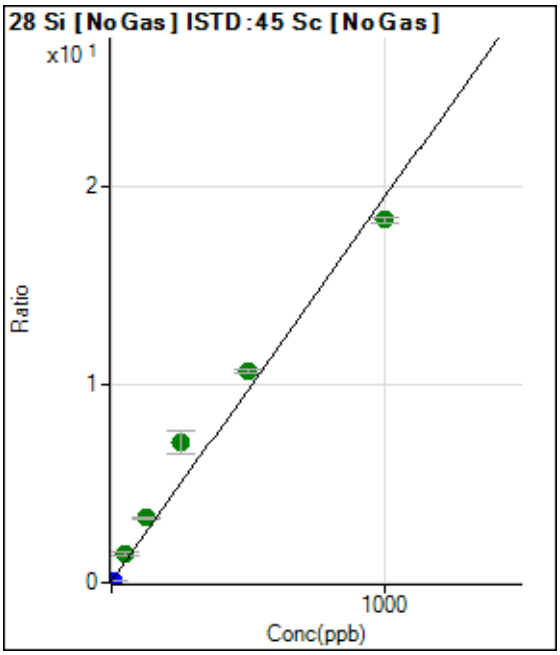


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.56	0.0005	P	16.0
2	☐	20.000	20.510	2526.90	0.0138	P	3.6
3	☐	1000.000	1015.056	119965.13	0.6610	P	0.1
4	☐	2500.000	2537.401	293509.53	1.6515	P	1.0
5	☐	5000.000	5131.518	575235.53	3.3395	P	0.5
6	☐	10000.000	10085.240	1125635.68	6.5629	P	3.5
7	☐	20000.000	19546.422	2171258.46	12.7192	A	1.2
8	☐	100000.00	100074.53	10940918.59	65.1182	A	3.2

y = 6.5069E-004 * x + 4.7398E-004
R = 1.0000
DL = 0.3506
BEC = 0.7284

Weight: <None>
Min Conc: 0

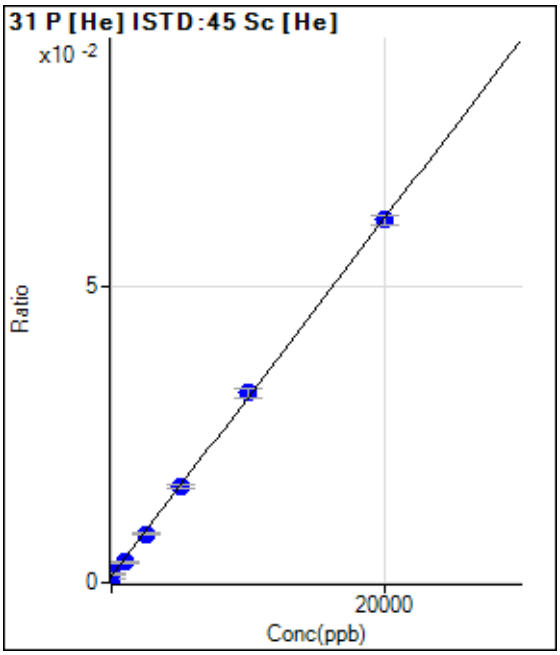
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On:10/18/2024 8:05:55 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	142258.64	0.0685	P	6.2
2	☐	10.000	0.318	158489.08	0.0747	P	1.0
3	☐	50.000	70.717	2891559.64	1.4401	A	9.9
4	☐	125.000	165.022	6792205.25	3.2692	A	0.9
5	☐	250.000	363.814	12386054.54	7.1250	A	16.7
6	☐	500.000	547.296	21063755.38	10.6838	A	1.4
7	☐	1000.000	941.957	36521032.23	18.3385	A	1.7
8	☐			418190.61	0.2175	P	14.8

y = 0.0194 * x + 0.0685
R = 0.9896
DL = 0.6595
BEC = 3.531

Weight: <None>
Min Conc: 0

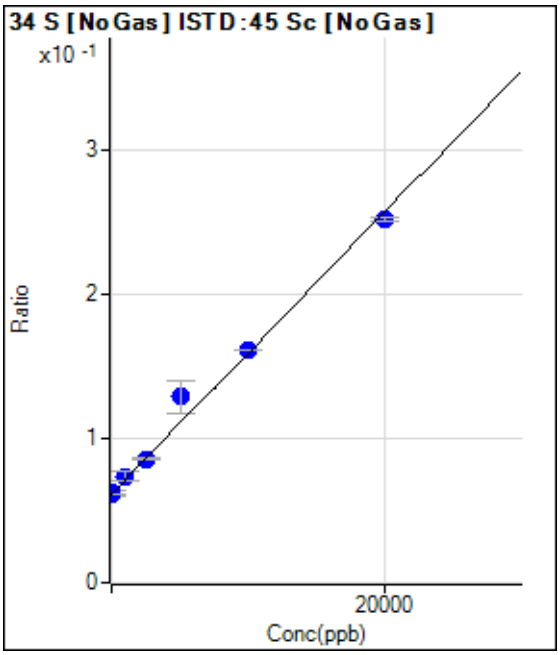


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-149.724	121.12	0.0007	P	3.3
2	☐	0.000	149.724	287.78	0.0016	P	14.7
3	☐	1000.000	798.765	641.13	0.0035	P	7.3
4	☐	2500.000	2339.487	1453.42	0.0082	P	2.3
5	☐	5000.000	4988.069	2784.72	0.0162	P	4.7
6	☐	10000.000	10236.008	5485.48	0.0320	P	4.4
7	☐	20000.000	19915.105	10442.53	0.0612	P	2.4
8	☐			144.45	0.0009	P	33.9

y = 3.0153E-006 * x + 0.0011
R = 0.9997
DL = 125.7
BEC = 372.3

Weight: <None>
Min Conc: 0

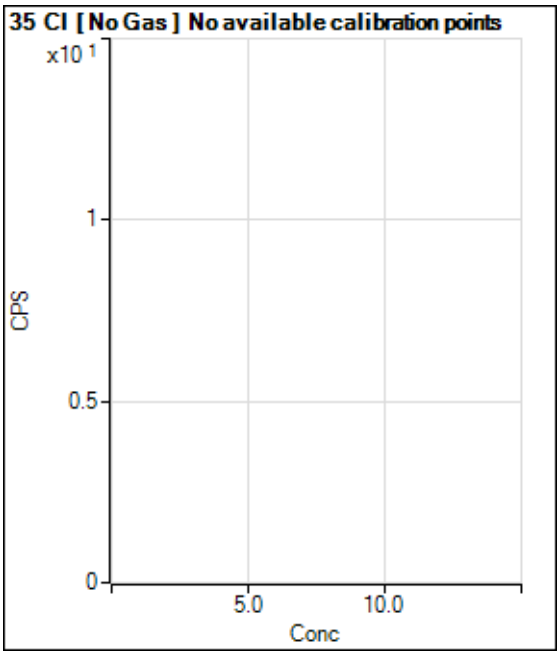
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On:10/18/2024 8:05:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	50.346	128811.91	0.0620	P	6.0
2	☐	0.000	-50.346	129557.79	0.0610	P	0.5
3	☐	1000.000	1257.302	148303.82	0.0738	P	8.6
4	☐	2500.000	2485.470	178270.52	0.0858	P	0.4
5	☐	5000.000	6881.618	223736.93	0.1287	P	17.0
6	☐	10000.000	10186.653	317497.70	0.1610	P	0.6
7	☐	20000.000	19425.220	500443.68	0.2513	P	1.1
8	☐			118520.74	0.0616	P	1.6

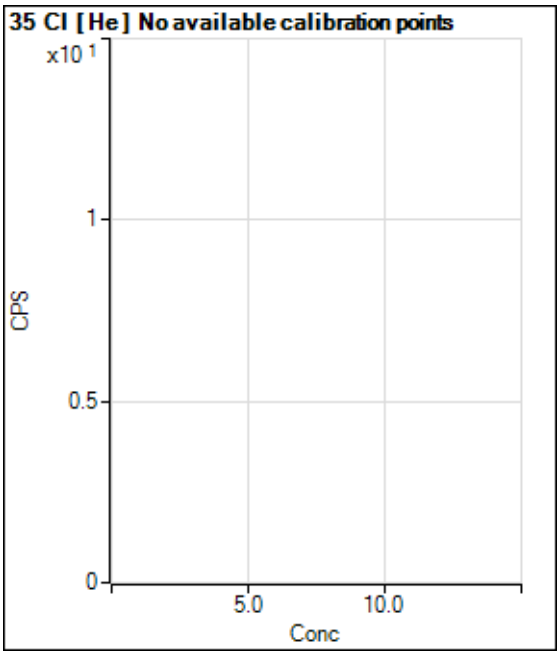
y = 9.7688E-006 * x + 0.0615
R = 0.9946
DL = 618.8
BEC = 6298

Weight: <None>
Min Conc: 0

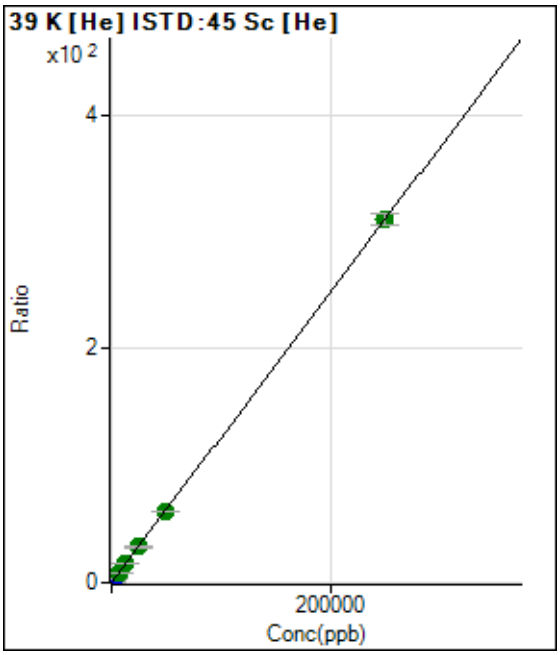


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

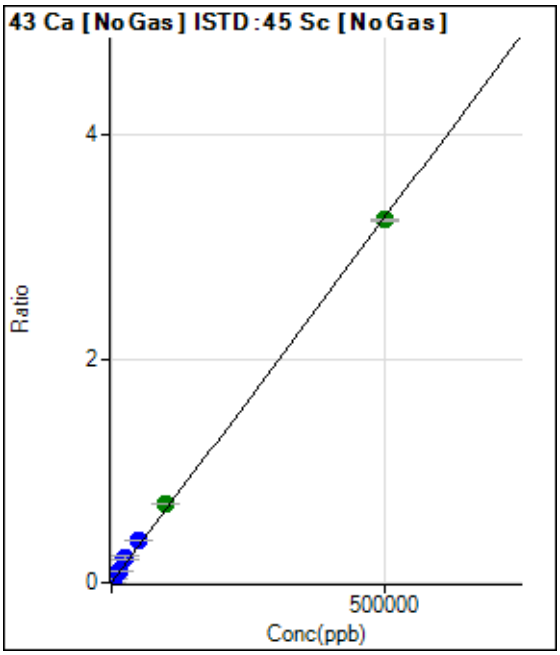


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33155.03	0.1837	P	0.9
2	☐	500.000	551.962	158712.70	0.8680	P	0.5
3	☐	2500.000	2648.982	629352.28	3.4675	P	0.5
4	☐	6250.000	6190.337	1396462.98	7.8576	A	2.0
5	☐	12500.000	12529.698	2707129.23	15.7162	A	1.0
6	☐	25000.000	24414.302	5221719.33	30.4491	A	4.2
7	☐	50000.000	48787.716	10355901.51	60.6638	A	0.7
8	☐	250000.00	250299.44	52164609.78	310.4692	A	3.1

y = 0.0012 * x + 0.1837
R = 1.0000
DL = 4.015
BEC = 148.2

Weight: <None>
Min Conc: 0

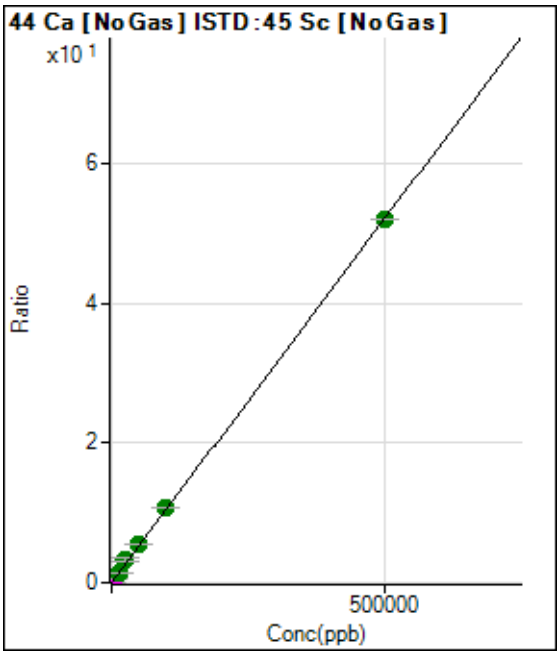
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Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	162.22	0.0001	P	19.9
2	☐	500.000	558.397	7889.89	0.0037	P	2.2
3	☐	5000.000	6134.474	80515.22	0.0401	P	8.0
4	☐	12500.000	14606.717	197931.30	0.0953	P	0.9
5	☐	25000.000	34125.122	386329.25	0.2225	P	17.7
6	☐	50000.000	58425.142	750864.41	0.3808	P	0.7
7	☐	100000.00	107841.72	1399797.86	0.7029	A	1.2
8	☐	500000.00	497068.81	6235018.03	3.2394	A	0.3

y = 6.5169E-006 * x + 7.7976E-005
R = 0.9997
DL = 7.144
BEC = 11.97

Weight: <None>
Min Conc: 0

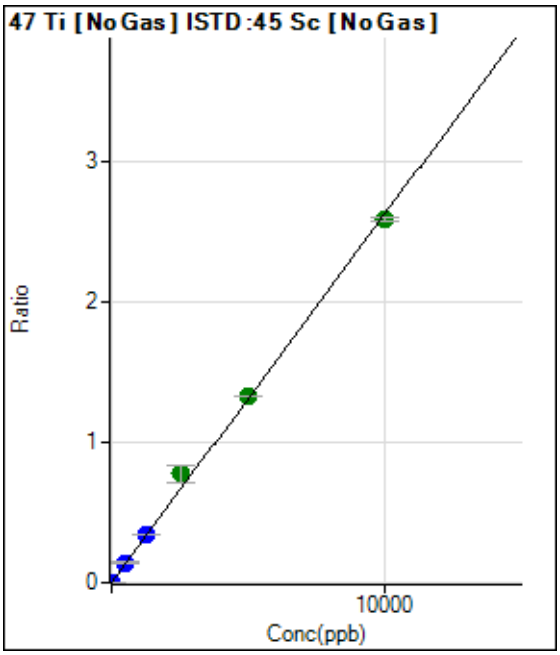


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2874.80	0.0014	P	2.4
2	☐	500.000	565.808	128053.48	0.0603	P	1.6
3	☐	5000.000	5781.521	1215977.94	0.6037	M	4.2
4	☐	12500.000	13144.956	2847968.12	1.3708	A	0.6
5	☐	25000.000	31009.350	5613069.29	3.2318	A	17.5
6	☐	50000.000	52915.930	10871724.42	5.5139	A	0.5
7	☐	100000.00	103653.47	21507609.68	10.7995	A	1.2
8	☐	500000.00	498653.23	99988992.95	51.9487	A	0.2

y = 1.0418E-004 * x + 0.0014
R = 0.9999
DL = 0.9741
BEC = 13.27

Weight: <None>
Min Conc: 0

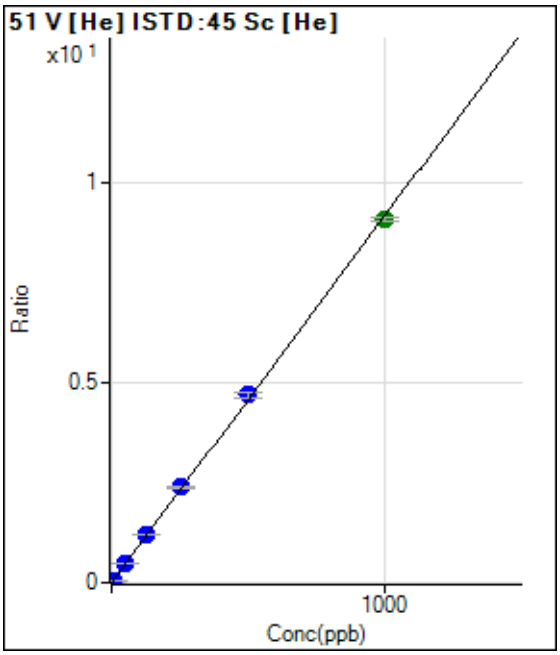
Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	17.2
2	☐	5.000	6.051	3475.99	0.0016	P	2.3
3	☐	500.000	542.095	286088.05	0.1424	P	8.9
4	☐	1250.000	1293.890	706033.52	0.3398	P	0.5
5	☐	2500.000	2952.492	1347035.31	0.7754	A	17.3
6	☐	5000.000	5051.913	2615766.96	1.3267	A	0.2
7	☐	10000.000	9853.329	5153175.45	2.5875	A	1.1
8	☐			1167.83	0.0006	P	7.0

y = 2.6260E-004 * x + 4.8341E-005
R = 0.9988
DL = 0.0951
BEC = 0.1841

Weight: <None>
Min Conc: 0

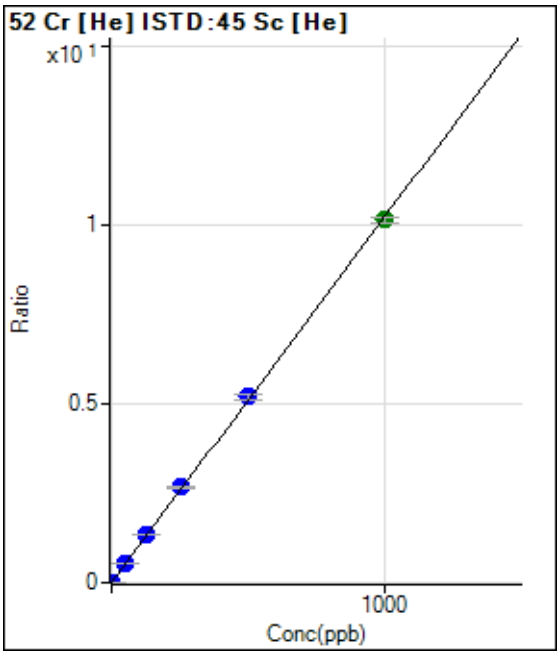


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	5.241	8801.52	0.0481	P	1.7
3	☐	50.000	51.276	85461.08	0.4709	P	0.4
4	☐	125.000	129.139	210749.33	1.1859	P	0.9
5	☐	250.000	259.750	410849.84	2.3852	P	0.9
6	☐	500.000	514.030	809661.12	4.7202	P	3.1
7	☐	1000.000	989.965	1551834.72	9.0905	A	1.0
8	☐			326.67	0.0019	P	11.2

y = 0.0092 * x + 6.1441E-006
R = 0.9998
DL = 0.003477
BEC = 0.0006691

Weight: <None>
Min Conc: 0

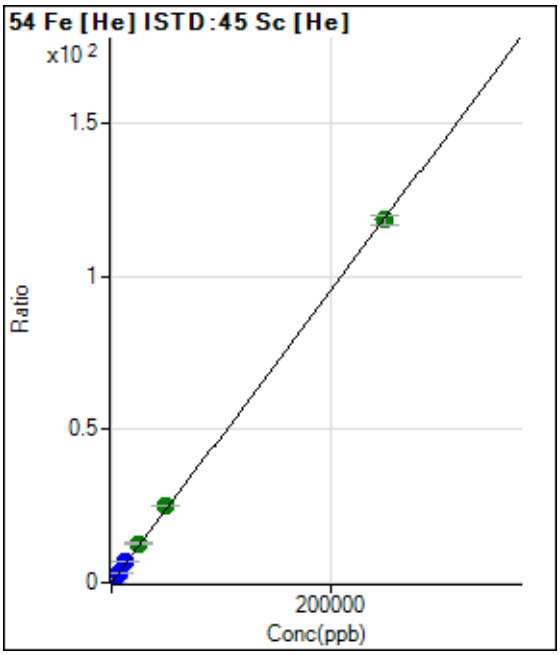
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	256.67	0.0014	P	8.3
2	☐	2.000	2.155	4285.10	0.0234	P	3.6
3	☐	50.000	51.543	95820.47	0.5279	P	0.6
4	☐	125.000	129.511	235365.27	1.3244	P	1.0
5	☐	250.000	260.738	459027.80	2.6649	P	0.4
6	☐	500.000	508.078	890421.84	5.1914	P	3.5
7	☐	1000.000	992.635	1731183.34	10.1412	A	1.3
8	☐			6285.81	0.0374	P	5.0

y = 0.0102 * x + 0.0014
R = 0.9999
DL = 0.03484
BEC = 0.1392

Weight: <None>
Min Conc: 0

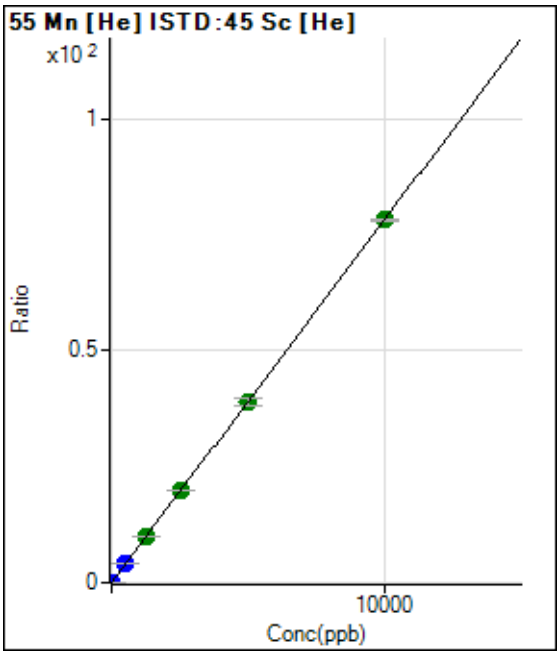


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1101.16	0.0061	P	4.0
2	☐	50.000	58.646	6213.55	0.0340	P	1.2
3	☐	2500.000	2819.099	244341.26	1.3462	P	0.1
4	☐	6250.000	7100.711	600978.00	3.3816	P	0.7
5	☐	12500.000	14224.073	1165757.05	6.7678	P	0.7
6	☐	25000.000	26643.209	2173592.83	12.6715	A	3.2
7	☐	50000.000	52791.791	4285157.23	25.1018	A	0.6
8	☐	250000.00	249166.65	19904131.09	118.4528	A	2.5

y = 4.7537E-004 * x + 0.0061
R = 0.9999
DL = 1.53
BEC = 12.84

Weight: <None>
Min Conc: 0

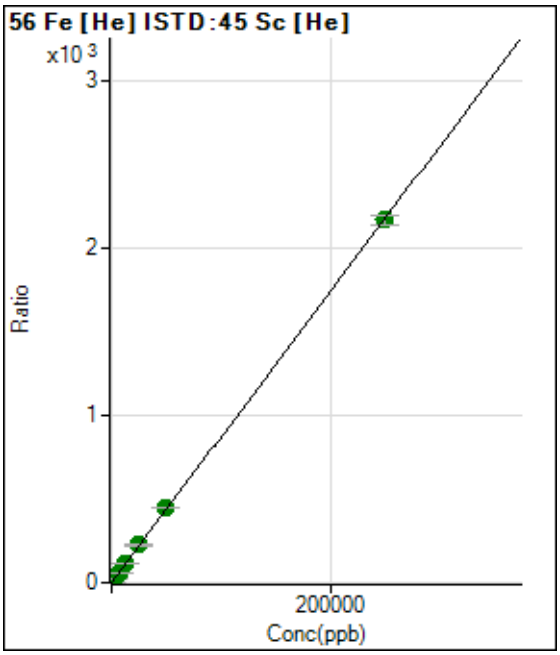
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	440.01	0.0024	P	15.6
2	☐	1.000	1.162	2107.95	0.0115	P	2.5
3	☐	500.000	516.035	733324.31	4.0403	P	0.1
4	☐	1250.000	1264.285	1758555.96	9.8953	A	1.6
5	☐	2500.000	2535.598	3417987.06	19.8431	A	0.6
6	☐	5000.000	4979.096	6682561.01	38.9630	A	3.7
7	☐	10000.000	9998.965	13356934.66	78.2427	A	0.3
8	☐			6352.52	0.0378	P	4.6

y = 0.0078 * x + 0.0024
R = 1.0000
DL = 0.1457
BEC = 0.3117

Weight: <None>
Min Conc: 0

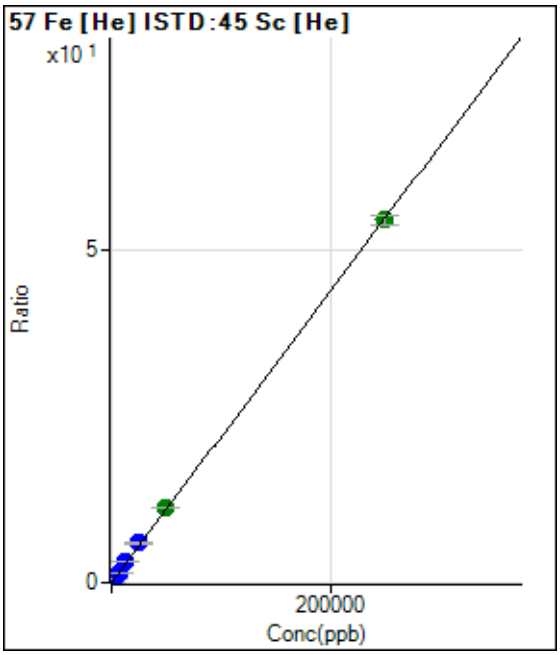


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7720.93	0.0428	P	1.5
2	☐	50.000	58.953	101536.48	0.5553	P	1.3
3	☐	2500.000	2588.296	4091714.28	22.5436	A	0.3
4	☐	6250.000	6567.431	10154097.97	57.1353	A	0.8
5	☐	12500.000	13187.320	19754173.32	114.6839	A	0.9
6	☐	25000.000	25814.710	38495519.70	224.4573	A	3.8
7	☐	50000.000	51390.414	76273508.31	446.7941	A	0.4
8	☐	250000.00	249597.26	364595510.1	2,169.862	A	2.7

y = 0.0087 * x + 0.0428
R = 1.0000
DL = 0.2229
BEC = 4.921

Weight: <None>
Min Conc: 0

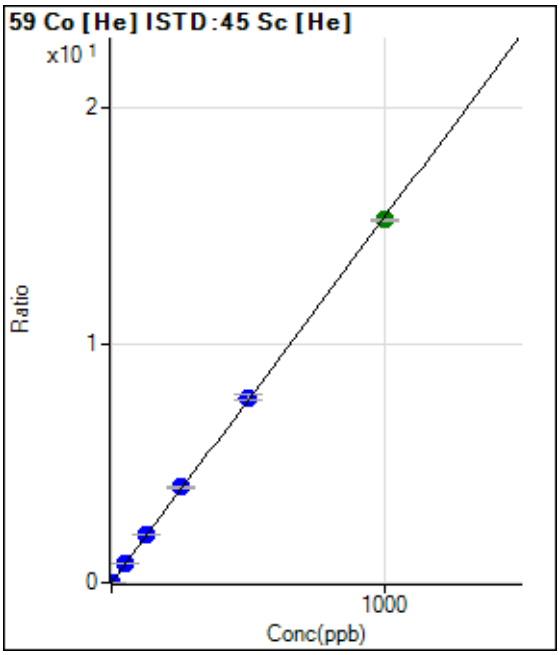
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	642.24	0.0036	P	4.0
2	☐	50.000	59.359	3020.33	0.0165	P	2.6
3	☐	2500.000	2760.100	110009.90	0.6061	P	1.2
4	☐	6250.000	6971.600	271129.35	1.5256	P	0.6
5	☐	12500.000	13982.146	526419.83	3.0561	P	0.3
6	☐	25000.000	27400.814	1026654.19	5.9856	P	3.4
7	☐	50000.000	51370.502	1915124.57	11.2186	A	0.8
8	☐	250000.00	249391.06	9148642.57	54.4496	A	3.0

y = 2.1832E-004 * x + 0.0036
R = 0.9999
DL = 1.952
BEC = 16.3

Weight: <None>
Min Conc: 0

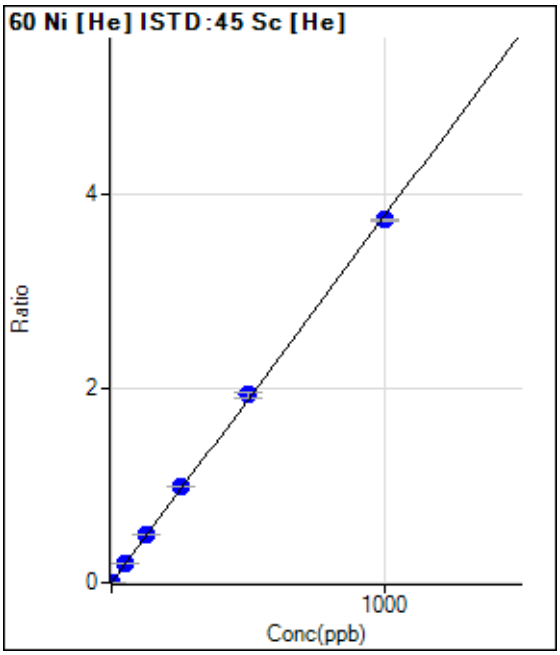


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0006	P	21.8
2	☐	1.000	1.122	3264.83	0.0179	P	2.7
3	☐	50.000	51.897	144933.98	0.7985	P	0.7
4	☐	125.000	130.512	356739.97	2.0073	P	0.4
5	☐	250.000	260.484	689982.32	4.0056	P	0.3
6	☐	500.000	507.382	1338212.55	7.8018	P	3.3
7	☐	1000.000	992.904	2606251.85	15.2669	A	0.6
8	☐			6956.12	0.0414	P	2.1

y = 0.0154 * x + 5.9709E-004
R = 0.9999
DL = 0.02539
BEC = 0.03883

Weight: <None>
Min Conc: 0

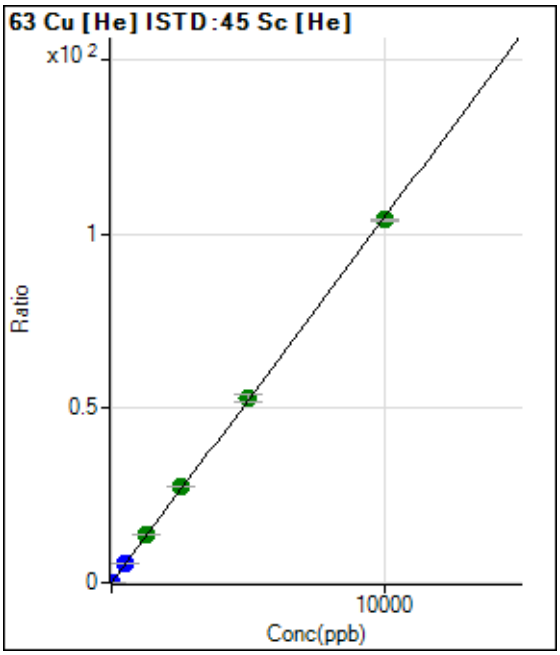
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0004	P	30.8
2	☐	1.000	1.019	785.58	0.0043	P	7.4
3	☐	50.000	52.488	36041.01	0.1986	P	1.4
4	☐	125.000	131.350	88198.25	0.4963	P	0.9
5	☐	250.000	264.558	172102.54	0.9991	P	0.1
6	☐	500.000	511.896	331509.37	1.9328	P	3.4
7	☐	1000.000	989.494	637711.71	3.7356	P	0.8
8	☐			3160.36	0.0188	P	2.4

y = 0.0038 * x + 4.4946E-004
R = 0.9998
DL = 0.1101
BEC = 0.1191

Weight: <None>
Min Conc: 0

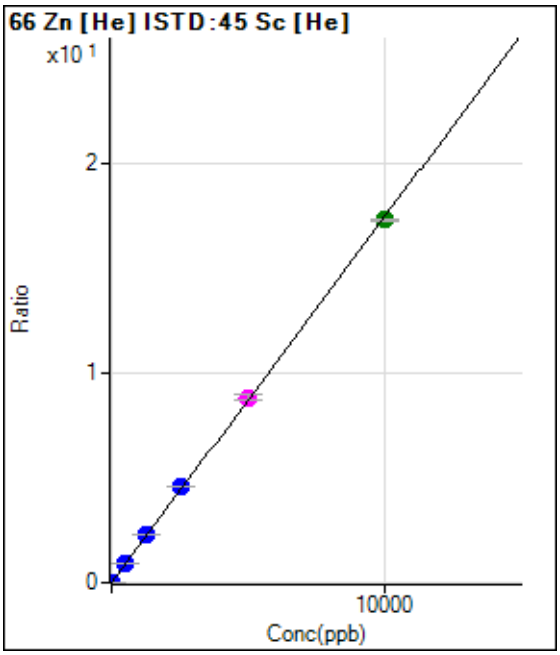


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	462.23	0.0026	P	20.9
2	☐	2.000	2.085	4464.04	0.0244	P	0.9
3	☐	500.000	524.549	997994.67	5.4986	P	0.4
4	☐	1250.000	1318.072	2454902.18	13.8130	A	0.6
5	☐	2500.000	2629.469	4746146.49	27.5534	A	0.4
6	☐	5000.000	5050.938	9077049.93	52.9249	A	3.7
7	☐	10000.000	9932.427	17766393.07	104.0718	A	0.4
8	☐			3824.97	0.0228	P	7.4

y = 0.0105 * x + 0.0026
R = 0.9999
DL = 0.153
BEC = 0.2445

Weight: <None>
Min Conc: 0

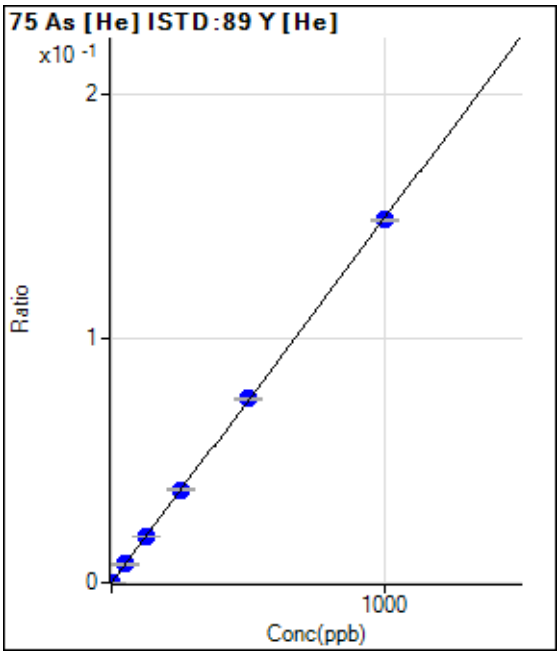
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0003	P	25.8
2	☐	5.000	5.412	1791.24	0.0098	P	4.4
3	☐	500.000	519.233	164753.99	0.9077	P	0.4
4	☐	1250.000	1303.970	405031.21	2.2791	P	1.1
5	☐	2500.000	2627.075	790830.86	4.5912	P	0.9
6	☐	5000.000	5073.625	1520834.81	8.8666	M	3.4
7	☐	10000.000	9923.710	2960487.18	17.3423	A	0.4
8	☐			1802.35	0.0107	P	4.3

y = 0.0017 * x + 3.3865E-004
R = 0.9999
DL = 0.15
BEC = 0.1938

Weight: <None>
Min Conc: 0

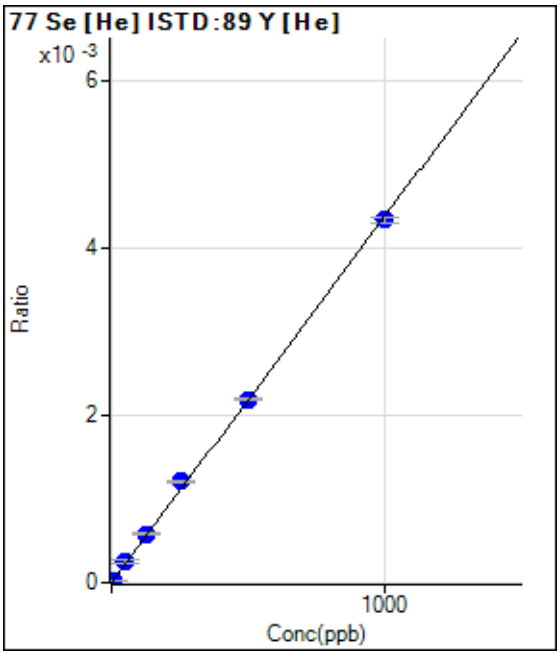


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	0.974	233.34	0.0001	P	6.7
3	☐	50.000	50.444	11759.18	0.0075	P	1.5
4	☐	125.000	127.750	29199.87	0.0190	P	0.9
5	☐	250.000	255.866	56767.92	0.0381	P	1.5
6	☐	500.000	504.860	111840.39	0.0752	P	0.9
7	☐	1000.000	995.738	218823.75	0.1484	P	0.8
8	☐			130.00	0.0001	P	24.4

y = 1.4902E-004 * x + 1.4195E-006
R = 1.0000
DL = 0.02475
BEC = 0.009525

Weight: <None>
Min Conc: 0

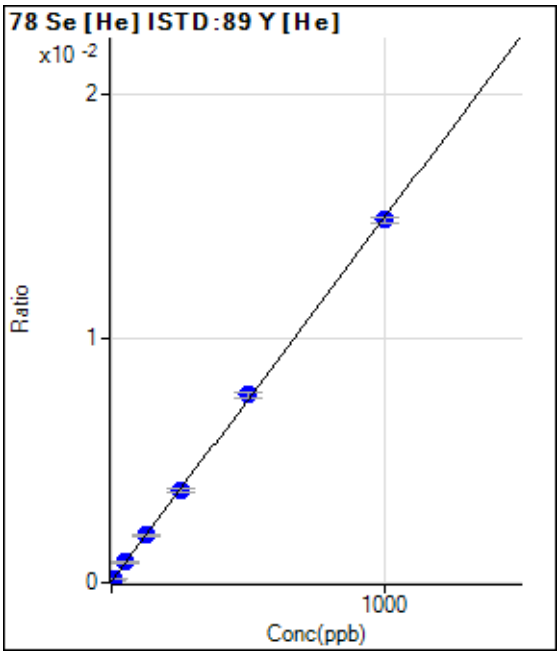
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.852	47.78	0.0000	P	3.5
3	☐	50.000	56.140	384.45	0.0002	P	17.1
4	☐	125.000	133.527	897.82	0.0006	P	6.0
5	☐	250.000	276.445	1803.46	0.0012	P	1.6
6	☐	500.000	500.727	3261.51	0.0022	P	0.8
7	☐	1000.000	991.643	6406.99	0.0043	P	1.4
8	☐			1.11	0.0000	P	173.

y = 4.3811E-006 * x + 0.0000E+000
R = 0.9996
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

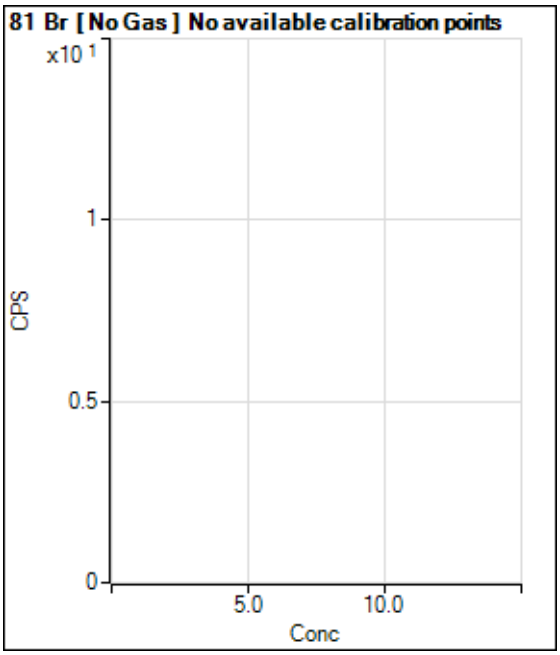


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0001	P	10.8
2	☐	5.000	5.364	220.00	0.0001	P	11.7
3	☐	50.000	51.787	1298.96	0.0008	P	2.0
4	☐	125.000	127.359	3001.44	0.0020	P	5.1
5	☐	250.000	251.780	5677.81	0.0038	P	3.6
6	☐	500.000	511.503	11425.60	0.0077	P	3.7
7	☐	1000.000	993.417	21934.06	0.0149	P	1.6
8	☐			101.11	0.0001	P	25.2

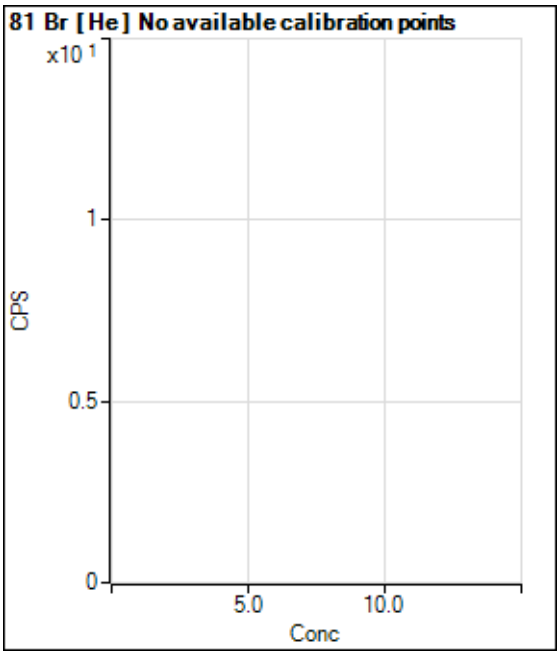
y = 1.4914E-005 * x + 5.8192E-005
R = 0.9999
DL = 1.265
BEC = 3.902

Weight: <None>
Min Conc: 0

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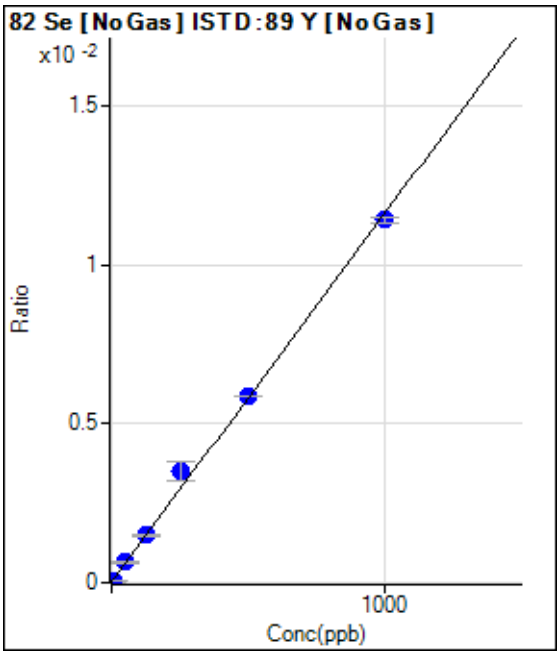


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7425.26		P	3.3
2	☐			7248.52		P	2.5
3	☐			7013.95		P	2.7
4	☐			7013.94		P	0.8
5	☐			6950.59		P	3.2
6	☐			6897.25		P	2.1
7	☐			6724.92		P	1.8
8	☐			6756.05		P	1.9



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			43.33		P	40.0
2	☐			45.55		P	29.6
3	☐			36.67		P	18.2
4	☐			38.89		P	19.8
5	☐			35.55		P	30.1
6	☐			50.00		P	24.0
7	☐			38.89		P	32.4
8	☐			47.78		P	33.0

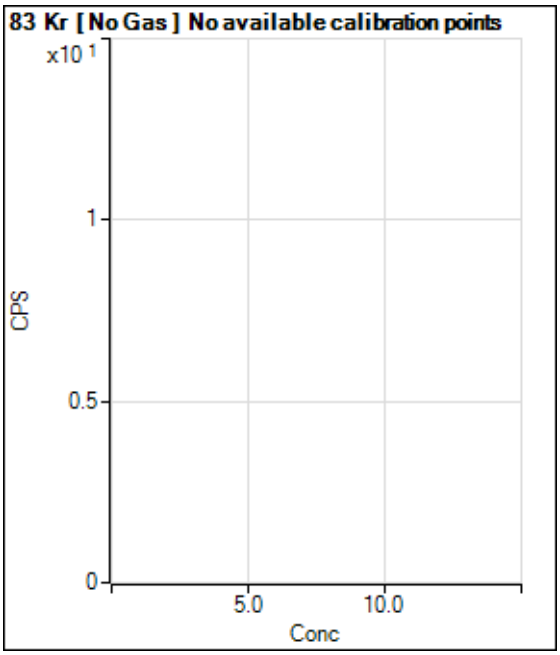
Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.13	0.0000	P	9.5
2	☐	5.000	5.141	548.37	0.0001	P	3.0
3	☐	50.000	53.654	4089.74	0.0006	P	8.2
4	☐	125.000	126.954	9786.51	0.0015	P	1.6
5	☐	250.000	301.851	19337.88	0.0035	P	17.7
6	☐	500.000	506.003	37286.37	0.0059	P	0.4
7	☐	1000.000	983.608	72344.48	0.0114	P	1.3
8	☐			181.12	0.0000	P	9.4

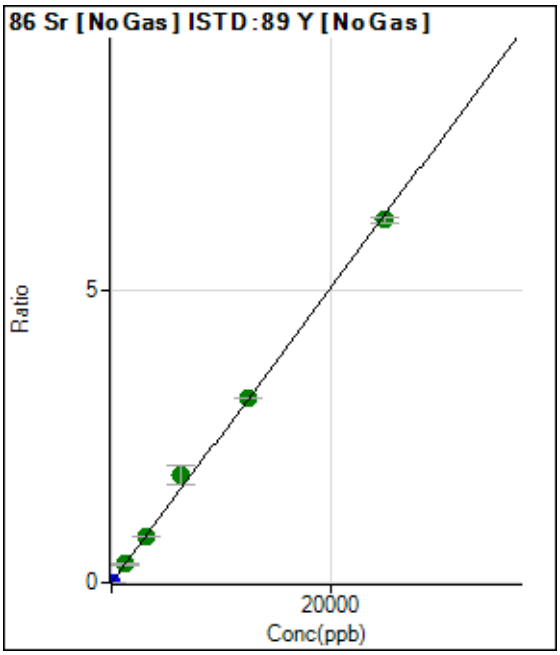
y = 1.1595E-005 * x + 2.3314E-005
R = 0.9984
DL = 0.5718
BEC = 2.011

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			85.55		P	26.5
2	☐			83.33		P	12.0
3	☐			91.11		P	12.8
4	☐			82.22		P	30.4
5	☐			82.22		P	15.4
6	☐			88.89		P	14.2
7	☐			90.00		P	14.8
8	☐			107.78		P	18.1

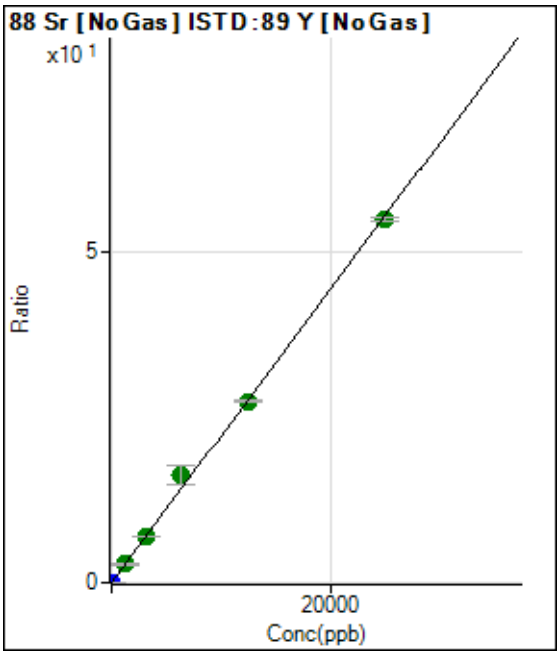
Reviewed By:Mohan
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Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0000	P	15.4
2	☐	1.000	1.090	1939.04	0.0003	P	2.1
3	☐	1250.000	1295.434	2057305.30	0.3249	A	9.4
4	☐	3125.000	3114.716	5112505.45	0.7812	A	0.6
5	☐	6250.000	7383.496	10161942.56	1.8518	A	17.8
6	☐	12500.000	12545.147	19915391.23	3.1463	A	0.3
7	☐	25000.000	24693.066	39200901.36	6.1930	A	1.7
8	☐			5662.25	0.0009	P	5.8

y = 2.5080E-004 * x + 1.9844E-005
R = 0.9988
DL = 0.03655
BEC = 0.07912

Weight: <None>
Min Conc: 0

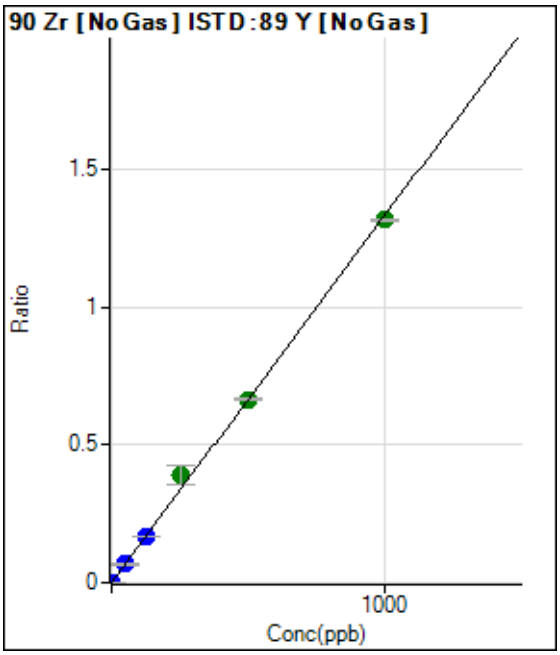


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.55	0.0000	P	10.0
2	☐	1.000	1.082	15909.82	0.0024	P	1.8
3	☐	1250.000	1299.124	18171977.23	2.8701	A	9.4
4	☐	3125.000	3123.159	45155839.33	6.8998	A	0.7
5	☐	6250.000	7352.594	89040258.68	16.2437	A	18.8
6	☐	12500.000	12396.962	173360308.5	27.3879	A	0.6
7	☐	25000.000	24773.645	346463794.8	54.7309	A	0.9
8	☐			49461.81	0.0083	P	4.6

y = 0.0022 * x + 1.6048E-005
R = 0.9989
DL = 0.002189
BEC = 0.007264

Weight: <None>
Min Conc: 0

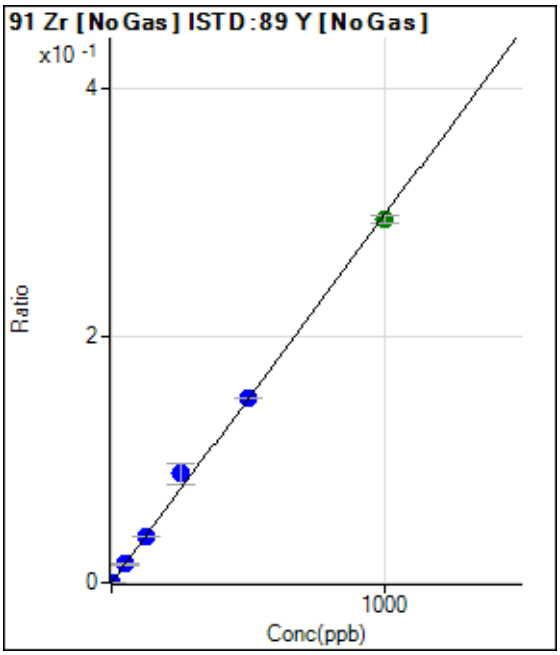
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.56	0.0000	P	1.9
2	☐	1.000	1.030	9310.80	0.0014	P	2.2
3	☐	50.000	51.853	438285.47	0.0692	P	8.1
4	☐	125.000	125.577	1096052.72	0.1675	P	0.5
5	☐	250.000	293.507	2144514.20	0.3914	A	19.2
6	☐	500.000	499.972	4219971.33	0.6667	A	0.7
7	☐	1000.000	988.972	8348150.50	1.3187	A	0.5
8	☐			4292.89	0.0007	P	2.5

y = 0.0013 * x + 3.4339E-005
R = 0.9989
DL = 0.001466
BEC = 0.02575

Weight: <None>
Min Conc: 0

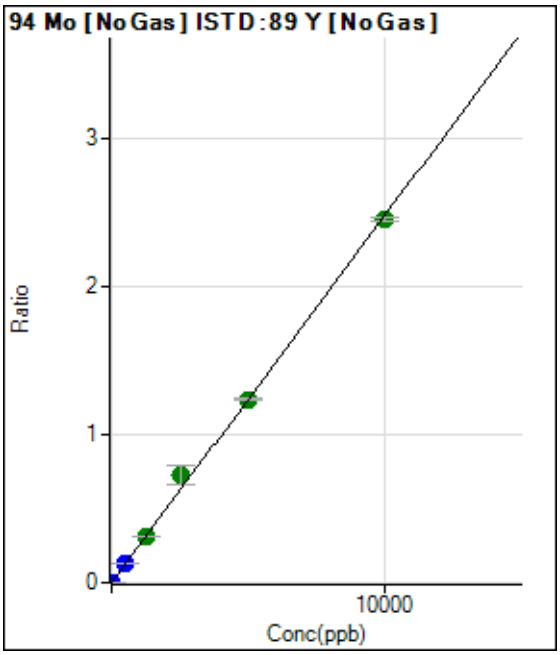


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	23.0
2	☐	1.000	0.972	1963.49	0.0003	P	9.2
3	☐	50.000	51.720	97553.43	0.0154	P	8.5
4	☐	125.000	125.367	244234.10	0.0373	P	0.8
5	☐	250.000	296.132	483330.11	0.0881	P	18.5
6	☐	500.000	503.102	947818.18	0.1497	P	0.4
7	☐	1000.000	986.784	1859011.10	0.2937	A	1.9
8	☐			1031.16	0.0002	P	6.8

y = 2.9762E-004 * x + 7.5078E-006
R = 0.9987
DL = 0.01738
BEC = 0.02523

Weight: <None>
Min Conc: 0

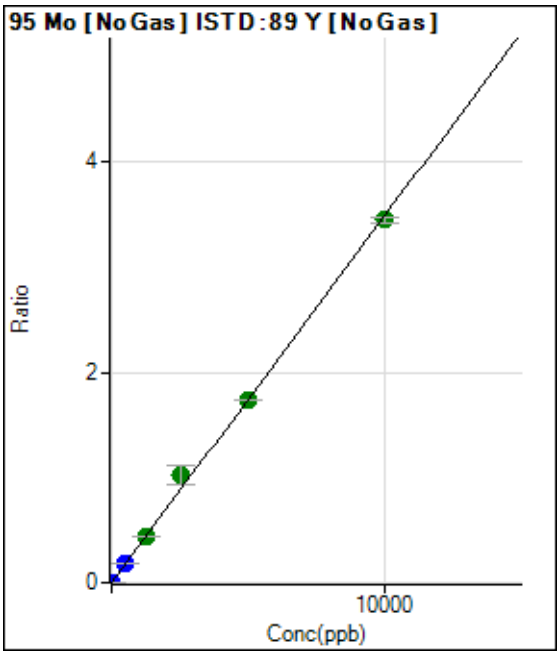
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	87.78	0.0000	P	14.6
2	☐	5.000	6.584	10855.23	0.0016	P	0.8
3	☐	500.000	522.150	817857.44	0.1292	P	9.1
4	☐	1250.000	1248.193	2020454.08	0.3087	A	0.5
5	☐	2500.000	2927.215	3970317.79	0.7240	A	18.4
6	☐	5000.000	4998.907	7825937.73	1.2364	A	0.6
7	☐	10000.000	9892.861	15488466.58	2.4468	A	1.2
8	☐			4551.86	0.0008	P	1.4

y = 2.4733E-004 * x + 1.3429E-005
R = 0.9989
DL = 0.02382
BEC = 0.0543

Weight: <None>
Min Conc: 0

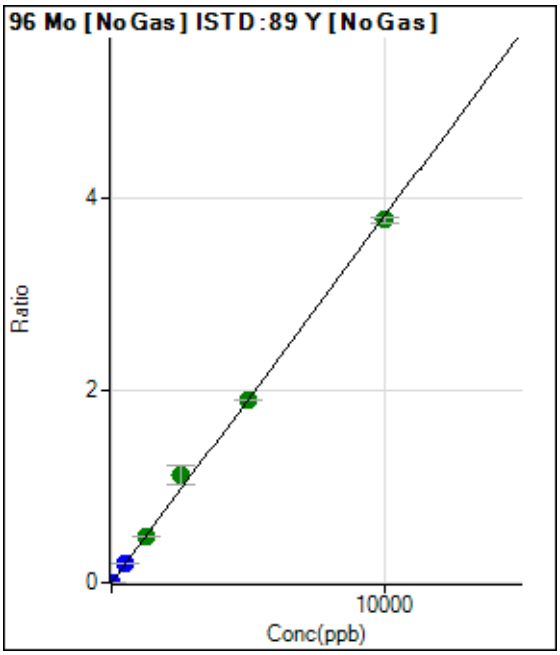


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.55	0.0000	P	38.3
2	☐	5.000	5.784	13382.89	0.0020	P	1.3
3	☐	500.000	522.318	1154551.20	0.1823	P	8.7
4	☐	1250.000	1245.608	2844921.55	0.4347	A	0.9
5	☐	2500.000	2940.135	5628047.28	1.0261	A	18.2
6	☐	5000.000	4987.923	11018253.87	1.7407	A	0.7
7	☐	10000.000	9895.437	21860621.34	3.4534	A	1.4
8	☐			5014.24	0.0008	P	3.6

y = 3.4899E-004 * x + 5.3302E-006
R = 0.9989
DL = 0.01757
BEC = 0.01527

Weight: <None>
Min Conc: 0

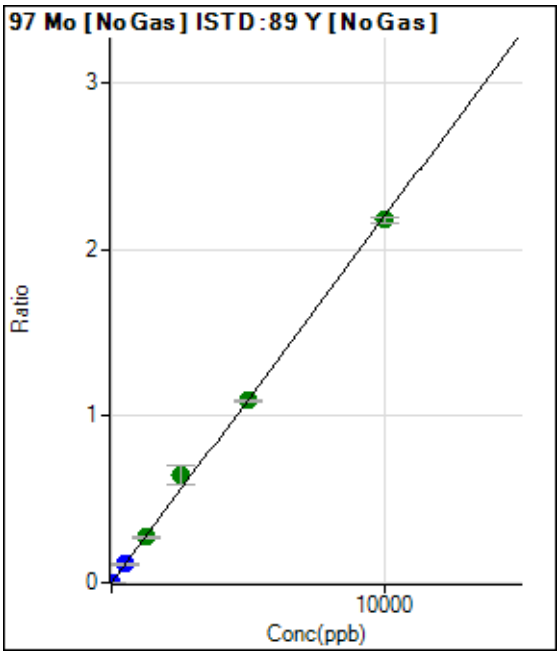
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0000	P	32.2
2	☐	5.000	5.763	14655.23	0.0022	P	1.7
3	☐	500.000	521.200	1261653.50	0.1992	P	8.7
4	☐	1250.000	1257.331	3144730.58	0.4805	A	1.2
5	☐	2500.000	2926.045	6130166.51	1.1182	A	18.7
6	☐	5000.000	4987.634	12064882.32	1.9061	A	0.3
7	☐	10000.000	9897.695	23943657.42	3.7825	A	1.3
8	☐			9136.25	0.0015	P	3.4

y = 3.8215E-004 * x + 1.4201E-005
R = 0.9989
DL = 0.03588
BEC = 0.03716

Weight: <None>
Min Conc: 0

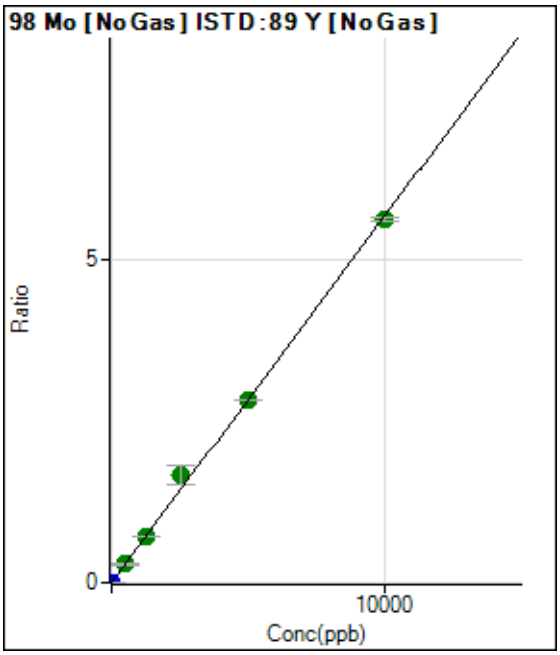


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	85.9
2	☐	5.000	5.760	8396.93	0.0013	P	2.1
3	☐	500.000	521.157	725139.68	0.1145	P	9.2
4	☐	1250.000	1237.620	1779859.02	0.2720	A	0.7
5	☐	2500.000	2938.297	3540516.93	0.6457	A	18.5
6	☐	5000.000	4971.447	6914900.66	1.0924	A	0.8
7	☐	10000.000	9905.191	13777726.04	2.1766	A	1.5
8	☐			2948.10	0.0005	P	3.0

y = 2.1974E-004 * x + 4.1573E-006
R = 0.9989
DL = 0.04877
BEC = 0.01892

Weight: <None>
Min Conc: 0

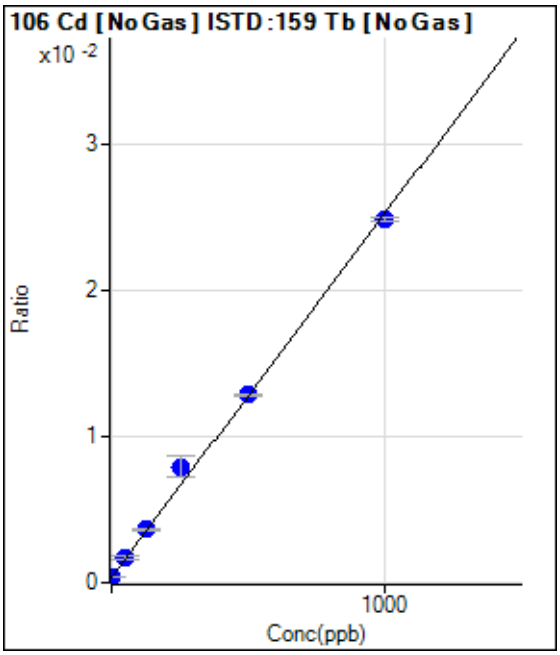
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	54.0
2	☐	5.000	5.806	21857.56	0.0033	P	2.8
3	☐	500.000	518.125	1864179.66	0.2945	A	9.7
4	☐	1250.000	1241.606	4618288.05	0.7057	A	1.3
5	☐	2500.000	2923.836	9111902.36	1.6617	A	18.6
6	☐	5000.000	4980.621	17917458.48	2.8307	A	0.6
7	☐	10000.000	9903.873	35631388.08	5.6288	A	1.0
8	☐			7160.71	0.0012	P	4.1

y = 5.6834E-004 * x + 5.6964E-006
R = 0.9989
DL = 0.01624
BEC = 0.01002

Weight: <None>
Min Conc: 0

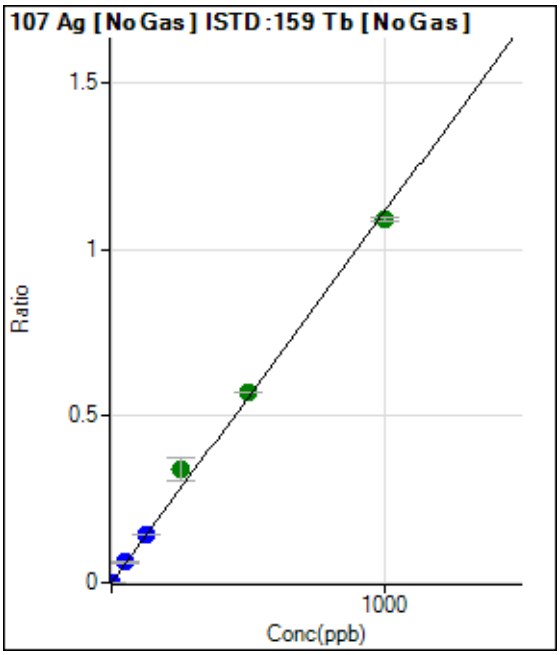


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1970.16	0.0004	P	7.3
2	☐	1.000	0.505	2075.73	0.0004	P	3.6
3	☐	50.000	54.794	9155.17	0.0017	P	9.2
4	☐	125.000	131.451	20420.00	0.0036	P	1.1
5	☐	250.000	303.863	37734.45	0.0079	P	18.8
6	☐	500.000	503.664	71485.69	0.0129	P	0.9
7	☐	1000.000	983.657	138643.93	0.0249	P	1.2
8	☐			1947.92	0.0004	P	2.3

y = 2.4929E-005 * x + 3.5697E-004
R = 0.9983
DL = 3.153
BEC = 14.32

Weight: <None>
Min Conc: 0

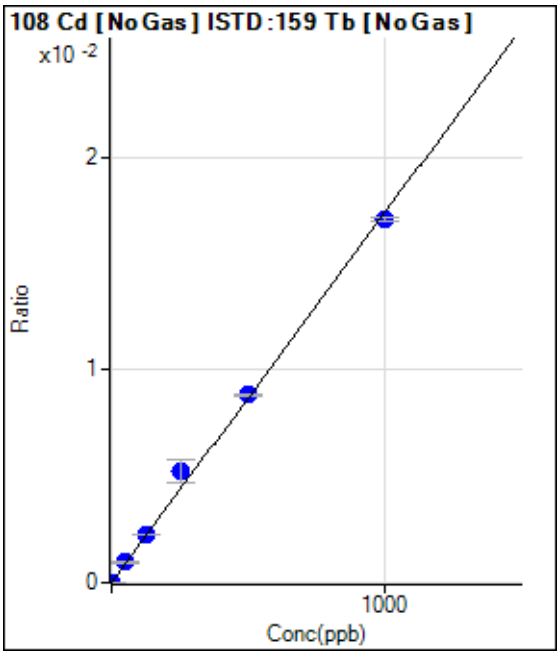
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.55	0.0000	P	41.5
2	☐	1.000	1.023	6458.16	0.0012	P	4.0
3	☐	50.000	56.259	333136.06	0.0627	P	9.0
4	☐	125.000	131.655	824343.21	0.1467	P	0.9
5	☐	250.000	305.622	1619676.02	0.3405	A	19.1
6	☐	500.000	513.010	3164475.23	0.5716	A	0.1
7	☐	1000.000	978.445	6075410.19	1.0902	A	1.1
8	☐			797.81	0.0002	P	11.3

y = 0.0011 * x + 1.0225E-005
R = 0.9981
DL = 0.01142
BEC = 0.009177

Weight: <None>
Min Conc: 0

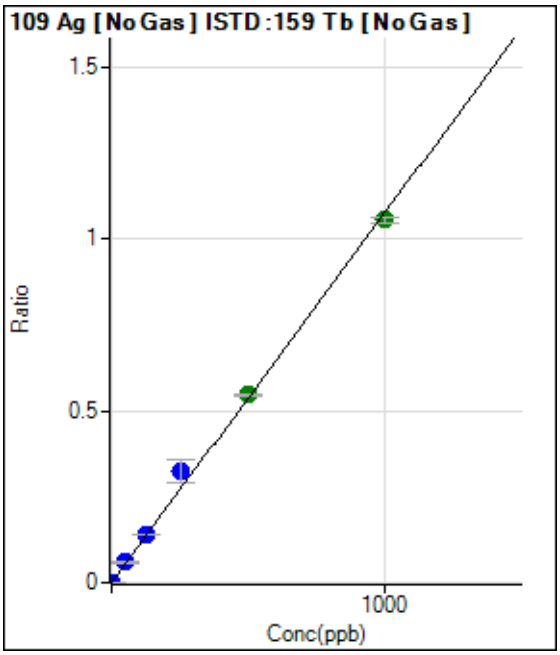


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.89	0.0000	P	26.2
2	☐	1.000	1.068	113.33	0.0000	P	14.0
3	☐	50.000	56.007	5170.96	0.0010	P	12.3
4	☐	125.000	131.212	12824.64	0.0023	P	1.9
5	☐	250.000	300.842	24840.19	0.0052	P	20.2
6	☐	500.000	508.622	48946.63	0.0088	P	1.4
7	☐	1000.000	981.902	95116.83	0.0171	P	1.0
8	☐			61.11	0.0000	P	28.7

y = 1.7380E-005 * x + 1.6252E-006
R = 0.9985
DL = 0.07352
BEC = 0.09351

Weight: <None>
Min Conc: 0

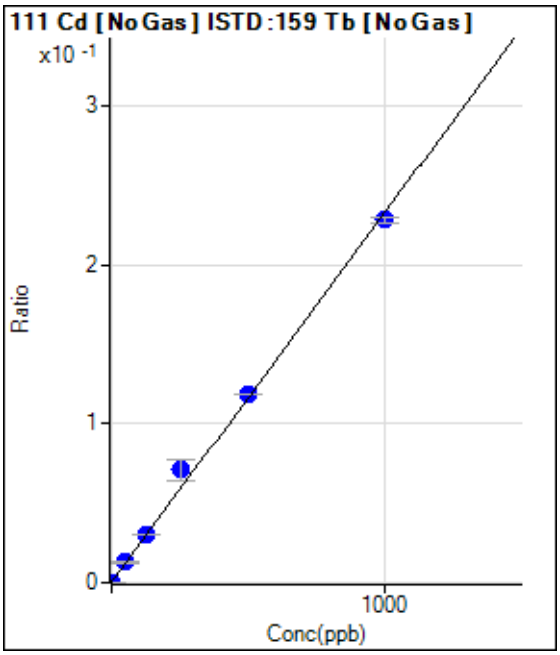
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	6.6
2	☐	1.000	1.039	6293.65	0.0011	P	2.6
3	☐	50.000	55.521	316737.78	0.0596	P	9.1
4	☐	125.000	130.431	786905.72	0.1400	P	0.8
5	☐	250.000	301.106	1536225.10	0.3233	P	19.7
6	☐	500.000	508.447	3021904.99	0.5459	A	1.2
7	☐	1000.000	982.045	5875549.64	1.0543	A	1.3
8	☐			720.02	0.0001	P	17.6

y = 0.0011 * x + 4.8144E-006
R = 0.9984
DL = 0.0008883
BEC = 0.004484

Weight: <None>
Min Conc: 0

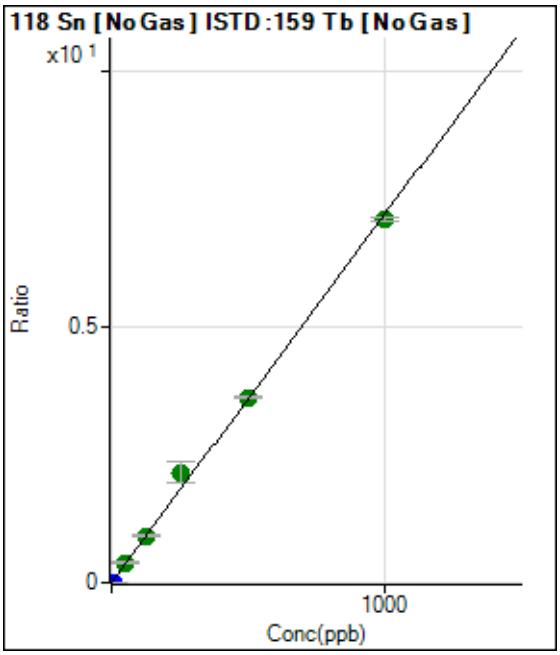


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1377.33	0.0002	P	7.5
2	☐	1.000	1.037	2755.98	0.0005	P	2.0
3	☐	50.000	55.400	69728.20	0.0131	P	9.3
4	☐	125.000	131.252	172806.91	0.0308	P	0.7
5	☐	250.000	305.326	338551.76	0.0712	P	19.2
6	☐	500.000	507.142	653866.38	0.1181	P	0.0
7	☐	1000.000	981.546	1272553.94	0.2284	P	1.6
8	☐			1560.77	0.0003	P	1.7

y = 2.3239E-004 * x + 2.4957E-004
R = 0.9982
DL = 0.2407
BEC = 1.074

Weight: <None>
Min Conc: 0

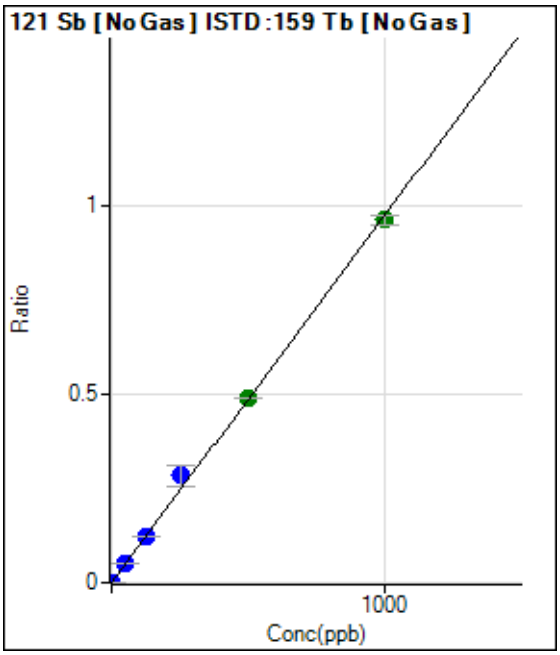
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	852.26	0.0002	P	5.0
2	☐	5.000	0.571	23915.47	0.0043	P	1.5
3	☐	50.000	54.699	2087922.16	0.3932	A	10.1
4	☐	125.000	127.759	5159350.72	0.9181	A	0.7
5	☐	250.000	298.272	10190485.82	2.1433	A	19.3
6	☐	500.000	503.206	20017829.01	3.6158	A	0.7
7	☐	1000.000	985.771	39474053.58	7.0831	A	1.2
8	☐			8046.76	0.0015	P	3.4

y = 0.0072 * x + 1.5441E-004
R = 0.9986
DL = 0.003196
BEC = 0.02149

Weight: <None>
Min Conc: 0

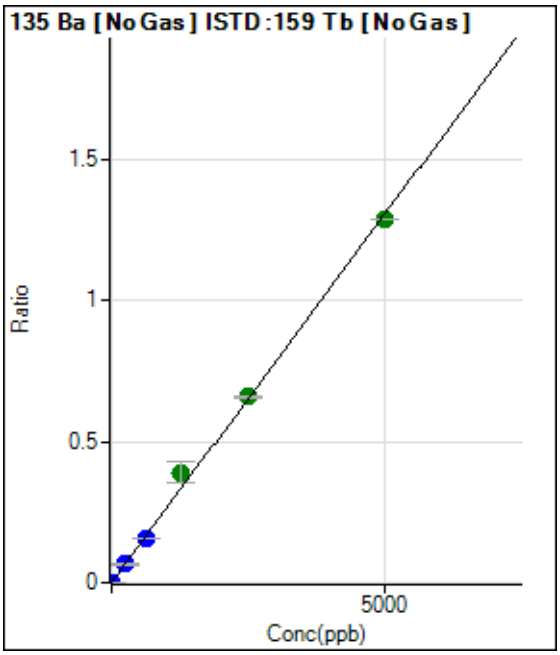


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	37.4
2	☐	2.000	2.098	11500.25	0.0020	P	2.5
3	☐	50.000	52.609	271660.16	0.0511	P	9.2
4	☐	125.000	124.552	680137.98	0.1210	P	0.9
5	☐	250.000	291.172	1344801.98	0.2829	P	19.5
6	☐	500.000	501.524	2698062.77	0.4873	A	0.2
7	☐	1000.000	988.870	5354556.62	0.9609	A	2.4
8	☐			3131.49	0.0006	P	2.2

y = 9.7168E-004 * x + 8.7365E-006
R = 0.9990
DL = 0.01008
BEC = 0.008991

Weight: <None>
Min Conc: 0

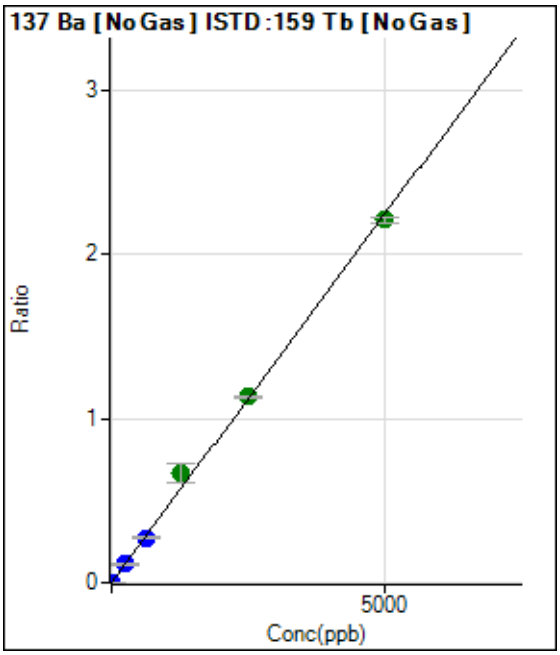
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0000	P	2.0
2	☐	10.000	10.140	14959.05	0.0027	P	2.0
3	☐	250.000	257.796	357075.21	0.0672	P	9.4
4	☐	625.000	609.891	893365.58	0.1590	P	0.6
5	☐	1250.000	1499.204	1855975.72	0.3908	A	20.2
6	☐	2500.000	2522.729	3640171.89	0.6575	A	1.1
7	☐	5000.000	4927.833	7158143.02	1.2844	A	0.2
8	☐			2769.18	0.0005	P	0.4

y = 2.6063E-004 * x + 2.0931E-005
R = 0.9985
DL = 0.004771
BEC = 0.08031

Weight: <None>
Min Conc: 0

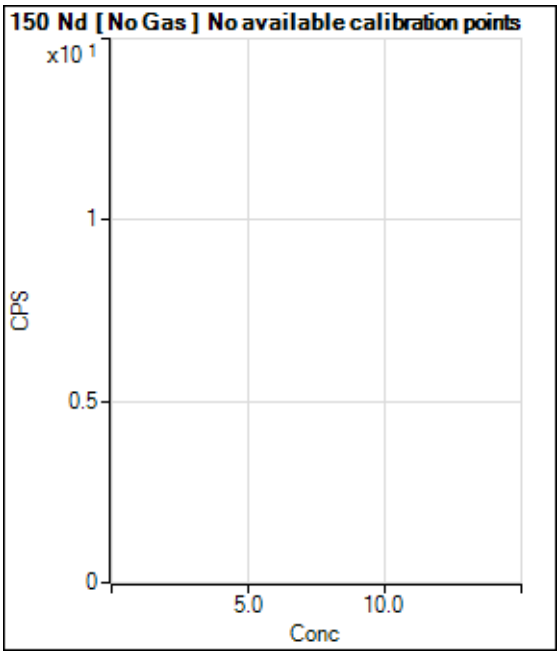


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.00	0.0000	P	12.0
2	☐	10.000	10.204	25899.16	0.0046	P	0.7
3	☐	250.000	259.724	619107.04	0.1166	P	10.0
4	☐	625.000	612.787	1545405.60	0.2750	P	0.9
5	☐	1250.000	1493.062	3188114.57	0.6700	A	18.6
6	☐	2500.000	2525.474	6274087.13	1.1333	A	1.0
7	☐	5000.000	4927.537	12322486.07	2.2112	A	1.5
8	☐			4746.39	0.0009	P	1.9

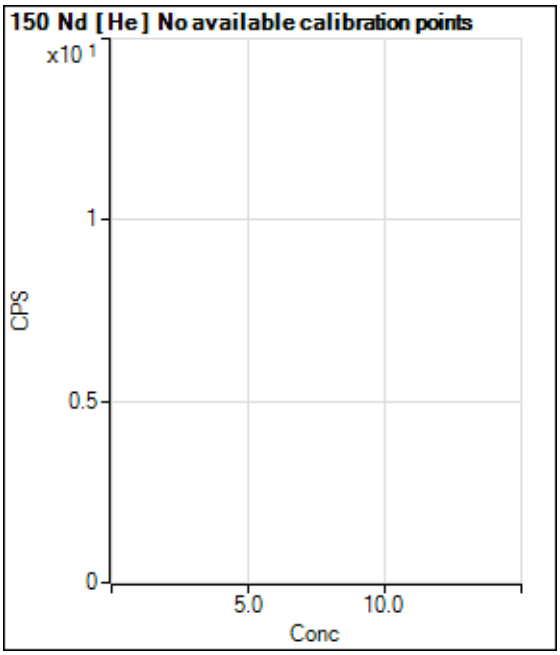
y = 4.4873E-004 * x + 3.2483E-005
R = 0.9986
DL = 0.02607
BEC = 0.07239

Weight: <None>
Min Conc: 0

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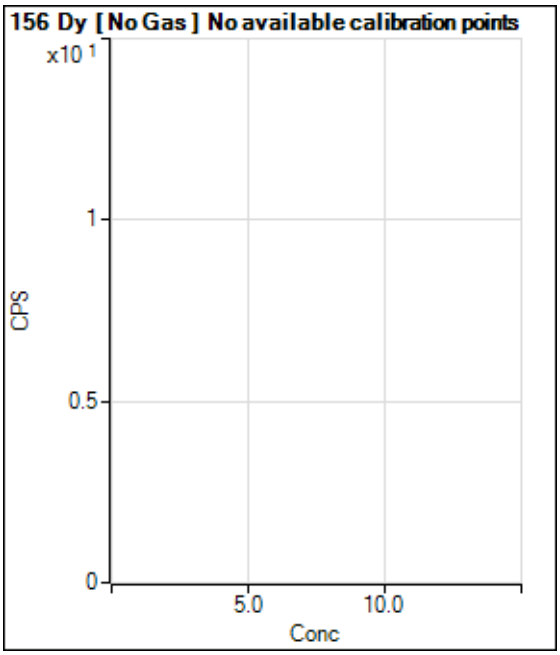


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.0
2	☐			8.89		P	43.3
3	☐			38.89		P	19.8
4	☐			93.33		P	16.4
5	☐			177.78		P	16.8
6	☐			361.12		P	5.6
7	☐			644.47		P	8.8
8	☐			148.89		P	31.4

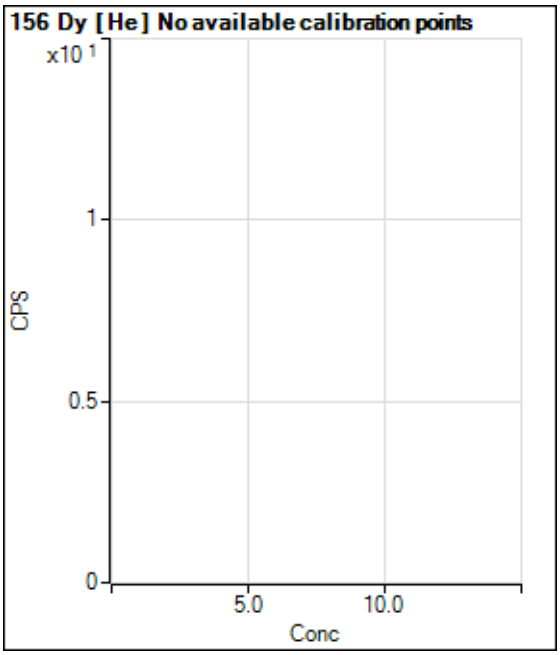


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			5.56		P	91.6
4	☐			16.67		P	20.0
5	☐			38.89		P	21.6
6	☐			65.55		P	10.6
7	☐			136.67		P	8.8
8	☐			57.78		P	20.3

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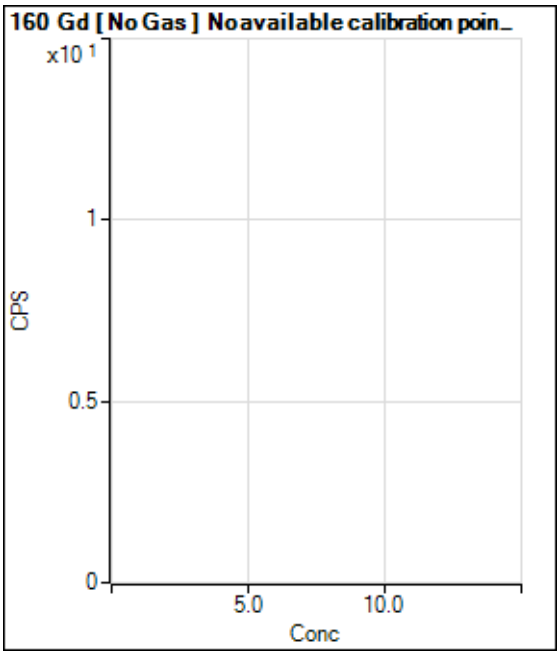


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1280.07		P	3.4
2	☐			1242.29		P	5.3
3	☐			1252.29		P	3.4
4	☐			1314.52		P	3.8
5	☐			1336.75		P	3.5
6	☐			1431.20		P	8.2
7	☐			1530.10		P	5.8
8	☐			1195.62		P	5.2

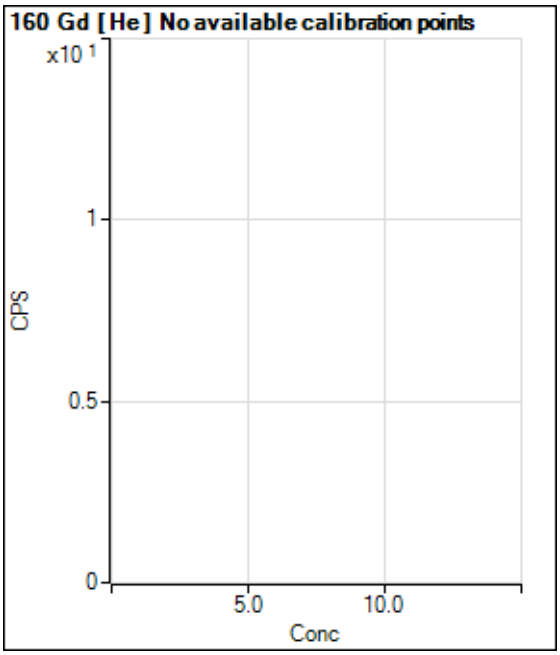


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1	☐			245.56		P	19.0
2	☐			242.23		P	6.9
3	☐			248.89		P	10.1
4	☐			291.12		P	5.9
5	☐			344.45		P	5.3
6	☐			415.57		P	11.7
7	☐			588.91		P	3.1
8	☐			303.34		P	6.9

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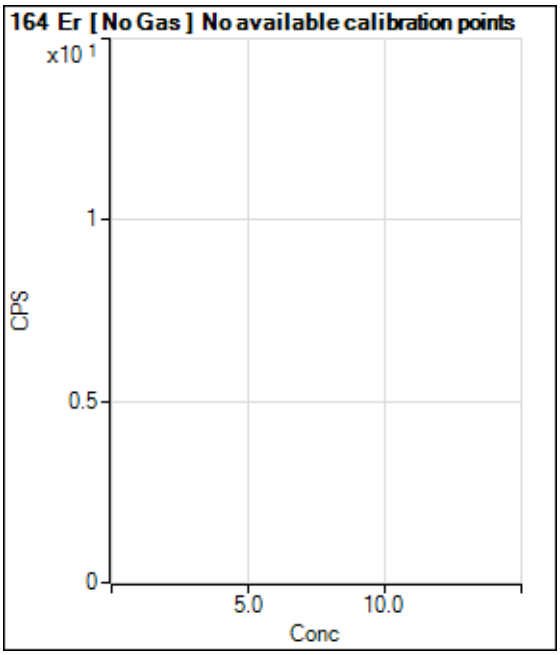


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			10.00		P	66.7
2	☐			20.00		P	16.7
3	☐			25.56		P	7.5
4	☐			27.78		P	18.3
5	☐			38.89		P	47.2
6	☐			66.67		P	17.3
7	☐			155.56		P	10.1
8	☐			227.78		P	13.3

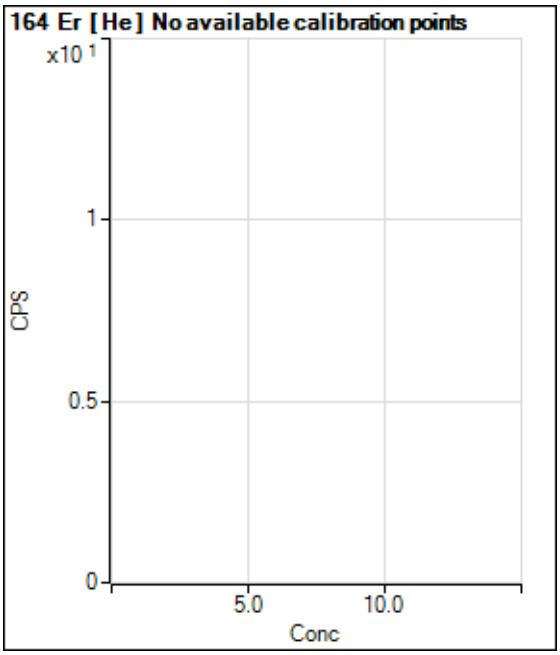


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1	☐			166.67		P	8.0
2	☐			183.34		P	17.5
3	☐			168.89		P	8.2
4	☐			160.00		P	13.0
5	☐			173.34		P	6.7
6	☐			178.89		P	10.3
7	☐			176.67		P	21.4
8	☐			237.78		P	11.3

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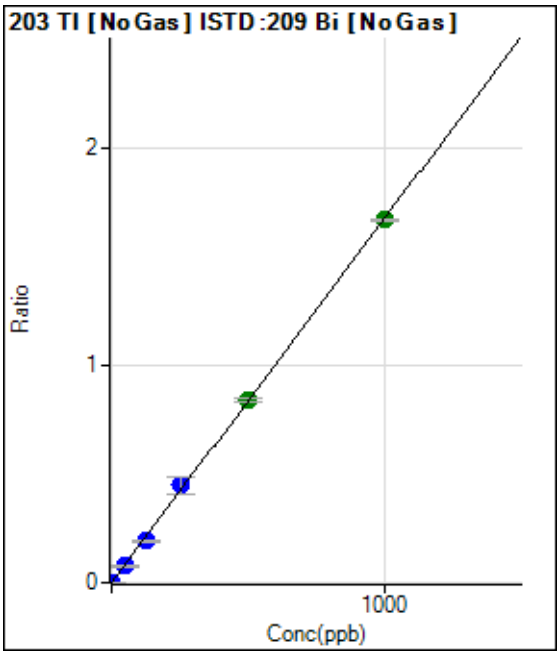


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			26.67		P	50.0
2	☐			18.89		P	27.0
3	☐			27.78		P	18.3
4	☐			32.22		P	21.5
5	☐			50.00		P	24.0
6	☐			78.89		P	30.6
7	☐			125.56		P	35.1
8	☐			181.11		P	11.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.0
2	☐			6.67		P	50.0
3	☐			16.67		P	20.0
4	☐			25.56		P	19.9
5	☐			33.33		P	43.6
6	☐			41.11		P	4.7
7	☐			70.00		P	17.2
8	☐			103.33		P	18.0

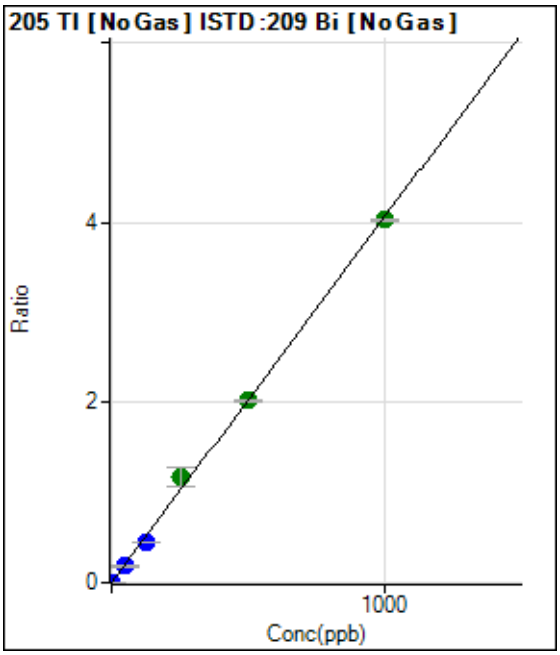
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	114.45	0.0000	P	18.3
2	☐	1.000	0.940	5565.64	0.0016	P	2.3
3	☐	50.000	46.521	262309.09	0.0780	P	8.7
4	☐	125.000	113.660	662073.29	0.1906	P	0.6
5	☐	250.000	267.385	1318779.98	0.4483	P	19.1
6	☐	500.000	501.750	2831534.85	0.8413	A	1.1
7	☐	1000.000	996.370	5644872.27	1.6706	A	0.4
8	☐			802.25	0.0003	P	10.4

y = 0.0017 * x + 3.3200E-005
R = 0.9997
DL = 0.01086
BEC = 0.0198

Weight: <None>
Min Conc: 0

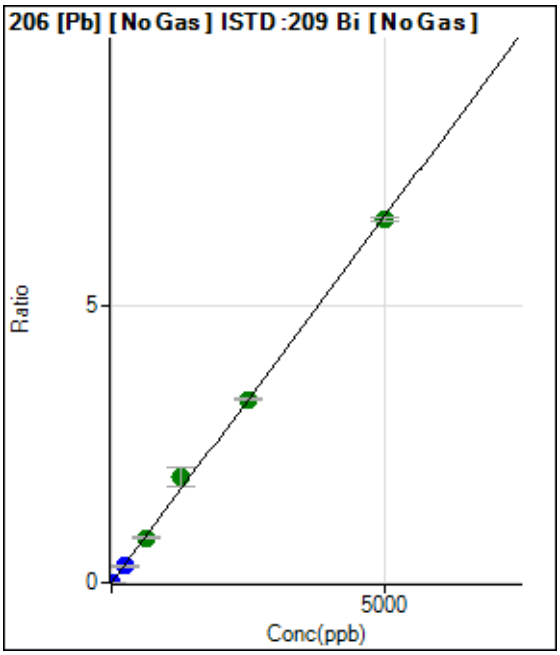


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	234.45	0.0001	P	20.5
2	☐	1.000	0.900	12856.14	0.0037	P	0.6
3	☐	50.000	46.046	628016.62	0.1869	P	8.9
4	☐	125.000	112.592	1586769.59	0.4568	P	0.4
5	☐	250.000	289.664	3456191.86	1.1751	A	19.3
6	☐	500.000	498.960	6812631.08	2.0241	A	1.2
7	☐	1000.000	992.353	13602665.77	4.0256	A	0.4
8	☐			1923.49	0.0006	P	5.7

y = 0.0041 * x + 6.7966E-005
R = 0.9989
DL = 0.01029
BEC = 0.01675

Weight: <None>
Min Conc: 0

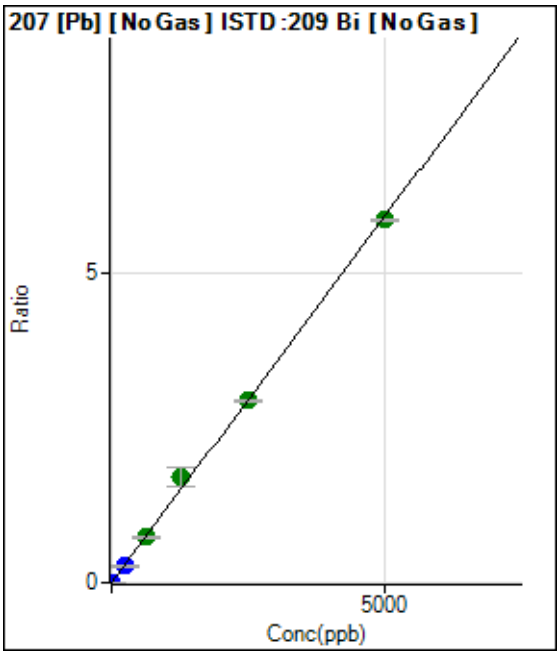
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.56	0.0001	P	9.5
2	☐	1.000	0.951	4576.37	0.0013	P	4.1
3	☐	250.000	232.872	1035861.01	0.3082	P	8.9
4	☐	625.000	610.795	2807620.83	0.8082	A	2.5
5	☐	1250.000	1440.415	5607303.84	1.9060	A	19.0
6	☐	2500.000	2501.724	11141781.64	3.3103	A	0.8
7	☐	5000.000	4954.167	22150047.73	6.5552	A	1.1
8	☐			4876.48	0.0016	P	3.9

y = 0.0013 * x + 6.5002E-005
R = 0.9991
DL = 0.01406
BEC = 0.04913

Weight: <None>
Min Conc: 0

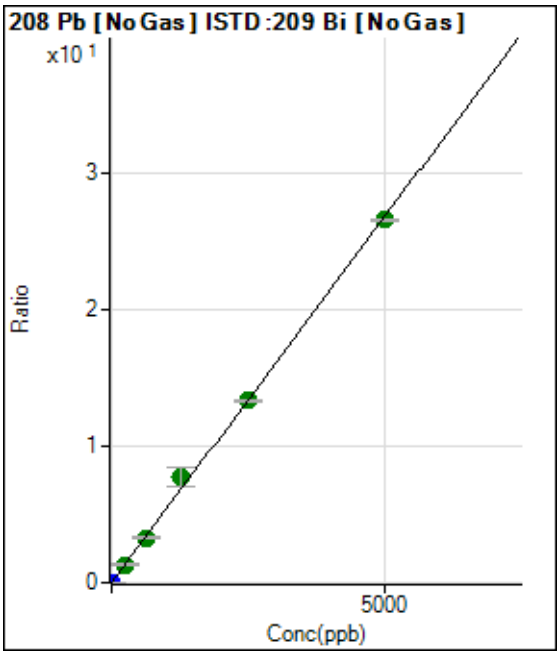


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	195.56	0.0001	P	31.7
2	☐	1.000	0.928	3992.84	0.0012	P	3.6
3	☐	250.000	230.986	918602.57	0.2733	P	9.1
4	☐	625.000	618.408	2541597.36	0.7317	A	1.5
5	☐	1250.000	1448.720	5043409.34	1.7140	A	18.8
6	☐	2500.000	2489.375	9912793.19	2.9452	A	1.0
7	☐	5000.000	4957.407	19818268.45	5.8650	A	0.4
8	☐			4342.96	0.0015	P	2.4

y = 0.0012 * x + 5.6969E-005
R = 0.9990
DL = 0.04585
BEC = 0.04815

Weight: <None>
Min Conc: 0

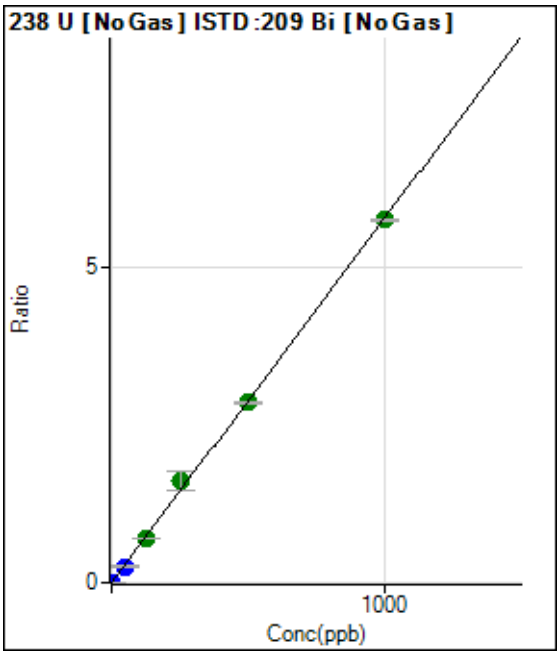
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	853.35	0.0002	P	8.9
2	☐	1.000	0.936	18211.60	0.0053	P	0.7
3	☐	250.000	242.792	4377504.60	1.3024	A	8.8
4	☐	625.000	614.381	11446765.94	3.2952	A	1.8
5	☐	1250.000	1445.022	22799678.97	7.7500	A	19.0
6	☐	2500.000	2486.960	44893435.03	13.3381	A	0.7
7	☐	5000.000	4959.452	89877669.91	26.5983	A	0.3
8	☐			19765.84	0.0066	P	2.5

y = 0.0054 * x + 2.4675E-004
R = 0.9991
DL = 0.01225
BEC = 0.04601

Weight: <None>
Min Conc: 0

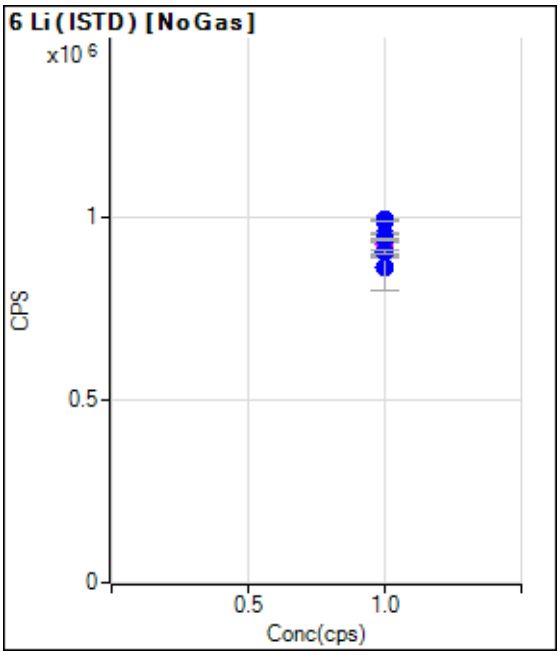


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10.00	0.0000	P	52.7
2	☐	1.000	0.864	17210.06	0.0050	P	1.2
3	☐	50.000	43.340	839424.96	0.2497	P	8.4
4	☐	125.000	119.815	2397648.07	0.6902	A	1.0
5	☐	250.000	280.770	4759524.96	1.6174	A	18.8
6	☐	500.000	494.567	9589149.09	2.8491	A	1.3
7	☐	1000.000	996.005	19387863.05	5.7377	A	0.5
8	☐			690.03	0.0002	P	16.1

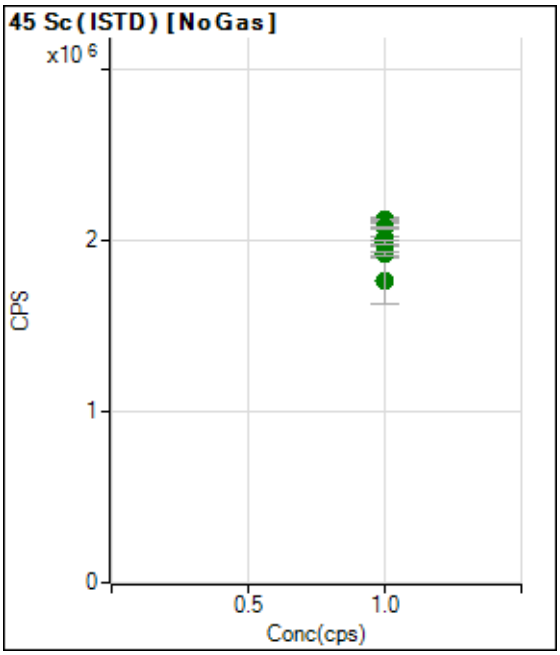
y = 0.0058 * x + 2.8396E-006
R = 0.9993
DL = 0.0007799
BEC = 0.0004929

Weight: <None>
Min Conc: 0

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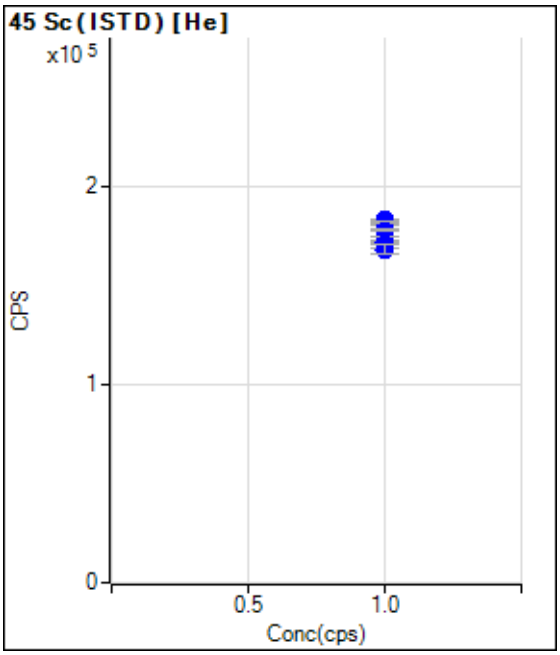


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1	☐	1.000		925235.64		M	7.2
2	☐	1.000		994182.12		P	0.8
3	☐	1.000		928234.98		M	7.2
4	☐	1.000		991421.96		P	0.2
5	☐	1.000		866817.58		P	14.6
6	☐	1.000		955474.31		P	0.4
7	☐	1.000		941563.35		P	0.7
8	☐	1.000		908193.82		P	1.2

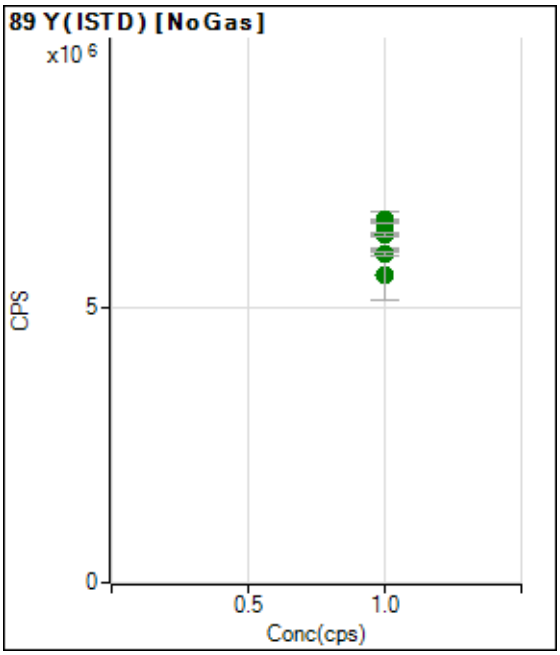


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2081723.62		A	5.6
2	☐	1.000		2122873.40		A	0.8
3	☐	1.000		2018936.22		A	8.3
4	☐	1.000		2077710.98		A	0.8
5	☐	1.000		1768592.98		A	15.4
6	☐	1.000		1971657.66		A	0.5
7	☐	1.000		1991650.96		A	0.7
8	☐	1.000		1924776.45		A	1.3

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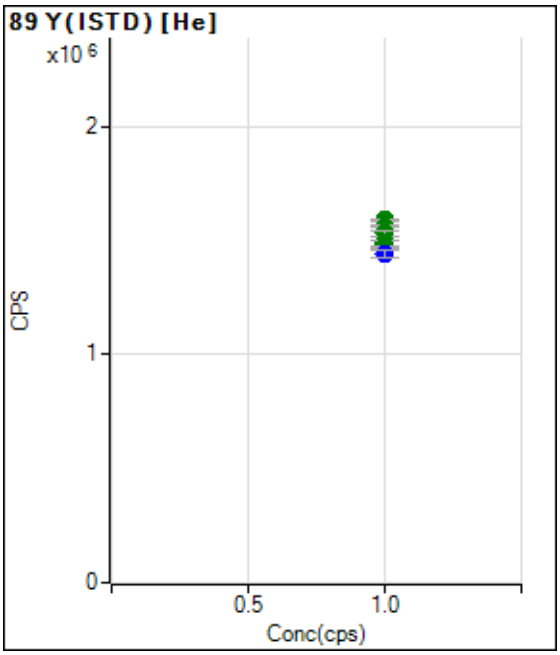


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1	☐	1.000		180467.12		P	0.2
2	☐	1.000		182857.39		P	0.2
3	☐	1.000		181501.73		P	0.7
4	☐	1.000		177727.19		P	0.7
5	☐	1.000		172255.00		P	0.6
6	☐	1.000		171644.97		P	3.2
7	☐	1.000		170711.28		P	0.4
8	☐	1.000		168099.41		P	2.4

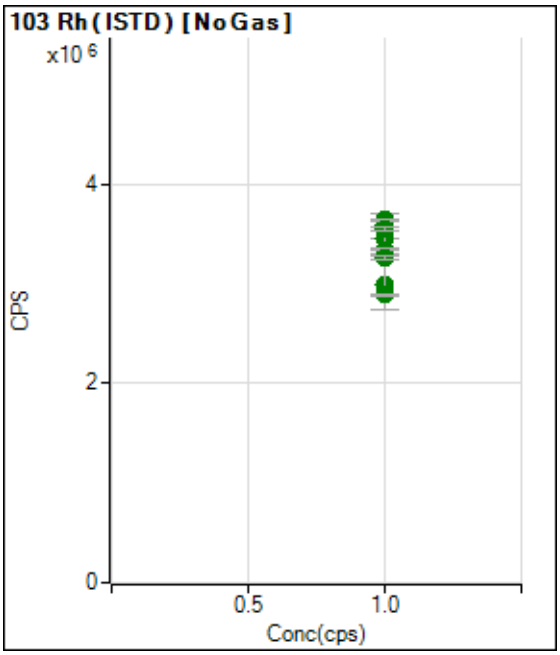


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6573107.61		A	6.1
2	☐	1.000		6611672.68		A	0.6
3	☐	1.000		6364795.18		A	8.4
4	☐	1.000		6544541.08		A	0.2
5	☐	1.000		5595960.20		A	16.3
6	☐	1.000		6329784.00		A	0.3
7	☐	1.000		6330713.17		A	1.1
8	☐	1.000		5981334.08		A	1.3

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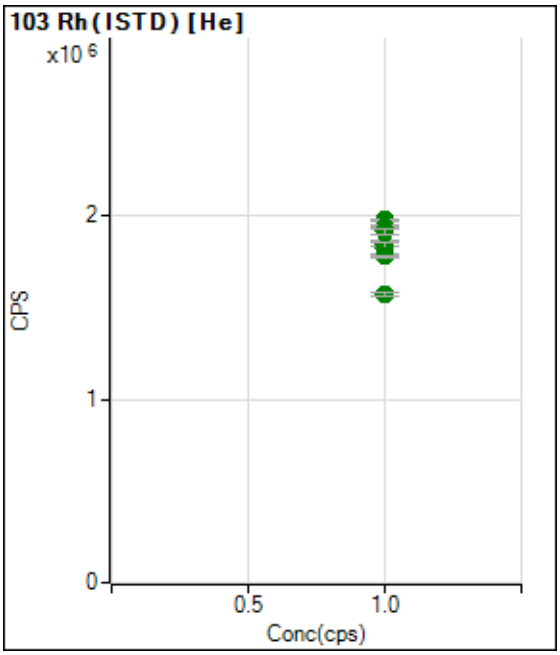


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1566053.57		A	0.8
2	☐	1.000		1591499.70		A	0.5
3	☐	1.000		1564105.08		A	0.8
4	☐	1.000		1533833.57		A	1.7
5	☐	1.000		1489015.41		A	2.0
6	☐	1.000		1486687.20		A	1.9
7	☐	1.000		1474703.10		A	0.6
8	☐	1.000		1444926.16		P	2.5

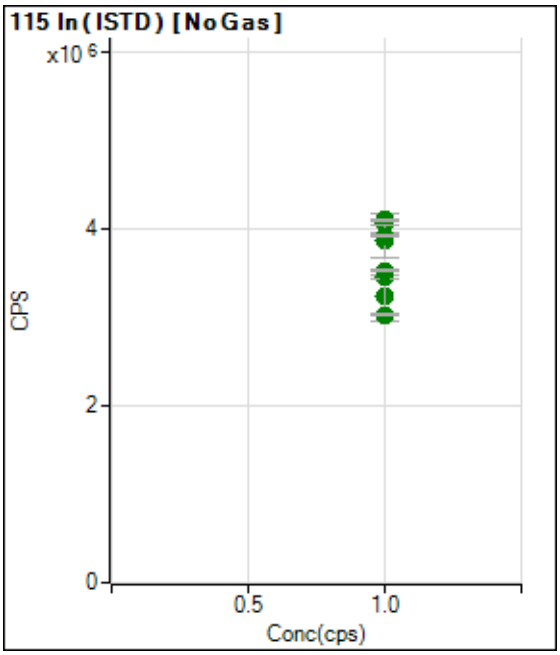


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3581402.31		A	6.8
2	☐	1.000		3638008.38		A	0.6
3	☐	1.000		3457979.05		A	9.2
4	☐	1.000		3553371.30		A	1.0
5	☐	1.000		2985194.00		A	16.7
6	☐	1.000		3341994.95		A	0.6
7	☐	1.000		3263399.19		A	1.3
8	☐	1.000		2887988.77		A	0.8

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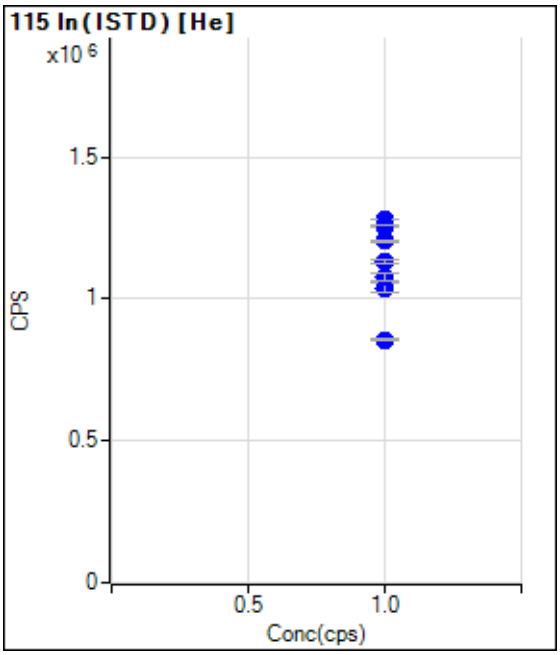


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1980346.48		A	0.3
2	☐	1.000		1977344.14		A	0.3
3	☐	1.000		1946803.79		A	0.7
4	☐	1.000		1916282.40		A	1.5
5	☐	1.000		1851780.44		A	1.8
6	☐	1.000		1828505.48		A	3.2
7	☐	1.000		1780873.10		A	0.8
8	☐	1.000		1574657.84		A	1.6

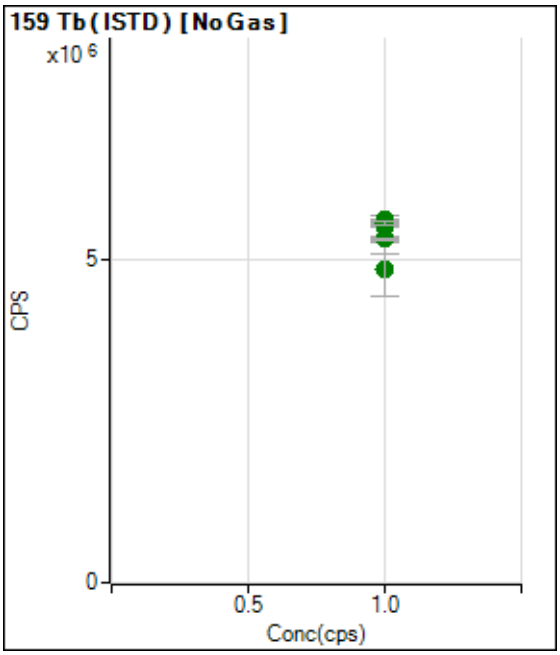


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4050385.89		A	5.4
2	☐	1.000		4095779.05		A	0.7
3	☐	1.000		3857005.47		A	9.9
4	☐	1.000		3911282.11		A	0.5
5	☐	1.000		3242390.27		A	18.0
6	☐	1.000		3458928.69		A	1.2
7	☐	1.000		3024236.15		A	0.4
8	☐	1.000		3526486.44		A	0.4

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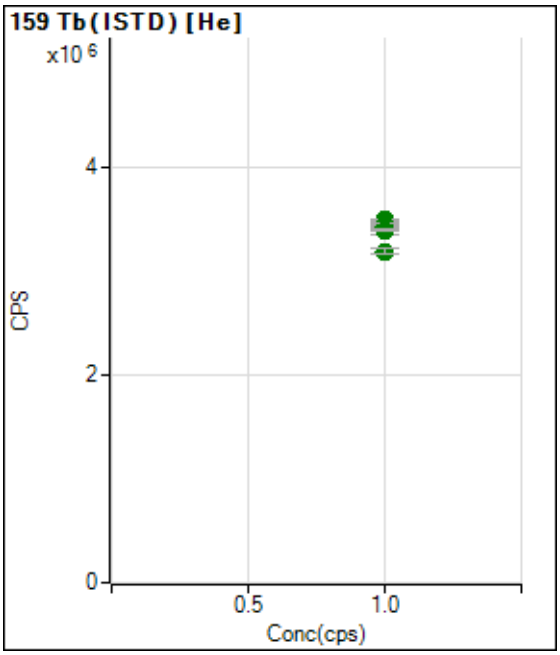


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1256315.07		P	0.4
2	☐	1.000		1277896.79		P	0.1
3	☐	1.000		1257966.86		P	0.2
4	☐	1.000		1202908.30		P	0.5
5	☐	1.000		1128082.72		P	1.2
6	☐	1.000		1038442.78		P	3.0
7	☐	1.000		854443.46		P	0.7
8	☐	1.000		1077792.91		P	2.4

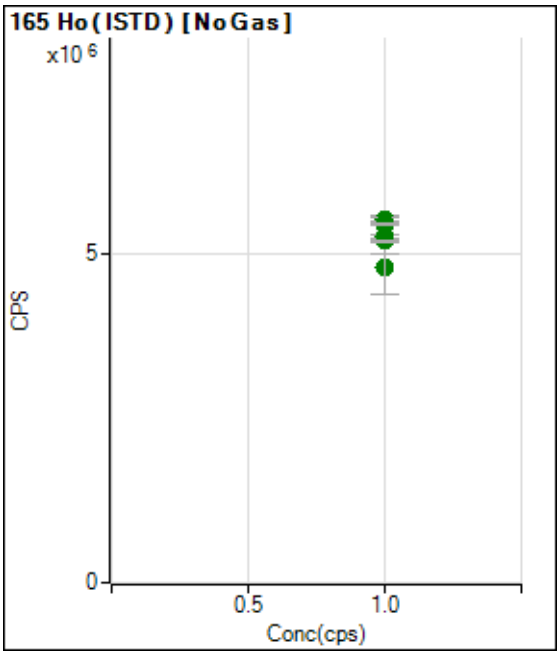


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5524518.70		A	6.0
2	☐	1.000		5616206.86		A	0.7
3	☐	1.000		5343170.51		A	9.1
4	☐	1.000		5619455.33		A	0.2
5	☐	1.000		4861290.17		A	17.1
6	☐	1.000		5536323.32		A	0.8
7	☐	1.000		5573307.77		A	0.9
8	☐	1.000		5317865.44		A	1.1

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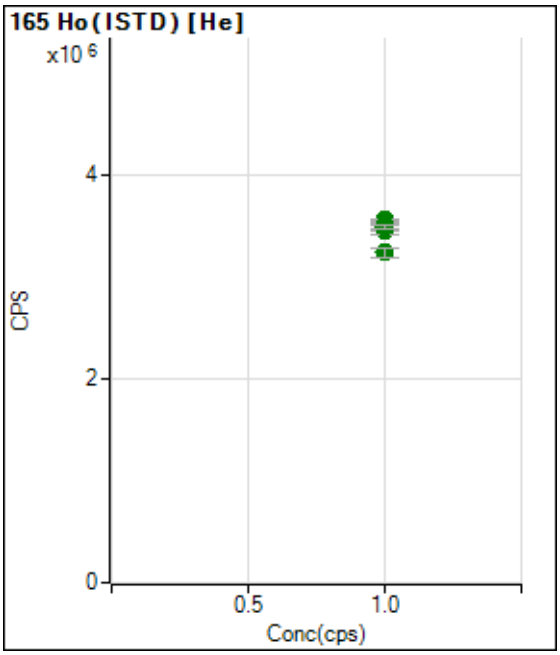


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3409546.37		A	1.5
2	☐	1.000		3490850.78		A	0.8
3	☐	1.000		3436798.07		A	0.7
4	☐	1.000		3415323.46		A	1.1
5	☐	1.000		3377750.64		A	1.6
6	☐	1.000		3395726.51		A	3.3
7	☐	1.000		3390162.31		A	0.5
8	☐	1.000		3186012.45		A	1.7

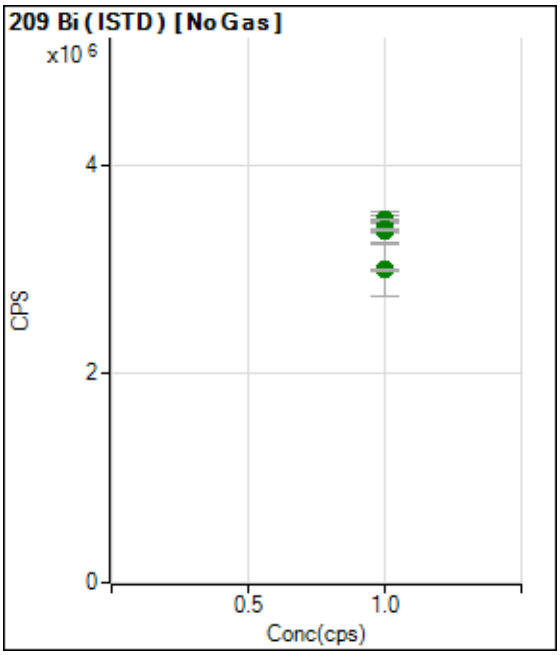


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5432116.06		A	5.7
2	☐	1.000		5466740.89		A	0.7
3	☐	1.000		5249073.19		A	9.0
4	☐	1.000		5515313.46		A	0.9
5	☐	1.000		4805115.07		A	17.6
6	☐	1.000		5459083.94		A	0.3
7	☐	1.000		5448707.21		A	0.9
8	☐	1.000		5192964.47		A	0.6

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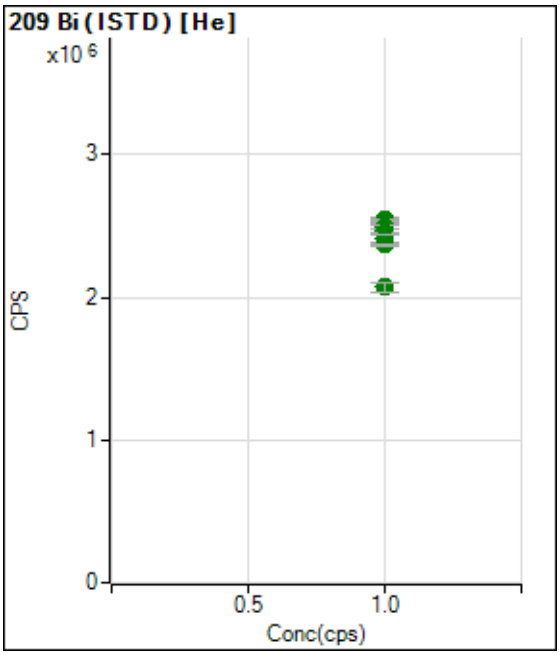


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3456541.27		A	0.2
2	☐	1.000		3554671.20		A	0.5
3	☐	1.000		3558134.36		A	0.6
4	☐	1.000		3515426.86		A	0.5
5	☐	1.000		3443108.14		A	2.1
6	☐	1.000		3483788.56		A	2.0
7	☐	1.000		3492678.35		A	0.8
8	☐	1.000		3236465.23		A	2.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3468930.23		A	5.2
2	☐	1.000		3457622.34		A	0.7
3	☐	1.000		3378495.12		A	8.7
4	☐	1.000		3473654.53		A	0.4
5	☐	1.000		3006600.53		A	17.0
6	☐	1.000		3365896.96		A	0.6
7	☐	1.000		3379050.16		A	0.3
8	☐	1.000		2992252.25		A	1.2

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2469947.76		A	0.8
2	☐	1.000		2543520.03		A	1.4
3	☐	1.000		2543281.23		A	0.5
4	☐	1.000		2496597.18		A	1.3
5	☐	1.000		2449988.82		A	0.3
6	☐	1.000		2413717.72		A	2.0
7	☐	1.000		2367712.05		A	0.3
8	☐	1.000		2069978.94		A	3.2

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7
ClientSampleId :TUNE001

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7101124-MS3.b
Acq. Date-Time	2024-10-11 16:07:41
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		2561	25611.51			0.621	5.000
24		87164	871638.60			0.289	5.000
25		11472	114722.42			0.845	5.000
26		12803	128034.91			0.912	5.000
59		20878	208784.39			0.673	5.000
113		1910	19104.17			0.943	5.000
115		42627	426265.85			0.632	5.000
206		9675	96753.39			1.684	5.000
207		8051	80513.39			1.123	5.000
208		19540	195397.34			1.392	5.000
220		0	1.60			34.233	

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	2548	2561	2575	2543	2579
24	87057	87123	86837	87297	87505
25	11310	11473	11501	11509	11568
26	12612	12826	12798	12859	12922
59	20635	20961	20885	20934	20978
113	1896	1941	1910	1908	1898
115	42469	42970	42791	42624	42279
206	9397	9829	9718	9724	9708
207	7891	8076	8099	8088	8104
208	19063	19622	19593	19685	19736

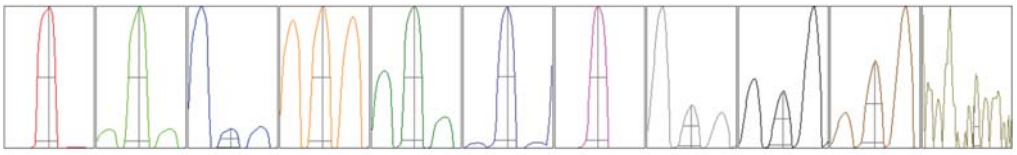
Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7
ClientSampleId :TUNE001

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	4382.41	9.00	8.90 - 9.10	
24	147582.73	23.95	23.90 - 24.10	
25	19785.24	24.95	24.90 - 25.10	
26	21953.70	25.95	25.90 - 26.10	
59	35489.20	58.95	58.90 - 59.10	
113	3568.81	113.00	112.90 - 113.10	
115	79420.38	114.95	114.90 - 115.10	
206	18780.60	206.00	205.90 - 206.10	
207	15521.74	207.00	206.90 - 207.10	
208	38316.85	208.00	207.90 - 208.10	
220	0.25	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.738	0.900	
24	0.63	0.815	0.900	
25	0.62	0.741	0.900	
26	0.62	0.775	0.900	
59	0.61	0.739	0.900	
113	0.55	0.738	0.900	
115	0.55	0.761	0.900	
206	0.53	0.748	0.900	
207	0.52	0.768	0.900	
208	0.53	0.766	0.900	
220	0.19	0.244		

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

Tune Parameters

Plasma Parameters

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

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7
ClientSampleId :TUNE001

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.5 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	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2393 V	Pulse HV	1748 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		6904	69044.69			1.127	
89		67926	679255.56			1.293	
205		21514	215140.66			0.805	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	6976	6883	6952	6932	6779
89	68589	67571	68817	68034	66616
205	21674	21399	21510	21695	21293

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.9 V	Deflect	3.2 V

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7
ClientSampleId :TUNE001

US EPA Tune Check Report

Extract 2	-95.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-55 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	190 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm

EM

Discriminator	4.8 mV	Analog HV	2393 V	Pulse HV	1748 V

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:24:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.04	-0.13	0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	1.17	-0.30	-0.87	0.00	N/A	ppb
Cadmium	111-1	0.09	-0.02	-0.07	0.00	N/A	ppb
Calcium	43-1	2.72	-1.02	-1.70	0.00	N/A	ppb
Calcium	44-1	-0.25	0.37	-0.12	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.04	-0.06	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	0.02	0.06	-0.08	0.00	N/A	ppb
Iron	57-2	-0.75	0.40	0.35	0.00	N/A	ppb
Iron	54-2	0.17	0.41	-0.57	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:24:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.02	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	-0.21	-0.07	0.28	0.00	N/A	ppb
Manganese	55-2	-0.01	0.05	-0.04	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.00	-0.04	0.00	N/A	ppb
Phosphorus	31-2	-158.13	-145.12	-145.92	-149.72		ppb
Potassium	39-2	1.41	-0.16	-1.25	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.22	-0.07	-0.14	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.27	-0.49	0.21	0.00	N/A	ppb
Silicon	28-1	-0.07	0.25	-0.18	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	-0.29	0.87	-0.57	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	48.65	430.86	-328.47	50.35	754.11	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.00	0.03	-0.03	0.00	N/A	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:24:43	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	-0.06	0.02	0.04	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

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:28:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.81	20.41	21.31	20.51	3.68	ppb
Antimony	121-1	2.05	2.09	2.15	2.10	2.54	ppb
Arsenic	75-2	0.91	0.98	1.04	0.97	6.79	ppb
Barium	135-1	10.07	9.98	10.37	10.14	2.03	ppb
Barium	137-1	10.13	10.23	10.25	10.20	0.67	ppb
Beryllium	9-1	0.90	0.95	1.05	0.97	8.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	0.92	1.24	1.07	15.24	ppb
Cadmium	106-1	0.60	0.98	-0.07	0.50	105.54	ppb
Cadmium	111-1	1.02	1.09	1.00	1.04	4.14	ppb
Calcium	43-1	569.19	561.37	544.63	558.40	2.25	ppb
Calcium	44-1	564.60	575.88	556.95	565.81	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.25	2.11	2.15	3.78	ppb
Cobalt	59-2	1.11	1.10	1.16	1.12	2.76	ppb
Copper	63-2	2.09	2.06	2.11	2.09	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	59.36	58.01	59.49	58.95	1.40	ppb
Iron	57-2	58.26	58.21	61.61	59.36	3.28	ppb
Iron	54-2	57.69	59.33	58.92	58.65	1.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:28:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	0.91	0.95	0.95	4.29	ppb
Lead	207-1	0.92	0.97	0.90	0.93	3.79	ppb
Lead	208-1	0.94	0.93	0.94	0.94	0.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	561.96	565.68	561.57	563.07	0.40	ppb
Manganese	55-2	1.20	1.13	1.16	1.16	3.20	ppb
Molybdenum	94-1	6.61	6.52	6.62	6.58	0.78	ppb
Molybdenum	95-1	5.70	5.85	5.80	5.78	1.28	ppb
Molybdenum	96-1	5.88	5.71	5.70	5.76	1.75	ppb
Molybdenum	97-1	5.62	5.80	5.85	5.76	2.11	ppb
Molybdenum	98-1	5.63	5.84	5.95	5.81	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.06	0.92	1.02	8.30	ppb
Phosphorus	31-2	74.50	147.20	227.47	149.72	51.10	ppb
Potassium	39-2	553.67	548.20	554.02	551.96	0.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	4.90	5.32	5.20	5.14	4.16	ppb
Selenium	77-2	6.71	6.71	7.13	6.85	3.54	ppb
Selenium	78-2	5.39	4.26	6.43	5.36	20.23	ppb
Silicon	28-1	0.28	0.33	0.35	0.32	11.75	ppb
Silver	107-1	1.01	0.99	1.07	1.02	4.01	ppb
Silver	109-1	1.02	1.03	1.07	1.04	2.59	ppb
Sodium	23-2	536.36	528.96	522.98	529.43	1.27	ppb
Strontium	86-1	1.07	1.08	1.12	1.09	2.25	ppb
Strontium	88-1	1.09	1.10	1.06	1.08	1.81	ppb
Sulfur	34-1	-22.95	-41.28	-86.81	-50.35		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.97	0.93	0.93	0.94	2.39	ppb
Thallium	205-1	0.91	0.90	0.90	0.90	0.64	ppb
Tin	118-1	0.58	0.56	0.57	0.57	1.53	ppb
Titanium	47-1	6.01	5.93	6.21	6.05	2.41	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:28:06	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.85	0.87	0.86	1.16	ppb
Vanadium	51-2	5.15	5.24	5.33	5.24	1.70	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	5.15	5.64	5.44	5.41	4.57	ppb
Zirconium	90-1	1.01	1.02	1.06	1.03	2.30	ppb
Zirconium	91-1	0.91	1.08	0.93	0.97	9.44	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:31:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1013.69	1016.47	1015.01	1015.06	0.14	ppb
Antimony	121-1	58.19	49.74	49.90	52.61	9.18	ppb
Arsenic	75-2	49.66	51.13	50.54	50.44	1.47	ppb
Barium	135-1	285.48	241.34	246.58	257.80	9.35	ppb
Barium	137-1	289.58	241.98	247.61	259.72	10.01	ppb
Beryllium	9-1	58.71	55.03	51.25	55.00	6.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	63.98	52.09	51.96	56.01	12.32	ppb
Cadmium	106-1	62.08	51.72	50.58	54.79	11.56	ppb
Cadmium	111-1	61.40	51.82	52.98	55.40	9.44	ppb
Calcium	43-1	6688.13	5762.65	5952.65	6134.47	7.97	ppb
Calcium	44-1	6044.02	5556.28	5744.26	5781.52	4.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.42	51.31	51.90	51.54	0.61	ppb
Cobalt	59-2	51.82	52.30	51.57	51.90	0.72	ppb
Copper	63-2	522.29	526.83	524.53	524.55	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				97		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				100		%
Iron	56-2	2591.27	2593.25	2580.37	2588.30	0.27	ppb
Iron	57-2	2736.08	2797.06	2747.16	2760.10	1.18	ppb
Iron	54-2	2818.44	2816.34	2822.51	2819.10	0.11	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:31:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	256.39	217.20	225.03	232.87	8.91	ppb
Lead	207-1	254.68	215.12	223.16	230.99	9.05	ppb
Lead	208-1	267.31	227.31	233.75	242.79	8.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	5270.20	5300.74	5288.62	5286.52	0.29	ppb
Manganese	55-2	515.75	516.26	516.09	516.03	0.05	ppb
Molybdenum	94-1	576.57	489.24	500.64	522.15	9.09	ppb
Molybdenum	95-1	574.60	491.20	501.15	522.32	8.72	ppb
Molybdenum	96-1	573.06	489.65	500.89	521.20	8.68	ppb
Molybdenum	97-1	576.41	487.88	499.18	521.16	9.25	ppb
Molybdenum	98-1	575.84	487.11	491.42	518.12	9.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.66	52.90	52.90	52.49	1.37	ppb
Phosphorus	31-2	896.16	765.73	734.41	798.77	10.74	ppb
Potassium	39-2	2634.83	2660.69	2651.43	2648.98	0.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	58.62	49.60	52.74	53.65	8.53	ppb
Selenium	77-2	45.37	59.34	63.71	56.14	17.06	ppb
Selenium	78-2	50.55	52.14	52.67	51.79	2.13	ppb
Silicon	28-1	79.06	65.07	68.02	70.72	10.43	ppb
Silver	107-1	62.10	52.95	53.73	56.26	9.02	ppb
Silver	109-1	61.36	52.23	52.97	55.52	9.13	ppb
Sodium	23-2	4816.87	4805.69	4849.24	4823.93	0.47	ppb
Strontium	86-1	1428.43	1188.87	1269.01	1295.43	9.41	ppb
Strontium	88-1	1436.18	1203.22	1257.98	1299.12	9.38	ppb
Sulfur	34-1	2009.28	840.14	922.48	1257.30	51.90	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	51.13	43.68	44.75	46.52	8.66	ppb
Thallium	205-1	50.75	43.10	44.29	46.05	8.94	ppb
Tin	118-1	61.10	51.52	51.48	54.70	10.14	ppb
Titanium	47-1	596.92	505.96	523.40	542.09	8.91	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:31:27	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.47	40.71	41.84	43.34	8.36	ppb
Vanadium	51-2	51.18	51.14	51.51	51.28	0.39	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%
Zinc	66-2	521.40	518.47	517.83	519.23	0.37	ppb
Zirconium	90-1	56.64	48.82	50.10	51.85	8.09	ppb
Zirconium	91-1	56.77	48.69	49.70	51.72	8.51	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:34:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2507.93	2554.36	2549.91	2537.40	1.01	ppb
Antimony	121-1	123.26	125.16	125.24	124.55	0.90	ppb
Arsenic	75-2	126.64	127.59	129.02	127.75	0.94	ppb
Barium	135-1	605.51	611.45	612.72	609.89	0.63	ppb
Barium	137-1	606.90	617.35	614.12	612.79	0.87	ppb
Beryllium	9-1	126.50	127.44	129.69	127.88	1.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	133.94	130.56	129.14	131.21	1.88	ppb
Cadmium	106-1	130.12	131.11	133.13	131.45	1.17	ppb
Cadmium	111-1	130.60	132.35	130.81	131.25	0.73	ppb
Calcium	43-1	14699.65	14447.77	14672.73	14606.72	0.95	ppb
Calcium	44-1	13208.52	13060.22	13166.12	13144.96	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.03	130.51	129.99	129.51	1.01	ppb
Cobalt	59-2	129.88	130.88	130.78	130.51	0.42	ppb
Copper	63-2	1313.41	1327.69	1313.12	1318.07	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	6504.47	6597.56	6600.26	6567.43	0.83	ppb
Iron	57-2	6935.53	7020.98	6958.29	6971.60	0.63	ppb
Iron	54-2	7042.37	7116.17	7143.59	7100.71	0.74	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:34:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	594.81	624.70	612.88	610.79	2.46	ppb
Lead	207-1	609.15	628.05	618.02	618.41	1.53	ppb
Lead	208-1	601.87	623.01	618.26	614.38	1.81	ppb
Lithium	6-1				107		%
Magnesium	24-2	12662.17	12805.59	12919.40	12795.72	1.01	ppb
Manganese	55-2	1246.32	1260.20	1286.34	1264.29	1.61	ppb
Molybdenum	94-1	1243.62	1245.09	1255.87	1248.19	0.54	ppb
Molybdenum	95-1	1235.63	1244.19	1257.00	1245.61	0.86	ppb
Molybdenum	96-1	1264.05	1240.36	1267.59	1257.33	1.18	ppb
Molybdenum	97-1	1246.99	1233.15	1232.72	1237.62	0.66	ppb
Molybdenum	98-1	1259.35	1229.01	1236.45	1241.61	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.10	132.31	131.64	131.35	0.86	ppb
Phosphorus	31-2	2410.21	2288.77	2319.48	2339.49	2.70	ppb
Potassium	39-2	6138.58	6335.34	6097.09	6190.34	2.06	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	124.67	128.75	127.44	126.95	1.64	ppb
Selenium	77-2	139.35	136.77	124.46	133.53	5.96	ppb
Selenium	78-2	120.20	133.44	128.43	127.36	5.25	ppb
Silicon	28-1	165.07	163.48	166.52	165.02	0.92	ppb
Silver	107-1	130.37	132.05	132.54	131.66	0.86	ppb
Silver	109-1	129.25	131.02	131.02	130.43	0.78	ppb
Sodium	23-2	12118.90	12216.80	12129.67	12155.13	0.44	ppb
Strontium	86-1	3127.31	3093.85	3122.99	3114.72	0.58	ppb
Strontium	88-1	3102.17	3121.45	3145.85	3123.16	0.70	ppb
Sulfur	34-1	2474.58	2459.47	2522.36	2485.47	1.32	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	112.89	114.25	113.84	113.66	0.62	ppb
Thallium	205-1	112.11	112.70	112.97	112.59	0.39	ppb
Tin	118-1	127.87	126.80	128.61	127.76	0.71	ppb
Titanium	47-1	1294.85	1286.52	1300.30	1293.89	0.54	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:34:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.71	119.64	121.09	119.82	1.00	ppb
Vanadium	51-2	127.82	129.83	129.76	129.14	0.88	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1288.68	1307.48	1315.75	1303.97	1.06	ppb
Zirconium	90-1	124.83	125.83	126.07	125.58	0.52	ppb
Zirconium	91-1	124.26	126.25	125.59	125.37	0.81	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:37:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5101.55	5143.84	5149.16	5131.52	0.51	ppb
Antimony	121-1	245.87	354.97	272.68	291.17	19.53	ppb
Arsenic	75-2	251.99	259.61	255.99	255.87	1.49	ppb
Barium	135-1	1263.66	1840.13	1393.82	1499.20	20.17	ppb
Barium	137-1	1273.85	1805.29	1400.05	1493.06	18.60	ppb
Beryllium	9-1	252.27	346.14	275.86	291.42	16.76	ppb
Bismuth	209-1				87		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	251.18	368.56	282.79	300.84	20.19	ppb
Cadmium	106-1	256.50	370.88	284.22	303.86	19.64	ppb
Cadmium	111-1	258.16	371.38	286.44	305.33	19.30	ppb
Calcium	43-1	29109.14	40844.79	32421.43	34125.12	17.73	ppb
Calcium	44-1	26197.43	36886.45	29944.17	31009.35	17.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.72	260.60	261.89	260.74	0.42	ppb
Cobalt	59-2	259.52	261.02	260.91	260.48	0.32	ppb
Copper	63-2	2618.15	2637.23	2633.03	2629.47	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				100		%
Indium	115-1				80		%
Indium	115-2				90		%
Iron	56-2	13067.19	13183.23	13311.54	13187.32	0.93	ppb
Iron	57-2	13937.86	14008.94	13999.64	13982.15	0.28	ppb
Iron	54-2	14108.00	14270.46	14293.75	14224.07	0.71	ppb
Krypton	83-1						cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:37:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1211.42	1743.17	1366.65	1440.41	18.98	ppb
Lead	207-1	1222.64	1751.88	1371.64	1448.72	18.84	ppb
Lead	208-1	1217.53	1750.47	1367.06	1445.02	19.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	25494.38	25690.18	25914.17	25699.58	0.82	ppb
Manganese	55-2	2517.74	2545.60	2543.46	2535.60	0.61	ppb
Molybdenum	94-1	2495.45	3530.19	2756.01	2927.21	18.39	ppb
Molybdenum	95-1	2529.61	3546.92	2743.87	2940.13	18.24	ppb
Molybdenum	96-1	2502.85	3544.49	2730.80	2926.04	18.71	ppb
Molybdenum	97-1	2528.35	3555.28	2731.25	2938.30	18.51	ppb
Molybdenum	98-1	2519.94	3540.39	2711.18	2923.84	18.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.54	264.17	264.96	264.56	0.15	ppb
Phosphorus	31-2	5255.79	4948.36	4760.06	4988.07	5.02	ppb
Potassium	39-2	12453.45	12463.01	12672.63	12529.70	0.99	ppb
Rhodium	103-1				83		%
Rhodium	103-2				94		%
Scandium	45-1				85		%
Scandium	45-2				95		%
Selenium	82-1	259.16	362.08	284.32	301.85	17.77	ppb
Selenium	77-2	277.84	280.11	271.39	276.44	1.64	ppb
Selenium	78-2	250.23	243.43	261.67	251.78	3.66	ppb
Silicon	28-1	313.79	432.48	345.17	363.81	16.91	ppb
Silver	107-1	263.26	372.04	281.57	305.62	19.06	ppb
Silver	109-1	254.35	367.78	281.18	301.11	19.69	ppb
Sodium	23-2	24543.37	24517.30	24635.70	24565.46	0.25	ppb
Strontium	86-1	6391.32	8876.87	6882.30	7383.50	17.83	ppb
Strontium	88-1	6240.62	8897.76	6919.41	7352.59	18.78	ppb
Sulfur	34-1	4965.58	9343.16	6336.11	6881.62	32.54	ppb
Terbium	159-1				88		%
Terbium	159-2				99		%
Thallium	203-1	225.10	324.25	252.80	267.38	19.13	ppb
Thallium	205-1	245.91	352.68	270.40	289.66	19.31	ppb
Tin	118-1	252.86	362.84	279.11	298.27	19.26	ppb
Titanium	47-1	2523.19	3517.41	2816.87	2952.49	17.30	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:37:44	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	238.45	340.09	263.77	280.77	18.84	ppb
Vanadium	51-2	257.37	259.66	262.22	259.75	0.93	ppb
Yttrium	89-1				85		%
Yttrium	89-2				95		%
Zinc	66-2	2600.23	2635.23	2645.77	2627.08	0.91	ppb
Zirconium	90-1	248.53	356.60	275.39	293.51	19.17	ppb
Zirconium	91-1	253.10	357.65	277.65	296.13	18.46	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:40:40	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10274.44	10304.51	9676.77	10085.24	3.51	ppb
Antimony	121-1	500.15	502.48	501.94	501.52	0.24	ppb
Arsenic	75-2	509.64	504.88	500.05	504.86	0.95	ppb
Barium	135-1	2537.53	2490.21	2540.44	2522.73	1.12	ppb
Barium	137-1	2547.42	2529.31	2499.69	2525.47	0.95	ppb
Beryllium	9-1	499.26	505.51	504.78	503.18	0.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	516.61	504.32	504.93	508.62	1.36	ppb
Cadmium	106-1	507.81	498.41	504.77	503.66	0.95	ppb
Cadmium	111-1	507.14	506.95	507.33	507.14	0.04	ppb
Calcium	43-1	58092.85	58844.24	58338.33	58425.14	0.66	ppb
Calcium	44-1	52727.61	52812.47	53207.71	52915.93	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	519.56	516.91	487.76	508.08	3.47	ppb
Cobalt	59-2	518.07	515.69	488.38	507.38	3.25	ppb
Copper	63-2	5172.04	5147.48	4833.29	5050.94	3.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				85		%
Indium	115-2				83		%
Iron	56-2	26342.72	26423.67	24677.73	25814.71	3.82	ppb
Iron	57-2	27855.43	28014.07	26332.94	27400.81	3.39	ppb
Iron	54-2	26834.44	27380.47	25714.71	26643.21	3.19	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:40:40	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2497.64	2522.90	2484.64	2501.72	0.78	ppb
Lead	207-1	2477.87	2519.00	2471.26	2489.38	1.04	ppb
Lead	208-1	2471.32	2505.97	2483.59	2486.96	0.71	ppb
Lithium	6-1				103		%
Magnesium	24-2	51904.12	51932.06	49643.52	51159.90	2.57	ppb
Manganese	55-2	5119.04	5050.71	4767.54	4979.10	3.74	ppb
Molybdenum	94-1	4966.96	5027.86	5001.89	4998.91	0.61	ppb
Molybdenum	95-1	4986.49	5023.88	4953.40	4987.92	0.71	ppb
Molybdenum	96-1	4981.18	5005.37	4976.36	4987.63	0.31	ppb
Molybdenum	97-1	5012.67	4935.56	4966.11	4971.45	0.78	ppb
Molybdenum	98-1	4951.70	5015.07	4975.09	4980.62	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.87	522.17	491.65	511.90	3.43	ppb
Phosphorus	31-2	10386.42	10606.49	9715.11	10236.01	4.54	ppb
Potassium	39-2	24981.16	25042.25	23219.49	24414.30	4.24	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	507.48	506.71	503.81	506.00	0.38	ppb
Selenium	77-2	501.51	496.53	504.13	500.73	0.77	ppb
Selenium	78-2	508.88	531.88	493.76	511.50	3.75	ppb
Silicon	28-1	551.61	551.88	538.40	547.30	1.41	ppb
Silver	107-1	513.82	512.57	512.64	513.01	0.14	ppb
Silver	109-1	515.25	505.63	504.46	508.45	1.16	ppb
Sodium	23-2	49558.96	49673.27	46429.83	48554.02	3.79	ppb
Strontium	86-1	12503.70	12581.30	12550.44	12545.15	0.31	ppb
Strontium	88-1	12338.86	12376.19	12475.83	12396.96	0.57	ppb
Sulfur	34-1	10230.71	10257.29	10071.96	10186.65	0.98	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	495.66	505.93	503.66	501.75	1.07	ppb
Thallium	205-1	492.88	504.61	499.39	498.96	1.18	ppb
Tin	118-1	505.99	504.63	498.99	503.21	0.74	ppb
Titanium	47-1	5053.01	5038.84	5063.89	5051.91	0.25	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:40:40	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	488.46	501.62	493.61	494.57	1.34	ppb
Vanadium	51-2	523.55	522.84	495.70	514.03	3.09	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	5204.12	5137.40	4879.36	5073.63	3.38	ppb
Zirconium	90-1	497.00	504.00	498.92	499.97	0.72	ppb
Zirconium	91-1	500.72	505.19	503.40	503.10	0.45	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:43:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19294.98	19774.59	19569.70	19546.42	1.23	ppb
Antimony	121-1	962.68	996.45	1007.48	988.87	2.36	ppb
Arsenic	75-2	991.53	990.84	1004.84	995.74	0.79	ppb
Barium	135-1	4920.31	4926.98	4936.21	4927.83	0.16	ppb
Barium	137-1	4857.01	4918.07	5007.52	4927.54	1.54	ppb
Beryllium	9-1	979.24	986.71	996.37	987.44	0.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	970.35	988.39	986.97	981.90	1.02	ppb
Cadmium	106-1	973.37	981.31	996.29	983.66	1.18	ppb
Cadmium	111-1	966.67	980.30	997.67	981.55	1.58	ppb
Calcium	43-1	106581.21	109125.00	107818.98	107841.73	1.18	ppb
Calcium	44-1	102256.79	104496.35	104207.28	103653.48	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	990.38	980.89	1006.64	992.64	1.31	ppb
Cobalt	59-2	998.09	986.61	994.02	992.90	0.59	ppb
Copper	63-2	9975.68	9910.45	9911.15	9932.43	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				75		%
Indium	115-2				68		%
Iron	56-2	51629.22	51260.17	51281.85	51390.41	0.40	ppb
Iron	57-2	51111.48	51837.95	51162.07	51370.50	0.79	ppb
Iron	54-2	52637.41	53158.32	52579.64	52791.79	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:43:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5010.07	4951.57	4900.86	4954.17	1.10	ppb
Lead	207-1	4936.47	4971.29	4964.45	4957.41	0.37	ppb
Lead	208-1	4941.87	4975.55	4960.94	4959.45	0.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	100916.21	100674.47	100888.29	100826.32	0.13	ppb
Manganese	55-2	9992.91	10035.68	9968.30	9998.97	0.34	ppb
Molybdenum	94-1	9818.61	9831.79	10028.18	9892.86	1.19	ppb
Molybdenum	95-1	9743.93	9929.43	10012.95	9895.44	1.39	ppb
Molybdenum	96-1	9764.33	9904.86	10023.89	9897.69	1.31	ppb
Molybdenum	97-1	9868.73	9778.50	10068.34	9905.19	1.50	ppb
Molybdenum	98-1	9835.29	9859.84	10016.49	9903.87	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	983.26	998.61	986.61	989.49	0.82	ppb
Phosphorus	31-2	19426.85	20411.47	19907.00	19915.10	2.47	ppb
Potassium	39-2	48500.83	49142.70	48719.62	48787.72	0.67	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	975.03	977.14	998.65	983.61	1.33	ppb
Selenium	77-2	1005.35	977.53	992.05	991.64	1.40	ppb
Selenium	78-2	994.86	977.17	1008.22	993.42	1.57	ppb
Silicon	28-1	923.52	951.32	951.03	941.96	1.69	ppb
Silver	107-1	965.87	982.54	986.93	978.44	1.14	ppb
Silver	109-1	972.97	976.28	996.88	982.04	1.32	ppb
Sodium	23-2	96523.89	97232.03	96010.99	96588.97	0.63	ppb
Strontium	86-1	24435.40	24470.96	25172.84	24693.07	1.68	ppb
Strontium	88-1	24544.90	24763.61	25012.42	24773.64	0.94	ppb
Sulfur	34-1	19110.95	19589.96	19574.75	19425.22	1.40	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	1000.67	996.02	992.42	996.37	0.41	ppb
Thallium	205-1	988.03	993.01	996.02	992.35	0.41	ppb
Tin	118-1	972.64	990.74	993.94	985.77	1.16	ppb
Titanium	47-1	9726.14	9907.33	9926.51	9853.33	1.12	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:43:31	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	996.35	990.51	1001.15	996.01	0.53	ppb
Vanadium	51-2	980.17	1000.21	989.52	989.96	1.01	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	9873.52	9938.81	9958.80	9923.71	0.45	ppb
Zirconium	90-1	986.85	985.93	994.14	988.97	0.45	ppb
Zirconium	91-1	978.16	973.37	1008.81	986.78	1.95	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:46:19	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97508.91	99028.57	103686.11	100074.53	3.22	ppb
Antimony	121-1	0.61	0.59	0.59	0.60	2.28	ppb
Arsenic	75-2	0.57	0.46	0.76	0.60	24.83	ppb
Barium	135-1	1.93	1.91	1.91	1.92	0.44	ppb
Barium	137-1	1.94	1.87	1.94	1.92	1.94	ppb
Beryllium	9-1	0.40	0.34	0.35	0.36	9.17	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.52	0.41	0.78	0.57	33.46	ppb
Cadmium	106-1	0.55	-0.01	0.59	0.38	88.77	ppb
Cadmium	111-1	0.21	0.18	0.17	0.19	11.41	ppb
Calcium	43-1	498732.09	495480.38	496993.97	497068.81	0.33	ppb
Calcium	44-1	498910.91	497730.18	499318.63	498653.24	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.43	3.41	3.73	3.52	5.16	ppb
Cobalt	59-2	2.60	2.65	2.71	2.65	2.09	ppb
Copper	63-2	1.86	1.82	2.11	1.93	8.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	245130.87	246235.25	257425.65	249597.26	2.73	ppb
Iron	57-2	244445.24	245800.40	257927.56	249391.07	2.98	ppb
Iron	54-2	244259.88	247016.62	256223.47	249166.66	2.51	ppb
Krypton	83-1						cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:46:19	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.22	1.19	1.13	1.18	4.05	ppb
Lead	207-1	1.18	1.15	1.21	1.18	2.53	ppb
Lead	208-1	1.22	1.18	1.16	1.19	2.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	487896.36	496395.29	514728.69	499673.45	2.74	ppb
Manganese	55-2	4.37	4.42	4.78	4.52	4.92	ppb
Molybdenum	94-1	3.03	3.06	2.97	3.02	1.45	ppb
Molybdenum	95-1	2.29	2.41	2.45	2.39	3.58	ppb
Molybdenum	96-1	3.96	4.10	3.82	3.96	3.45	ppb
Molybdenum	97-1	2.30	2.18	2.20	2.22	3.01	ppb
Molybdenum	98-1	2.19	2.08	2.02	2.10	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.84	4.99	4.75	4.86	2.45	ppb
Phosphorus	31-2	-106.20	-171.30	19.92	-85.86		ppb
Potassium	39-2	243895.42	247903.53	259099.36	250299.44	3.15	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	0.64	0.82	0.34	0.60	40.60	ppb
Selenium	77-2	0.00	0.00	0.54	0.18	173.21	ppb
Selenium	78-2	2.07	0.51	-0.24	0.78	151.35	ppb
Silicon	28-1	9.47	7.37	6.21	7.68	21.55	ppb
Silver	107-1	0.14	0.12	0.12	0.13	12.12	ppb
Silver	109-1	0.15	0.11	0.11	0.12	18.27	ppb
Sodium	23-2	489458.51	499323.32	513794.83	500858.88	2.44	ppb
Strontium	86-1	3.76	3.88	3.45	3.70	5.94	ppb
Strontium	88-1	3.91	3.73	3.57	3.74	4.60	ppb
Sulfur	34-1	-52.65	-52.16	120.51	5.23	1908.13	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.16	0.13	0.13	0.14	11.90	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	6.34	ppb
Tin	118-1	0.19	0.18	0.19	0.19	3.80	ppb
Titanium	47-1	1.99	2.30	2.08	2.13	7.60	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:46:19	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.03	0.04	16.32	ppb
Vanadium	51-2	0.24	0.19	0.21	0.21	11.22	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	5.76	5.83	6.25	5.95	4.42	ppb
Zirconium	90-1	0.53	0.50	0.51	0.51	2.59	ppb
Zirconium	91-1	0.53	0.60	0.53	0.55	7.14	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:29:29	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	491.34	494.15	493.37	492.95	0.29	ppb
Antimony	121-1	194.96	203.53	200.32	199.60	2.17	ppb
Arsenic	75-2	199.74	207.67	209.72	205.71	2.56	ppb
Barium	135-1	97.19	98.79	98.38	98.12	0.85	ppb
Barium	137-1	96.95	98.34	99.94	98.41	1.52	ppb
Beryllium	9-1	103.31	97.51	102.40	101.08	3.09	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	89.05	92.50	92.42	91.32	2.16	ppb
Cadmium	106-1	88.44	85.23	86.95	86.87	1.85	ppb
Cadmium	111-1	103.68	108.19	108.71	106.86	2.59	ppb
Calcium	43-1	2017.69	2142.34	2070.28	2076.77	3.01	ppb
Calcium	44-1	2032.04	2143.17	2108.94	2094.72	2.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.44	104.62	104.57	104.54	0.09	ppb
Cobalt	59-2	105.01	106.04	105.43	105.49	0.49	ppb
Copper	63-2	101.63	103.53	103.31	102.83	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	2077.96	2097.67	2118.23	2097.95	0.96	ppb
Iron	57-2	2187.84	2198.21	2209.28	2198.44	0.49	ppb
Iron	54-2	2319.39	2335.55	2313.17	2322.70	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:29:29	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	179.77	191.06	186.80	185.88	3.07	ppb
Lead	207-1	171.89	177.02	178.02	175.64	1.87	ppb
Lead	208-1	187.48	191.31	190.89	189.89	1.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	1220.79	1215.36	1221.69	1219.28	0.28	ppb
Manganese	55-2	103.88	105.14	105.42	104.81	0.79	ppb
Molybdenum	94-1	0.02	0.06	0.04	0.04	56.40	ppb
Molybdenum	95-1	0.04	0.02	0.02	0.03	33.27	ppb
Molybdenum	96-1	0.04	0.06	0.04	0.04	27.25	ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	76.08	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.37	109.32	108.10	107.93	1.38	ppb
Phosphorus	31-2	-105.16	-164.66	-171.58	-147.13		ppb
Potassium	39-2	2084.38	2096.53	2094.79	2091.90	0.31	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	203.09	202.52	208.16	204.59	1.52	ppb
Selenium	77-2	200.68	225.99	200.62	209.10	7.00	ppb
Selenium	78-2	201.86	216.32	209.87	209.35	3.46	ppb
Silicon	28-1	-0.24	-0.14	-0.10	-0.16		ppb
Silver	107-1	50.88	53.91	52.44	52.41	2.90	ppb
Silver	109-1	49.68	51.47	52.28	51.14	2.60	ppb
Sodium	23-2	2008.79	2008.87	2008.37	2008.68	0.01	ppb
Strontium	86-1	0.25	0.26	0.24	0.25	4.05	ppb
Strontium	88-1	0.24	0.25	0.25	0.25	2.37	ppb
Sulfur	34-1	-222.69	177.33	79.82	11.49	1815.68	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	174.54	178.28	180.52	177.78	1.70	ppb
Thallium	205-1	190.38	196.73	195.21	194.11	1.71	ppb
Tin	118-1	0.00	0.00	0.00	0.00	413.17	ppb
Titanium	47-1	-0.08	-0.04	-0.08	-0.07		ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:29:29	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	146.23	ppb
Vanadium	51-2	99.89	102.02	102.76	101.56	1.47	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	207.68	208.04	204.48	206.73	0.95	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	16.17	ppb
Zirconium	91-1	0.06	0.05	0.03	0.05	27.19	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:33:12	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.08	0.00	-0.08		ppb
Antimony	121-1	0.08	0.10	0.12	0.10	19.98	ppb
Arsenic	75-2	0.02	0.00	0.03	0.02	81.14	ppb
Barium	135-1	-0.02	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.01	-0.01	0.00	0.00	1520.17	ppb
Beryllium	9-1	0.04	0.06	0.10	0.07	46.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.04	-0.03	0.01	528.28	ppb
Cadmium	106-1	-0.81	-1.14	-0.58	-0.84		ppb
Cadmium	111-1	-0.06	-0.09	-0.04	-0.06		ppb
Calcium	43-1	-3.20	-2.88	-0.76	-2.28		ppb
Calcium	44-1	0.54	0.00	0.97	0.50	96.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	0.03	0.00		ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	176.79	ppb
Copper	63-2	-0.03	0.00	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	0.72	0.86	0.96	0.85	14.49	ppb
Iron	57-2	-1.49	-0.48	0.45	-0.51		ppb
Iron	54-2	-0.21	0.64	-0.10	0.11	427.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:33:12	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.01	0.02	43.26	ppb
Lead	207-1	0.03	0.03	0.02	0.03	10.06	ppb
Lead	208-1	0.03	0.02	0.02	0.03	16.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.95	-0.37	-0.90	-0.74		ppb
Manganese	55-2	0.02	0.00	0.03	0.02	96.94	ppb
Molybdenum	94-1	0.01	0.02	-0.01	0.01	194.32	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	64.75	ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	76.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-189.87	-160.96	-233.07	-194.63		ppb
Potassium	39-2	-5.06	-6.42	-0.91	-4.13		ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	-0.42	-0.16	-0.18	-0.25		ppb
Selenium	77-2	0.00	0.44	0.00	0.15	173.21	ppb
Selenium	78-2	2.29	-0.65	1.30	0.98	152.67	ppb
Silicon	28-1	-0.10	-0.03	0.08	-0.02		ppb
Silver	107-1	0.03	0.03	0.02	0.02	13.91	ppb
Silver	109-1	0.03	0.02	0.02	0.03	28.79	ppb
Sodium	23-2	4.58	4.96	5.39	4.98	8.10	ppb
Strontium	86-1	0.02	0.00	0.01	0.01	131.13	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	34.68	ppb
Sulfur	34-1	66.12	175.19	195.04	145.45	47.72	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.01	0.01	0.01	7.40	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	31.08	ppb
Tin	118-1	0.00	0.00	0.00	0.00	18.53	ppb
Titanium	47-1	-0.05	-0.06	-0.04	-0.05		ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:33:12	DataFile Name :	017CCBE.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	0.01	54.33	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	0.07	0.02	0.06	0.05	58.59	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	66.57	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:38:37	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92892.33	92621.45	91633.15	92382.31	0.72	ppb
Antimony	121-1	1.13	1.15	1.09	1.12	2.70	ppb
Arsenic	75-2	0.43	0.33	0.37	0.38	14.00	ppb
Barium	135-1	1.35	1.43	1.40	1.39	2.72	ppb
Barium	137-1	1.40	1.35	1.35	1.36	2.01	ppb
Beryllium	9-1	0.36	0.33	0.39	0.36	8.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.50	8.41	8.42	8.44	0.58	ppb
Cadmium	106-1	-1.51	-1.71	-1.62	-1.62		ppb
Cadmium	111-1	0.31	0.27	0.20	0.26	20.57	ppb
Calcium	43-1	99469.92	100292.23	99580.95	99781.04	0.45	ppb
Calcium	44-1	100160.48	101245.24	100065.38	100490.36	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.68	20.61	20.40	20.56	0.72	ppb
Cobalt	59-2	1.28	1.25	1.27	1.27	1.25	ppb
Copper	63-2	7.62	7.83	7.69	7.71	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	105298.51	105485.30	105635.01	105472.94	0.16	ppb
Iron	57-2	104419.32	105159.01	103701.08	104426.47	0.70	ppb
Iron	54-2	106835.42	104660.53	105459.83	105651.93	1.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:38:37	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.41	4.36	4.44	4.40	1.00	ppb
Lead	207-1	3.89	3.86	3.90	3.88	0.49	ppb
Lead	208-1	4.03	4.05	4.11	4.06	0.97	ppb
Lithium	6-1				103		%
Magnesium	24-2	97890.90	98929.72	97138.99	97986.54	0.92	ppb
Manganese	55-2	8.06	8.38	8.14	8.19	2.07	ppb
Molybdenum	94-1	1752.83	1733.98	1752.05	1746.29	0.61	ppb
Molybdenum	95-1	2195.58	2216.41	2191.16	2201.05	0.61	ppb
Molybdenum	96-1	2134.41	2153.66	2174.36	2154.14	0.93	ppb
Molybdenum	97-1	2164.90	2212.97	2181.59	2186.49	1.12	ppb
Molybdenum	98-1	2190.67	2221.59	2176.85	2196.37	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.42	5.45	5.77	5.55	3.46	ppb
Phosphorus	31-2	1037014.37	1043304.57	1033867.75	1038062.23	0.46	ppb
Potassium	39-2	99339.10	100235.43	98713.56	99429.36	0.77	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.19	-0.42	0.47	-0.05		ppb
Selenium	77-2	0.50	0.00	0.50	0.33	86.60	ppb
Selenium	78-2	0.94	0.76	1.09	0.93	17.70	ppb
Silicon	28-1	1.44	1.45	1.33	1.41	4.67	ppb
Silver	107-1	0.08	0.08	0.07	0.08	6.55	ppb
Silver	109-1	0.08	0.08	0.07	0.08	5.59	ppb
Sodium	23-2	99228.40	99417.92	97721.22	98789.18	0.94	ppb
Strontium	86-1	34.76	35.18	35.47	35.14	1.01	ppb
Strontium	88-1	34.84	35.38	35.05	35.09	0.78	ppb
Sulfur	34-1	98214.74	99074.42	98097.42	98462.19	0.54	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.15	0.18	0.15	25.47	ppb
Thallium	205-1	0.12	0.16	0.16	0.15	14.45	ppb
Tin	118-1	0.02	0.02	0.02	0.02	5.83	ppb
Titanium	47-1	2323.06	2345.02	2304.22	2324.10	0.88	ppb

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:38:37	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.01	0.01	20.41	ppb
Vanadium	51-2	0.20	0.21	0.23	0.21	7.36	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	11.13	12.16	11.09	11.46	5.28	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	51.62	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	103.41	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:53:19	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92099.35	92501.11	86357.70	90319.39	3.81	ppb
Antimony	121-1	22.42	20.88	21.29	21.53	3.69	ppb
Arsenic	75-2	20.42	21.05	19.64	20.37	3.47	ppb
Barium	135-1	22.30	20.91	21.36	21.52	3.31	ppb
Barium	137-1	22.21	21.03	21.59	21.61	2.73	ppb
Beryllium	9-1	20.72	18.72	19.48	19.64	5.14	ppb
Bismuth	209-1				92		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.20	26.22	26.87	27.76	7.69	ppb
Cadmium	106-1	16.47	12.96	13.83	14.42	12.68	ppb
Cadmium	111-1	21.72	20.03	20.39	20.71	4.29	ppb
Calcium	43-1	107502.34	101500.29	102776.06	103926.23	3.04	ppb
Calcium	44-1	107557.30	99882.63	102006.14	103148.69	3.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.97	40.70	38.73	40.13	3.05	ppb
Cobalt	59-2	21.58	21.66	20.28	21.18	3.65	ppb
Copper	63-2	27.13	27.19	25.28	26.53	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	106053.53	106171.16	98761.81	103662.16	4.09	ppb
Iron	57-2	104764.37	104049.95	99717.05	102843.79	2.66	ppb
Iron	54-2	104928.71	105984.98	99913.43	103609.04	3.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:53:19	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.39	23.69	23.81	24.30	3.90	ppb
Lead	207-1	24.32	22.32	22.76	23.13	4.55	ppb
Lead	208-1	24.53	22.67	23.00	23.40	4.23	ppb
Lithium	6-1				98		%
Magnesium	24-2	99255.94	100200.23	93240.45	97565.54	3.87	ppb
Manganese	55-2	29.27	29.41	27.13	28.61	4.47	ppb
Molybdenum	94-1	1907.75	1775.88	1825.49	1836.37	3.63	ppb
Molybdenum	95-1	2372.68	2192.28	2272.88	2279.28	3.96	ppb
Molybdenum	96-1	2297.88	2161.02	2211.48	2223.46	3.11	ppb
Molybdenum	97-1	2337.21	2197.31	2263.98	2266.17	3.09	ppb
Molybdenum	98-1	2352.35	2218.85	2257.47	2276.22	3.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.07	25.94	24.14	25.39	4.25	ppb
Phosphorus	31-2	1053316.82	1051409.56	987536.86	1030754.41	3.63	ppb
Potassium	39-2	100377.87	100297.48	93584.53	98086.63	3.98	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	22.07	21.27	20.74	21.36	3.14	ppb
Selenium	77-2	18.90	20.66	26.81	22.12	18.77	ppb
Selenium	78-2	18.46	22.19	16.14	18.93	16.12	ppb
Silicon	28-1	1.91	1.46	1.64	1.67	13.41	ppb
Silver	107-1	20.23	18.93	19.55	19.57	3.32	ppb
Silver	109-1	20.02	18.88	19.09	19.33	3.16	ppb
Sodium	23-2	99238.82	99625.13	93471.14	97445.03	3.54	ppb
Strontium	86-1	38.11	35.62	36.20	36.65	3.55	ppb
Strontium	88-1	37.77	35.33	35.90	36.34	3.51	ppb
Sulfur	34-1	107752.29	97899.20	99976.58	101876.02	5.10	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	20.39	18.85	19.15	19.46	4.19	ppb
Thallium	205-1	20.27	18.80	18.98	19.35	4.14	ppb
Tin	118-1	0.01	0.01	0.02	0.01	17.35	ppb
Titanium	47-1	2499.30	2325.19	2371.12	2398.53	3.76	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:53:19	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	9.56	ppb
Vanadium	51-2	20.51	20.56	19.26	20.11	3.66	ppb
Yttrium	89-1				92		%
Yttrium	89-2				96		%
Zinc	66-2	32.36	32.43	30.25	31.68	3.90	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	10.43	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	29.36	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:56:30	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49447.59	49607.92	48064.33	49039.94	1.73	ppb
Antimony	121-1	488.33	522.67	517.21	509.40	3.62	ppb
Arsenic	75-2	515.56	520.49	504.76	513.60	1.57	ppb
Barium	135-1	2466.03	2610.28	2627.72	2568.01	3.46	ppb
Barium	137-1	2488.62	2613.40	2610.12	2570.72	2.77	ppb
Beryllium	9-1	493.25	528.86	527.52	516.54	3.91	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	475.33	496.49	493.83	488.55	2.36	ppb
Cadmium	106-1	471.11	494.03	500.70	488.61	3.18	ppb
Cadmium	111-1	471.72	491.43	496.86	486.67	2.72	ppb
Calcium	43-1	250750.53	258332.18	261170.54	256751.08	2.10	ppb
Calcium	44-1	245247.07	257137.35	260289.36	254224.59	3.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.58	529.91	516.05	522.85	1.33	ppb
Cobalt	59-2	509.57	513.84	500.39	507.94	1.35	ppb
Copper	63-2	4956.94	5004.46	4836.42	4932.61	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				83		%
Indium	115-2				78		%
Iron	56-2	129068.46	131097.17	126448.43	128871.35	1.81	ppb
Iron	57-2	128244.79	129055.52	126995.41	128098.58	0.81	ppb
Iron	54-2	131354.46	129732.24	127046.20	129377.63	1.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:56:30	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2491.14	2621.24	2708.22	2606.87	4.19	ppb
Lead	207-1	2469.19	2610.80	2683.15	2587.71	4.21	ppb
Lead	208-1	2460.58	2632.45	2686.40	2593.14	4.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	247754.29	250362.13	244343.78	247486.73	1.22	ppb
Manganese	55-2	5154.82	5102.52	5002.23	5086.52	1.52	ppb
Molybdenum	94-1	4912.80	5191.55	5211.06	5105.14	3.27	ppb
Molybdenum	95-1	4905.72	5224.43	5183.19	5104.45	3.40	ppb
Molybdenum	96-1	4887.94	5190.69	5222.95	5100.53	3.62	ppb
Molybdenum	97-1	4934.32	5237.19	5182.93	5118.15	3.16	ppb
Molybdenum	98-1	4972.76	5202.18	5223.63	5132.85	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.89	512.45	494.08	504.81	1.90	ppb
Phosphorus	31-2	10413.57	10327.11	9869.20	10203.29	2.87	ppb
Potassium	39-2	123484.03	126965.49	123756.67	124735.40	1.55	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	465.66	495.61	498.69	486.66	3.75	ppb
Selenium	77-2	540.87	491.44	495.54	509.28	5.39	ppb
Selenium	78-2	520.80	489.33	502.46	504.19	3.14	ppb
Silicon	28-1	263.97	265.12	269.91	266.33	1.18	ppb
Silver	107-1	468.28	498.19	497.40	487.96	3.49	ppb
Silver	109-1	466.97	488.27	490.53	481.92	2.70	ppb
Sodium	23-2	249990.80	250350.80	244356.47	248232.69	1.35	ppb
Strontium	86-1	12297.81	13186.67	13019.38	12834.62	3.68	ppb
Strontium	88-1	12207.65	12973.61	12987.48	12722.91	3.51	ppb
Sulfur	34-1	9324.44	10022.12	10356.30	9900.95	5.32	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	499.58	533.70	537.29	523.52	3.98	ppb
Thallium	205-1	503.00	525.64	547.63	525.42	4.25	ppb
Tin	118-1	486.12	513.64	513.21	504.32	3.13	ppb
Titanium	47-1	4893.45	5201.75	5223.86	5106.35	3.62	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:56:30	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	515.83	541.27	542.83	533.31	2.84	ppb
Vanadium	51-2	536.61	539.67	525.10	533.80	1.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	4994.25	5033.62	4891.90	4973.26	1.47	ppb
Zirconium	90-1	481.31	517.42	507.33	502.02	3.71	ppb
Zirconium	91-1	483.62	522.78	521.24	509.21	4.35	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:59:52	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	0.82	1.09	0.87	23.74	ppb
Antimony	121-1	0.17	0.19	0.20	0.19	7.73	ppb
Arsenic	75-2	0.03	0.05	0.02	0.03	42.66	ppb
Barium	135-1	0.06	0.04	0.03	0.04	30.38	ppb
Barium	137-1	0.07	0.05	0.04	0.05	34.70	ppb
Beryllium	9-1	0.16	0.11	0.10	0.12	26.07	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	-0.03	0.01	0.03	232.48	ppb
Cadmium	106-1	-1.41	-1.30	-2.44	-1.72		ppb
Cadmium	111-1	-0.06	-0.07	-0.16	-0.10		ppb
Calcium	43-1	5.91	5.62	2.13	4.55	46.18	ppb
Calcium	44-1	5.41	4.20	4.03	4.54	16.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	0.01	-0.01		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	61.72	ppb
Copper	63-2	0.26	0.21	0.21	0.23	13.68	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				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	4.60	4.83	4.48	4.64	3.87	ppb
Iron	57-2	2.41	1.64	4.10	2.71	46.35	ppb
Iron	54-2	3.99	3.44	2.80	3.41	17.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:59:52	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.12	0.12	0.13	4.74	ppb
Lead	207-1	0.12	0.13	0.10	0.12	14.32	ppb
Lead	208-1	0.13	0.12	0.11	0.12	7.05	ppb
Lithium	6-1				105		%
Magnesium	24-2	3.61	2.67	3.10	3.13	15.09	ppb
Manganese	55-2	0.15	0.12	0.09	0.12	21.64	ppb
Molybdenum	94-1	0.27	0.31	0.26	0.28	9.44	ppb
Molybdenum	95-1	0.25	0.21	0.20	0.22	12.20	ppb
Molybdenum	96-1	0.21	0.23	0.20	0.21	7.50	ppb
Molybdenum	97-1	0.26	0.22	0.22	0.23	9.38	ppb
Molybdenum	98-1	0.25	0.22	0.21	0.23	7.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.05	-0.03	-0.03		ppb
Phosphorus	31-2	-110.15	-113.80	-163.15	-129.04		ppb
Potassium	39-2	0.42	2.79	2.76	1.99	68.14	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.67	-0.07	0.19	-0.18		ppb
Selenium	77-2	0.00	0.50	1.00	0.50	100.22	ppb
Selenium	78-2	0.11	-0.24	-0.95	-0.36		ppb
Silicon	28-1	0.44	0.39	0.27	0.37	23.47	ppb
Silver	107-1	0.05	0.05	0.02	0.04	37.38	ppb
Silver	109-1	0.06	0.04	0.04	0.05	17.69	ppb
Sodium	23-2	47.53	44.19	44.12	45.28	4.30	ppb
Strontium	86-1	0.29	0.20	0.16	0.22	29.51	ppb
Strontium	88-1	0.27	0.21	0.19	0.22	17.93	ppb
Sulfur	34-1	-58.66	-84.08	-128.06	-90.26		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.03	0.03	0.03	19.01	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	17.68	ppb
Tin	118-1	0.04	0.04	0.05	0.04	5.58	ppb
Titanium	47-1	0.09	0.22	0.27	0.20	46.59	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:59:52	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	6.98	ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	97.73	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.38	0.30	0.28	0.32	16.87	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	2.08	ppb
Zirconium	91-1	0.02	0.01	0.03	0.02	39.43	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:00:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43850.24	31688.81	34535.31	36691.45	17.34	ppb
Antimony	121-1	1.73	1.72	1.75	1.73	0.82	ppb
Arsenic	75-2	159.80	111.73	124.95	132.16	18.79	ppb
Barium	135-1	272.11	276.47	272.94	273.84	0.85	ppb
Barium	137-1	272.95	277.16	276.74	275.62	0.84	ppb
Beryllium	9-1	1.70	1.72	1.63	1.68	2.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.93	2.22	2.18	2.11	7.42	ppb
Cadmium	106-1	3.62	3.29	2.48	3.13	18.87	ppb
Cadmium	111-1	1.65	1.57	1.67	1.63	3.27	ppb
Calcium	43-1	12797.62	12991.54	12730.27	12839.81	1.06	ppb
Calcium	44-1	12197.75	12254.43	11961.36	12137.85	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.30	43.25	48.25	50.60	17.32	ppb
Cobalt	59-2	51.31	36.57	40.90	42.93	17.66	ppb
Copper	63-2	188.81	134.80	150.72	158.11	17.55	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				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	121295.08	86533.76	97622.04	101816.96	17.44	ppb
Iron	57-2	119174.30	85174.11	96538.64	100295.68	17.26	ppb
Iron	54-2	121991.29	88073.19	97616.93	102560.47	17.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:00:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.12	86.91	87.74	87.59	0.71	ppb
Lead	207-1	89.79	88.39	90.43	89.54	1.17	ppb
Lead	208-1	88.07	87.15	88.98	88.07	1.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	15449.32	11042.75	12309.57	12933.88	17.54	ppb
Manganese	55-2	1689.46	1225.97	1386.66	1434.03	16.41	ppb
Molybdenum	94-1	17.83	18.35	18.29	18.16	1.55	ppb
Molybdenum	95-1	1.40	1.43	1.40	1.41	1.12	ppb
Molybdenum	96-1	3.88	3.95	3.82	3.88	1.62	ppb
Molybdenum	97-1	1.40	1.41	1.49	1.44	3.63	ppb
Molybdenum	98-1	1.40	1.37	1.39	1.38	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.79	33.18	37.12	39.03	17.95	ppb
Phosphorus	31-2	30935.77	22205.53	24115.91	25752.40	17.82	ppb
Potassium	39-2	6906.77	4897.96	5507.98	5770.90	17.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	0.68	0.85	1.43	0.98	39.82	ppb
Selenium	77-2	18.37	9.96	16.19	14.84	29.40	ppb
Selenium	78-2	7.22	3.12	3.23	4.52	51.60	ppb
Silicon	28-1	437.37	446.14	430.60	438.04	1.78	ppb
Silver	107-1	0.73	0.68	0.67	0.69	4.33	ppb
Silver	109-1	0.70	0.67	0.70	0.69	2.19	ppb
Sodium	23-2	233.34	161.09	186.81	193.75	18.90	ppb
Strontium	86-1	65.83	66.76	67.26	66.62	1.09	ppb
Strontium	88-1	65.25	66.55	66.86	66.22	1.29	ppb
Sulfur	34-1	-53.98	-129.86	-372.42	-185.42		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.27	0.29	0.29	0.28	5.48	ppb
Thallium	205-1	0.28	0.29	0.28	0.28	1.73	ppb
Tin	118-1	0.35	0.35	0.36	0.35	1.52	ppb
Titanium	47-1	1697.12	1731.47	1689.49	1706.03	1.31	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:00:47	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.90	0.94	0.91	2.99	ppb
Vanadium	51-2	241.38	171.72	192.40	201.83	17.73	ppb
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	456.41	329.14	367.04	384.20	17.01	ppb
Zirconium	90-1	8.44	8.65	8.43	8.51	1.45	ppb
Zirconium	91-1	8.50	8.76	8.63	8.63	1.53	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34206.65	33925.89	33108.81	33747.12	1.69	ppb
Antimony	121-1	1.63	1.61	1.66	1.63	1.46	ppb
Arsenic	75-2	120.56	117.93	118.47	118.99	1.16	ppb
Barium	135-1	260.33	261.94	269.93	264.07	1.95	ppb
Barium	137-1	262.83	262.02	266.47	263.77	0.90	ppb
Beryllium	9-1	1.45	1.47	1.44	1.45	1.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	1.69	2.18	2.10	18.19	ppb
Cadmium	106-1	3.13	2.13	3.69	2.98	26.63	ppb
Cadmium	111-1	1.61	1.56	1.67	1.62	3.62	ppb
Calcium	43-1	12214.76	12513.48	12271.76	12333.33	1.29	ppb
Calcium	44-1	11244.75	11624.55	11595.84	11488.38	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.54	45.74	45.03	45.77	1.66	ppb
Cobalt	59-2	38.82	38.63	38.47	38.64	0.45	ppb
Copper	63-2	147.59	147.67	143.31	146.19	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	95394.19	95339.27	93277.29	94670.25	1.27	ppb
Iron	57-2	94559.32	93178.82	92638.05	93458.73	1.06	ppb
Iron	54-2	95576.15	95182.00	92918.87	94559.00	1.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.54	83.47	86.23	84.42	1.86	ppb
Lead	207-1	86.00	84.46	87.00	85.82	1.49	ppb
Lead	208-1	85.48	84.35	85.32	85.05	0.72	ppb
Lithium	6-1				107		%
Magnesium	24-2	12133.79	12048.57	12004.40	12062.25	0.55	ppb
Manganese	55-2	1336.22	1346.36	1301.29	1327.96	1.78	ppb
Molybdenum	94-1	17.44	17.05	17.77	17.42	2.06	ppb
Molybdenum	95-1	1.31	1.41	1.36	1.36	3.86	ppb
Molybdenum	96-1	3.69	3.59	3.94	3.74	4.78	ppb
Molybdenum	97-1	1.23	1.19	1.30	1.24	4.69	ppb
Molybdenum	98-1	1.31	1.29	1.41	1.34	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.99	36.96	35.66	36.20	1.86	ppb
Phosphorus	31-2	25229.92	24976.77	24133.80	24780.16	2.32	ppb
Potassium	39-2	5430.74	5390.41	5310.29	5377.15	1.14	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	0.87	0.21	0.87	0.65	58.65	ppb
Selenium	77-2	7.83	11.43	7.84	9.03	22.98	ppb
Selenium	78-2	2.87	2.14	3.95	2.99	30.51	ppb
Silicon	28-1	425.10	433.48	436.27	431.62	1.35	ppb
Silver	107-1	0.56	0.60	0.59	0.58	3.76	ppb
Silver	109-1	0.62	0.59	0.63	0.61	2.69	ppb
Sodium	23-2	198.54	198.69	199.29	198.84	0.20	ppb
Strontium	86-1	62.63	61.27	65.42	63.11	3.35	ppb
Strontium	88-1	63.84	62.01	64.82	63.56	2.24	ppb
Sulfur	34-1	-754.29	-710.16	-785.26	-749.91		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.27	0.30	0.30	0.29	7.12	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	3.75	ppb
Tin	118-1	0.32	0.33	0.33	0.33	2.10	ppb
Titanium	47-1	1551.16	1587.27	1581.91	1573.45	1.24	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.88	0.91	0.90	3.05	ppb
Vanadium	51-2	186.98	187.01	184.20	186.06	0.87	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	361.30	356.60	351.56	356.49	1.37	ppb
Zirconium	90-1	7.99	7.83	8.38	8.07	3.46	ppb
Zirconium	91-1	7.82	7.76	8.55	8.04	5.46	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 19:07:17	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7532.68	7572.24	7566.40	7557.11	0.28	ppb
Antimony	121-1	0.33	0.34	0.34	0.34	0.35	ppb
Arsenic	75-2	25.59	27.09	26.58	26.42	2.88	ppb
Barium	135-1	54.66	53.44	53.44	53.85	1.31	ppb
Barium	137-1	54.42	53.40	53.82	53.88	0.95	ppb
Beryllium	9-1	0.24	0.24	0.26	0.25	6.14	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.21	0.31	0.29	25.20	ppb
Cadmium	106-1	0.06	-0.92	-1.84	-0.90		ppb
Cadmium	111-1	0.26	0.21	0.14	0.20	29.03	ppb
Calcium	43-1	2660.62	2664.98	2692.61	2672.74	0.65	ppb
Calcium	44-1	2667.96	2700.37	2712.77	2693.70	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.16	10.29	9.96	10.13	1.65	ppb
Cobalt	59-2	8.55	8.64	8.61	8.60	0.51	ppb
Copper	63-2	32.18	32.30	32.81	32.43	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	20607.99	20683.84	20464.60	20585.48	0.54	ppb
Iron	57-2	21553.58	21674.94	21406.60	21545.04	0.62	ppb
Iron	54-2	20664.40	20718.33	20553.91	20645.55	0.41	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 19:07:17	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.08	17.61	16.93	17.21	2.06	ppb
Lead	207-1	17.59	18.17	17.45	17.74	2.15	ppb
Lead	208-1	17.24	17.75	17.05	17.35	2.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	2682.69	2699.70	2690.88	2691.09	0.32	ppb
Manganese	55-2	293.49	294.47	293.66	293.87	0.18	ppb
Molybdenum	94-1	3.78	3.91	3.78	3.82	1.99	ppb
Molybdenum	95-1	0.36	0.37	0.33	0.35	5.40	ppb
Molybdenum	96-1	0.87	0.82	0.91	0.86	5.04	ppb
Molybdenum	97-1	0.29	0.40	0.36	0.35	14.93	ppb
Molybdenum	98-1	0.33	0.35	0.35	0.34	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.81	7.92	7.96	7.90	1.03	ppb
Phosphorus	31-2	4824.72	5042.83	4902.13	4923.23	2.25	ppb
Potassium	39-2	1248.64	1225.23	1234.24	1236.04	0.95	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.17	0.33	0.03	0.18	84.40	ppb
Selenium	77-2	3.84	2.42	2.42	2.89	28.32	ppb
Selenium	78-2	1.17	0.36	0.94	0.82	50.69	ppb
Silicon	28-1	90.37	89.74	90.12	90.08	0.35	ppb
Silver	107-1	0.12	0.14	0.13	0.13	6.00	ppb
Silver	109-1	0.12	0.12	0.14	0.13	7.21	ppb
Sodium	23-2	58.79	59.00	59.44	59.08	0.56	ppb
Strontium	86-1	13.95	14.33	13.98	14.09	1.50	ppb
Strontium	88-1	13.93	14.05	13.81	13.93	0.88	ppb
Sulfur	34-1	-972.65	-915.72	-956.64	-948.34		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.07	0.04	0.05	23.40	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	15.04	ppb
Tin	118-1	0.08	0.08	0.08	0.08	0.28	ppb
Titanium	47-1	348.32	350.87	351.87	350.35	0.52	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 19:07:17	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.19	0.19	0.19	0.85	ppb
Vanadium	51-2	40.22	40.86	40.11	40.40	1.01	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	80.40	79.49	79.00	79.63	0.90	ppb
Zirconium	90-1	1.72	1.75	1.76	1.74	1.10	ppb
Zirconium	91-1	1.70	1.76	1.76	1.74	2.14	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:10:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37531.96	36657.55	37016.87	37068.79	1.19	ppb
Antimony	121-1	60.12	60.26	60.76	60.38	0.56	ppb
Arsenic	75-2	153.43	147.18	149.45	150.02	2.11	ppb
Barium	135-1	1482.78	1472.65	1486.35	1480.59	0.48	ppb
Barium	137-1	1470.94	1476.77	1469.73	1472.48	0.26	ppb
Beryllium	9-1	28.83	29.49	29.55	29.29	1.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.89	28.05	28.49	28.47	1.47	ppb
Cadmium	106-1	28.76	28.11	29.44	28.77	2.30	ppb
Cadmium	111-1	31.78	32.05	32.28	32.04	0.78	ppb
Calcium	43-1	12998.73	13251.93	13116.59	13122.42	0.97	ppb
Calcium	44-1	12174.38	12527.63	12232.34	12311.45	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167.79	168.36	169.63	168.59	0.56	ppb
Cobalt	59-2	335.88	335.83	334.47	335.39	0.24	ppb
Copper	63-2	300.18	298.55	296.42	298.38	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	102072.03	101665.14	101796.28	101844.48	0.20	ppb
Iron	57-2	100672.34	101315.34	99009.14	100332.27	1.19	ppb
Iron	54-2	101860.93	102771.24	102267.04	102299.73	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:10:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	101.18	101.38	102.96	101.84	0.96	ppb
Lead	207-1	104.71	102.90	104.57	104.06	0.97	ppb
Lead	208-1	101.99	101.68	103.37	102.35	0.88	ppb
Lithium	6-1				105		%
Magnesium	24-2	12909.80	12785.87	12950.27	12881.98	0.66	ppb
Manganese	55-2	1721.97	1733.49	1715.21	1723.56	0.54	ppb
Molybdenum	94-1	18.33	18.55	18.98	18.62	1.78	ppb
Molybdenum	95-1	1.43	1.40	1.44	1.42	1.64	ppb
Molybdenum	96-1	3.78	4.09	4.06	3.98	4.33	ppb
Molybdenum	97-1	1.43	1.41	1.39	1.41	1.44	ppb
Molybdenum	98-1	1.41	1.45	1.48	1.45	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	335.01	331.80	334.71	333.84	0.53	ppb
Phosphorus	31-2	25535.89	25026.30	24718.51	25093.57	1.65	ppb
Potassium	39-2	5769.60	5767.32	5628.99	5721.97	1.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	60.67	60.71	61.20	60.86	0.49	ppb
Selenium	77-2	84.90	70.93	61.18	72.34	16.48	ppb
Selenium	78-2	62.38	61.43	64.07	62.63	2.14	ppb
Silicon	28-1	444.38	448.05	446.14	446.19	0.41	ppb
Silver	107-1	30.29	30.47	30.62	30.46	0.55	ppb
Silver	109-1	29.57	29.93	30.45	29.98	1.47	ppb
Sodium	23-2	199.89	202.53	204.26	202.23	1.09	ppb
Strontium	86-1	68.03	67.85	69.18	68.35	1.06	ppb
Strontium	88-1	67.82	68.37	69.18	68.46	1.00	ppb
Sulfur	34-1	-737.10	-762.34	-800.15	-766.53		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	27.56	27.41	27.70	27.56	0.53	ppb
Thallium	205-1	27.33	27.03	27.69	27.35	1.21	ppb
Tin	118-1	0.34	0.35	0.35	0.35	1.86	ppb
Titanium	47-1	1727.12	1743.11	1733.55	1734.59	0.46	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:10:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.97	0.97	0.96	1.12	ppb
Vanadium	51-2	491.42	489.47	491.47	490.79	0.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	678.69	678.39	680.94	679.34	0.21	ppb
Zirconium	90-1	8.54	8.69	8.85	8.69	1.77	ppb
Zirconium	91-1	8.66	8.75	8.78	8.73	0.76	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:13:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41351.42	40910.58	41403.56	41221.85	0.66	ppb
Antimony	121-1	286.40	296.15	297.30	293.29	2.04	ppb
Arsenic	75-2	236.31	237.07	232.42	235.26	1.06	ppb
Barium	135-1	6068.00	6113.62	6188.85	6123.49	1.00	ppb
Barium	137-1	6102.85	6159.34	6164.32	6142.17	0.56	ppb
Beryllium	9-1	134.78	138.77	138.29	137.28	1.59	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	131.01	129.13	132.39	130.85	1.25	ppb
Cadmium	106-1	124.26	128.71	128.71	127.23	2.02	ppb
Cadmium	111-1	150.33	151.58	153.88	151.93	1.19	ppb
Calcium	43-1	12585.41	13007.91	12759.59	12784.30	1.66	ppb
Calcium	44-1	11926.29	12307.65	12180.07	12138.00	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	630.61	623.16	633.93	629.24	0.88	ppb
Cobalt	59-2	1490.39	1458.26	1467.54	1472.06	1.12	ppb
Copper	63-2	866.24	848.39	857.67	857.43	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	104674.29	103432.29	103719.29	103941.95	0.63	ppb
Iron	57-2	103081.81	102642.54	102751.64	102825.33	0.22	ppb
Iron	54-2	104869.43	102832.93	103197.06	103633.14	1.05	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:13:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	141.13	145.58	143.29	143.34	1.55	ppb
Lead	207-1	142.75	147.54	144.25	144.84	1.69	ppb
Lead	208-1	142.50	145.37	143.90	143.92	1.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	12531.99	12613.14	12762.89	12636.01	0.93	ppb
Manganese	55-2	2868.15	2793.61	2830.79	2830.85	1.32	ppb
Molybdenum	94-1	17.86	18.31	18.60	18.26	2.04	ppb
Molybdenum	95-1	1.36	1.41	1.56	1.44	7.04	ppb
Molybdenum	96-1	3.91	4.01	4.03	3.98	1.57	ppb
Molybdenum	97-1	1.53	1.40	1.35	1.43	6.39	ppb
Molybdenum	98-1	1.40	1.41	1.51	1.44	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1493.42	1477.03	1497.87	1489.44	0.74	ppb
Phosphorus	31-2	25184.03	25542.18	26718.29	25814.83	3.11	ppb
Potassium	39-2	5762.34	5608.68	5562.27	5644.43	1.86	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	311.45	318.04	321.71	317.06	1.64	ppb
Selenium	77-2	331.50	338.18	319.12	329.60	2.93	ppb
Selenium	78-2	312.82	317.12	310.35	313.43	1.09	ppb
Silicon	28-1	428.58	445.99	436.51	437.03	1.99	ppb
Silver	107-1	123.66	135.02	142.09	133.59	6.96	ppb
Silver	109-1	125.66	123.77	135.05	128.16	4.71	ppb
Sodium	23-2	205.79	208.89	210.61	208.43	1.17	ppb
Strontium	86-1	64.74	67.19	67.71	66.55	2.38	ppb
Strontium	88-1	64.98	66.64	67.92	66.51	2.21	ppb
Sulfur	34-1	-733.71	-669.83	-766.33	-723.29		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	134.52	137.59	135.18	135.76	1.19	ppb
Thallium	205-1	150.11	148.82	145.71	148.22	1.53	ppb
Tin	118-1	0.32	0.34	0.34	0.34	3.16	ppb
Titanium	47-1	1645.41	1722.71	1695.23	1687.79	2.32	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:13:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.95	0.96	0.94	2.86	ppb
Vanadium	51-2	1623.52	1595.16	1594.59	1604.42	1.03	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1856.30	1835.92	1851.27	1847.83	0.57	ppb
Zirconium	90-1	8.23	8.46	8.54	8.41	1.91	ppb
Zirconium	91-1	8.29	8.57	8.67	8.51	2.33	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:16:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9412.38	9445.87	9420.76	9426.34	0.18	ppb
Antimony	121-1	0.56	0.60	0.57	0.58	4.09	ppb
Arsenic	75-2	31.96	32.84	32.39	32.40	1.37	ppb
Barium	135-1	67.98	68.07	67.65	67.90	0.32	ppb
Barium	137-1	69.16	67.72	68.11	68.33	1.09	ppb
Beryllium	9-1	0.45	0.39	0.37	0.40	9.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.23	0.26	0.54	0.34	50.04	ppb
Cadmium	106-1	1.46	-0.21	-1.24	0.00	35356.20	ppb
Cadmium	111-1	0.52	0.39	0.27	0.39	32.16	ppb
Calcium	43-1	3299.37	3334.78	3348.53	3327.56	0.76	ppb
Calcium	44-1	3387.05	3396.13	3370.24	3384.47	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.85	12.71	13.12	12.89	1.60	ppb
Cobalt	59-2	10.89	10.83	10.77	10.83	0.52	ppb
Copper	63-2	41.14	40.04	39.97	40.38	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	25750.00	25765.10	25748.80	25754.63	0.04	ppb
Iron	57-2	27042.16	26925.90	27051.41	27006.49	0.26	ppb
Iron	54-2	25995.05	25959.77	25882.76	25945.86	0.22	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:16:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.72	21.53	21.77	21.67	0.57	ppb
Lead	207-1	22.48	22.11	22.14	22.24	0.91	ppb
Lead	208-1	21.95	21.75	21.74	21.82	0.54	ppb
Lithium	6-1				98		%
Magnesium	24-2	3329.53	3326.08	3351.52	3335.71	0.41	ppb
Manganese	55-2	365.36	368.26	370.35	367.99	0.68	ppb
Molybdenum	94-1	4.56	4.67	4.57	4.60	1.23	ppb
Molybdenum	95-1	0.33	0.36	0.37	0.35	6.03	ppb
Molybdenum	96-1	1.06	1.08	1.14	1.10	3.95	ppb
Molybdenum	97-1	0.35	0.39	0.34	0.36	6.78	ppb
Molybdenum	98-1	0.35	0.39	0.36	0.37	5.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.19	9.91	9.87	9.99	1.78	ppb
Phosphorus	31-2	6360.04	6719.82	5931.68	6337.18	6.23	ppb
Potassium	39-2	1535.95	1552.53	1547.83	1545.44	0.55	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.16	0.55	-0.05	0.22	140.24	ppb
Selenium	77-2	2.01	1.99	3.49	2.50	34.58	ppb
Selenium	78-2	2.00	1.51	0.50	1.33	57.36	ppb
Silicon	28-1	112.87	114.37	112.09	113.11	1.02	ppb
Silver	107-1	0.23	0.19	0.18	0.20	14.12	ppb
Silver	109-1	0.20	0.21	0.18	0.20	7.46	ppb
Sodium	23-2	68.94	69.81	69.86	69.54	0.74	ppb
Strontium	86-1	17.19	17.74	17.61	17.51	1.63	ppb
Strontium	88-1	17.42	17.41	17.38	17.40	0.12	ppb
Sulfur	34-1	-491.88	-460.80	-542.41	-498.36		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.07	0.08	0.07	2.84	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	4.48	ppb
Tin	118-1	0.08	0.08	0.09	0.08	4.32	ppb
Titanium	47-1	439.19	444.12	438.57	440.63	0.69	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:16:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.22	0.24	0.23	3.23	ppb
Vanadium	51-2	50.34	50.01	50.06	50.14	0.36	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	99.43	99.72	98.89	99.35	0.42	ppb
Zirconium	90-1	2.17	2.20	2.20	2.19	0.67	ppb
Zirconium	91-1	2.14	2.25	2.25	2.22	2.89	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:20:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8652.21	8593.37	9469.84	8905.14	5.50	ppb
Antimony	121-1	0.45	0.42	0.43	0.43	3.96	ppb
Arsenic	75-2	30.05	29.85	31.96	30.62	3.81	ppb
Barium	135-1	69.32	62.88	63.00	65.07	5.66	ppb
Barium	137-1	70.10	63.22	64.09	65.80	5.70	ppb
Beryllium	9-1	0.35	0.34	0.34	0.34	1.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.33	0.65	0.54	33.96	ppb
Cadmium	106-1	-0.71	-0.66	-1.06	-0.81		ppb
Cadmium	111-1	0.32	0.32	0.26	0.30	12.55	ppb
Calcium	43-1	3430.92	3110.02	3233.82	3258.25	4.97	ppb
Calcium	44-1	3551.20	3182.61	3235.40	3323.07	6.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.58	11.22	12.34	11.71	4.89	ppb
Cobalt	59-2	9.66	9.67	10.50	9.94	4.85	ppb
Copper	63-2	36.75	36.78	40.47	38.00	5.62	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				96		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	23891.05	23546.20	25988.87	24475.37	5.40	ppb
Iron	57-2	24880.40	24678.98	27322.17	25627.18	5.74	ppb
Iron	54-2	23689.82	23846.64	26366.50	24634.32	6.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:20:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.39	20.00	19.93	20.77	6.74	ppb
Lead	207-1	23.19	20.55	20.76	21.50	6.82	ppb
Lead	208-1	22.56	20.16	20.21	20.98	6.51	ppb
Lithium	6-1				96		%
Magnesium	24-2	3100.08	3099.70	3390.03	3196.60	5.24	ppb
Manganese	55-2	342.88	338.12	371.91	350.97	5.21	ppb
Molybdenum	94-1	4.73	4.47	4.47	4.56	3.34	ppb
Molybdenum	95-1	0.37	0.33	0.33	0.34	7.57	ppb
Molybdenum	96-1	1.02	0.88	0.90	0.93	7.81	ppb
Molybdenum	97-1	0.36	0.33	0.30	0.33	8.13	ppb
Molybdenum	98-1	0.34	0.33	0.34	0.34	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.11	9.10	10.11	9.44	6.17	ppb
Phosphorus	31-2	6310.45	5723.08	6274.74	6102.76	5.40	ppb
Potassium	39-2	1425.14	1410.65	1554.99	1463.59	5.43	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.82	0.33	0.53	0.56	44.64	ppb
Selenium	77-2	2.02	2.49	2.13	2.21	11.10	ppb
Selenium	78-2	0.99	1.51	2.68	1.72	50.23	ppb
Silicon	28-1	122.13	110.04	112.06	114.74	5.64	ppb
Silver	107-1	0.17	0.15	0.14	0.15	8.69	ppb
Silver	109-1	0.15	0.13	0.15	0.15	8.35	ppb
Sodium	23-2	60.09	61.25	67.69	63.01	6.49	ppb
Strontium	86-1	18.03	16.25	16.13	16.80	6.34	ppb
Strontium	88-1	17.87	15.84	16.19	16.63	6.55	ppb
Sulfur	34-1	-56.68	-672.76	-688.81	-472.75		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.05	0.06	0.05	5.68	ppb
Thallium	205-1	0.06	0.05	0.06	0.05	8.34	ppb
Tin	118-1	0.09	0.08	0.07	0.08	7.66	ppb
Titanium	47-1	443.54	404.75	406.99	418.43	5.20	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:20:14	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.20	0.21	0.22	9.71	ppb
Vanadium	51-2	46.67	46.55	51.08	48.10	5.36	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	92.82	90.29	99.65	94.26	5.14	ppb
Zirconium	90-1	2.24	1.94	2.02	2.07	7.51	ppb
Zirconium	91-1	2.16	2.05	2.11	2.11	2.66	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 19:23:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1992.83	1867.97	1802.46	1887.75	5.12	ppb
Antimony	121-1	0.11	0.10	0.11	0.10	5.01	ppb
Arsenic	75-2	6.90	6.55	6.58	6.68	2.94	ppb
Barium	135-1	12.76	12.97	13.39	13.04	2.46	ppb
Barium	137-1	12.65	12.82	13.20	12.89	2.18	ppb
Beryllium	9-1	0.06	0.07	0.10	0.08	31.82	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.05	0.01	0.05	72.31	ppb
Cadmium	106-1	-0.63	-1.02	-1.40	-1.02		ppb
Cadmium	111-1	0.05	0.02	-0.03	0.01	342.29	ppb
Calcium	43-1	657.73	629.86	657.84	648.48	2.49	ppb
Calcium	44-1	633.18	656.64	665.92	651.91	2.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.81	2.35	2.45	2.53	9.58	ppb
Cobalt	59-2	2.35	2.18	2.12	2.22	5.33	ppb
Copper	63-2	8.45	7.97	7.72	8.05	4.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	5443.29	5071.28	4945.15	5153.24	5.03	ppb
Iron	57-2	5700.62	5259.54	5172.60	5377.59	5.26	ppb
Iron	54-2	5811.90	5368.70	5229.46	5470.02	5.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 19:23:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.01	4.01	4.20	4.07	2.64	ppb
Lead	207-1	4.19	4.18	4.31	4.23	1.79	ppb
Lead	208-1	4.06	4.08	4.20	4.11	1.77	ppb
Lithium	6-1				99		%
Magnesium	24-2	692.34	657.94	636.76	662.35	4.23	ppb
Manganese	55-2	78.27	72.35	70.00	73.54	5.80	ppb
Molybdenum	94-1	0.86	0.96	0.89	0.90	5.69	ppb
Molybdenum	95-1	0.11	0.07	0.10	0.09	22.97	ppb
Molybdenum	96-1	0.19	0.19	0.21	0.20	6.01	ppb
Molybdenum	97-1	0.08	0.07	0.07	0.07	13.47	ppb
Molybdenum	98-1	0.07	0.08	0.10	0.08	16.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	1.96	1.81	1.98	9.15	ppb
Phosphorus	31-2	1173.66	970.98	989.93	1044.86	10.71	ppb
Potassium	39-2	328.44	295.52	284.61	302.85	7.53	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-0.55	-0.89	0.05	-0.46		ppb
Selenium	77-2	2.17	0.51	0.00	0.89	127.34	ppb
Selenium	78-2	1.04	0.71	0.27	0.67	57.88	ppb
Silicon	28-1	21.42	21.94	22.25	21.87	1.92	ppb
Silver	107-1	0.03	0.04	0.04	0.03	14.13	ppb
Silver	109-1	0.04	0.02	0.03	0.03	25.50	ppb
Sodium	23-2	24.27	22.60	20.39	22.42	8.68	ppb
Strontium	86-1	3.24	3.50	3.34	3.36	3.80	ppb
Strontium	88-1	3.22	3.43	3.43	3.36	3.65	ppb
Sulfur	34-1	-842.38	-786.56	-675.73	-768.22		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	27.34	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.86	ppb
Tin	118-1	0.02	0.02	0.02	0.02	13.76	ppb
Titanium	47-1	82.09	85.31	85.70	84.37	2.35	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 19:23:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.04	0.05	5.81	ppb
Vanadium	51-2	10.61	10.01	9.70	10.11	4.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	21.09	20.15	19.79	20.34	3.29	ppb
Zirconium	90-1	0.39	0.40	0.40	0.40	1.61	ppb
Zirconium	91-1	0.31	0.42	0.34	0.36	15.46	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:26:55	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9914.10	9942.46	9914.95	9923.84	0.16	ppb
Antimony	121-1	14.97	15.52	15.38	15.29	1.87	ppb
Arsenic	75-2	38.45	40.92	39.38	39.58	3.15	ppb
Barium	135-1	347.90	359.60	359.32	355.61	1.88	ppb
Barium	137-1	352.26	360.63	361.23	358.04	1.40	ppb
Beryllium	9-1	7.40	7.27	7.32	7.33	0.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.63	7.85	6.97	7.48	6.11	ppb
Cadmium	106-1	5.72	6.62	6.01	6.11	7.48	ppb
Cadmium	111-1	7.62	8.00	8.16	7.93	3.46	ppb
Calcium	43-1	3440.57	3342.41	3475.23	3419.41	2.01	ppb
Calcium	44-1	3467.03	3441.04	3507.33	3471.80	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.64	43.89	43.95	43.83	0.37	ppb
Cobalt	59-2	88.13	87.52	87.49	87.71	0.41	ppb
Copper	63-2	80.95	80.41	80.85	80.74	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				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	26861.15	26799.33	26441.96	26700.81	0.85	ppb
Iron	57-2	28132.28	27853.43	27813.88	27933.20	0.62	ppb
Iron	54-2	27080.11	27128.70	26845.05	27017.95	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:26:55	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.99	25.38	25.02	25.13	0.87	ppb
Lead	207-1	25.61	26.01	25.46	25.69	1.11	ppb
Lead	208-1	25.02	25.48	25.06	25.19	1.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	3454.47	3420.03	3426.59	3433.70	0.53	ppb
Manganese	55-2	457.09	455.81	455.73	456.21	0.17	ppb
Molybdenum	94-1	4.66	4.82	4.89	4.79	2.45	ppb
Molybdenum	95-1	0.39	0.40	0.38	0.39	2.82	ppb
Molybdenum	96-1	1.05	1.03	0.97	1.02	4.08	ppb
Molybdenum	97-1	0.43	0.42	0.34	0.39	12.91	ppb
Molybdenum	98-1	0.39	0.39	0.41	0.40	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.36	89.67	88.59	89.54	1.00	ppb
Phosphorus	31-2	6648.33	6476.34	6776.80	6633.83	2.27	ppb
Potassium	39-2	1585.98	1578.25	1566.87	1577.03	0.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	14.82	16.67	15.69	15.73	5.90	ppb
Selenium	77-2	20.58	17.04	19.54	19.06	9.54	ppb
Selenium	78-2	15.24	15.69	17.59	16.17	7.72	ppb
Silicon	28-1	116.72	114.96	117.06	116.25	0.97	ppb
Silver	107-1	7.44	7.83	7.80	7.69	2.81	ppb
Silver	109-1	7.22	7.66	7.86	7.58	4.32	ppb
Sodium	23-2	55.29	58.64	57.41	57.11	2.97	ppb
Strontium	86-1	18.09	18.12	17.92	18.04	0.58	ppb
Strontium	88-1	17.63	17.91	17.92	17.82	0.91	ppb
Sulfur	34-1	-769.45	-812.61	-779.51	-787.19		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	6.73	6.77	6.70	6.74	0.54	ppb
Thallium	205-1	6.72	6.83	6.67	6.74	1.27	ppb
Tin	118-1	0.08	0.09	0.09	0.09	4.55	ppb
Titanium	47-1	449.21	445.90	457.26	450.79	1.30	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:26:55	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.25	0.24	3.51	ppb
Vanadium	51-2	127.96	127.30	127.80	127.69	0.27	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	181.24	178.91	180.65	180.27	0.67	ppb
Zirconium	90-1	2.22	2.24	2.22	2.22	0.59	ppb
Zirconium	91-1	2.10	2.26	2.26	2.20	4.23	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12261.82	10335.23	10898.06	11165.04	8.87	ppb
Antimony	121-1	71.95	73.43	73.20	72.86	1.10	ppb
Arsenic	75-2	68.02	59.27	59.76	62.35	7.89	ppb
Barium	135-1	1506.26	1541.68	1546.84	1531.59	1.44	ppb
Barium	137-1	1503.13	1540.30	1552.92	1532.12	1.69	ppb
Beryllium	9-1	34.74	34.19	34.25	34.39	0.89	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.89	34.03	31.44	32.46	4.27	ppb
Cadmium	106-1	33.11	30.83	31.03	31.66	3.99	ppb
Cadmium	111-1	38.48	38.39	38.68	38.52	0.38	ppb
Calcium	43-1	3337.25	3396.83	3385.23	3373.10	0.94	ppb
Calcium	44-1	3413.22	3468.07	3430.68	3437.32	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188.58	155.17	162.42	168.72	10.42	ppb
Cobalt	59-2	448.24	367.00	385.40	400.21	10.64	ppb
Copper	63-2	257.33	214.53	223.19	231.68	9.77	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				100		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	30937.07	25404.38	26696.82	27679.42	10.46	ppb
Iron	57-2	32296.09	26649.43	28082.11	29009.21	10.12	ppb
Iron	54-2	31292.59	25722.18	27558.81	28191.19	10.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.68	35.61	36.12	35.81	0.78	ppb
Lead	207-1	35.81	36.28	36.39	36.16	0.85	ppb
Lead	208-1	35.61	35.77	36.29	35.89	0.99	ppb
Lithium	6-1				99		%
Magnesium	24-2	3910.96	3236.02	3375.85	3507.61	10.16	ppb
Manganese	55-2	863.71	708.51	751.56	774.59	10.34	ppb
Molybdenum	94-1	4.46	4.49	4.68	4.54	2.58	ppb
Molybdenum	95-1	0.38	0.39	0.35	0.37	5.77	ppb
Molybdenum	96-1	0.97	1.04	0.99	1.00	3.27	ppb
Molybdenum	97-1	0.41	0.37	0.34	0.37	9.90	ppb
Molybdenum	98-1	0.39	0.37	0.40	0.39	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.61	372.68	391.38	404.89	10.05	ppb
Phosphorus	31-2	7902.96	6046.42	6416.95	6788.78	14.47	ppb
Potassium	39-2	1823.23	1467.94	1554.15	1615.11	11.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	81.16	84.56	85.58	83.77	2.76	ppb
Selenium	77-2	107.90	90.16	94.42	97.49	9.50	ppb
Selenium	78-2	104.04	77.80	77.88	86.57	17.48	ppb
Silicon	28-1	114.15	116.05	115.77	115.33	0.89	ppb
Silver	107-1	35.27	35.72	36.61	35.87	1.89	ppb
Silver	109-1	35.20	35.17	36.17	35.51	1.60	ppb
Sodium	23-2	67.63	53.98	57.42	59.68	11.89	ppb
Strontium	86-1	17.18	17.55	17.46	17.40	1.11	ppb
Strontium	88-1	17.22	17.49	17.46	17.39	0.85	ppb
Sulfur	34-1	-862.96	-835.43	-904.43	-867.61		ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	33.21	33.52	33.90	33.54	1.03	ppb
Thallium	205-1	32.89	32.78	33.42	33.03	1.03	ppb
Tin	118-1	0.09	0.09	0.08	0.09	2.27	ppb
Titanium	47-1	442.07	446.84	445.62	444.84	0.56	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.23	0.24	0.23	2.26	ppb
Vanadium	51-2	485.10	399.74	420.29	435.04	10.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	556.58	459.30	482.45	499.44	10.18	ppb
Zirconium	90-1	2.17	2.18	2.17	2.17	0.30	ppb
Zirconium	91-1	2.26	2.21	2.23	2.23	1.26	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:33:33	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48194.02	48221.76	48197.04	48204.27	0.03	ppb
Antimony	121-1	505.85	503.85	512.95	507.55	0.94	ppb
Arsenic	75-2	494.21	488.97	490.26	491.15	0.56	ppb
Barium	135-1	2518.65	2520.73	2592.53	2543.97	1.65	ppb
Barium	137-1	2548.57	2533.35	2560.09	2547.33	0.53	ppb
Beryllium	9-1	515.61	521.13	523.67	520.14	0.79	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.72	488.72	496.53	491.99	0.82	ppb
Cadmium	106-1	496.55	489.40	490.58	492.18	0.78	ppb
Cadmium	111-1	491.11	486.52	489.04	488.89	0.47	ppb
Calcium	43-1	247792.13	254337.62	257763.39	253297.72	2.00	ppb
Calcium	44-1	247485.99	250723.09	256635.19	251614.76	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.25	530.81	523.86	525.64	0.87	ppb
Cobalt	59-2	510.69	508.91	509.26	509.62	0.19	ppb
Copper	63-2	4936.67	4964.81	4930.87	4944.11	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				79		%
Indium	115-2				77		%
Iron	56-2	129174.57	128915.99	129266.33	129118.96	0.14	ppb
Iron	57-2	128540.40	128945.36	126839.62	128108.46	0.87	ppb
Iron	54-2	129232.93	128863.98	128098.79	128731.90	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:33:33	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2572.22	2585.79	2682.74	2613.59	2.31	ppb
Lead	207-1	2568.32	2557.87	2626.86	2584.35	1.44	ppb
Lead	208-1	2580.11	2575.91	2633.99	2596.67	1.25	ppb
Lithium	6-1				93		%
Magnesium	24-2	243655.58	242873.94	244833.54	243787.69	0.40	ppb
Manganese	55-2	5111.26	5139.48	5135.87	5128.87	0.30	ppb
Molybdenum	94-1	5082.29	5142.89	5174.59	5133.25	0.91	ppb
Molybdenum	95-1	5114.16	5179.08	5254.13	5182.46	1.35	ppb
Molybdenum	96-1	5122.26	5130.22	5215.13	5155.87	1.00	ppb
Molybdenum	97-1	5062.69	5093.46	5171.60	5109.25	1.10	ppb
Molybdenum	98-1	5078.78	5143.33	5146.68	5122.93	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.51	504.31	502.92	504.91	0.47	ppb
Phosphorus	31-2	9745.84	10193.01	10520.03	10152.96	3.83	ppb
Potassium	39-2	123199.13	123689.09	122326.54	123071.58	0.56	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	483.85	493.28	499.64	492.26	1.61	ppb
Selenium	77-2	507.57	466.97	526.88	500.47	6.11	ppb
Selenium	78-2	500.06	463.18	486.06	483.10	3.85	ppb
Silicon	28-1	617.68	603.40	603.16	608.08	1.37	ppb
Silver	107-1	494.68	483.67	494.77	491.04	1.30	ppb
Silver	109-1	485.49	485.71	489.76	486.99	0.49	ppb
Sodium	23-2	241219.23	243306.21	245040.60	243188.68	0.79	ppb
Strontium	86-1	12544.42	12824.84	12909.42	12759.56	1.50	ppb
Strontium	88-1	12611.91	12872.32	12839.86	12774.70	1.11	ppb
Sulfur	34-1	9829.73	10058.43	10327.01	10071.72	2.47	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	519.41	517.99	530.18	522.53	1.28	ppb
Thallium	205-1	520.32	522.97	533.63	525.64	1.34	ppb
Tin	118-1	508.36	503.30	505.13	505.60	0.51	ppb
Titanium	47-1	5052.66	5178.06	5244.89	5158.54	1.89	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:33:33	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	523.33	525.85	539.31	529.50	1.62	ppb
Vanadium	51-2	532.40	534.67	533.64	533.57	0.21	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	4982.40	4986.69	4994.17	4987.75	0.12	ppb
Zirconium	90-1	506.57	518.13	517.82	514.18	1.28	ppb
Zirconium	91-1	510.24	521.99	523.55	518.60	1.40	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:36:28	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	0.96	1.50	1.18	24.29	ppb
Antimony	121-1	0.21	0.23	0.24	0.23	5.03	ppb
Arsenic	75-2	0.05	0.03	-0.01	0.03	123.59	ppb
Barium	135-1	0.08	0.04	0.06	0.06	34.13	ppb
Barium	137-1	0.07	0.06	0.06	0.06	10.27	ppb
Beryllium	9-1	0.09	0.14	0.10	0.11	20.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.02	-0.06	-0.04		ppb
Cadmium	106-1	-0.41	-0.81	-0.12	-0.45		ppb
Cadmium	111-1	0.00	-0.03	0.02	0.00		ppb
Calcium	43-1	6.62	2.70	3.52	4.28	48.20	ppb
Calcium	44-1	6.94	5.25	4.86	5.68	19.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.03	0.00	-0.01		ppb
Cobalt	59-2	0.04	0.01	0.02	0.02	70.54	ppb
Copper	63-2	0.31	0.33	0.34	0.33	5.16	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				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	6.44	6.49	7.02	6.65	4.87	ppb
Iron	57-2	3.49	6.46	4.26	4.74	32.49	ppb
Iron	54-2	6.53	5.63	5.68	5.95	8.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:36:28	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.13	0.12	0.14	22.69	ppb
Lead	207-1	0.17	0.14	0.10	0.14	22.51	ppb
Lead	208-1	0.17	0.14	0.11	0.14	22.09	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.60	4.97	5.38	4.65	20.05	ppb
Manganese	55-2	0.21	0.28	0.18	0.22	22.60	ppb
Molybdenum	94-1	0.29	0.24	0.30	0.28	12.78	ppb
Molybdenum	95-1	0.30	0.22	0.25	0.26	15.49	ppb
Molybdenum	96-1	0.27	0.25	0.22	0.25	11.85	ppb
Molybdenum	97-1	0.27	0.19	0.25	0.24	16.47	ppb
Molybdenum	98-1	0.30	0.24	0.24	0.26	12.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.02	0.01	264.09	ppb
Phosphorus	31-2	-146.35	-176.91	-203.29	-175.52		ppb
Potassium	39-2	-0.27	4.31	4.14	2.73	95.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.34	-0.63	-0.05	-0.11		ppb
Selenium	77-2	0.00	0.00	0.51	0.17	173.21	ppb
Selenium	78-2	0.43	0.20	-0.15	0.16	179.89	ppb
Silicon	28-1	0.70	0.51	0.40	0.54	28.14	ppb
Silver	107-1	0.06	0.04	0.04	0.05	28.40	ppb
Silver	109-1	0.07	0.04	0.04	0.05	28.02	ppb
Sodium	23-2	30.45	29.21	28.94	29.54	2.72	ppb
Strontium	86-1	0.32	0.22	0.26	0.27	18.42	ppb
Strontium	88-1	0.35	0.25	0.22	0.27	23.42	ppb
Sulfur	34-1	29.51	101.71	225.63	118.95	83.39	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.04	0.04	12.88	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	22.33	ppb
Tin	118-1	0.05	0.05	0.05	0.05	3.49	ppb
Titanium	47-1	0.17	0.30	0.25	0.24	28.77	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:36:28	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	18.81	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	19.29	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.45	0.21	0.32	0.33	36.81	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	13.23	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	6.18	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BL	Instrumnet Name :	P7
Client Sample ID :	PBS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:39:48	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	0.23	0.16	0.38	84.72	ppb
Antimony	121-1	0.04	0.07	0.06	0.06	25.25	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	115.33	ppb
Barium	135-1	0.02	0.02	0.03	0.02	24.30	ppb
Barium	137-1	0.02	0.02	0.01	0.02	24.71	ppb
Beryllium	9-1	0.05	0.06	0.06	0.06	16.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.05	-0.09	0.00		ppb
Cadmium	106-1	-0.23	-1.50	-0.17	-0.63		ppb
Cadmium	111-1	-0.01	-0.11	0.00	-0.04		ppb
Calcium	43-1	0.70	-1.14	-0.04	-0.16		ppb
Calcium	44-1	0.69	1.36	1.53	1.20	36.94	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	-0.01		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	5.90	ppb
Copper	63-2	0.14	0.04	0.13	0.10	54.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	3.08	3.32	3.21	3.20	3.85	ppb
Iron	57-2	3.40	0.44	0.63	1.49	110.79	ppb
Iron	54-2	1.62	2.79	0.84	1.75	56.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BL	Instrumnet Name :	P7
Client Sample ID :	PBS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:39:48	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.05	0.05	4.60	ppb
Lead	207-1	0.04	0.06	0.06	0.05	16.88	ppb
Lead	208-1	0.06	0.06	0.05	0.06	11.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.99	-0.13	1.18	0.68	104.55	ppb
Manganese	55-2	0.03	0.18	0.10	0.11	68.23	ppb
Molybdenum	94-1	0.07	0.07	0.11	0.08	27.31	ppb
Molybdenum	95-1	0.06	0.04	0.07	0.06	23.47	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	5.17	ppb
Molybdenum	97-1	0.07	0.06	0.03	0.05	33.23	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	21.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.05	-0.01		ppb
Phosphorus	31-2	-162.22	-177.80	-193.62	-177.88		ppb
Potassium	39-2	-7.32	-4.31	-12.81	-8.15		ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	-0.44	-0.33	0.30	-0.16		ppb
Selenium	77-2	0.00	0.50	0.00	0.17	173.21	ppb
Selenium	78-2	0.51	0.06	0.39	0.32	72.78	ppb
Silicon	28-1	-0.12	-0.04	-0.04	-0.07		ppb
Silver	107-1	0.02	0.01	0.01	0.02	7.89	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.22	ppb
Sodium	23-2	19.26	20.89	18.29	19.48	6.74	ppb
Strontium	86-1	0.11	0.09	0.05	0.08	37.97	ppb
Strontium	88-1	0.07	0.06	0.06	0.06	11.87	ppb
Sulfur	34-1	54.09	242.17	4.35	100.20	125.18	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.00	0.01	0.01	87.46	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.55	ppb
Tin	118-1	0.02	0.01	0.02	0.02	16.37	ppb
Titanium	47-1	-0.02	0.05	0.00	0.01	411.03	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BL	Instrumnet Name :	P7
Client Sample ID :	PBS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:39:48	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	11.85	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	54.53	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	0.33	0.32	0.47	0.37	21.44	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	46.26	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	13.90	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BS	Instrumnet Name :	P7
Client Sample ID :	LCS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:43:11	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.49	40.14	40.66	40.43	0.67	ppb
Antimony	121-1	3.95	3.93	4.51	4.13	7.97	ppb
Arsenic	75-2	2.20	1.96	1.83	2.00	9.53	ppb
Barium	135-1	19.27	19.29	20.98	19.85	4.94	ppb
Barium	137-1	19.08	18.95	21.33	19.79	6.77	ppb
Beryllium	9-1	1.74	1.79	2.11	1.88	10.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.82	2.30	2.60	2.24	17.54	ppb
Cadmium	106-1	1.38	1.13	2.76	1.76	49.78	ppb
Cadmium	111-1	2.23	2.02	2.65	2.30	13.84	ppb
Calcium	43-1	996.44	1038.74	1182.15	1072.44	9.08	ppb
Calcium	44-1	1017.53	1053.54	1193.61	1088.23	8.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.54	4.59	4.51	4.55	0.92	ppb
Cobalt	59-2	2.12	2.07	2.25	2.15	4.33	ppb
Copper	63-2	4.64	4.49	4.54	4.56	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	456.96	462.60	466.36	461.97	1.02	ppb
Iron	57-2	455.78	462.03	468.65	462.16	1.39	ppb
Iron	54-2	460.83	466.05	464.81	463.90	0.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BS	Instrumnet Name :	P7
Client Sample ID :	LCS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:43:11	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.86	1.97	2.09	1.97	5.74	ppb
Lead	207-1	1.83	1.95	2.11	1.96	7.11	ppb
Lead	208-1	1.86	1.90	2.12	1.96	7.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	1098.64	1101.78	1104.31	1101.58	0.26	ppb
Manganese	55-2	2.19	2.26	2.24	2.23	1.72	ppb
Molybdenum	94-1	12.87	13.10	14.50	13.49	6.57	ppb
Molybdenum	95-1	11.03	11.26	12.48	11.59	6.73	ppb
Molybdenum	96-1	11.39	11.64	12.79	11.94	6.28	ppb
Molybdenum	97-1	11.10	11.17	12.58	11.62	7.17	ppb
Molybdenum	98-1	11.04	11.57	12.82	11.81	7.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.04	2.28	2.16	5.54	ppb
Phosphorus	31-2	-164.74	-151.56	-129.37	-148.56		ppb
Potassium	39-2	1065.52	1076.14	1073.42	1071.69	0.51	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	10.10	10.59	11.37	10.69	6.01	ppb
Selenium	77-2	10.52	11.57	12.08	11.39	6.95	ppb
Selenium	78-2	12.00	10.40	13.10	11.83	11.45	ppb
Silicon	28-1	0.95	1.15	1.71	1.27	31.07	ppb
Silver	107-1	1.96	1.99	2.29	2.08	8.89	ppb
Silver	109-1	1.94	2.03	2.22	2.06	6.86	ppb
Sodium	23-2	1026.07	1030.89	1052.57	1036.51	1.36	ppb
Strontium	86-1	2.04	2.16	2.27	2.16	5.18	ppb
Strontium	88-1	2.01	2.09	2.31	2.14	7.21	ppb
Sulfur	34-1	4.08	92.57	828.64	308.43	146.77	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	1.74	1.77	1.89	1.80	4.46	ppb
Thallium	205-1	1.72	1.73	1.99	1.81	8.44	ppb
Tin	118-1	0.01	0.02	0.02	0.02	21.36	ppb
Titanium	47-1	11.24	10.83	13.53	11.87	12.26	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BS	Instrumnet Name :	P7
Client Sample ID :	LCS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:43:11	DataFile Name :	045LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.70	1.91	1.76	7.68	ppb
Vanadium	51-2	10.26	10.27	10.52	10.35	1.41	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%
Zinc	66-2	11.02	11.54	12.15	11.57	4.90	ppb
Zirconium	90-1	1.88	1.91	2.17	1.98	7.99	ppb
Zirconium	91-1	1.91	1.90	2.12	1.97	6.23	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:46:30	DataFile Name :	046LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.12	21.17	19.30	20.53	5.18	ppb
Antimony	121-1	2.02	2.09	1.98	2.03	2.66	ppb
Arsenic	75-2	1.29	1.40	0.88	1.19	23.22	ppb
Barium	135-1	9.58	9.80	9.82	9.73	1.36	ppb
Barium	137-1	9.44	9.80	9.67	9.64	1.88	ppb
Beryllium	9-1	0.95	0.90	1.02	0.96	6.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.82	1.13	1.19	1.05	19.27	ppb
Cadmium	106-1	0.42	1.12	-0.68	0.29	318.33	ppb
Cadmium	111-1	1.11	1.26	1.00	1.12	11.45	ppb
Calcium	43-1	522.12	531.56	512.34	522.01	1.84	ppb
Calcium	44-1	530.82	535.11	536.07	534.00	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.40	2.32	2.36	1.82	ppb
Cobalt	59-2	1.04	1.10	1.12	1.08	3.78	ppb
Copper	63-2	2.42	2.30	2.24	2.32	4.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	238.79	235.18	240.81	238.26	1.20	ppb
Iron	57-2	236.24	236.04	235.74	236.01	0.11	ppb
Iron	54-2	237.56	239.80	244.12	240.49	1.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:46:30	DataFile Name :	046LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.97	0.97	0.97	0.25	ppb
Lead	207-1	1.00	0.97	0.91	0.96	4.64	ppb
Lead	208-1	0.98	0.97	0.96	0.97	0.91	ppb
Lithium	6-1				103		%
Magnesium	24-2	566.77	558.21	569.63	564.87	1.05	ppb
Manganese	55-2	1.22	1.20	1.25	1.22	1.95	ppb
Molybdenum	94-1	6.55	6.46	6.48	6.50	0.69	ppb
Molybdenum	95-1	5.71	5.71	5.77	5.73	0.66	ppb
Molybdenum	96-1	5.56	6.06	5.95	5.86	4.48	ppb
Molybdenum	97-1	5.75	5.73	5.63	5.70	1.11	ppb
Molybdenum	98-1	5.68	5.83	5.71	5.74	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.20	1.10	1.12	6.60	ppb
Phosphorus	31-2	-157.19	-221.88	-78.16	-152.41		ppb
Potassium	39-2	542.34	537.95	550.06	543.45	1.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	4.72	4.54	5.66	4.97	12.10	ppb
Selenium	77-2	6.93	6.87	5.94	6.58	8.46	ppb
Selenium	78-2	6.71	5.04	5.98	5.91	14.24	ppb
Silicon	28-1	0.40	0.49	0.48	0.46	10.93	ppb
Silver	107-1	0.96	1.04	1.08	1.03	5.76	ppb
Silver	109-1	1.03	1.01	1.01	1.02	1.09	ppb
Sodium	23-2	534.65	534.05	541.83	536.85	0.81	ppb
Strontium	86-1	1.05	1.19	1.03	1.09	8.10	ppb
Strontium	88-1	1.04	1.10	1.05	1.06	3.27	ppb
Sulfur	34-1	39.62	65.47	-84.65	6.81	1177.96	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.87	0.87	0.87	0.87	0.33	ppb
Thallium	205-1	0.91	0.89	0.88	0.89	1.81	ppb
Tin	118-1	0.01	0.01	0.01	0.01	8.15	ppb
Titanium	47-1	5.96	5.73	6.07	5.92	2.92	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:46:30	DataFile Name :	046LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.84	0.88	0.86	2.69	ppb
Vanadium	51-2	5.24	5.33	5.36	5.31	1.22	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5.73	6.48	6.39	6.20	6.57	ppb
Zirconium	90-1	1.00	0.99	0.95	0.98	3.15	ppb
Zirconium	91-1	0.93	0.99	0.95	0.96	3.14	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BL	Instrumnet Name :	P7
Client Sample ID :	PBS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:49:52	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	-0.04	0.02	0.07	203.86	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	16.98	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	-0.02	0.00		ppb
Barium	137-1	-0.03	0.00	-0.02	-0.02		ppb
Beryllium	9-1	-0.01	0.02	0.03	0.01	128.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.09	-0.09	-0.05		ppb
Cadmium	106-1	-0.14	-1.32	-0.21	-0.55		ppb
Cadmium	111-1	-0.01	-0.09	-0.01	-0.04		ppb
Calcium	43-1	-4.06	-0.22	0.64	-1.21		ppb
Calcium	44-1	0.83	0.70	0.13	0.55	68.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	87.53	ppb
Copper	63-2	0.00	0.00	0.00	0.00		ppb
Dysprosium	156-1						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				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	1.70	1.50	1.69	1.63	6.92	ppb
Iron	57-2	-1.00	-0.37	-0.78	-0.72		ppb
Iron	54-2	1.49	1.60	0.60	1.23	44.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BL	Instrumnet Name :	P7
Client Sample ID :	PBS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:49:52	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	16.96	ppb
Lead	207-1	0.01	0.03	0.02	0.02	31.23	ppb
Lead	208-1	0.02	0.03	0.02	0.02	33.23	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.90	0.66	0.53	0.70	27.26	ppb
Manganese	55-2	-0.05	-0.02	0.05	-0.01		ppb
Molybdenum	94-1	0.09	0.07	0.08	0.08	15.30	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	39.21	ppb
Molybdenum	96-1	0.01	0.03	0.04	0.03	42.71	ppb
Molybdenum	97-1	0.01	0.03	0.00	0.01	106.08	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.01	46.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.06	0.00	-0.04		ppb
Phosphorus	31-2	-143.31	-173.91	-106.82	-141.34		ppb
Potassium	39-2	-9.27	-10.50	-8.40	-9.39		ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	-0.74	0.07	-0.37	-0.35		ppb
Selenium	77-2	0.00	0.49	0.00	0.16	173.21	ppb
Selenium	78-2	1.39	2.40	0.41	1.40	71.25	ppb
Silicon	28-1	-0.27	0.20	-0.23	-0.10		ppb
Silver	107-1	0.01	0.02	0.01	0.01	32.30	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.39	ppb
Sodium	23-2	9.10	9.05	8.56	8.90	3.37	ppb
Strontium	86-1	0.00	0.02	0.00	0.01	141.44	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.78	ppb
Sulfur	34-1	-139.18	747.23	24.27	210.77	223.81	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.02	0.01	0.01	75.43	ppb
Titanium	47-1	-0.01	-0.04	-0.05	-0.03		ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BL	Instrumnet Name :	P7
Client Sample ID :	PBS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:49:52	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	179.21	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	114.22	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.28	0.24	0.21	0.24	13.33	ppb
Zirconium	90-1	0.03	0.04	0.02	0.03	24.57	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	15.58	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BS	Instrumnet Name :	P7
Client Sample ID :	LCS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:53:13	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.09	49.43	38.88	43.13	12.90	ppb
Antimony	121-1	3.88	3.98	3.97	3.95	1.43	ppb
Arsenic	75-2	2.45	2.94	1.95	2.45	20.15	ppb
Barium	135-1	18.99	18.85	19.07	18.97	0.59	ppb
Barium	137-1	18.87	19.29	19.35	19.17	1.37	ppb
Beryllium	9-1	1.79	1.92	1.85	1.85	3.74	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.04	2.14	2.29	2.16	5.74	ppb
Cadmium	106-1	1.90	2.22	1.40	1.84	22.33	ppb
Cadmium	111-1	2.40	2.22	2.18	2.27	5.32	ppb
Calcium	43-1	1012.64	1053.94	1044.50	1037.03	2.09	ppb
Calcium	44-1	1045.76	1045.21	1063.14	1051.37	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.69	5.37	4.52	4.86	9.24	ppb
Cobalt	59-2	2.20	2.53	2.08	2.27	10.24	ppb
Copper	63-2	4.45	5.55	4.41	4.81	13.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	471.70	561.48	457.23	496.80	11.37	ppb
Iron	57-2	472.86	561.27	459.87	498.00	11.08	ppb
Iron	54-2	479.44	573.92	456.48	503.28	12.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BS	Instrumnet Name :	P7
Client Sample ID :	LCS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:53:13	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	1.81	1.87	1.84	1.58	ppb
Lead	207-1	1.90	1.79	1.76	1.82	3.81	ppb
Lead	208-1	1.87	1.83	1.86	1.86	1.01	ppb
Lithium	6-1				103		%
Magnesium	24-2	1109.58	1319.48	1075.91	1168.32	11.30	ppb
Manganese	55-2	2.21	2.84	2.30	2.45	14.01	ppb
Molybdenum	94-1	12.87	13.11	13.14	13.04	1.15	ppb
Molybdenum	95-1	11.46	11.42	11.33	11.40	0.59	ppb
Molybdenum	96-1	11.41	11.57	11.58	11.52	0.85	ppb
Molybdenum	97-1	11.35	11.47	11.60	11.47	1.07	ppb
Molybdenum	98-1	11.34	11.47	11.56	11.46	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.86	2.27	2.50	12.58	ppb
Phosphorus	31-2	-185.10	-136.23	-179.58	-166.97		ppb
Potassium	39-2	1088.44	1325.76	1048.48	1154.23	12.99	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	9.99	10.89	12.09	10.99	9.55	ppb
Selenium	77-2	10.71	13.24	8.33	10.76	22.82	ppb
Selenium	78-2	11.40	17.41	9.97	12.93	30.53	ppb
Silicon	28-1	0.91	0.92	1.12	0.98	11.82	ppb
Silver	107-1	1.92	2.04	2.06	2.01	3.94	ppb
Silver	109-1	1.96	2.01	2.00	1.99	1.17	ppb
Sodium	23-2	1050.19	1248.76	1010.99	1103.31	11.55	ppb
Strontium	86-1	2.03	2.05	2.14	2.07	2.80	ppb
Strontium	88-1	2.05	2.12	2.13	2.10	2.07	ppb
Sulfur	34-1	27.60	-24.26	150.70	51.35	175.01	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	1.81	1.73	1.77	1.77	2.30	ppb
Thallium	205-1	1.80	1.71	1.77	1.76	2.66	ppb
Tin	118-1	0.01	0.01	0.01	0.01	24.87	ppb
Titanium	47-1	10.79	11.58	11.62	11.33	4.16	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BS	Instrumnet Name :	P7
Client Sample ID :	LCS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:53:13	DataFile Name :	048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.69	1.72	1.70	1.70	0.89	ppb
Vanadium	51-2	10.32	12.31	10.09	10.91	11.18	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	11.03	13.92	10.87	11.94	14.39	ppb
Zirconium	90-1	1.91	2.01	1.96	1.96	2.56	ppb
Zirconium	91-1	1.86	1.92	1.97	1.92	2.90	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:56:36	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.94	20.48	20.77	21.06	3.67	ppb
Antimony	121-1	1.95	2.05	2.03	2.01	2.86	ppb
Arsenic	75-2	0.99	1.34	0.91	1.08	21.41	ppb
Barium	135-1	9.55	9.51	10.11	9.72	3.41	ppb
Barium	137-1	9.61	9.73	9.92	9.75	1.63	ppb
Beryllium	9-1	0.95	0.81	1.05	0.94	13.05	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.78	1.38	1.19	1.12	27.50	ppb
Cadmium	106-1	1.33	1.06	0.65	1.01	33.33	ppb
Cadmium	111-1	1.16	1.13	1.31	1.20	8.15	ppb
Calcium	43-1	516.34	520.93	520.73	519.33	0.50	ppb
Calcium	44-1	517.10	531.81	535.42	528.11	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.34	2.27	2.23	2.28	2.34	ppb
Cobalt	59-2	1.07	1.12	1.15	1.12	3.92	ppb
Copper	63-2	2.29	2.20	2.33	2.28	3.00	ppb
Dysprosium	156-1						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				101		%
Indium	115-2				99		%
Iron	56-2	236.13	238.13	238.09	237.45	0.48	ppb
Iron	57-2	234.08	245.80	240.89	240.26	2.45	ppb
Iron	54-2	241.87	239.24	241.74	240.95	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:56:36	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.98	0.94	0.96	0.96	1.90	ppb
Lead	207-1	0.94	0.93	0.99	0.95	3.51	ppb
Lead	208-1	0.96	0.95	0.96	0.95	0.46	ppb
Lithium	6-1				104		%
Magnesium	24-2	553.90	563.50	565.75	561.05	1.12	ppb
Manganese	55-2	1.22	1.29	1.22	1.24	3.62	ppb
Molybdenum	94-1	6.60	6.53	6.68	6.60	1.13	ppb
Molybdenum	95-1	5.57	5.68	5.69	5.65	1.15	ppb
Molybdenum	96-1	5.86	5.85	5.81	5.84	0.44	ppb
Molybdenum	97-1	5.64	5.83	5.67	5.71	1.87	ppb
Molybdenum	98-1	5.58	5.82	5.69	5.70	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.09	1.14	1.11	2.23	ppb
Phosphorus	31-2	-198.95	-114.58	-140.01	-151.18		ppb
Potassium	39-2	539.70	550.25	544.39	544.78	0.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	5.18	5.04	6.05	5.42	10.07	ppb
Selenium	77-2	4.91	5.49	3.90	4.77	16.91	ppb
Selenium	78-2	4.75	6.95	6.40	6.03	18.98	ppb
Silicon	28-1	0.29	0.36	0.44	0.36	20.46	ppb
Silver	107-1	1.03	1.00	1.05	1.03	2.48	ppb
Silver	109-1	1.03	1.01	1.04	1.03	1.20	ppb
Sodium	23-2	523.64	526.26	537.00	528.97	1.34	ppb
Strontium	86-1	1.04	1.06	1.04	1.05	1.30	ppb
Strontium	88-1	1.04	1.06	1.07	1.05	1.31	ppb
Sulfur	34-1	-30.83	249.87	271.71	163.58	103.14	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.90	0.88	0.87	0.88	1.49	ppb
Thallium	205-1	0.87	0.91	0.88	0.89	2.32	ppb
Tin	118-1	0.01	0.01	0.01	0.01	17.44	ppb
Titanium	47-1	6.05	6.03	6.14	6.07	0.97	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:56:36	DataFile Name :	049LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.87	0.85	0.86	1.58	ppb
Vanadium	51-2	5.06	5.40	5.19	5.21	3.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.89	6.41	6.64	6.31	6.15	ppb
Zirconium	90-1	0.97	1.00	0.98	0.98	1.36	ppb
Zirconium	91-1	0.96	0.91	0.97	0.95	2.94	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-04	Instrumnet Name :	P7
Client Sample ID :	MYD507	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:59:58	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29473.65	29491.64	29100.16	29355.15	0.75	ppb
Antimony	121-1	1.41	1.42	1.43	1.42	0.89	ppb
Arsenic	75-2	65.44	66.30	67.43	66.39	1.50	ppb
Barium	135-1	242.89	245.17	245.42	244.49	0.57	ppb
Barium	137-1	245.48	251.16	250.65	249.10	1.26	ppb
Beryllium	9-1	1.27	1.36	1.31	1.31	3.27	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.53	1.87	2.09	1.83	15.24	ppb
Cadmium	106-1	1.41	2.30	2.13	1.95	24.33	ppb
Cadmium	111-1	1.19	1.24	1.28	1.24	3.66	ppb
Calcium	43-1	10828.23	10758.22	11060.37	10882.27	1.45	ppb
Calcium	44-1	10110.97	10153.39	10297.65	10187.34	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	34.55	33.65	34.03	34.08	1.32	ppb
Cobalt	59-2	33.90	33.20	33.51	33.53	1.05	ppb
Copper	63-2	179.81	176.96	177.43	178.07	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				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	79193.03	78470.98	78219.90	78627.97	0.64	ppb
Iron	57-2	78951.83	77643.34	76421.83	77672.33	1.63	ppb
Iron	54-2	78439.88	77546.17	79228.19	78404.75	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-04	Instrumnet Name :	P7
Client Sample ID :	MYD507	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:59:58	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.66	54.15	54.19	54.33	0.53	ppb
Lead	207-1	55.31	55.05	54.62	54.99	0.64	ppb
Lead	208-1	54.34	53.78	54.40	54.17	0.63	ppb
Lithium	6-1				105		%
Magnesium	24-2	10975.00	10630.64	10339.42	10648.35	2.99	ppb
Manganese	55-2	1415.36	1412.12	1438.48	1421.99	1.01	ppb
Molybdenum	94-1	13.27	13.51	13.57	13.45	1.19	ppb
Molybdenum	95-1	1.18	1.15	1.13	1.15	2.09	ppb
Molybdenum	96-1	3.10	3.13	3.00	3.07	2.24	ppb
Molybdenum	97-1	1.15	1.17	1.12	1.14	2.19	ppb
Molybdenum	98-1	1.10	1.16	1.15	1.14	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.11	30.75	30.94	30.93	0.57	ppb
Phosphorus	31-2	18322.14	17694.65	18139.07	18051.95	1.79	ppb
Potassium	39-2	5841.17	5857.71	5877.03	5858.64	0.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.74	0.62	0.93	0.76	20.54	ppb
Selenium	77-2	15.40	11.45	9.35	12.07	25.46	ppb
Selenium	78-2	4.88	3.90	3.10	3.96	22.49	ppb
Silicon	28-1	398.57	398.23	404.86	400.55	0.93	ppb
Silver	107-1	0.49	0.45	0.46	0.46	4.58	ppb
Silver	109-1	0.46	0.46	0.46	0.46	0.31	ppb
Sodium	23-2	201.45	200.15	203.90	201.83	0.94	ppb
Strontium	86-1	60.24	60.00	59.41	59.89	0.71	ppb
Strontium	88-1	58.86	59.32	59.57	59.25	0.61	ppb
Sulfur	34-1	-508.42	-626.33	-647.09	-593.95		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.28	0.25	0.27	0.27	4.39	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	2.69	ppb
Tin	118-1	0.46	0.47	0.47	0.47	1.80	ppb
Titanium	47-1	1717.14	1716.26	1729.91	1721.11	0.44	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-04	Instrumnet Name :	P7
Client Sample ID :	MYD507	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:59:58	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.79	0.80	0.79	1.27	ppb
Vanadium	51-2	146.02	146.66	146.43	146.37	0.22	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	213.26	210.67	209.66	211.20	0.88	ppb
Zirconium	90-1	6.34	6.25	6.20	6.26	1.10	ppb
Zirconium	91-1	6.28	6.49	6.14	6.30	2.83	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-05	Instrumnet Name :	P7
Client Sample ID :	MYD508	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:03:14	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27279.20	27568.96	40001.66	31616.61	22.97	ppb
Antimony	121-1	1.33	1.27	1.28	1.29	2.45	ppb
Arsenic	75-2	64.12	61.42	90.52	72.02	22.33	ppb
Barium	135-1	242.52	238.21	244.76	241.83	1.38	ppb
Barium	137-1	243.46	242.16	244.24	243.29	0.43	ppb
Beryllium	9-1	1.23	1.19	1.32	1.25	5.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.12	1.55	1.94	17.35	ppb
Cadmium	106-1	2.63	1.42	2.93	2.33	34.45	ppb
Cadmium	111-1	1.35	1.17	1.43	1.32	10.22	ppb
Calcium	43-1	10037.67	10426.36	10211.32	10225.12	1.90	ppb
Calcium	44-1	9659.81	9628.16	9871.44	9719.80	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	31.40	31.45	45.41	36.09	22.37	ppb
Cobalt	59-2	28.32	28.46	41.58	32.79	23.23	ppb
Copper	63-2	151.12	150.25	219.76	173.71	22.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				91		%
Indium	115-1				100		%
Indium	115-2				87		%
Iron	56-2	70059.23	69984.75	102319.20	80787.73	23.08	ppb
Iron	57-2	69187.62	68465.80	100245.63	79299.68	22.88	ppb
Iron	54-2	69189.18	69598.75	101635.13	80141.02	23.23	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-05	Instrumnet Name :	P7
Client Sample ID :	MYD508	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:03:14	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.55	61.43	60.82	60.60	1.59	ppb
Lead	207-1	58.70	63.15	61.08	60.97	3.65	ppb
Lead	208-1	59.17	61.70	60.18	60.35	2.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	9785.64	9760.04	14393.72	11313.13	23.58	ppb
Manganese	55-2	1438.24	1443.93	2092.79	1658.32	22.69	ppb
Molybdenum	94-1	13.52	13.52	13.13	13.39	1.69	ppb
Molybdenum	95-1	1.03	0.96	1.11	1.03	7.04	ppb
Molybdenum	96-1	2.81	2.87	2.73	2.80	2.37	ppb
Molybdenum	97-1	1.05	0.97	1.13	1.05	7.57	ppb
Molybdenum	98-1	1.07	1.00	1.03	1.03	3.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.46	28.48	42.31	33.42	23.09	ppb
Phosphorus	31-2	18222.31	19298.82	27623.25	21714.79	23.69	ppb
Potassium	39-2	6325.54	6328.48	9113.39	7255.81	22.17	ppb
Rhodium	103-1				97		%
Rhodium	103-2				86		%
Scandium	45-1				103		%
Scandium	45-2				92		%
Selenium	82-1	0.31	0.95	0.70	0.66	48.98	ppb
Selenium	77-2	8.45	10.18	10.06	9.57	10.08	ppb
Selenium	78-2	3.69	3.03	4.37	3.70	18.18	ppb
Silicon	28-1	366.83	380.01	376.70	374.51	1.83	ppb
Silver	107-1	0.45	0.44	0.44	0.44	1.50	ppb
Silver	109-1	0.44	0.41	0.43	0.43	3.33	ppb
Sodium	23-2	211.37	214.23	315.22	246.94	23.95	ppb
Strontium	86-1	53.79	55.87	55.25	54.97	1.94	ppb
Strontium	88-1	54.90	55.98	54.39	55.09	1.47	ppb
Sulfur	34-1	-881.45	-938.87	-1009.35	-943.22		ppb
Terbium	159-1				103		%
Terbium	159-2				91		%
Thallium	203-1	0.23	0.23	0.22	0.23	3.29	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	3.67	ppb
Tin	118-1	0.31	0.31	0.32	0.32	1.59	ppb
Titanium	47-1	1636.17	1704.27	1689.27	1676.57	2.13	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-05	Instrumnet Name :	P7
Client Sample ID :	MYD508	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:03:14	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.81	0.77	0.77	4.71	ppb
Vanadium	51-2	119.97	119.33	174.78	138.03	23.06	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	246.63	247.39	359.25	284.42	22.78	ppb
Zirconium	90-1	6.16	6.21	6.12	6.16	0.67	ppb
Zirconium	91-1	6.24	6.27	6.24	6.25	0.28	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-06	Instrumnet Name :	P7
Client Sample ID :	MYD509	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:06:27	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31306.51	30625.00	31301.60	31077.70	1.26	ppb
Antimony	121-1	1.61	1.63	1.65	1.63	1.26	ppb
Arsenic	75-2	92.12	92.60	91.25	91.99	0.74	ppb
Barium	135-1	279.48	283.17	281.23	281.29	0.65	ppb
Barium	137-1	278.10	282.55	287.53	282.73	1.67	ppb
Beryllium	9-1	1.34	1.43	1.41	1.39	3.33	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.52	2.59	2.82	2.64	5.88	ppb
Cadmium	106-1	2.21	1.98	3.33	2.51	28.82	ppb
Cadmium	111-1	1.79	1.80	1.84	1.81	1.45	ppb
Calcium	43-1	11716.12	11992.13	12049.99	11919.41	1.50	ppb
Calcium	44-1	11145.86	11382.76	11371.81	11300.14	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.43	40.72	41.25	40.80	1.01	ppb
Cobalt	59-2	34.56	33.76	34.35	34.22	1.21	ppb
Copper	63-2	227.90	226.74	228.38	227.67	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	84335.50	83865.74	84984.75	84395.33	0.67	ppb
Iron	57-2	83842.17	83488.49	83882.14	83737.60	0.26	ppb
Iron	54-2	85129.39	83514.08	85828.00	84823.82	1.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-06	Instrumnet Name :	P7
Client Sample ID :	MYD509	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:06:27	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	85.23	83.35	83.15	83.91	1.37	ppb
Lead	207-1	86.06	84.85	86.41	85.78	0.95	ppb
Lead	208-1	84.36	82.89	83.51	83.58	0.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	12133.65	11793.10	12136.31	12021.02	1.64	ppb
Manganese	55-2	1648.38	1626.57	1646.06	1640.33	0.73	ppb
Molybdenum	94-1	17.72	17.79	17.99	17.84	0.78	ppb
Molybdenum	95-1	1.47	1.42	1.47	1.45	2.02	ppb
Molybdenum	96-1	3.83	3.77	3.94	3.85	2.26	ppb
Molybdenum	97-1	1.55	1.43	1.46	1.48	4.04	ppb
Molybdenum	98-1	1.45	1.44	1.45	1.45	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.83	34.56	34.83	35.07	1.91	ppb
Phosphorus	31-2	22400.85	21343.78	21431.52	21725.38	2.70	ppb
Potassium	39-2	7054.67	6953.45	7140.80	7049.64	1.33	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	1.05	0.30	0.94	0.76	52.91	ppb
Selenium	77-2	10.34	10.18	12.58	11.04	12.16	ppb
Selenium	78-2	3.97	2.08	4.86	3.64	39.03	ppb
Silicon	28-1	394.36	401.93	400.89	399.06	1.03	ppb
Silver	107-1	0.55	0.58	0.55	0.56	3.02	ppb
Silver	109-1	0.56	0.56	0.58	0.57	2.36	ppb
Sodium	23-2	222.88	223.84	225.72	224.15	0.64	ppb
Strontium	86-1	62.71	63.01	63.89	63.20	0.98	ppb
Strontium	88-1	61.92	61.66	63.72	62.43	1.80	ppb
Sulfur	34-1	-1137.18	-1128.25	-1170.89	-1145.44		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.26	0.27	0.27	0.27	3.48	ppb
Thallium	205-1	0.27	0.27	0.27	0.27	1.40	ppb
Tin	118-1	0.30	0.30	0.31	0.30	1.42	ppb
Titanium	47-1	1559.59	1591.32	1591.37	1580.76	1.16	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-06	Instrumnet Name :	P7
Client Sample ID :	MYD509	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:06:27	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.94	0.99	0.97	2.44	ppb
Vanadium	51-2	147.39	145.78	148.02	147.06	0.79	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	314.56	313.03	317.56	315.05	0.73	ppb
Zirconium	90-1	8.27	8.37	8.50	8.38	1.36	ppb
Zirconium	91-1	8.15	8.35	8.65	8.39	3.01	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-07	Instrumnet Name :	P7
Client Sample ID :	MYD510	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:09:42	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38550.76	38555.18	38570.89	38558.94	0.03	ppb
Antimony	121-1	1.85	1.90	1.84	1.86	1.87	ppb
Arsenic	75-2	108.51	109.64	111.57	109.91	1.41	ppb
Barium	135-1	331.16	336.46	335.50	334.37	0.84	ppb
Barium	137-1	335.34	340.61	339.64	338.53	0.83	ppb
Beryllium	9-1	1.82	1.84	1.78	1.81	1.59	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.34	2.39	1.90	2.21	12.29	ppb
Cadmium	106-1	4.16	4.31	2.33	3.60	30.69	ppb
Cadmium	111-1	2.04	2.06	1.94	2.02	3.08	ppb
Calcium	43-1	13869.66	14197.74	13919.78	13995.73	1.26	ppb
Calcium	44-1	12896.68	13405.98	13082.36	13128.34	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.92	49.83	50.12	49.96	0.29	ppb
Cobalt	59-2	46.45	45.93	46.35	46.24	0.60	ppb
Copper	63-2	232.41	231.61	232.15	232.06	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	111952.83	110465.10	110655.32	111024.41	0.73	ppb
Iron	57-2	109405.28	109300.86	109565.23	109423.79	0.12	ppb
Iron	54-2	111434.73	110854.81	110760.64	111016.72	0.33	ppb
Krypton	83-1						cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-07	Instrumnet Name :	P7
Client Sample ID :	MYD510	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:09:42	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	84.35	84.82	86.36	85.18	1.24	ppb
Lead	207-1	84.50	86.97	87.35	86.27	1.79	ppb
Lead	208-1	83.97	85.31	86.28	85.19	1.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	13969.53	13877.42	13882.57	13909.84	0.37	ppb
Manganese	55-2	2035.88	2013.05	1986.82	2011.92	1.22	ppb
Molybdenum	94-1	21.45	21.74	21.46	21.55	0.77	ppb
Molybdenum	95-1	1.55	1.59	1.52	1.55	2.30	ppb
Molybdenum	96-1	4.40	4.64	4.37	4.47	3.26	ppb
Molybdenum	97-1	1.61	1.63	1.48	1.57	5.21	ppb
Molybdenum	98-1	1.49	1.52	1.51	1.51	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.36	44.79	44.36	44.50	0.55	ppb
Phosphorus	31-2	25485.80	25333.90	25370.97	25396.89	0.31	ppb
Potassium	39-2	8926.24	8906.76	8903.14	8912.05	0.14	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	1.02	1.20	1.38	1.20	15.06	ppb
Selenium	77-2	15.48	14.79	18.18	16.15	11.09	ppb
Selenium	78-2	1.71	3.29	3.35	2.79	33.36	ppb
Silicon	28-1	384.71	394.05	383.99	387.58	1.45	ppb
Silver	107-1	0.56	0.63	0.60	0.60	5.64	ppb
Silver	109-1	0.59	0.59	0.58	0.59	1.17	ppb
Sodium	23-2	252.60	252.48	251.06	252.04	0.34	ppb
Strontium	86-1	79.01	81.46	79.91	80.13	1.55	ppb
Strontium	88-1	79.61	80.43	79.18	79.74	0.80	ppb
Sulfur	34-1	-1171.20	-1090.55	-1198.39	-1153.38		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.33	0.33	0.32	0.33	0.97	ppb
Thallium	205-1	0.34	0.31	0.32	0.32	4.72	ppb
Tin	118-1	0.32	0.34	0.34	0.34	4.13	ppb
Titanium	47-1	2309.85	2337.68	2313.62	2320.39	0.65	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-07	Instrumnet Name :	P7
Client Sample ID :	MYD510	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:09:42	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.20	1.20	1.19	0.65	ppb
Vanadium	51-2	207.65	207.95	207.17	207.59	0.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	357.85	355.31	355.16	356.11	0.43	ppb
Zirconium	90-1	10.04	10.07	10.06	10.06	0.15	ppb
Zirconium	91-1	10.27	10.24	10.25	10.25	0.15	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-08	Instrumnet Name :	P7
Client Sample ID :	MYD511	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:12:55	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37932.26	37886.38	37956.98	37925.21	0.09	ppb
Antimony	121-1	0.95	0.96	0.89	0.93	4.39	ppb
Arsenic	75-2	57.41	56.75	56.20	56.79	1.07	ppb
Barium	135-1	329.52	299.36	295.01	307.96	6.10	ppb
Barium	137-1	325.05	293.97	295.23	304.75	5.77	ppb
Beryllium	9-1	1.65	1.36	1.43	1.48	10.17	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.61	1.97	1.59	1.72	12.41	ppb
Cadmium	106-1	1.82	0.82	1.37	1.34	37.67	ppb
Cadmium	111-1	1.08	0.85	0.96	0.96	11.96	ppb
Calcium	43-1	12820.28	11731.61	12117.46	12223.12	4.52	ppb
Calcium	44-1	12345.62	11197.24	11233.21	11592.02	5.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.13	38.25	38.86	38.41	1.01	ppb
Cobalt	59-2	30.07	30.39	29.96	30.14	0.75	ppb
Copper	63-2	90.41	91.65	91.20	91.09	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				101		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	69123.73	69050.48	68688.21	68954.14	0.34	ppb
Iron	57-2	67970.88	67946.13	68127.84	68014.95	0.14	ppb
Iron	54-2	69825.85	69129.62	68908.09	69287.85	0.69	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-08	Instrumnet Name :	P7
Client Sample ID :	MYD511	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:12:55	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	56.32	50.71	50.97	52.67	6.02	ppb
Lead	207-1	56.12	50.39	52.23	52.91	5.53	ppb
Lead	208-1	55.06	49.54	51.12	51.91	5.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	13612.71	13719.44	13428.38	13586.84	1.08	ppb
Manganese	55-2	1657.88	1662.16	1631.09	1650.38	1.02	ppb
Molybdenum	94-1	20.06	18.06	17.93	18.68	6.40	ppb
Molybdenum	95-1	1.10	0.93	1.00	1.01	8.10	ppb
Molybdenum	96-1	3.64	3.34	3.29	3.42	5.56	ppb
Molybdenum	97-1	1.01	0.94	0.93	0.96	4.59	ppb
Molybdenum	98-1	1.04	0.98	0.97	0.99	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.14	35.90	35.50	35.51	1.07	ppb
Phosphorus	31-2	17966.27	18105.58	17679.60	17917.15	1.21	ppb
Potassium	39-2	8568.46	8661.66	8687.66	8639.26	0.73	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	1.22	0.31	0.65	0.73	62.95	ppb
Selenium	77-2	11.48	11.96	11.31	11.58	2.92	ppb
Selenium	78-2	3.97	3.97	2.88	3.60	17.42	ppb
Silicon	28-1	490.02	444.44	459.62	464.69	4.99	ppb
Silver	107-1	0.36	0.32	0.34	0.34	5.78	ppb
Silver	109-1	0.35	0.34	0.31	0.33	4.81	ppb
Sodium	23-2	196.95	199.02	199.80	198.59	0.74	ppb
Strontium	86-1	69.52	63.98	64.32	65.94	4.71	ppb
Strontium	88-1	69.22	63.03	63.79	65.35	5.16	ppb
Sulfur	34-1	-557.83	-1053.54	-976.65	-862.67		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.33	0.28	0.28	0.30	9.55	ppb
Thallium	205-1	0.29	0.28	0.28	0.28	3.45	ppb
Tin	118-1	0.30	0.27	0.28	0.28	5.17	ppb
Titanium	47-1	1378.20	1249.35	1291.24	1306.27	5.03	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-08	Instrumnet Name :	P7
Client Sample ID :	MYD511	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:12:55	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.87	0.89	0.90	4.88	ppb
Vanadium	51-2	97.98	97.90	97.83	97.90	0.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	281.40	279.76	280.10	280.42	0.31	ppb
Zirconium	90-1	9.58	8.82	8.73	9.04	5.16	ppb
Zirconium	91-1	9.44	8.45	8.80	8.90	5.66	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-09	Instrumnet Name :	P7
Client Sample ID :	MYD512	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:16:11	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42960.39	46045.98	41475.54	43493.97	5.36	ppb
Antimony	121-1	0.61	0.67	0.62	0.63	4.98	ppb
Arsenic	75-2	50.61	56.94	52.05	53.20	6.24	ppb
Barium	135-1	314.38	320.14	308.34	314.29	1.88	ppb
Barium	137-1	312.82	318.89	317.94	316.55	1.03	ppb
Beryllium	9-1	1.53	1.72	1.74	1.66	6.78	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.87	1.58	1.59	17.65	ppb
Cadmium	106-1	1.94	3.37	3.64	2.99	30.57	ppb
Cadmium	111-1	0.70	0.74	0.81	0.75	7.55	ppb
Calcium	43-1	13699.90	13999.37	14042.28	13913.85	1.34	ppb
Calcium	44-1	12925.29	13242.16	13111.00	13092.82	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.34	47.05	43.03	44.47	5.03	ppb
Cobalt	59-2	34.27	36.87	33.31	34.82	5.29	ppb
Copper	63-2	86.14	94.38	84.55	88.36	5.97	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				99		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	77470.14	84568.71	76492.43	79510.43	5.54	ppb
Iron	57-2	77876.17	83184.63	75572.12	78877.64	4.95	ppb
Iron	54-2	77830.92	83726.19	76372.65	79309.92	4.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-09	Instrumnet Name :	P7
Client Sample ID :	MYD512	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:16:11	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.98	40.20	41.17	40.45	1.56	ppb
Lead	207-1	39.68	39.33	41.92	40.31	3.49	ppb
Lead	208-1	39.26	39.68	41.19	40.04	2.54	ppb
Lithium	6-1				97		%
Magnesium	24-2	14983.69	16294.56	14680.60	15319.62	5.60	ppb
Manganese	55-2	1750.06	1906.87	1729.81	1795.58	5.40	ppb
Molybdenum	94-1	20.18	20.45	20.88	20.50	1.72	ppb
Molybdenum	95-1	0.77	0.83	0.79	0.80	3.88	ppb
Molybdenum	96-1	3.40	3.41	3.58	3.47	2.95	ppb
Molybdenum	97-1	0.77	0.76	0.81	0.78	3.11	ppb
Molybdenum	98-1	0.81	0.78	0.80	0.80	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.82	43.35	39.60	40.92	5.13	ppb
Phosphorus	31-2	18609.19	19386.90	16914.27	18303.45	6.91	ppb
Potassium	39-2	8165.73	8865.80	8135.19	8388.91	4.93	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	1.08	0.88	0.44	0.80	40.91	ppb
Selenium	77-2	16.97	15.72	16.46	16.38	3.86	ppb
Selenium	78-2	1.64	5.64	4.49	3.92	52.52	ppb
Silicon	28-1	447.62	458.70	451.86	452.73	1.23	ppb
Silver	107-1	0.25	0.30	0.28	0.28	9.17	ppb
Silver	109-1	0.26	0.29	0.29	0.28	6.54	ppb
Sodium	23-2	206.87	223.90	203.88	211.55	5.10	ppb
Strontium	86-1	68.54	67.27	69.76	68.52	1.82	ppb
Strontium	88-1	67.56	67.68	69.29	68.18	1.41	ppb
Sulfur	34-1	-1179.62	-1098.50	-1232.18	-1170.10		ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.29	0.28	0.29	0.29	3.16	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	3.57	ppb
Tin	118-1	0.28	0.28	0.27	0.28	2.79	ppb
Titanium	47-1	1394.96	1410.23	1418.74	1407.98	0.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-09	Instrumnet Name :	P7
Client Sample ID :	MYD512	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:16:11	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.98	1.02	0.99	3.11	ppb
Vanadium	51-2	115.07	124.03	112.11	117.07	5.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	229.77	242.34	225.33	232.48	3.79	ppb
Zirconium	90-1	10.11	9.85	9.95	9.97	1.32	ppb
Zirconium	91-1	9.89	9.80	10.32	10.00	2.74	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-10	Instrumnet Name :	P7
Client Sample ID :	MYD513	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:19:24	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34467.28	34943.07	34517.01	34642.46	0.75	ppb
Antimony	121-1	1.86	1.90	1.75	1.84	4.14	ppb
Arsenic	75-2	113.23	115.52	115.70	114.82	1.20	ppb
Barium	135-1	233.65	229.35	225.84	229.62	1.70	ppb
Barium	137-1	232.37	231.02	231.71	231.70	0.29	ppb
Beryllium	9-1	1.37	1.45	1.32	1.38	4.93	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.70	3.19	3.93	3.61	10.48	ppb
Cadmium	106-1	5.10	4.04	3.74	4.30	16.65	ppb
Cadmium	111-1	3.21	3.24	3.00	3.15	4.16	ppb
Calcium	43-1	12360.73	12228.34	12434.05	12341.04	0.84	ppb
Calcium	44-1	11572.11	11554.28	11540.62	11555.67	0.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.42	38.42	37.81	38.22	0.92	ppb
Cobalt	59-2	33.68	33.49	33.88	33.68	0.58	ppb
Copper	63-2	384.46	384.43	388.46	385.78	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				97		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	83626.39	83908.69	84020.72	83851.93	0.24	ppb
Iron	57-2	82907.56	83847.20	83885.19	83546.65	0.66	ppb
Iron	54-2	83837.24	83810.89	84549.27	84065.80	0.50	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-10	Instrumnet Name :	P7
Client Sample ID :	MYD513	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:19:24	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	127.42	129.39	132.81	129.87	2.10	ppb
Lead	207-1	130.33	132.12	138.08	133.51	3.04	ppb
Lead	208-1	129.63	131.13	135.93	132.23	2.49	ppb
Lithium	6-1				94		%
Magnesium	24-2	14339.08	14480.32	14754.57	14524.66	1.45	ppb
Manganese	55-2	1651.63	1634.85	1664.60	1650.36	0.90	ppb
Molybdenum	94-1	17.76	17.95	18.15	17.95	1.10	ppb
Molybdenum	95-1	1.26	1.28	1.31	1.28	2.11	ppb
Molybdenum	96-1	3.57	3.34	3.54	3.48	3.57	ppb
Molybdenum	97-1	1.27	1.32	1.36	1.32	3.38	ppb
Molybdenum	98-1	1.25	1.21	1.28	1.24	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.48	34.75	34.76	34.66	0.46	ppb
Phosphorus	31-2	25766.70	25751.73	25409.29	25642.57	0.79	ppb
Potassium	39-2	7816.90	7733.72	8002.49	7851.03	1.75	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	1.56	0.45	1.23	1.08	52.80	ppb
Selenium	77-2	13.39	15.17	13.30	13.95	7.59	ppb
Selenium	78-2	3.82	2.64	2.41	2.95	25.64	ppb
Silicon	28-1	430.81	426.51	435.06	430.79	0.99	ppb
Silver	107-1	1.05	1.05	1.05	1.05	0.21	ppb
Silver	109-1	1.03	1.05	1.05	1.04	1.34	ppb
Sodium	23-2	210.77	217.42	219.24	215.81	2.06	ppb
Strontium	86-1	52.55	52.79	54.39	53.24	1.88	ppb
Strontium	88-1	54.16	53.76	54.59	54.17	0.76	ppb
Sulfur	34-1	-688.75	-725.26	-721.95	-711.99		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.28	0.30	0.28	0.29	4.18	ppb
Thallium	205-1	0.29	0.28	0.31	0.29	4.97	ppb
Tin	118-1	0.33	0.32	0.32	0.33	1.16	ppb
Titanium	47-1	1467.44	1452.51	1489.55	1469.83	1.27	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-10	Instrumnet Name :	P7
Client Sample ID :	MYD513	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:19:24	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.76	0.78	0.77	1.59	ppb
Vanadium	51-2	134.79	135.21	136.54	135.51	0.68	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	487.74	496.41	495.20	493.12	0.95	ppb
Zirconium	90-1	8.34	8.33	8.34	8.33	0.07	ppb
Zirconium	91-1	8.33	8.43	8.54	8.44	1.28	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-11	Instrumnet Name :	P7
Client Sample ID :	MYD514	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:22:39	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34139.86	34255.77	34508.17	34301.27	0.55	ppb
Antimony	121-1	1.43	1.48	1.37	1.43	3.59	ppb
Arsenic	75-2	85.92	84.89	82.51	84.44	2.07	ppb
Barium	135-1	281.72	288.29	274.28	281.43	2.49	ppb
Barium	137-1	281.44	287.30	279.04	282.59	1.50	ppb
Beryllium	9-1	1.40	1.36	1.36	1.37	1.51	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.77	2.43	2.48	2.56	7.20	ppb
Cadmium	106-1	1.99	2.94	0.90	1.95	52.57	ppb
Cadmium	111-1	1.73	1.90	1.43	1.69	13.85	ppb
Calcium	43-1	12410.68	12535.10	12751.06	12565.61	1.37	ppb
Calcium	44-1	11750.02	11714.34	11804.05	11756.14	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.92	39.95	39.66	39.84	0.41	ppb
Cobalt	59-2	38.42	38.29	38.09	38.26	0.44	ppb
Copper	63-2	192.07	190.32	192.48	191.62	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				97		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	91267.98	90324.20	90870.44	90820.87	0.52	ppb
Iron	57-2	89856.94	89849.26	89099.81	89602.00	0.49	ppb
Iron	54-2	91333.74	91107.24	90668.38	91036.45	0.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-11	Instrumnet Name :	P7
Client Sample ID :	MYD514	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:22:39	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	72.15	73.71	73.13	73.00	1.08	ppb
Lead	207-1	72.39	73.03	74.88	73.44	1.76	ppb
Lead	208-1	72.11	73.27	73.14	72.84	0.87	ppb
Lithium	6-1				94		%
Magnesium	24-2	12380.83	12287.29	12500.74	12389.62	0.86	ppb
Manganese	55-2	1462.06	1461.22	1471.89	1465.06	0.40	ppb
Molybdenum	94-1	16.66	16.81	17.82	17.10	3.70	ppb
Molybdenum	95-1	1.00	1.08	1.02	1.04	3.59	ppb
Molybdenum	96-1	3.34	3.41	3.67	3.47	4.91	ppb
Molybdenum	97-1	1.08	1.06	1.07	1.07	0.96	ppb
Molybdenum	98-1	1.03	1.02	1.07	1.04	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.96	34.11	33.27	33.78	1.32	ppb
Phosphorus	31-2	20595.60	21031.31	21070.19	20899.04	1.26	ppb
Potassium	39-2	5457.24	5435.54	5453.46	5448.75	0.21	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	1.00	0.68	0.31	0.66	52.08	ppb
Selenium	77-2	13.52	15.88	15.02	14.81	8.08	ppb
Selenium	78-2	2.51	6.18	3.40	4.03	47.48	ppb
Silicon	28-1	414.44	409.94	425.36	416.58	1.90	ppb
Silver	107-1	0.54	0.55	0.51	0.53	3.35	ppb
Silver	109-1	0.51	0.53	0.50	0.51	2.16	ppb
Sodium	23-2	199.30	195.85	202.08	199.07	1.57	ppb
Strontium	86-1	60.17	60.76	63.65	61.53	3.03	ppb
Strontium	88-1	60.46	60.45	62.65	61.19	2.08	ppb
Sulfur	34-1	-906.51	-1099.56	-1140.23	-1048.77		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.21	0.20	0.20	0.20	2.03	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	2.18	ppb
Tin	118-1	0.30	0.30	0.29	0.30	0.72	ppb
Titanium	47-1	1535.44	1528.50	1569.33	1544.42	1.41	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-11	Instrumnet Name :	P7
Client Sample ID :	MYD514	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:22:39	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.78	0.77	1.68	ppb
Vanadium	51-2	175.99	176.47	176.49	176.32	0.16	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	309.45	304.95	307.65	307.35	0.74	ppb
Zirconium	90-1	8.10	8.09	8.33	8.17	1.65	ppb
Zirconium	91-1	7.91	8.02	8.42	8.12	3.32	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-12	Instrumnet Name :	P7
Client Sample ID :	MYD515	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:25:52	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31185.55	32313.15	31461.23	31653.31	1.86	ppb
Antimony	121-1	1.85	2.10	1.77	1.91	8.87	ppb
Arsenic	75-2	121.30	122.20	120.38	121.29	0.75	ppb
Barium	135-1	274.41	298.50	265.70	279.54	6.08	ppb
Barium	137-1	275.78	301.40	263.80	280.33	6.85	ppb
Beryllium	9-1	1.36	1.32	1.09	1.26	11.67	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.40	2.90	1.90	2.40	20.93	ppb
Cadmium	106-1	1.80	2.15	1.74	1.90	11.56	ppb
Cadmium	111-1	1.65	1.66	1.58	1.63	2.64	ppb
Calcium	43-1	13132.92	14584.61	12761.03	13492.85	7.14	ppb
Calcium	44-1	12679.67	13625.36	12120.75	12808.59	5.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.09	40.46	41.09	40.55	1.25	ppb
Cobalt	59-2	35.28	35.31	35.54	35.37	0.40	ppb
Copper	63-2	153.25	154.74	157.55	155.18	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	97335.23	98147.28	99293.56	98258.69	1.00	ppb
Iron	57-2	95673.28	96616.97	97618.53	96636.26	1.01	ppb
Iron	54-2	97259.65	97970.67	99245.37	98158.56	1.02	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-12	Instrumnet Name :	P7
Client Sample ID :	MYD515	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:25:52	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.23	91.99	80.28	86.83	6.88	ppb
Lead	207-1	91.11	94.76	81.71	89.19	7.55	ppb
Lead	208-1	88.28	94.66	80.55	87.83	8.05	ppb
Lithium	6-1				93		%
Magnesium	24-2	12325.70	12587.46	12551.36	12488.17	1.14	ppb
Manganese	55-2	1527.00	1575.11	1570.23	1557.45	1.70	ppb
Molybdenum	94-1	20.64	21.75	18.95	20.45	6.89	ppb
Molybdenum	95-1	1.38	1.49	1.30	1.39	6.86	ppb
Molybdenum	96-1	4.20	4.30	3.81	4.11	6.29	ppb
Molybdenum	97-1	1.42	1.52	1.33	1.42	6.50	ppb
Molybdenum	98-1	1.35	1.44	1.23	1.34	7.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.92	34.11	33.88	33.97	0.36	ppb
Phosphorus	31-2	24319.60	24129.74	23981.77	24143.71	0.70	ppb
Potassium	39-2	6152.94	5838.48	6270.30	6087.24	3.67	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.63	0.87	0.44	0.64	33.63	ppb
Selenium	77-2	6.66	11.44	11.45	9.85	28.03	ppb
Selenium	78-2	3.18	3.74	0.84	2.58	59.51	ppb
Silicon	28-1	373.30	406.03	353.52	377.62	7.02	ppb
Silver	107-1	0.48	0.49	0.43	0.47	6.24	ppb
Silver	109-1	0.45	0.48	0.45	0.46	4.25	ppb
Sodium	23-2	216.95	226.25	230.04	224.41	3.00	ppb
Strontium	86-1	66.44	68.55	60.35	65.11	6.53	ppb
Strontium	88-1	65.46	69.02	60.37	64.95	6.69	ppb
Sulfur	34-1	-1101.14	-578.64	-1346.72	-1008.83		ppb
Terbium	159-1				96		%
Terbium	159-2				92		%
Thallium	203-1	0.21	0.24	0.20	0.21	10.26	ppb
Thallium	205-1	0.22	0.23	0.18	0.21	12.85	ppb
Tin	118-1	0.29	0.30	0.27	0.29	5.12	ppb
Titanium	47-1	2214.22	2396.65	2104.37	2238.41	6.60	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-12	Instrumnet Name :	P7
Client Sample ID :	MYD515	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:25:52	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.78	0.66	0.73	8.56	ppb
Vanadium	51-2	196.99	198.96	202.00	199.32	1.27	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	386.07	389.09	401.09	392.08	2.03	ppb
Zirconium	90-1	9.80	9.99	8.95	9.58	5.80	ppb
Zirconium	91-1	9.88	10.37	9.23	9.83	5.81	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-13	Instrumnet Name :	P7
Client Sample ID :	MYD516	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:29:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31593.74	31315.53	30983.40	31297.56	0.98	ppb
Antimony	121-1	2.17	2.27	2.23	2.22	2.19	ppb
Arsenic	75-2	108.71	107.82	110.54	109.02	1.27	ppb
Barium	135-1	245.75	245.55	251.75	247.68	1.42	ppb
Barium	137-1	249.70	248.27	250.38	249.45	0.43	ppb
Beryllium	9-1	1.23	1.27	1.27	1.26	2.13	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.99	2.61	3.07	2.89	8.58	ppb
Cadmium	106-1	4.16	3.03	3.11	3.43	18.48	ppb
Cadmium	111-1	2.75	2.53	2.62	2.63	4.25	ppb
Calcium	43-1	12279.32	12284.54	12231.35	12265.07	0.24	ppb
Calcium	44-1	11520.27	11547.63	11473.19	11513.70	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.75	36.69	36.70	36.71	0.08	ppb
Cobalt	59-2	31.76	32.03	31.82	31.87	0.45	ppb
Copper	63-2	307.42	306.88	301.25	305.19	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	82168.13	82484.30	81549.49	82067.31	0.58	ppb
Iron	57-2	81720.31	81780.51	80778.59	81426.47	0.69	ppb
Iron	54-2	82449.31	82353.38	80951.44	81918.04	1.02	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-13	Instrumnet Name :	P7
Client Sample ID :	MYD516	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:29:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	128.14	130.43	130.17	129.58	0.97	ppb
Lead	207-1	133.53	134.57	130.75	132.95	1.49	ppb
Lead	208-1	130.06	130.45	129.23	129.91	0.48	ppb
Lithium	6-1				91		%
Magnesium	24-2	13473.28	13223.70	13033.50	13243.50	1.67	ppb
Manganese	55-2	1534.80	1526.87	1516.59	1526.09	0.60	ppb
Molybdenum	94-1	19.05	18.90	19.11	19.02	0.57	ppb
Molybdenum	95-1	1.24	1.32	1.33	1.29	3.72	ppb
Molybdenum	96-1	3.79	3.83	3.78	3.80	0.67	ppb
Molybdenum	97-1	1.34	1.30	1.32	1.32	1.35	ppb
Molybdenum	98-1	1.27	1.27	1.31	1.28	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.06	32.74	32.96	32.92	0.49	ppb
Phosphorus	31-2	24321.84	24958.47	24270.03	24516.78	1.56	ppb
Potassium	39-2	7192.89	7183.35	7110.03	7162.09	0.63	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.67	1.38	0.84	0.96	38.74	ppb
Selenium	77-2	10.15	6.14	12.35	9.55	32.98	ppb
Selenium	78-2	2.51	3.31	2.75	2.86	14.44	ppb
Silicon	28-1	391.84	399.30	396.98	396.04	0.96	ppb
Silver	107-1	0.98	1.00	0.99	0.99	1.13	ppb
Silver	109-1	1.02	0.93	0.97	0.98	4.38	ppb
Sodium	23-2	199.43	197.24	199.90	198.86	0.72	ppb
Strontium	86-1	57.44	59.63	58.96	58.68	1.91	ppb
Strontium	88-1	58.31	58.61	57.80	58.24	0.71	ppb
Sulfur	34-1	-586.96	-672.39	-697.56	-652.31		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.27	0.26	0.25	0.26	4.56	ppb
Thallium	205-1	0.28	0.24	0.24	0.25	7.58	ppb
Tin	118-1	0.34	0.33	0.33	0.33	1.80	ppb
Titanium	47-1	1634.78	1662.93	1639.17	1645.63	0.92	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-13	Instrumnet Name :	P7
Client Sample ID :	MYD516	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:29:10	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.70	0.71	0.71	2.36	ppb
Vanadium	51-2	136.92	136.60	135.45	136.32	0.56	ppb
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	462.56	463.44	462.40	462.80	0.12	ppb
Zirconium	90-1	8.90	9.02	8.94	8.95	0.67	ppb
Zirconium	91-1	8.91	8.95	9.00	8.95	0.50	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-14	Instrumnet Name :	P7
Client Sample ID :	MYD517	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:32:23	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30439.54	31124.31	30945.54	30836.46	1.15	ppb
Antimony	121-1	1.53	1.68	1.65	1.62	5.08	ppb
Arsenic	75-2	85.63	86.99	80.83	84.48	3.83	ppb
Barium	135-1	252.14	239.84	251.79	247.92	2.83	ppb
Barium	137-1	250.10	246.81	250.44	249.12	0.80	ppb
Beryllium	9-1	1.29	1.29	1.26	1.28	1.54	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	2.09	1.90	2.09	9.21	ppb
Cadmium	106-1	1.79	1.48	3.22	2.16	42.91	ppb
Cadmium	111-1	1.80	1.69	1.88	1.79	5.36	ppb
Calcium	43-1	12122.59	12078.84	12090.15	12097.19	0.19	ppb
Calcium	44-1	11445.61	11496.25	11467.94	11469.94	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.73	39.94	39.76	39.81	0.30	ppb
Cobalt	59-2	30.34	30.99	30.17	30.50	1.42	ppb
Copper	63-2	180.82	182.80	179.54	181.05	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	56-2	74940.37	75660.70	74793.22	75131.43	0.62	ppb
Iron	57-2	74662.98	74802.15	74391.81	74618.98	0.28	ppb
Iron	54-2	74791.40	76091.39	75048.97	75310.59	0.91	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-14	Instrumnet Name :	P7
Client Sample ID :	MYD517	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:32:23	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	81.85	77.57	77.90	79.11	3.01	ppb
Lead	207-1	83.02	81.66	78.16	80.95	3.10	ppb
Lead	208-1	81.38	78.87	78.23	79.49	2.09	ppb
Lithium	6-1				92		%
Magnesium	24-2	11239.57	11068.19	11292.14	11199.97	1.05	ppb
Manganese	55-2	1412.96	1433.28	1430.30	1425.51	0.77	ppb
Molybdenum	94-1	13.46	13.92	13.50	13.63	1.89	ppb
Molybdenum	95-1	1.12	1.09	1.06	1.09	2.40	ppb
Molybdenum	96-1	2.90	2.99	2.88	2.92	2.12	ppb
Molybdenum	97-1	1.14	1.05	1.16	1.12	5.04	ppb
Molybdenum	98-1	1.00	1.11	1.04	1.05	5.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.36	31.36	31.00	31.24	0.65	ppb
Phosphorus	31-2	17572.10	17754.14	17734.66	17686.97	0.57	ppb
Potassium	39-2	5939.19	6056.01	5820.02	5938.41	1.99	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.64	1.29	0.83	0.92	36.22	ppb
Selenium	77-2	9.71	8.70	9.51	9.31	5.76	ppb
Selenium	78-2	4.51	1.51	3.89	3.30	47.93	ppb
Silicon	28-1	384.21	380.96	372.94	379.37	1.53	ppb
Silver	107-1	0.55	0.52	0.55	0.54	3.22	ppb
Silver	109-1	0.53	0.54	0.51	0.53	3.15	ppb
Sodium	23-2	189.87	193.22	191.77	191.62	0.88	ppb
Strontium	86-1	63.35	63.36	61.12	62.61	2.06	ppb
Strontium	88-1	62.01	62.94	62.00	62.32	0.86	ppb
Sulfur	34-1	-859.16	-1119.97	-1004.80	-994.64		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.18	0.19	0.19	0.19	1.47	ppb
Thallium	205-1	0.20	0.20	0.18	0.19	7.02	ppb
Tin	118-1	0.26	0.25	0.26	0.26	2.21	ppb
Titanium	47-1	1520.23	1524.58	1495.69	1513.50	1.03	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-14	Instrumnet Name :	P7
Client Sample ID :	MYD517	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:32:23	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.77	0.72	0.75	3.21	ppb
Vanadium	51-2	136.25	135.60	135.35	135.73	0.34	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	360.51	358.97	358.10	359.19	0.34	ppb
Zirconium	90-1	6.35	6.38	6.15	6.30	1.99	ppb
Zirconium	91-1	6.58	6.30	6.16	6.35	3.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-15	Instrumnet Name :	P7
Client Sample ID :	MYD518	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:35:39	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41324.64	40446.91	38659.96	40143.84	3.38	ppb
Antimony	121-1	1.42	1.33	1.39	1.38	3.26	ppb
Arsenic	75-2	81.99	79.49	79.89	80.46	1.67	ppb
Barium	135-1	325.82	316.42	329.68	323.97	2.11	ppb
Barium	137-1	323.92	323.38	327.55	324.95	0.70	ppb
Beryllium	9-1	1.53	1.63	1.61	1.59	3.20	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.55	1.90	2.14	2.20	14.94	ppb
Cadmium	106-1	3.11	2.75	2.47	2.78	11.56	ppb
Cadmium	111-1	1.50	1.51	1.38	1.46	4.61	ppb
Calcium	43-1	17109.51	17096.68	16575.13	16927.11	1.80	ppb
Calcium	44-1	16029.04	16027.61	15720.38	15925.68	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.43	42.54	39.77	41.91	4.56	ppb
Cobalt	59-2	37.05	36.21	34.44	35.90	3.71	ppb
Copper	63-2	191.23	188.74	177.03	185.66	4.08	ppb
Dysprosium	156-1						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				89		%
Indium	115-2				91		%
Iron	56-2	95693.08	93803.82	88002.92	92499.94	4.33	ppb
Iron	57-2	93929.16	93003.81	86430.20	91121.06	4.49	ppb
Iron	54-2	95400.54	93493.89	90150.99	93015.14	2.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-15	Instrumnet Name :	P7
Client Sample ID :	MYD518	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:35:39	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	67.09	65.74	66.30	66.38	1.02	ppb
Lead	207-1	66.37	67.04	66.19	66.53	0.67	ppb
Lead	208-1	66.65	65.80	65.33	65.93	1.01	ppb
Lithium	6-1				91		%
Magnesium	24-2	15305.08	15000.95	14202.81	14836.28	3.84	ppb
Manganese	55-2	1774.28	1743.39	1659.86	1725.84	3.43	ppb
Molybdenum	94-1	22.16	22.10	22.20	22.15	0.24	ppb
Molybdenum	95-1	1.20	1.10	1.18	1.16	4.33	ppb
Molybdenum	96-1	4.09	4.05	4.08	4.07	0.49	ppb
Molybdenum	97-1	1.09	1.21	1.19	1.16	5.72	ppb
Molybdenum	98-1	1.10	1.15	1.14	1.13	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.17	37.54	35.39	37.03	3.94	ppb
Phosphorus	31-2	23741.57	22550.02	21763.79	22685.13	4.39	ppb
Potassium	39-2	6566.67	6482.35	6003.04	6350.68	4.79	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.40	1.34	1.22	0.99	52.00	ppb
Selenium	77-2	15.81	14.48	12.58	14.29	11.36	ppb
Selenium	78-2	2.69	2.41	0.36	1.82	69.83	ppb
Silicon	28-1	434.21	438.18	427.73	433.37	1.22	ppb
Silver	107-1	0.44	0.45	0.45	0.45	1.95	ppb
Silver	109-1	0.43	0.43	0.46	0.44	3.72	ppb
Sodium	23-2	189.49	190.41	176.63	185.51	4.15	ppb
Strontium	86-1	81.45	83.20	83.91	82.85	1.53	ppb
Strontium	88-1	82.81	82.18	82.58	82.52	0.38	ppb
Sulfur	34-1	-965.67	-1067.77	-1104.68	-1046.04		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.26	0.26	0.25	0.26	2.40	ppb
Thallium	205-1	0.23	0.23	0.25	0.24	4.69	ppb
Tin	118-1	0.28	0.28	0.29	0.29	1.83	ppb
Titanium	47-1	1633.34	1655.79	1606.45	1631.86	1.51	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-15	Instrumnet Name :	P7
Client Sample ID :	MYD518	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:35:39	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.96	0.97	0.96	1.67	ppb
Vanadium	51-2	163.70	159.74	150.85	158.09	4.16	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	304.51	294.67	283.48	294.22	3.58	ppb
Zirconium	90-1	10.54	10.57	10.75	10.62	1.08	ppb
Zirconium	91-1	10.56	10.73	10.78	10.69	1.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-16	Instrumnet Name :	P7
Client Sample ID :	MYD519	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:38:53	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57512.57	56693.39	55135.38	56447.11	2.14	ppb
Antimony	121-1	0.57	0.57	0.60	0.58	2.96	ppb
Arsenic	75-2	59.13	57.99	57.15	58.09	1.71	ppb
Barium	135-1	412.22	426.19	419.82	419.41	1.67	ppb
Barium	137-1	411.40	421.67	422.20	418.42	1.46	ppb
Beryllium	9-1	2.25	2.03	2.13	2.14	5.21	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.65	2.28	1.64	1.86	19.69	ppb
Cadmium	106-1	2.86	3.58	3.00	3.14	12.19	ppb
Cadmium	111-1	0.90	0.90	0.94	0.92	2.70	ppb
Calcium	43-1	17603.86	17967.94	18246.13	17939.31	1.80	ppb
Calcium	44-1	16748.91	17076.73	17181.81	17002.48	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.61	57.32	55.87	56.94	1.64	ppb
Cobalt	59-2	45.06	45.45	44.30	44.93	1.30	ppb
Copper	63-2	108.45	108.68	104.91	107.35	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				98		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				87		%
Iron	56-2	101703.79	100946.39	98712.51	100454.23	1.55	ppb
Iron	57-2	99020.51	99658.58	96628.37	98435.82	1.62	ppb
Iron	54-2	102343.27	101682.32	98727.04	100917.54	1.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-16	Instrumnet Name :	P7
Client Sample ID :	MYD519	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:38:53	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	45.55	45.34	46.21	45.70	0.99	ppb
Lead	207-1	44.54	43.53	45.18	44.42	1.88	ppb
Lead	208-1	44.23	43.64	44.83	44.23	1.34	ppb
Lithium	6-1				90		%
Magnesium	24-2	20125.27	19907.71	19089.39	19707.46	2.77	ppb
Manganese	55-2	2274.87	2286.26	2215.87	2259.00	1.67	ppb
Molybdenum	94-1	26.30	26.28	26.64	26.40	0.76	ppb
Molybdenum	95-1	1.09	1.10	1.14	1.11	2.12	ppb
Molybdenum	96-1	4.48	4.36	4.58	4.47	2.53	ppb
Molybdenum	97-1	1.13	1.08	1.08	1.10	2.41	ppb
Molybdenum	98-1	1.04	1.03	1.11	1.06	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.67	52.24	51.85	52.58	1.83	ppb
Phosphorus	31-2	21554.86	21105.69	21182.31	21280.95	1.13	ppb
Potassium	39-2	10797.26	10665.13	10211.92	10558.10	2.91	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.38	1.41	0.59	0.79	68.47	ppb
Selenium	77-2	13.32	13.36	12.93	13.20	1.77	ppb
Selenium	78-2	4.22	2.20	3.42	3.28	31.01	ppb
Silicon	28-1	451.62	453.48	464.85	456.65	1.57	ppb
Silver	107-1	0.27	0.25	0.29	0.27	8.37	ppb
Silver	109-1	0.27	0.24	0.25	0.25	5.80	ppb
Sodium	23-2	232.70	234.58	228.79	232.03	1.27	ppb
Strontium	86-1	89.37	88.60	90.36	89.44	0.99	ppb
Strontium	88-1	87.83	87.96	89.16	88.32	0.83	ppb
Sulfur	34-1	-1210.82	-1106.89	-1026.82	-1114.84		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.35	0.36	0.39	0.37	6.10	ppb
Thallium	205-1	0.36	0.37	0.37	0.37	1.92	ppb
Tin	118-1	0.33	0.33	0.32	0.33	0.95	ppb
Titanium	47-1	1669.33	1694.82	1720.75	1694.97	1.52	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-16	Instrumnet Name :	P7
Client Sample ID :	MYD519	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:38:53	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.24	1.29	1.26	2.00	ppb
Vanadium	51-2	145.38	144.35	140.43	143.39	1.82	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	270.79	273.69	263.66	269.38	1.92	ppb
Zirconium	90-1	12.78	13.00	13.10	12.96	1.24	ppb
Zirconium	91-1	12.91	12.84	13.11	12.95	1.05	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-17	Instrumnet Name :	P7
Client Sample ID :	MYD520	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:42:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32366.30	32389.36	32178.31	32311.32	0.36	ppb
Antimony	121-1	1.75	1.74	1.74	1.74	0.21	ppb
Arsenic	75-2	99.05	101.89	101.09	100.68	1.46	ppb
Barium	135-1	271.02	279.77	280.80	277.20	1.94	ppb
Barium	137-1	279.00	276.08	276.69	277.26	0.56	ppb
Beryllium	9-1	1.40	1.43	1.44	1.42	1.30	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.34	2.76	2.50	2.53	8.50	ppb
Cadmium	106-1	2.82	3.06	4.52	3.47	26.57	ppb
Cadmium	111-1	1.76	1.71	1.89	1.79	5.09	ppb
Calcium	43-1	15797.65	15819.03	15783.09	15799.92	0.11	ppb
Calcium	44-1	14880.85	15068.68	15011.26	14986.93	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.86	41.40	41.38	41.55	0.66	ppb
Cobalt	59-2	37.92	37.97	37.86	37.92	0.14	ppb
Copper	63-2	145.93	145.01	143.92	144.95	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				95		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	95434.65	94214.50	95184.26	94944.47	0.68	ppb
Iron	57-2	94541.43	92198.53	93497.97	93412.64	1.26	ppb
Iron	54-2	95149.45	95352.70	95016.41	95172.85	0.18	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-17	Instrumnet Name :	P7
Client Sample ID :	MYD520	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:42:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.93	90.85	88.16	89.32	1.55	ppb
Lead	207-1	94.63	90.75	89.07	91.48	3.11	ppb
Lead	208-1	90.79	89.47	87.64	89.30	1.78	ppb
Lithium	6-1				89		%
Magnesium	24-2	14267.54	13860.30	14211.30	14113.05	1.56	ppb
Manganese	55-2	1776.49	1768.27	1782.31	1775.69	0.40	ppb
Molybdenum	94-1	19.24	18.47	18.73	18.81	2.08	ppb
Molybdenum	95-1	1.45	1.57	1.43	1.48	4.75	ppb
Molybdenum	96-1	4.06	4.04	4.00	4.03	0.65	ppb
Molybdenum	97-1	1.50	1.44	1.51	1.48	2.62	ppb
Molybdenum	98-1	1.46	1.50	1.43	1.46	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.59	38.16	38.75	38.83	1.85	ppb
Phosphorus	31-2	26275.58	26202.00	27243.83	26573.81	2.19	ppb
Potassium	39-2	7571.60	7422.22	7345.13	7446.32	1.55	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	0.44	0.43	0.76	0.54	34.69	ppb
Selenium	77-2	12.31	15.91	15.44	14.56	13.44	ppb
Selenium	78-2	5.29	1.83	4.11	3.74	47.03	ppb
Silicon	28-1	408.33	401.16	401.58	403.69	1.00	ppb
Silver	107-1	0.57	0.58	0.57	0.57	1.05	ppb
Silver	109-1	0.56	0.55	0.55	0.55	0.61	ppb
Sodium	23-2	204.65	203.61	203.90	204.05	0.26	ppb
Strontium	86-1	68.00	66.50	64.86	66.45	2.36	ppb
Strontium	88-1	66.87	66.09	64.64	65.87	1.72	ppb
Sulfur	34-1	-702.07	-768.92	-643.24	-704.74		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.26	0.25	0.21	0.24	9.86	ppb
Thallium	205-1	0.25	0.22	0.22	0.23	7.52	ppb
Tin	118-1	0.26	0.27	0.27	0.27	1.28	ppb
Titanium	47-1	1461.14	1445.75	1438.57	1448.48	0.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-17	Instrumnet Name :	P7
Client Sample ID :	MYD520	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:42:10	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.86	0.83	0.86	3.62	ppb
Vanadium	51-2	144.40	144.17	144.01	144.19	0.14	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	419.63	418.94	417.43	418.67	0.27	ppb
Zirconium	90-1	8.70	9.03	8.73	8.82	2.07	ppb
Zirconium	91-1	8.98	8.73	8.66	8.79	1.90	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-18	Instrumnet Name :	P7
Client Sample ID :	MYD521	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:45:24	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48117.47	49166.48	47514.80	48266.25	1.73	ppb
Antimony	121-1	1.24	1.25	1.27	1.25	1.24	ppb
Arsenic	75-2	96.11	103.93	98.67	99.57	4.01	ppb
Barium	135-1	392.41	387.97	404.41	394.93	2.15	ppb
Barium	137-1	398.40	403.40	403.40	401.73	0.72	ppb
Beryllium	9-1	1.96	1.97	1.91	1.94	1.70	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.28	2.17	2.21	2.71	ppb
Cadmium	106-1	3.85	3.53	2.02	3.14	31.17	ppb
Cadmium	111-1	1.13	1.08	1.06	1.09	3.19	ppb
Calcium	43-1	16612.88	16667.06	16680.96	16653.63	0.22	ppb
Calcium	44-1	15734.90	15742.43	15887.74	15788.36	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.05	49.04	48.67	48.92	0.44	ppb
Cobalt	59-2	41.50	42.34	41.41	41.75	1.23	ppb
Copper	63-2	127.45	129.83	127.20	128.16	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				93		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	105863.23	107907.17	105183.78	106318.06	1.33	ppb
Iron	57-2	104078.46	106133.88	103401.43	104537.93	1.36	ppb
Iron	54-2	105131.37	108260.78	105381.86	106258.00	1.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-18	Instrumnet Name :	P7
Client Sample ID :	MYD521	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:45:24	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.73	51.41	51.03	50.72	1.75	ppb
Lead	207-1	50.71	52.15	50.07	50.98	2.09	ppb
Lead	208-1	49.83	51.02	49.94	50.27	1.31	ppb
Lithium	6-1				89		%
Magnesium	24-2	16131.12	16663.37	16122.54	16305.68	1.90	ppb
Manganese	55-2	1701.50	1723.70	1694.81	1706.67	0.89	ppb
Molybdenum	94-1	23.32	24.11	23.85	23.76	1.69	ppb
Molybdenum	95-1	1.18	1.30	1.29	1.26	5.31	ppb
Molybdenum	96-1	4.33	4.53	4.41	4.42	2.33	ppb
Molybdenum	97-1	1.27	1.26	1.17	1.23	4.70	ppb
Molybdenum	98-1	1.20	1.13	1.22	1.18	4.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.06	45.32	43.56	43.98	2.70	ppb
Phosphorus	31-2	21991.22	22287.65	21649.85	21976.24	1.45	ppb
Potassium	39-2	6515.31	6727.64	6488.43	6577.13	1.99	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.46	0.42	0.42	0.43	5.79	ppb
Selenium	77-2	15.03	16.88	16.22	16.04	5.84	ppb
Selenium	78-2	3.75	4.47	3.39	3.87	14.11	ppb
Silicon	28-1	442.24	450.81	447.56	446.87	0.97	ppb
Silver	107-1	0.30	0.28	0.30	0.29	2.60	ppb
Silver	109-1	0.30	0.31	0.31	0.31	0.69	ppb
Sodium	23-2	170.99	174.07	170.94	172.00	1.04	ppb
Strontium	86-1	86.86	86.38	87.60	86.95	0.71	ppb
Strontium	88-1	86.57	86.14	86.22	86.31	0.27	ppb
Sulfur	34-1	-1089.82	-1097.38	-976.79	-1054.66		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.23	0.24	0.21	0.23	6.55	ppb
Thallium	205-1	0.22	0.22	0.21	0.22	1.41	ppb
Tin	118-1	0.27	0.29	0.30	0.29	4.44	ppb
Titanium	47-1	1571.13	1603.48	1582.07	1585.56	1.04	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-18	Instrumnet Name :	P7
Client Sample ID :	MYD521	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:45:24	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.09	1.05	1.07	2.21	ppb
Vanadium	51-2	191.68	196.11	191.09	192.96	1.42	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	267.64	271.31	267.11	268.69	0.85	ppb
Zirconium	90-1	11.11	11.24	11.33	11.23	0.95	ppb
Zirconium	91-1	11.51	11.22	11.36	11.36	1.29	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-19	Instrumnet Name :	P7
Client Sample ID :	MYD522	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:48:41	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39567.04	39714.82	39751.54	39677.80	0.25	ppb
Antimony	121-1	2.03	2.22	2.14	2.13	4.44	ppb
Arsenic	75-2	100.84	103.41	103.91	102.72	1.60	ppb
Barium	135-1	289.25	313.69	295.71	299.55	4.23	ppb
Barium	137-1	289.07	310.82	294.58	298.16	3.79	ppb
Beryllium	9-1	1.35	1.53	1.33	1.40	8.03	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.51	2.37	3.42	3.10	20.38	ppb
Cadmium	106-1	2.92	3.71	1.44	2.69	42.80	ppb
Cadmium	111-1	2.12	2.46	1.85	2.14	14.26	ppb
Calcium	43-1	15142.51	15578.72	15480.57	15400.60	1.49	ppb
Calcium	44-1	14482.72	14834.87	14647.40	14655.00	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.36	43.61	43.98	43.98	0.85	ppb
Cobalt	59-2	38.48	38.61	38.69	38.60	0.28	ppb
Copper	63-2	248.12	249.10	247.83	248.35	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	92092.67	93147.81	91925.49	92388.66	0.72	ppb
Iron	57-2	91352.75	91439.82	91652.24	91481.60	0.17	ppb
Iron	54-2	93100.63	92232.37	93246.67	92859.89	0.59	ppb
Krypton	83-1						cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-19	Instrumnet Name :	P7
Client Sample ID :	MYD522	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:48:41	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	162.98	166.06	161.91	163.65	1.32	ppb
Lead	207-1	164.52	161.66	159.78	161.98	1.47	ppb
Lead	208-1	161.88	162.60	159.66	161.38	0.95	ppb
Lithium	6-1				88		%
Magnesium	24-2	16725.33	16731.00	16508.24	16654.86	0.76	ppb
Manganese	55-2	1795.77	1823.44	1788.02	1802.41	1.03	ppb
Molybdenum	94-1	22.50	22.78	22.70	22.66	0.63	ppb
Molybdenum	95-1	1.35	1.33	1.36	1.35	1.09	ppb
Molybdenum	96-1	4.41	4.40	4.30	4.37	1.39	ppb
Molybdenum	97-1	1.25	1.38	1.31	1.32	4.81	ppb
Molybdenum	98-1	1.28	1.33	1.29	1.30	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.16	40.44	40.66	40.42	0.62	ppb
Phosphorus	31-2	27324.39	27585.97	26621.72	27177.36	1.83	ppb
Potassium	39-2	9069.20	9086.10	8820.79	8992.03	1.65	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	0.95	0.42	0.80	0.72	37.87	ppb
Selenium	77-2	12.67	15.46	8.77	12.30	27.31	ppb
Selenium	78-2	4.58	3.22	3.07	3.62	23.03	ppb
Silicon	28-1	428.36	427.83	423.80	426.66	0.58	ppb
Silver	107-1	0.71	0.80	0.74	0.75	5.95	ppb
Silver	109-1	0.67	0.73	0.69	0.70	4.16	ppb
Sodium	23-2	210.40	210.41	213.26	211.35	0.78	ppb
Strontium	86-1	71.84	71.17	70.16	71.06	1.19	ppb
Strontium	88-1	69.94	71.15	70.02	70.37	0.96	ppb
Sulfur	34-1	-793.69	-716.29	-755.58	-755.18		ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.24	0.28	0.26	0.26	8.28	ppb
Thallium	205-1	0.27	0.26	0.27	0.27	1.32	ppb
Tin	118-1	0.33	0.33	0.33	0.33	1.35	ppb
Titanium	47-1	1810.56	1822.94	1801.45	1811.65	0.60	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-19	Instrumnet Name :	P7
Client Sample ID :	MYD522	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:48:41	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.88	0.88	0.89	1.79	ppb
Vanadium	51-2	149.89	150.40	150.26	150.18	0.17	ppb
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	423.99	429.66	421.63	425.09	0.97	ppb
Zirconium	90-1	10.78	11.13	10.94	10.95	1.60	ppb
Zirconium	91-1	10.80	10.99	10.61	10.80	1.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-20	Instrumnet Name :	P7
Client Sample ID :	MYD523	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:51:54	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43600.15	44880.97	44432.76	44304.63	1.47	ppb
Antimony	121-1	1.77	1.80	1.75	1.77	1.42	ppb
Arsenic	75-2	145.62	143.51	144.29	144.48	0.74	ppb
Barium	135-1	329.88	332.91	328.88	330.56	0.64	ppb
Barium	137-1	330.82	332.58	333.80	332.40	0.45	ppb
Beryllium	9-1	1.54	1.66	1.62	1.61	3.88	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.99	2.86	2.42	2.76	10.71	ppb
Cadmium	106-1	2.23	2.61	2.47	2.44	7.89	ppb
Cadmium	111-1	1.95	1.93	2.03	1.97	2.78	ppb
Calcium	43-1	18111.65	18163.58	18175.47	18150.23	0.19	ppb
Calcium	44-1	17387.63	17198.08	17163.92	17249.88	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.47	51.77	50.85	50.70	2.29	ppb
Cobalt	59-2	42.96	43.19	42.48	42.88	0.85	ppb
Copper	63-2	163.65	167.37	164.87	165.30	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				96		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	106686.96	110926.50	108693.32	108768.93	1.95	ppb
Iron	57-2	106907.17	108526.76	107403.71	107612.55	0.77	ppb
Iron	54-2	107912.37	110178.77	108068.70	108719.94	1.16	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-20	Instrumnet Name :	P7
Client Sample ID :	MYD523	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:51:54	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	128.39	129.52	130.26	129.39	0.72	ppb
Lead	207-1	134.50	131.63	136.68	134.27	1.89	ppb
Lead	208-1	130.20	130.28	132.53	131.01	1.01	ppb
Lithium	6-1				90		%
Magnesium	24-2	18788.68	19346.03	18899.63	19011.45	1.55	ppb
Manganese	55-2	2060.44	2130.95	2083.60	2091.66	1.72	ppb
Molybdenum	94-1	19.79	20.38	20.32	20.16	1.62	ppb
Molybdenum	95-1	1.51	1.57	1.55	1.54	2.10	ppb
Molybdenum	96-1	4.26	4.24	4.35	4.29	1.37	ppb
Molybdenum	97-1	1.53	1.51	1.38	1.48	5.60	ppb
Molybdenum	98-1	1.52	1.48	1.49	1.50	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.01	45.50	44.43	44.65	1.72	ppb
Phosphorus	31-2	34179.34	35498.13	35058.87	34912.11	1.92	ppb
Potassium	39-2	9785.75	9982.64	9856.22	9874.87	1.01	ppb
Rhodium	103-1				87		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	1.70	1.21	0.55	1.16	49.82	ppb
Selenium	77-2	14.50	14.80	10.53	13.28	17.95	ppb
Selenium	78-2	4.77	5.81	6.26	5.61	13.67	ppb
Silicon	28-1	419.46	418.76	420.00	419.41	0.15	ppb
Silver	107-1	0.70	0.70	0.69	0.69	1.17	ppb
Silver	109-1	0.68	0.68	0.68	0.68	0.36	ppb
Sodium	23-2	242.29	246.85	245.49	244.88	0.96	ppb
Strontium	86-1	75.44	73.25	75.78	74.82	1.83	ppb
Strontium	88-1	73.91	73.34	74.99	74.08	1.13	ppb
Sulfur	34-1	-807.33	-859.56	-917.35	-861.41		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.28	0.30	0.28	0.29	2.61	ppb
Thallium	205-1	0.28	0.30	0.27	0.28	5.70	ppb
Tin	118-1	0.34	0.34	0.35	0.34	1.83	ppb
Titanium	47-1	1731.05	1714.21	1719.69	1721.65	0.50	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-20	Instrumnet Name :	P7
Client Sample ID :	MYD523	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:51:54	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.89	0.94	0.92	2.75	ppb
Vanadium	51-2	175.49	180.21	178.46	178.05	1.34	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	552.46	562.18	551.21	555.28	1.08	ppb
Zirconium	90-1	9.50	9.43	9.38	9.44	0.62	ppb
Zirconium	91-1	9.24	9.28	9.62	9.38	2.26	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-21	Instrumnet Name :	P7
Client Sample ID :	MYD524	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:55:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34008.12	34155.86	33696.28	33953.42	0.69	ppb
Antimony	121-1	1.87	1.93	2.00	1.93	3.34	ppb
Arsenic	75-2	125.42	123.67	124.75	124.61	0.71	ppb
Barium	135-1	221.65	227.42	234.34	227.80	2.79	ppb
Barium	137-1	226.29	229.25	233.19	229.58	1.51	ppb
Beryllium	9-1	1.24	1.22	1.22	1.22	0.83	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.43	1.82	3.10	2.45	26.10	ppb
Cadmium	106-1	2.27	3.67	2.95	2.96	23.66	ppb
Cadmium	111-1	1.71	1.80	1.85	1.79	3.84	ppb
Calcium	43-1	13806.27	14156.43	14008.77	13990.49	1.26	ppb
Calcium	44-1	12909.74	13414.35	13336.95	13220.35	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.65	42.13	41.90	41.89	0.58	ppb
Cobalt	59-2	32.48	32.77	32.43	32.56	0.56	ppb
Copper	63-2	166.59	168.65	168.21	167.82	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	90744.69	90662.97	90311.27	90572.98	0.25	ppb
Iron	57-2	88867.45	89276.26	90492.95	89545.56	0.94	ppb
Iron	54-2	90180.80	91007.80	90679.42	90622.67	0.46	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-21	Instrumnet Name :	P7
Client Sample ID :	MYD524	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:55:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	116.79	117.80	112.86	115.82	2.25	ppb
Lead	207-1	120.58	121.94	113.76	118.76	3.69	ppb
Lead	208-1	117.31	118.44	113.91	116.55	2.02	ppb
Lithium	6-1				89		%
Magnesium	24-2	14756.85	15024.58	15028.68	14936.71	1.04	ppb
Manganese	55-2	1547.59	1555.99	1506.78	1536.78	1.71	ppb
Molybdenum	94-1	19.89	20.10	20.53	20.18	1.61	ppb
Molybdenum	95-1	1.15	1.17	1.15	1.16	0.73	ppb
Molybdenum	96-1	3.85	3.93	3.88	3.89	1.03	ppb
Molybdenum	97-1	1.13	1.14	1.18	1.15	2.25	ppb
Molybdenum	98-1	1.16	1.10	1.10	1.12	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.40	35.90	36.13	36.14	0.69	ppb
Phosphorus	31-2	25367.13	25619.15	26161.71	25716.00	1.58	ppb
Potassium	39-2	6586.98	6439.39	6460.79	6495.72	1.23	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	0.52	0.27	1.36	0.72	79.52	ppb
Selenium	77-2	9.29	9.79	9.31	9.46	2.97	ppb
Selenium	78-2	3.07	2.45	3.09	2.87	12.60	ppb
Silicon	28-1	398.05	406.65	399.57	401.42	1.14	ppb
Silver	107-1	0.52	0.56	0.57	0.55	5.44	ppb
Silver	109-1	0.54	0.56	0.59	0.56	4.50	ppb
Sodium	23-2	197.96	197.55	203.07	199.53	1.54	ppb
Strontium	86-1	60.29	58.77	57.74	58.94	2.18	ppb
Strontium	88-1	59.17	58.37	59.17	58.90	0.78	ppb
Sulfur	34-1	-812.47	-696.02	-678.76	-729.08		ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	0.22	0.24	0.19	0.22	11.10	ppb
Thallium	205-1	0.23	0.21	0.21	0.22	5.16	ppb
Tin	118-1	0.28	0.28	0.28	0.28	1.08	ppb
Titanium	47-1	1737.44	1777.79	1746.16	1753.80	1.21	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-21	Instrumnet Name :	P7
Client Sample ID :	MYD524	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:55:11	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.74	0.73	0.73	0.80	ppb
Vanadium	51-2	152.58	154.58	152.99	153.39	0.69	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	436.51	440.58	438.41	438.50	0.46	ppb
Zirconium	90-1	9.72	9.55	9.81	9.70	1.34	ppb
Zirconium	91-1	9.54	9.77	9.34	9.55	2.24	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-22	Instrumnet Name :	P7
Client Sample ID :	MYD525	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:58:24	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34970.45	41204.19	32968.72	36381.12	11.81	ppb
Antimony	121-1	1.82	1.83	1.88	1.84	1.80	ppb
Arsenic	75-2	136.13	160.33	130.29	142.25	11.20	ppb
Barium	135-1	239.28	239.25	240.84	239.79	0.38	ppb
Barium	137-1	237.28	239.92	240.12	239.11	0.66	ppb
Beryllium	9-1	1.22	1.35	1.44	1.33	8.34	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.70	2.36	2.76	2.27	23.55	ppb
Cadmium	106-1	1.62	3.74	2.80	2.72	38.98	ppb
Cadmium	111-1	1.58	1.81	1.78	1.73	7.21	ppb
Calcium	43-1	13887.46	13887.74	14234.90	14003.37	1.43	ppb
Calcium	44-1	13408.10	13156.13	13242.05	13268.76	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.94	48.50	38.57	42.67	12.16	ppb
Cobalt	59-2	35.69	43.08	34.05	37.60	12.79	ppb
Copper	63-2	165.59	196.24	155.04	172.29	12.42	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				94		%
Holmium	165-2				90		%
Indium	115-1				88		%
Indium	115-2				83		%
Iron	56-2	101508.78	121184.77	96182.97	106292.17	12.39	ppb
Iron	57-2	100064.19	120194.95	95191.99	105150.38	12.61	ppb
Iron	54-2	101547.91	120173.48	95101.69	105607.69	12.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-22	Instrumnet Name :	P7
Client Sample ID :	MYD525	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:58:24	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.12	114.18	110.60	112.30	1.60	ppb
Lead	207-1	115.40	119.00	114.05	116.15	2.20	ppb
Lead	208-1	112.19	115.04	112.94	113.39	1.31	ppb
Lithium	6-1				88		%
Magnesium	24-2	15266.19	17937.78	14266.17	15823.38	12.00	ppb
Manganese	55-2	1596.27	1906.45	1481.62	1661.45	13.23	ppb
Molybdenum	94-1	18.91	19.14	19.04	19.03	0.60	ppb
Molybdenum	95-1	1.28	1.35	1.32	1.32	2.66	ppb
Molybdenum	96-1	3.88	3.95	3.87	3.90	1.13	ppb
Molybdenum	97-1	1.17	1.32	1.25	1.25	5.89	ppb
Molybdenum	98-1	1.22	1.21	1.23	1.22	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.64	46.43	36.43	40.50	12.97	ppb
Phosphorus	31-2	25724.70	29372.37	23825.19	26307.42	10.72	ppb
Potassium	39-2	6369.02	7575.54	5998.19	6647.58	12.41	ppb
Rhodium	103-1				86		%
Rhodium	103-2				81		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	0.83	1.69	0.93	1.15	41.07	ppb
Selenium	77-2	7.35	11.67	6.13	8.38	34.75	ppb
Selenium	78-2	2.73	7.65	1.80	4.06	77.45	ppb
Silicon	28-1	406.22	406.72	408.15	407.03	0.25	ppb
Silver	107-1	0.54	0.57	0.59	0.57	4.17	ppb
Silver	109-1	0.54	0.60	0.57	0.57	5.62	ppb
Sodium	23-2	209.82	253.62	198.96	220.80	13.11	ppb
Strontium	86-1	56.48	56.87	55.20	56.19	1.56	ppb
Strontium	88-1	56.03	55.56	55.70	55.76	0.43	ppb
Sulfur	34-1	-866.22	-886.43	-785.36	-846.00		ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.21	0.22	0.20	0.21	4.94	ppb
Thallium	205-1	0.22	0.23	0.21	0.22	3.82	ppb
Tin	118-1	0.29	0.29	0.28	0.29	2.97	ppb
Titanium	47-1	1749.00	1733.85	1751.50	1744.78	0.55	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-22	Instrumnet Name :	P7
Client Sample ID :	MYD525	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:58:24	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.79	0.75	0.77	2.86	ppb
Vanadium	51-2	181.54	215.25	169.25	188.68	12.62	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%
Zinc	66-2	455.11	536.45	427.51	473.02	11.97	ppb
Zirconium	90-1	9.07	9.04	8.85	8.99	1.36	ppb
Zirconium	91-1	9.08	9.05	8.98	9.04	0.53	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:01:41	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49219.89	47839.40	47820.24	48293.18	1.66	ppb
Antimony	121-1	483.58	493.16	508.22	494.99	2.51	ppb
Arsenic	75-2	483.08	483.37	483.06	483.17	0.04	ppb
Barium	135-1	2497.10	2483.60	2539.86	2506.86	1.17	ppb
Barium	137-1	2499.93	2495.61	2537.79	2511.11	0.92	ppb
Beryllium	9-1	506.87	513.75	518.15	512.93	1.11	ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	468.08	479.41	485.89	477.80	1.89	ppb
Cadmium	106-1	477.83	482.42	489.59	483.28	1.23	ppb
Cadmium	111-1	473.84	475.74	489.22	479.60	1.75	ppb
Calcium	43-1	244302.42	254008.85	249749.84	249353.71	1.95	ppb
Calcium	44-1	246688.63	250608.66	250572.08	249289.79	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.63	516.30	516.31	518.41	0.70	ppb
Cobalt	59-2	506.50	500.65	501.26	502.80	0.64	ppb
Copper	63-2	5016.15	4878.91	4916.81	4937.29	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				75		%
Indium	115-2				72		%
Iron	56-2	128600.55	127055.46	126524.34	127393.45	0.85	ppb
Iron	57-2	128650.55	126576.91	127832.68	127686.71	0.82	ppb
Iron	54-2	130769.95	128338.23	126572.21	128560.13	1.64	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:01:41	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2586.54	2665.39	2596.32	2616.08	1.64	ppb
Lead	207-1	2550.29	2644.27	2616.28	2603.61	1.85	ppb
Lead	208-1	2575.23	2647.81	2606.18	2609.74	1.40	ppb
Lithium	6-1				86		%
Magnesium	24-2	243234.71	239624.27	239090.45	240649.81	0.94	ppb
Manganese	55-2	5169.72	5096.07	5049.88	5105.22	1.18	ppb
Molybdenum	94-1	5134.69	5126.55	5139.81	5133.68	0.13	ppb
Molybdenum	95-1	5078.91	5066.10	5125.01	5090.01	0.61	ppb
Molybdenum	96-1	5064.31	5134.26	5167.84	5122.14	1.03	ppb
Molybdenum	97-1	5066.21	5080.30	5176.45	5107.66	1.17	ppb
Molybdenum	98-1	5112.46	5122.39	5203.21	5146.02	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.61	498.69	493.59	498.30	0.91	ppb
Phosphorus	31-2	10284.21	10546.65	9979.90	10270.26	2.76	ppb
Potassium	39-2	122367.19	120834.27	120445.08	121215.51	0.84	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				82		%
Scandium	45-2				83		%
Selenium	82-1	486.71	487.45	490.19	488.12	0.38	ppb
Selenium	77-2	489.28	485.91	450.73	475.31	4.49	ppb
Selenium	78-2	495.24	471.63	472.03	479.63	2.82	ppb
Silicon	28-1	614.27	607.11	605.35	608.91	0.78	ppb
Silver	107-1	477.70	478.34	495.25	483.76	2.06	ppb
Silver	109-1	473.72	478.57	494.76	482.35	2.28	ppb
Sodium	23-2	243021.59	239176.95	239036.45	240411.67	0.94	ppb
Strontium	86-1	12557.08	12616.41	12649.25	12607.58	0.37	ppb
Strontium	88-1	12692.66	12700.04	12811.50	12734.73	0.52	ppb
Sulfur	34-1	9872.49	10239.30	10294.19	10135.33	2.26	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	525.34	530.71	524.86	526.97	0.62	ppb
Thallium	205-1	514.16	533.99	523.38	523.84	1.89	ppb
Tin	118-1	491.81	500.16	501.35	497.77	1.04	ppb
Titanium	47-1	5146.92	5232.97	5092.63	5157.50	1.37	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:01:41	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	531.01	542.62	538.84	537.49	1.10	ppb
Vanadium	51-2	532.34	525.10	520.40	525.95	1.14	ppb
Yttrium	89-1				85		%
Yttrium	89-2				87		%
Zinc	66-2	5001.58	4921.79	4911.19	4944.85	1.00	ppb
Zirconium	90-1	502.61	511.28	511.16	508.35	0.98	ppb
Zirconium	91-1	505.55	509.60	512.91	509.35	0.72	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:04:31	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.75	1.08	2.16	1.66	32.74	ppb
Antimony	121-1	0.21	0.22	0.24	0.22	7.84	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	108.42	ppb
Barium	135-1	0.06	0.02	0.06	0.05	45.27	ppb
Barium	137-1	0.11	0.05	0.04	0.06	59.12	ppb
Beryllium	9-1	0.19	0.12	0.11	0.14	32.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.09	-0.06	0.00	2132.43	ppb
Cadmium	106-1	0.17	-0.72	-0.97	-0.51		ppb
Cadmium	111-1	0.04	-0.02	-0.05	-0.01		ppb
Calcium	43-1	12.09	4.54	4.80	7.14	60.02	ppb
Calcium	44-1	8.19	6.16	5.70	6.68	19.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.02	0.02	38.85	ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	37.43	ppb
Copper	63-2	0.34	0.31	0.30	0.32	7.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	9.65	9.45	9.42	9.51	1.30	ppb
Iron	57-2	7.24	7.30	5.42	6.65	16.01	ppb
Iron	54-2	6.84	7.91	8.51	7.76	10.92	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:04:31	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.13	0.13	0.15	20.47	ppb
Lead	207-1	0.17	0.15	0.10	0.14	24.90	ppb
Lead	208-1	0.17	0.14	0.13	0.15	14.15	ppb
Lithium	6-1				93		%
Magnesium	24-2	4.46	3.93	4.16	4.19	6.36	ppb
Manganese	55-2	0.34	0.30	0.27	0.30	12.13	ppb
Molybdenum	94-1	0.36	0.30	0.30	0.32	10.50	ppb
Molybdenum	95-1	0.35	0.28	0.29	0.30	12.76	ppb
Molybdenum	96-1	0.32	0.26	0.26	0.28	12.23	ppb
Molybdenum	97-1	0.36	0.28	0.22	0.29	23.93	ppb
Molybdenum	98-1	0.36	0.30	0.26	0.31	15.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.03	0.06	0.02	198.30	ppb
Phosphorus	31-2	-172.64	-190.96	-188.07	-183.89		ppb
Potassium	39-2	5.06	1.21	1.68	2.65	79.28	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	-0.51	-0.61	-0.07	-0.40		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.98	-1.15	1.03	0.29	433.24	ppb
Silicon	28-1	0.91	0.66	0.54	0.70	27.20	ppb
Silver	107-1	0.07	0.05	0.04	0.05	23.07	ppb
Silver	109-1	0.07	0.05	0.05	0.06	14.83	ppb
Sodium	23-2	30.46	31.89	30.31	30.89	2.83	ppb
Strontium	86-1	0.38	0.36	0.34	0.36	6.17	ppb
Strontium	88-1	0.45	0.32	0.31	0.36	21.70	ppb
Sulfur	34-1	101.63	25.98	90.54	72.72	56.18	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.07	0.04	0.04	0.05	28.28	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	13.40	ppb
Tin	118-1	0.05	0.05	0.06	0.05	15.01	ppb
Titanium	47-1	0.18	0.17	0.29	0.21	31.32	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:04:31	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	7.84	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	28.46	ppb
Yttrium	89-1				88		%
Yttrium	89-2				92		%
Zinc	66-2	0.38	0.34	0.45	0.39	15.21	ppb
Zirconium	90-1	0.04	0.04	0.03	0.03	12.72	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	11.04	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:07:55	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60045.16	59081.28	60477.12	59867.85	1.19	ppb
Antimony	121-1	2.12	2.23	2.74	2.37	14.00	ppb
Arsenic	75-2	155.83	162.06	156.59	158.16	2.15	ppb
Barium	135-1	693.48	725.99	849.76	756.41	10.90	ppb
Barium	137-1	724.90	780.23	893.13	799.42	10.73	ppb
Beryllium	9-1	2.76	2.85	3.17	2.93	7.44	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.54	6.42	8.15	7.04	13.73	ppb
Cadmium	106-1	7.43	7.85	9.42	8.24	12.73	ppb
Cadmium	111-1	6.22	6.30	7.76	6.76	12.87	ppb
Calcium	43-1	38761.44	39830.26	46184.62	41592.11	9.65	ppb
Calcium	44-1	36412.83	37509.07	43286.06	39069.32	9.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108.19	105.97	107.53	107.23	1.07	ppb
Cobalt	59-2	58.08	57.26	57.67	57.67	0.71	ppb
Copper	63-2	920.66	897.25	915.24	911.05	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				95		%
Holmium	165-2				100		%
Indium	115-1				88		%
Indium	115-2				92		%
Iron	56-2	124412.90	121683.72	123450.20	123182.27	1.12	ppb
Iron	57-2	124295.53	119628.32	121683.51	121869.12	1.92	ppb
Iron	54-2	123249.71	120049.02	123100.73	122133.15	1.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:07:55	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	234.92	237.76	284.15	252.28	10.96	ppb
Lead	207-1	235.65	239.17	281.96	252.26	10.22	ppb
Lead	208-1	246.48	249.66	295.24	263.79	10.34	ppb
Lithium	6-1				93		%
Magnesium	24-2	27120.35	26589.45	26946.61	26885.47	1.01	ppb
Manganese	55-2	4615.16	4542.72	4615.53	4591.14	0.91	ppb
Molybdenum	94-1	24.06	25.12	28.98	26.05	9.95	ppb
Molybdenum	95-1	2.46	2.58	3.12	2.72	12.92	ppb
Molybdenum	96-1	5.71	5.86	6.88	6.15	10.33	ppb
Molybdenum	97-1	2.38	2.59	3.12	2.70	14.11	ppb
Molybdenum	98-1	2.56	2.60	3.02	2.73	9.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	90.97	89.05	89.91	89.98	1.07	ppb
Phosphorus	31-2	38852.04	38915.70	37513.64	38427.13	2.06	ppb
Potassium	39-2	18418.48	17827.60	18205.68	18150.59	1.65	ppb
Rhodium	103-1				85		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	3.82	2.51	2.92	3.08	21.75	ppb
Selenium	77-2	28.22	26.59	27.27	27.36	3.00	ppb
Selenium	78-2	5.19	9.80	6.15	7.05	34.53	ppb
Silicon	28-1	358.91	371.96	430.46	387.11	9.84	ppb
Silver	107-1	2.68	2.85	3.25	2.93	10.05	ppb
Silver	109-1	2.67	2.81	3.21	2.90	9.76	ppb
Sodium	23-2	801.88	783.22	804.55	796.55	1.46	ppb
Strontium	86-1	141.79	144.70	172.80	153.10	11.19	ppb
Strontium	88-1	141.84	146.05	171.03	152.97	10.32	ppb
Sulfur	34-1	26.77	80.71	940.88	349.45	146.77	ppb
Terbium	159-1				94		%
Terbium	159-2				99		%
Thallium	203-1	0.59	0.61	0.74	0.65	12.52	ppb
Thallium	205-1	0.61	0.63	0.74	0.66	10.98	ppb
Tin	118-1	1.11	1.18	1.34	1.21	9.76	ppb
Titanium	47-1	1459.68	1511.12	1749.90	1573.57	9.84	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:07:55	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.54	1.82	1.61	11.39	ppb
Vanadium	51-2	203.85	199.14	202.85	201.94	1.23	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	715.34	701.64	712.03	709.67	1.01	ppb
Zirconium	90-1	11.15	11.30	13.44	11.97	10.72	ppb
Zirconium	91-1	11.01	11.52	13.44	11.99	10.70	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:11:05	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52895.26	53889.89	55212.47	53999.21	2.15	ppb
Antimony	121-1	1.98	2.01	2.08	2.03	2.51	ppb
Arsenic	75-2	139.78	143.16	148.69	143.88	3.13	ppb
Barium	135-1	642.77	644.05	661.83	649.55	1.64	ppb
Barium	137-1	686.20	680.34	695.86	687.47	1.14	ppb
Beryllium	9-1	2.77	2.50	2.49	2.59	6.16	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.85	5.36	6.63	5.95	10.75	ppb
Cadmium	106-1	7.95	6.09	7.97	7.34	14.70	ppb
Cadmium	111-1	5.93	5.76	5.72	5.80	1.91	ppb
Calcium	43-1	36046.76	36841.72	37205.53	36698.00	1.61	ppb
Calcium	44-1	34345.22	34582.88	35294.00	34740.70	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.64	96.84	98.79	97.09	1.64	ppb
Cobalt	59-2	51.29	52.45	53.55	52.43	2.15	ppb
Copper	63-2	793.54	814.91	828.00	812.15	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				99		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	109380.20	111168.29	112372.55	110973.68	1.36	ppb
Iron	57-2	108609.47	110577.76	110429.69	109872.30	1.00	ppb
Iron	54-2	109859.54	111650.15	113238.74	111582.81	1.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:11:05	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	211.48	217.20	219.02	215.90	1.82	ppb
Lead	207-1	213.35	215.68	218.88	215.97	1.29	ppb
Lead	208-1	221.91	226.30	229.61	225.94	1.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	23675.99	24138.54	24556.47	24123.67	1.83	ppb
Manganese	55-2	4134.50	4152.41	4263.87	4183.59	1.68	ppb
Molybdenum	94-1	22.98	23.46	23.11	23.18	1.07	ppb
Molybdenum	95-1	2.40	2.42	2.45	2.42	0.98	ppb
Molybdenum	96-1	5.50	5.43	5.43	5.45	0.70	ppb
Molybdenum	97-1	2.39	2.35	2.35	2.36	0.83	ppb
Molybdenum	98-1	2.34	2.49	2.44	2.42	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	79.98	81.18	81.85	81.00	1.17	ppb
Phosphorus	31-2	34170.84	33614.07	34928.30	34237.74	1.93	ppb
Potassium	39-2	16142.12	16538.07	16612.71	16430.97	1.54	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	2.20	2.35	3.11	2.55	19.03	ppb
Selenium	77-2	18.90	17.19	24.77	20.29	19.59	ppb
Selenium	78-2	5.75	5.24	5.85	5.61	5.78	ppb
Silicon	28-1	364.81	371.86	377.69	371.45	1.74	ppb
Silver	107-1	2.53	2.44	2.52	2.50	2.10	ppb
Silver	109-1	2.48	2.37	2.42	2.43	2.36	ppb
Sodium	23-2	707.99	718.79	726.64	717.81	1.30	ppb
Strontium	86-1	132.44	135.31	134.10	133.95	1.07	ppb
Strontium	88-1	133.95	135.45	135.87	135.09	0.75	ppb
Sulfur	34-1	-351.47	-303.00	-214.95	-289.81		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.55	0.57	0.57	0.56	2.63	ppb
Thallium	205-1	0.54	0.57	0.55	0.55	2.77	ppb
Tin	118-1	1.07	1.08	1.11	1.08	1.86	ppb
Titanium	47-1	1409.92	1443.53	1452.58	1435.35	1.57	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:11:05	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.37	1.40	1.45	1.40	2.85	ppb
Vanadium	51-2	179.78	182.46	184.62	182.29	1.33	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	625.87	640.22	643.16	636.42	1.45	ppb
Zirconium	90-1	10.41	10.83	10.69	10.64	1.99	ppb
Zirconium	91-1	10.28	10.81	10.46	10.52	2.56	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 21:14:19	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14525.02	11544.51	11885.78	12651.77	12.89	ppb
Antimony	121-1	0.38	0.43	0.43	0.41	6.86	ppb
Arsenic	75-2	37.30	31.48	30.98	33.25	10.57	ppb
Barium	135-1	133.59	127.80	132.58	131.32	2.36	ppb
Barium	137-1	132.71	130.63	133.56	132.30	1.14	ppb
Beryllium	9-1	0.61	0.51	0.47	0.53	12.98	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.92	1.20	1.16	1.43	29.80	ppb
Cadmium	106-1	-0.37	0.91	0.50	0.35	187.58	ppb
Cadmium	111-1	1.00	1.15	1.16	1.10	8.14	ppb
Calcium	43-1	7868.66	7903.72	8028.09	7933.49	1.06	ppb
Calcium	44-1	7248.25	7362.18	7424.98	7345.13	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.59	20.26	21.36	22.40	12.55	ppb
Cobalt	59-2	14.12	10.90	11.61	12.21	13.88	ppb
Copper	63-2	218.67	174.68	183.30	192.21	12.13	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				97		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	56-2	29518.51	23173.31	24524.66	25738.83	12.99	ppb
Iron	57-2	30640.44	24308.02	25702.54	26883.67	12.38	ppb
Iron	54-2	30357.15	23315.03	24916.02	26196.06	14.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 21:14:19	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.19	44.51	43.83	44.17	0.77	ppb
Lead	207-1	43.33	45.09	43.68	44.03	2.12	ppb
Lead	208-1	43.05	44.07	44.15	43.76	1.40	ppb
Lithium	6-1				94		%
Magnesium	24-2	6561.98	5232.15	5496.05	5763.39	12.22	ppb
Manganese	55-2	1126.05	901.31	951.36	992.91	11.88	ppb
Molybdenum	94-1	4.84	4.96	4.75	4.85	2.17	ppb
Molybdenum	95-1	0.53	0.58	0.53	0.55	5.61	ppb
Molybdenum	96-1	1.13	1.22	1.24	1.20	5.26	ppb
Molybdenum	97-1	0.49	0.57	0.47	0.51	10.34	ppb
Molybdenum	98-1	0.53	0.51	0.53	0.52	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.80	17.65	18.46	19.30	11.40	ppb
Phosphorus	31-2	8979.01	6817.11	7323.20	7706.44	14.67	ppb
Potassium	39-2	4627.98	3675.16	3869.86	4057.67	12.41	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				87		%
Selenium	82-1	0.69	0.50	1.09	0.76	39.97	ppb
Selenium	77-2	5.54	2.43	3.62	3.86	40.63	ppb
Selenium	78-2	1.89	1.24	0.65	1.26	48.97	ppb
Silicon	28-1	73.65	73.79	73.60	73.68	0.13	ppb
Silver	107-1	0.51	0.49	0.49	0.50	1.99	ppb
Silver	109-1	0.50	0.55	0.54	0.53	4.90	ppb
Sodium	23-2	207.78	159.63	168.87	178.76	14.29	ppb
Strontium	86-1	29.37	30.70	29.05	29.71	2.93	ppb
Strontium	88-1	29.27	29.93	29.76	29.65	1.16	ppb
Sulfur	34-1	-810.46	-869.97	-777.68	-819.37		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.10	0.10	0.09	0.10	4.79	ppb
Thallium	205-1	0.10	0.11	0.10	0.10	3.18	ppb
Tin	118-1	0.21	0.21	0.20	0.21	0.44	ppb
Titanium	47-1	298.08	299.35	296.32	297.92	0.51	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 21:14:19	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.28	0.28	0.28	0.28	1.53	ppb
Vanadium	51-2	47.07	37.87	39.70	41.54	11.72	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	174.06	134.64	145.56	151.42	13.44	ppb
Zirconium	90-1	2.18	2.24	2.22	2.21	1.48	ppb
Zirconium	91-1	2.18	2.32	2.07	2.19	5.76	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:17:37	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64426.75	74966.60	59337.37	66243.58	12.03	ppb
Antimony	121-1	59.55	59.36	59.41	59.44	0.16	ppb
Arsenic	75-2	180.06	217.03	168.21	188.44	13.51	ppb
Barium	135-1	1967.30	1952.80	1965.10	1961.73	0.40	ppb
Barium	137-1	1950.63	1980.30	1969.65	1966.86	0.76	ppb
Beryllium	9-1	29.23	30.09	30.61	29.97	2.32	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.60	32.70	33.27	32.86	1.10	ppb
Cadmium	106-1	32.13	32.31	31.96	32.13	0.54	ppb
Cadmium	111-1	35.18	35.58	35.93	35.56	1.06	ppb
Calcium	43-1	40664.52	40571.68	41104.43	40780.21	0.70	ppb
Calcium	44-1	38547.62	38319.32	38232.84	38366.59	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223.84	267.41	208.09	233.11	13.18	ppb
Cobalt	59-2	344.55	404.48	320.50	356.51	12.13	ppb
Copper	63-2	1079.44	1278.89	998.44	1118.92	12.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	129089.70	152132.77	119971.50	133731.32	12.39	ppb
Iron	57-2	128307.08	148813.71	118800.23	131973.67	11.62	ppb
Iron	54-2	129530.54	151982.85	120345.78	133953.06	12.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:17:37	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	253.94	252.04	258.08	254.68	1.21	ppb
Lead	207-1	252.10	251.12	257.25	253.49	1.30	ppb
Lead	208-1	267.31	268.91	270.24	268.82	0.55	ppb
Lithium	6-1				94		%
Magnesium	24-2	28095.76	32635.62	26165.73	28965.70	11.47	ppb
Manganese	55-2	5123.84	6024.77	4757.81	5302.14	12.30	ppb
Molybdenum	94-1	25.07	25.43	25.62	25.37	1.11	ppb
Molybdenum	95-1	2.48	2.62	2.70	2.60	4.22	ppb
Molybdenum	96-1	5.79	6.06	5.87	5.91	2.33	ppb
Molybdenum	97-1	2.56	2.57	2.64	2.59	1.68	ppb
Molybdenum	98-1	2.60	2.67	2.63	2.63	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	375.20	445.63	353.04	391.29	12.36	ppb
Phosphorus	31-2	39359.35	47582.44	37227.75	41389.85	13.21	ppb
Potassium	39-2	19060.91	22220.69	17869.69	19717.09	11.40	ppb
Rhodium	103-1				88		%
Rhodium	103-2				83		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	58.09	58.44	59.44	58.66	1.20	ppb
Selenium	77-2	68.59	95.60	72.56	78.92	18.48	ppb
Selenium	78-2	59.46	74.70	52.32	62.16	18.39	ppb
Silicon	28-1	388.35	385.35	385.92	386.54	0.41	ppb
Silver	107-1	31.33	31.24	31.30	31.29	0.16	ppb
Silver	109-1	30.94	30.82	30.99	30.92	0.29	ppb
Sodium	23-2	807.84	960.84	761.84	843.51	12.35	ppb
Strontium	86-1	146.99	149.23	149.66	148.62	0.96	ppb
Strontium	88-1	148.08	148.85	151.37	149.43	1.15	ppb
Sulfur	34-1	-206.41	-170.79	-264.74	-213.98		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	27.23	26.89	27.20	27.11	0.69	ppb
Thallium	205-1	26.74	26.62	27.09	26.82	0.92	ppb
Tin	118-1	1.18	1.16	1.19	1.18	1.15	ppb
Titanium	47-1	1558.52	1551.30	1565.18	1558.33	0.45	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:17:37	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.55	1.54	1.58	1.56	1.54	ppb
Vanadium	51-2	490.66	583.96	458.95	511.19	12.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	1033.52	1206.74	948.80	1063.02	12.37	ppb
Zirconium	90-1	11.37	11.57	11.73	11.56	1.57	ppb
Zirconium	91-1	11.31	11.60	11.70	11.54	1.73	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:20:49	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64602.16	65596.32	65748.37	65315.61	0.95	ppb
Antimony	121-1	267.01	274.55	273.89	271.82	1.54	ppb
Arsenic	75-2	253.26	258.04	261.93	257.74	1.69	ppb
Barium	135-1	6124.51	6276.96	6240.85	6214.10	1.28	ppb
Barium	137-1	6229.24	6316.87	6359.68	6301.93	1.06	ppb
Beryllium	9-1	128.47	133.03	132.34	131.28	1.87	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	125.38	131.88	130.50	129.26	2.65	ppb
Cadmium	106-1	124.60	126.33	127.53	126.15	1.17	ppb
Cadmium	111-1	142.65	146.14	147.41	145.40	1.70	ppb
Calcium	43-1	39035.25	39465.83	39790.94	39430.67	0.96	ppb
Calcium	44-1	36820.32	37710.07	37752.17	37427.52	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	643.96	654.36	654.97	651.10	0.95	ppb
Cobalt	59-2	1387.18	1414.43	1425.74	1409.12	1.41	ppb
Copper	63-2	1551.61	1578.31	1571.38	1567.10	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				95		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	123106.82	125245.41	125528.86	124627.03	1.06	ppb
Iron	57-2	122573.26	122953.02	125251.54	123592.61	1.17	ppb
Iron	54-2	125081.64	127566.22	127501.99	126716.62	1.12	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:20:49	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	278.20	285.33	290.05	284.53	2.10	ppb
Lead	207-1	278.94	286.44	286.37	283.92	1.52	ppb
Lead	208-1	294.09	301.20	303.99	299.76	1.70	ppb
Lithium	6-1				91		%
Magnesium	24-2	26416.93	27131.29	27221.55	26923.26	1.64	ppb
Manganese	55-2	5879.28	5963.73	6060.24	5967.75	1.52	ppb
Molybdenum	94-1	23.85	25.01	25.10	24.65	2.82	ppb
Molybdenum	95-1	2.52	2.55	2.66	2.58	2.84	ppb
Molybdenum	96-1	5.51	5.80	5.81	5.71	2.98	ppb
Molybdenum	97-1	2.44	2.52	2.59	2.51	3.06	ppb
Molybdenum	98-1	2.50	2.59	2.61	2.57	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1420.63	1437.74	1452.92	1437.10	1.12	ppb
Phosphorus	31-2	37319.20	37507.03	40000.87	38275.70	3.91	ppb
Potassium	39-2	17987.91	18221.36	18520.21	18243.16	1.46	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	285.22	291.22	294.59	290.34	1.64	ppb
Selenium	77-2	319.51	319.93	311.08	316.84	1.58	ppb
Selenium	78-2	305.22	299.89	302.80	302.64	0.88	ppb
Silicon	28-1	371.38	379.59	380.95	377.31	1.37	ppb
Silver	107-1	118.03	121.52	147.87	129.14	12.63	ppb
Silver	109-1	117.83	119.96	117.76	118.51	1.05	ppb
Sodium	23-2	771.84	788.56	788.09	782.83	1.22	ppb
Strontium	86-1	140.80	143.96	146.82	143.86	2.10	ppb
Strontium	88-1	141.86	147.37	147.78	145.67	2.27	ppb
Sulfur	34-1	-219.46	-145.53	-198.58	-187.86		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	125.09	128.11	129.26	127.48	1.69	ppb
Thallium	205-1	134.64	140.99	143.02	139.55	3.13	ppb
Tin	118-1	1.09	1.15	1.11	1.11	2.68	ppb
Titanium	47-1	1491.42	1515.50	1531.76	1512.89	1.34	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:20:49	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.48	1.51	1.55	1.51	2.15	ppb
Vanadium	51-2	1482.21	1519.24	1539.64	1513.70	1.92	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2049.09	2090.79	2095.47	2078.45	1.23	ppb
Zirconium	90-1	10.82	11.27	11.34	11.15	2.52	ppb
Zirconium	91-1	10.88	11.15	11.47	11.17	2.67	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:23:52	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15807.55	16045.14	16004.91	15952.53	0.80	ppb
Antimony	121-1	0.62	0.76	0.67	0.68	10.74	ppb
Arsenic	75-2	41.15	41.62	40.93	41.23	0.86	ppb
Barium	135-1	174.67	188.79	171.07	178.18	5.26	ppb
Barium	137-1	174.00	189.24	170.84	178.03	5.53	ppb
Beryllium	9-1	0.68	0.85	0.67	0.73	13.95	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.60	1.74	1.32	1.55	13.55	ppb
Cadmium	106-1	0.93	2.29	1.30	1.51	46.64	ppb
Cadmium	111-1	1.53	1.77	1.49	1.59	9.54	ppb
Calcium	43-1	10265.95	11221.93	10279.36	10589.08	5.18	ppb
Calcium	44-1	9724.60	10639.69	9773.68	10045.99	5.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.84	28.13	28.33	28.10	0.87	ppb
Cobalt	59-2	15.37	15.62	15.08	15.36	1.75	ppb
Copper	63-2	238.67	243.01	241.19	240.96	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	32182.42	32776.50	32351.85	32436.92	0.94	ppb
Iron	57-2	33407.46	33998.14	33795.52	33733.71	0.89	ppb
Iron	54-2	32433.59	32869.28	33583.47	32962.11	1.76	ppb
Krypton	83-1						cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:23:52	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.63	64.35	56.00	58.66	8.40	ppb
Lead	207-1	55.85	64.97	55.09	58.64	9.38	ppb
Lead	208-1	55.57	63.96	55.17	58.23	8.52	ppb
Lithium	6-1				86		%
Magnesium	24-2	7213.19	7299.35	7277.92	7263.49	0.62	ppb
Manganese	55-2	1223.37	1259.40	1242.21	1241.66	1.45	ppb
Molybdenum	94-1	6.37	6.96	6.17	6.50	6.37	ppb
Molybdenum	95-1	0.67	0.71	0.64	0.67	5.60	ppb
Molybdenum	96-1	1.44	1.69	1.52	1.55	8.34	ppb
Molybdenum	97-1	0.67	0.77	0.63	0.69	10.24	ppb
Molybdenum	98-1	0.65	0.79	0.64	0.69	12.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.14	23.54	23.82	23.50	1.45	ppb
Phosphorus	31-2	10156.14	10096.28	9643.33	9965.25	2.81	ppb
Potassium	39-2	5063.62	5139.65	5102.43	5101.90	0.75	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				83		%
Scandium	45-2				85		%
Selenium	82-1	0.20	0.41	0.50	0.37	41.63	ppb
Selenium	77-2	8.06	4.82	5.37	6.09	28.52	ppb
Selenium	78-2	2.42	1.61	3.20	2.41	33.14	ppb
Silicon	28-1	94.67	105.08	95.94	98.56	5.76	ppb
Silver	107-1	0.73	0.74	0.67	0.71	5.64	ppb
Silver	109-1	0.74	0.79	0.65	0.73	9.42	ppb
Sodium	23-2	213.80	218.43	215.77	216.00	1.08	ppb
Strontium	86-1	38.77	43.68	37.28	39.91	8.39	ppb
Strontium	88-1	38.40	42.31	37.12	39.28	6.88	ppb
Sulfur	34-1	-383.11	-41.54	-440.09	-288.25		ppb
Terbium	159-1				90		%
Terbium	159-2				92		%
Thallium	203-1	0.16	0.17	0.14	0.16	9.46	ppb
Thallium	205-1	0.14	0.18	0.14	0.15	13.64	ppb
Tin	118-1	0.28	0.30	0.26	0.28	7.57	ppb
Titanium	47-1	382.96	423.66	384.54	397.05	5.81	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:23:52	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.39	0.34	0.36	6.79	ppb
Vanadium	51-2	51.71	52.65	52.41	52.26	0.93	ppb
Yttrium	89-1				87		%
Yttrium	89-2				90		%
Zinc	66-2	188.63	191.81	190.35	190.26	0.84	ppb
Zirconium	90-1	2.86	3.25	2.80	2.97	8.08	ppb
Zirconium	91-1	2.95	3.23	2.70	2.96	8.88	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:27:11	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14298.61	14626.74	14587.16	14504.17	1.23	ppb
Antimony	121-1	0.55	0.47	0.54	0.52	7.60	ppb
Arsenic	75-2	36.45	37.21	37.34	37.00	1.30	ppb
Barium	135-1	157.47	154.90	156.44	156.27	0.83	ppb
Barium	137-1	158.33	158.17	162.00	159.50	1.36	ppb
Beryllium	9-1	0.58	0.56	0.67	0.60	9.72	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.18	1.42	1.33	10.05	ppb
Cadmium	106-1	1.39	-0.03	0.62	0.66	106.86	ppb
Cadmium	111-1	1.38	1.29	1.22	1.30	6.12	ppb
Calcium	43-1	9216.61	9580.17	9684.77	9493.85	2.59	ppb
Calcium	44-1	8830.29	9040.91	9114.00	8995.07	1.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.32	26.14	25.86	25.77	1.62	ppb
Cobalt	59-2	13.69	14.22	14.23	14.05	2.20	ppb
Copper	63-2	220.75	220.85	219.84	220.48	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	29498.25	29494.54	29863.75	29618.85	0.72	ppb
Iron	57-2	30684.38	30809.21	30942.49	30812.03	0.42	ppb
Iron	54-2	29620.97	30133.32	29812.38	29855.56	0.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:27:11	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	52.73	52.23	52.18	52.38	0.57	ppb
Lead	207-1	53.11	53.75	53.21	53.36	0.64	ppb
Lead	208-1	52.30	52.34	52.65	52.43	0.37	ppb
Lithium	6-1				88		%
Magnesium	24-2	6630.67	6651.64	6634.59	6638.97	0.17	ppb
Manganese	55-2	1132.11	1143.65	1134.94	1136.90	0.53	ppb
Molybdenum	94-1	5.72	5.88	6.03	5.88	2.63	ppb
Molybdenum	95-1	0.65	0.62	0.68	0.65	5.11	ppb
Molybdenum	96-1	1.35	1.53	1.43	1.44	6.07	ppb
Molybdenum	97-1	0.66	0.59	0.66	0.64	5.95	ppb
Molybdenum	98-1	0.65	0.68	0.63	0.65	3.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.02	21.71	21.01	21.58	2.39	ppb
Phosphorus	31-2	9030.87	9125.28	8998.00	9051.38	0.73	ppb
Potassium	39-2	4655.26	4638.46	4660.15	4651.29	0.24	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	1.00	0.39	1.08	0.82	46.07	ppb
Selenium	77-2	5.33	5.89	3.20	4.81	29.52	ppb
Selenium	78-2	0.64	2.86	2.37	1.96	59.75	ppb
Silicon	28-1	96.31	98.13	97.93	97.46	1.02	ppb
Silver	107-1	0.56	0.59	0.58	0.58	2.43	ppb
Silver	109-1	0.58	0.63	0.62	0.61	4.12	ppb
Sodium	23-2	192.90	193.79	191.98	192.89	0.47	ppb
Strontium	86-1	35.63	36.24	35.69	35.86	0.94	ppb
Strontium	88-1	35.02	35.91	35.92	35.62	1.46	ppb
Sulfur	34-1	-631.26	-565.52	-501.52	-566.10		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.13	0.14	0.13	0.13	7.36	ppb
Thallium	205-1	0.13	0.13	0.12	0.13	3.27	ppb
Tin	118-1	0.27	0.26	0.26	0.26	1.78	ppb
Titanium	47-1	368.46	369.63	373.76	370.62	0.75	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:27:11	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.34	0.34	0.33	0.34	0.93	ppb
Vanadium	51-2	48.26	47.99	48.76	48.34	0.81	ppb
Yttrium	89-1				87		%
Yttrium	89-2				91		%
Zinc	66-2	172.47	172.07	170.43	171.66	0.63	ppb
Zirconium	90-1	2.71	2.71	2.75	2.73	0.78	ppb
Zirconium	91-1	2.69	2.68	2.75	2.71	1.49	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 21:30:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3080.04	3125.17	3140.19	3115.13	1.01	ppb
Antimony	121-1	0.11	0.14	0.13	0.13	11.71	ppb
Arsenic	75-2	8.64	8.44	8.46	8.51	1.31	ppb
Barium	135-1	32.65	36.71	30.36	33.24	9.67	ppb
Barium	137-1	33.05	36.23	30.90	33.39	8.03	ppb
Beryllium	9-1	0.12	0.14	0.12	0.13	9.98	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.66	0.34	0.39	63.19	ppb
Cadmium	106-1	-1.84	-0.62	-0.89	-1.12		ppb
Cadmium	111-1	0.09	0.25	0.15	0.16	48.58	ppb
Calcium	43-1	1942.17	2168.80	1830.23	1980.40	8.71	ppb
Calcium	44-1	1989.74	2169.22	1875.17	2011.37	7.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.31	5.30	5.20	5.27	1.18	ppb
Cobalt	59-2	2.86	3.01	3.12	3.00	4.40	ppb
Copper	63-2	46.32	47.02	46.70	46.68	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				90		%
Holmium	165-2				90		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	6185.50	6285.66	6215.37	6228.85	0.83	ppb
Iron	57-2	6470.50	6564.27	6482.45	6505.74	0.78	ppb
Iron	54-2	6610.91	6687.14	6624.45	6640.83	0.61	ppb
Krypton	83-1						cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 21:30:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.79	11.93	10.33	11.02	7.49	ppb
Lead	207-1	10.95	11.94	10.47	11.12	6.75	ppb
Lead	208-1	10.84	11.83	10.23	10.97	7.38	ppb
Lithium	6-1				87		%
Magnesium	24-2	1393.90	1407.45	1396.55	1399.30	0.51	ppb
Manganese	55-2	240.05	242.15	241.49	241.23	0.44	ppb
Molybdenum	94-1	1.22	1.31	1.11	1.21	8.19	ppb
Molybdenum	95-1	0.16	0.13	0.13	0.14	10.84	ppb
Molybdenum	96-1	0.28	0.32	0.32	0.31	6.95	ppb
Molybdenum	97-1	0.15	0.18	0.10	0.15	27.46	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.13	5.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.69	4.57	4.49	4.58	2.19	ppb
Phosphorus	31-2	1770.84	1783.36	1761.87	1772.02	0.61	ppb
Potassium	39-2	970.94	980.30	971.02	974.09	0.55	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	-0.08	-0.29	0.11	-0.09		ppb
Selenium	77-2	0.55	2.78	1.66	1.66	66.94	ppb
Selenium	78-2	-0.17	-1.29	0.65	-0.27		ppb
Silicon	28-1	18.41	20.37	17.27	18.68	8.38	ppb
Silver	107-1	0.13	0.16	0.12	0.14	15.20	ppb
Silver	109-1	0.11	0.15	0.10	0.12	17.98	ppb
Sodium	23-2	45.06	44.75	46.13	45.31	1.60	ppb
Strontium	86-1	7.37	8.19	7.14	7.57	7.35	ppb
Strontium	88-1	7.44	8.05	6.92	7.47	7.53	ppb
Sulfur	34-1	-698.21	-312.81	-1017.18	-676.07		ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.03	0.02	0.02	7.82	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.04	ppb
Tin	118-1	0.06	0.05	0.05	0.05	9.52	ppb
Titanium	47-1	75.38	82.70	70.33	76.13	8.17	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 21:30:30	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.07	0.06	0.07	10.24	ppb
Vanadium	51-2	10.22	10.11	10.18	10.17	0.57	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%
Zinc	66-2	36.03	37.36	37.95	37.11	2.65	ppb
Zirconium	90-1	0.54	0.59	0.50	0.54	8.41	ppb
Zirconium	91-1	0.56	0.56	0.47	0.53	9.85	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:33:54	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14640.08	16269.27	16669.69	15859.68	6.78	ppb
Antimony	121-1	14.64	15.04	14.32	14.67	2.46	ppb
Arsenic	75-2	46.33	46.05	48.11	46.83	2.39	ppb
Barium	135-1	452.87	462.40	447.13	454.13	1.70	ppb
Barium	137-1	461.07	466.58	454.01	460.55	1.37	ppb
Beryllium	9-1	7.79	7.33	7.34	7.49	3.50	ppb
Bismuth	209-1				91		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.80	8.14	8.26	8.07	2.91	ppb
Cadmium	106-1	9.10	9.22	7.99	8.77	7.76	ppb
Cadmium	111-1	8.68	9.14	8.77	8.87	2.72	ppb
Calcium	43-1	10923.79	10824.96	10735.49	10828.08	0.87	ppb
Calcium	44-1	10535.96	10396.10	10161.19	10364.42	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.43	57.91	58.66	56.00	7.10	ppb
Cobalt	59-2	79.13	88.29	90.50	85.97	7.01	ppb
Copper	63-2	249.63	281.71	284.08	271.81	7.08	ppb
Dysprosium	156-1						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				99		%
Indium	115-1				86		%
Indium	115-2				92		%
Iron	56-2	29486.12	33159.93	33541.72	32062.59	6.98	ppb
Iron	57-2	30652.29	34250.08	35224.04	33375.47	7.22	ppb
Iron	54-2	30034.95	32823.35	34419.53	32425.94	6.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:33:54	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.49	63.37	64.81	64.22	1.18	ppb
Lead	207-1	65.39	62.62	65.29	64.43	2.44	ppb
Lead	208-1	63.89	63.11	64.51	63.84	1.10	ppb
Lithium	6-1				88		%
Magnesium	24-2	6373.83	7228.51	7038.95	6880.43	6.52	ppb
Manganese	55-2	1181.44	1312.12	1350.17	1281.25	6.91	ppb
Molybdenum	94-1	6.88	6.92	6.68	6.83	1.85	ppb
Molybdenum	95-1	0.80	0.64	0.71	0.72	10.78	ppb
Molybdenum	96-1	1.61	1.64	1.57	1.61	1.92	ppb
Molybdenum	97-1	0.70	0.73	0.65	0.69	5.97	ppb
Molybdenum	98-1	0.71	0.75	0.73	0.73	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	87.63	99.37	100.86	95.95	7.55	ppb
Phosphorus	31-2	8797.98	10067.01	9822.26	9562.41	7.04	ppb
Potassium	39-2	4607.17	5177.78	5291.11	5025.35	7.29	ppb
Rhodium	103-1				86		%
Rhodium	103-2				90		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	82-1	16.61	17.21	17.59	17.14	2.89	ppb
Selenium	77-2	17.64	22.23	21.01	20.29	11.73	ppb
Selenium	78-2	16.12	16.45	17.86	16.81	5.49	ppb
Silicon	28-1	105.99	103.70	104.00	104.56	1.19	ppb
Silver	107-1	7.81	7.91	7.70	7.81	1.30	ppb
Silver	109-1	7.61	8.01	7.62	7.75	2.93	ppb
Sodium	23-2	181.54	204.00	210.17	198.57	7.59	ppb
Strontium	86-1	41.54	40.45	41.64	41.21	1.59	ppb
Strontium	88-1	40.67	41.13	41.53	41.11	1.05	ppb
Sulfur	34-1	-477.80	-522.43	-700.84	-567.02		ppb
Terbium	159-1				92		%
Terbium	159-2				97		%
Thallium	203-1	6.96	6.67	6.92	6.85	2.30	ppb
Thallium	205-1	6.76	6.78	6.70	6.75	0.57	ppb
Tin	118-1	0.29	0.28	0.29	0.29	1.09	ppb
Titanium	47-1	421.26	412.69	418.14	417.36	1.04	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:33:54	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.39	0.37	0.41	0.39	3.98	ppb
Vanadium	51-2	111.95	126.97	127.84	122.25	7.31	ppb
Yttrium	89-1				88		%
Yttrium	89-2				96		%
Zinc	66-2	234.39	267.85	270.92	257.72	7.86	ppb
Zirconium	90-1	3.14	3.10	3.12	3.12	0.71	ppb
Zirconium	91-1	2.94	2.98	3.22	3.05	4.96	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:37:10	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17375.02	17075.91	17015.87	17155.60	1.12	ppb
Antimony	121-1	68.24	68.45	70.18	68.96	1.54	ppb
Arsenic	75-2	67.79	69.10	67.38	68.09	1.32	ppb
Barium	135-1	1550.60	1551.24	1569.99	1557.27	0.71	ppb
Barium	137-1	1552.94	1572.25	1606.70	1577.30	1.73	ppb
Beryllium	9-1	33.39	33.36	34.14	33.63	1.32	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.90	31.20	33.59	32.23	3.81	ppb
Cadmium	106-1	31.48	30.42	33.11	31.67	4.28	ppb
Cadmium	111-1	36.44	36.84	38.00	37.09	2.19	ppb
Calcium	43-1	10295.46	10470.91	10423.70	10396.69	0.87	ppb
Calcium	44-1	9685.37	9757.79	9988.97	9810.71	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173.56	171.63	171.04	172.08	0.77	ppb
Cobalt	59-2	376.85	375.84	372.86	375.18	0.55	ppb
Copper	63-2	419.43	416.98	414.51	416.97	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	34004.54	33392.02	33311.40	33569.32	1.13	ppb
Iron	57-2	35185.91	34759.53	34588.81	34844.75	0.88	ppb
Iron	54-2	33746.60	33992.31	33334.48	33691.13	0.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:37:10	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	71.19	71.49	71.43	71.37	0.23	ppb
Lead	207-1	70.62	71.05	70.66	70.78	0.34	ppb
Lead	208-1	70.61	70.86	70.70	70.72	0.18	ppb
Lithium	6-1				88		%
Magnesium	24-2	7340.67	7267.59	7027.91	7212.06	2.27	ppb
Manganese	55-2	1616.84	1586.16	1576.64	1593.21	1.32	ppb
Molybdenum	94-1	6.42	6.38	6.44	6.41	0.46	ppb
Molybdenum	95-1	0.70	0.75	0.68	0.71	4.58	ppb
Molybdenum	96-1	1.54	1.48	1.60	1.54	3.77	ppb
Molybdenum	97-1	0.72	0.76	0.73	0.74	3.27	ppb
Molybdenum	98-1	0.71	0.64	0.68	0.68	5.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	390.20	387.52	386.33	388.02	0.51	ppb
Phosphorus	31-2	9979.69	9787.23	9546.00	9770.97	2.22	ppb
Potassium	39-2	5184.72	5124.50	5101.09	5136.77	0.84	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	79.87	79.24	81.53	80.21	1.48	ppb
Selenium	77-2	97.05	84.87	96.81	92.91	7.50	ppb
Selenium	78-2	78.67	74.32	80.80	77.93	4.24	ppb
Silicon	28-1	98.57	99.00	99.78	99.12	0.62	ppb
Silver	107-1	33.19	34.02	35.08	34.10	2.77	ppb
Silver	109-1	33.95	33.50	34.43	33.96	1.37	ppb
Sodium	23-2	206.48	205.85	205.07	205.80	0.34	ppb
Strontium	86-1	39.25	38.97	39.34	39.19	0.49	ppb
Strontium	88-1	38.98	39.26	39.19	39.14	0.38	ppb
Sulfur	34-1	-643.03	-573.50	-577.27	-597.93		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	31.68	31.61	31.38	31.56	0.49	ppb
Thallium	205-1	31.28	31.34	31.23	31.28	0.16	ppb
Tin	118-1	0.28	0.27	0.29	0.28	2.83	ppb
Titanium	47-1	397.76	399.01	396.64	397.80	0.30	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:37:10	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.38	0.37	0.38	1.59	ppb
Vanadium	51-2	409.57	404.23	404.68	406.16	0.73	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	561.18	559.15	560.13	560.15	0.18	ppb
Zirconium	90-1	2.90	2.97	2.98	2.95	1.37	ppb
Zirconium	91-1	2.92	3.04	2.97	2.98	1.88	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-04	Instrumnet Name :	P7
Client Sample ID :	MYD589	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:40:27	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37306.86	36459.98	37023.54	36930.12	1.17	ppb
Antimony	121-1	1.98	1.95	2.01	1.98	1.51	ppb
Arsenic	75-2	66.14	67.78	68.40	67.44	1.73	ppb
Barium	135-1	386.58	383.59	384.44	384.87	0.40	ppb
Barium	137-1	388.91	391.95	397.71	392.86	1.14	ppb
Beryllium	9-1	1.74	1.88	1.75	1.79	4.37	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.65	3.10	2.77	10.46	ppb
Cadmium	106-1	3.32	2.83	1.96	2.71	25.34	ppb
Cadmium	111-1	2.38	2.29	2.34	2.34	1.76	ppb
Calcium	43-1	26211.68	26324.58	26970.98	26502.42	1.55	ppb
Calcium	44-1	24745.82	24952.73	25379.20	25025.92	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.56	65.65	66.20	65.80	0.53	ppb
Cobalt	59-2	36.14	35.47	35.88	35.83	0.94	ppb
Copper	63-2	280.19	280.48	282.29	280.99	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	77404.75	76777.84	77157.37	77113.32	0.41	ppb
Iron	57-2	76625.60	75443.71	75866.23	75978.52	0.79	ppb
Iron	54-2	77099.65	76447.66	77657.72	77068.34	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-04	Instrumnet Name :	P7
Client Sample ID :	MYD589	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:40:27	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	145.64	147.35	146.01	146.33	0.62	ppb
Lead	207-1	149.13	151.91	152.87	151.30	1.28	ppb
Lead	208-1	145.30	147.97	148.28	147.19	1.11	ppb
Lithium	6-1				87		%
Magnesium	24-2	17716.65	17430.51	17834.76	17660.64	1.18	ppb
Manganese	55-2	2158.93	2111.13	2131.29	2133.78	1.12	ppb
Molybdenum	94-1	13.98	14.97	14.72	14.56	3.51	ppb
Molybdenum	95-1	1.54	1.62	1.55	1.57	2.50	ppb
Molybdenum	96-1	3.47	3.55	3.57	3.53	1.42	ppb
Molybdenum	97-1	1.48	1.55	1.52	1.52	2.41	ppb
Molybdenum	98-1	1.56	1.61	1.57	1.58	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.45	60.49	61.97	60.97	1.42	ppb
Phosphorus	31-2	34714.21	35945.00	35341.46	35333.56	1.74	ppb
Potassium	39-2	14327.49	14243.81	14295.87	14289.06	0.30	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	1.43	1.85	1.39	1.56	16.19	ppb
Selenium	77-2	9.25	20.71	12.25	14.07	42.23	ppb
Selenium	78-2	2.89	5.07	3.77	3.91	28.05	ppb
Silicon	28-1	332.58	336.17	339.53	336.09	1.03	ppb
Silver	107-1	1.03	1.05	0.99	1.02	2.92	ppb
Silver	109-1	1.04	1.01	1.01	1.02	1.44	ppb
Sodium	23-2	279.28	273.76	279.96	277.67	1.22	ppb
Strontium	86-1	101.41	105.56	104.25	103.74	2.05	ppb
Strontium	88-1	100.22	104.23	103.58	102.68	2.10	ppb
Sulfur	34-1	237.67	185.19	328.99	250.62	29.04	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.29	0.28	0.30	0.29	3.50	ppb
Thallium	205-1	0.30	0.30	0.31	0.30	1.56	ppb
Tin	118-1	0.79	0.79	0.79	0.79	0.13	ppb
Titanium	47-1	824.25	834.76	835.54	831.52	0.76	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-04	Instrumnet Name :	P7
Client Sample ID :	MYD589	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:40:27	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.95	0.96	0.95	1.32	ppb
Vanadium	51-2	123.23	122.35	124.59	123.39	0.92	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	486.11	484.94	489.02	486.69	0.43	ppb
Zirconium	90-1	6.52	6.71	6.76	6.66	1.94	ppb
Zirconium	91-1	6.48	6.74	6.75	6.66	2.30	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-05	Instrumnet Name :	P7
Client Sample ID :	MYD590	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:43:40	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23135.33	25258.01	26022.77	24805.37	6.03	ppb
Antimony	121-1	1.50	1.48	1.45	1.48	1.60	ppb
Arsenic	75-2	41.83	48.86	45.15	45.28	7.77	ppb
Barium	135-1	280.01	280.41	279.66	280.03	0.14	ppb
Barium	137-1	280.98	286.91	283.73	283.87	1.05	ppb
Beryllium	9-1	1.34	1.33	1.28	1.32	2.21	ppb
Bismuth	209-1				90		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.94	1.69	1.71	1.78	7.91	ppb
Cadmium	106-1	3.15	1.56	1.96	2.23	37.30	ppb
Cadmium	111-1	1.23	1.22	1.26	1.24	1.80	ppb
Calcium	43-1	14114.96	14625.10	14679.75	14473.27	2.15	ppb
Calcium	44-1	13669.46	13797.63	13832.86	13766.65	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.49	58.91	59.85	57.42	5.98	ppb
Cobalt	59-2	23.09	25.56	25.88	24.84	6.14	ppb
Copper	63-2	219.68	244.03	250.50	238.07	6.83	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				90		%
Holmium	165-2				96		%
Indium	115-1				85		%
Indium	115-2				89		%
Iron	56-2	48846.38	54273.82	55040.04	52720.08	6.40	ppb
Iron	57-2	48267.24	53087.32	54627.01	51993.86	6.38	ppb
Iron	54-2	48934.48	54729.25	55084.13	52915.95	6.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-05	Instrumnet Name :	P7
Client Sample ID :	MYD590	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:43:40	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	82.41	83.92	81.99	82.77	1.22	ppb
Lead	207-1	83.20	86.04	84.66	84.63	1.68	ppb
Lead	208-1	82.36	84.33	82.93	83.21	1.22	ppb
Lithium	6-1				85		%
Magnesium	24-2	10965.11	11916.39	12217.61	11699.70	5.59	ppb
Manganese	55-2	1205.49	1320.45	1362.45	1296.13	6.27	ppb
Molybdenum	94-1	16.05	15.90	16.02	15.99	0.51	ppb
Molybdenum	95-1	1.03	1.12	1.14	1.09	5.47	ppb
Molybdenum	96-1	3.06	3.11	3.09	3.08	0.75	ppb
Molybdenum	97-1	1.14	1.14	1.19	1.15	2.77	ppb
Molybdenum	98-1	1.12	1.19	1.14	1.15	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.10	54.21	56.80	53.37	7.34	ppb
Phosphorus	31-2	17650.82	20229.16	20644.40	19508.13	8.31	ppb
Potassium	39-2	5658.64	6443.22	6405.19	6169.02	7.17	ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				84		%
Scandium	45-2				88		%
Selenium	82-1	0.18	0.64	0.67	0.50	55.16	ppb
Selenium	77-2	11.60	10.33	12.65	11.53	10.05	ppb
Selenium	78-2	3.76	4.09	2.75	3.54	19.66	ppb
Silicon	28-1	288.10	293.81	297.98	293.30	1.69	ppb
Silver	107-1	0.47	0.48	0.48	0.48	1.16	ppb
Silver	109-1	0.48	0.50	0.48	0.49	2.98	ppb
Sodium	23-2	155.17	171.29	176.40	167.62	6.61	ppb
Strontium	86-1	81.26	82.45	82.85	82.19	1.01	ppb
Strontium	88-1	81.07	83.22	83.70	82.66	1.69	ppb
Sulfur	34-1	-462.74	-408.56	-273.68	-381.66		ppb
Terbium	159-1				90		%
Terbium	159-2				95		%
Thallium	203-1	0.19	0.19	0.18	0.19	1.44	ppb
Thallium	205-1	0.19	0.19	0.19	0.19	2.45	ppb
Tin	118-1	0.49	0.51	0.51	0.50	2.09	ppb
Titanium	47-1	747.54	775.49	779.92	767.65	2.29	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-05	Instrumnet Name :	P7
Client Sample ID :	MYD590	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:43:40	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.82	0.82	1.84	ppb
Vanadium	51-2	80.07	89.57	90.95	86.86	6.82	ppb
Yttrium	89-1				89		%
Yttrium	89-2				94		%
Zinc	66-2	280.25	309.46	315.52	301.75	6.25	ppb
Zirconium	90-1	7.30	7.57	7.61	7.49	2.25	ppb
Zirconium	91-1	7.42	7.49	7.64	7.51	1.47	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-06	Instrumnet Name :	P7
Client Sample ID :	MYD591	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:46:56	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46911.36	46412.22	46383.54	46569.04	0.64	ppb
Antimony	121-1	1.82	1.76	1.78	1.79	1.71	ppb
Arsenic	75-2	95.45	95.63	96.96	96.01	0.86	ppb
Barium	135-1	537.86	538.07	543.24	539.72	0.56	ppb
Barium	137-1	543.34	543.49	547.10	544.64	0.39	ppb
Beryllium	9-1	2.06	2.05	2.06	2.06	0.43	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.22	3.17	3.48	3.29	4.99	ppb
Cadmium	106-1	3.16	2.73	3.30	3.06	9.82	ppb
Cadmium	111-1	2.68	2.62	2.68	2.66	1.30	ppb
Calcium	43-1	40317.73	40488.15	40587.37	40464.42	0.34	ppb
Calcium	44-1	37676.18	38230.51	38325.35	38077.35	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.52	86.43	85.44	86.13	0.69	ppb
Cobalt	59-2	44.65	43.83	44.10	44.20	0.95	ppb
Copper	63-2	423.48	422.60	422.90	422.99	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				92		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	92454.59	92086.09	91888.98	92143.22	0.31	ppb
Iron	57-2	92644.38	91355.10	90652.22	91550.57	1.10	ppb
Iron	54-2	91796.22	92301.65	91274.09	91790.65	0.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-06	Instrumnet Name :	P7
Client Sample ID :	MYD591	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:46:56	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	105.97	106.98	106.42	106.46	0.48	ppb
Lead	207-1	104.35	105.70	105.17	105.08	0.65	ppb
Lead	208-1	104.86	105.67	105.18	105.24	0.39	ppb
Lithium	6-1				86		%
Magnesium	24-2	20972.73	20506.77	20408.01	20629.17	1.46	ppb
Manganese	55-2	5424.24	5407.23	5381.98	5404.48	0.39	ppb
Molybdenum	94-1	17.77	17.65	17.60	17.67	0.48	ppb
Molybdenum	95-1	2.44	2.46	2.36	2.42	2.26	ppb
Molybdenum	96-1	4.55	4.64	4.50	4.57	1.57	ppb
Molybdenum	97-1	2.30	2.23	2.33	2.29	2.30	ppb
Molybdenum	98-1	2.32	2.32	2.26	2.30	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.07	67.82	68.03	68.31	0.98	ppb
Phosphorus	31-2	27616.80	26980.89	27299.31	27299.00	1.16	ppb
Potassium	39-2	14174.94	14087.86	14222.72	14161.84	0.48	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	1.46	1.19	1.02	1.23	17.98	ppb
Selenium	77-2	16.04	11.88	16.12	14.68	16.51	ppb
Selenium	78-2	7.80	3.08	2.67	4.51	63.17	ppb
Silicon	28-1	295.20	300.74	301.51	299.15	1.15	ppb
Silver	107-1	1.12	1.16	1.11	1.13	2.43	ppb
Silver	109-1	1.13	1.11	1.14	1.13	1.40	ppb
Sodium	23-2	397.85	389.16	394.18	393.73	1.11	ppb
Strontium	86-1	120.86	122.13	121.06	121.35	0.56	ppb
Strontium	88-1	121.78	122.71	121.29	121.93	0.59	ppb
Sulfur	34-1	-386.17	-281.67	-333.00	-333.61		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.40	0.38	0.39	0.39	2.86	ppb
Thallium	205-1	0.39	0.38	0.40	0.39	2.15	ppb
Tin	118-1	0.49	0.49	0.49	0.49	0.50	ppb
Titanium	47-1	1272.57	1291.51	1293.44	1285.84	0.90	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-06	Instrumnet Name :	P7
Client Sample ID :	MYD591	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:46:56	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.21	1.18	1.19	1.81	ppb
Vanadium	51-2	153.53	153.62	152.65	153.27	0.35	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	431.55	429.67	430.19	430.47	0.23	ppb
Zirconium	90-1	7.65	7.76	7.78	7.73	0.90	ppb
Zirconium	91-1	7.53	7.94	7.94	7.80	3.05	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-07	Instrumnet Name :	P7
Client Sample ID :	MYD592	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:50:09	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34571.43	34470.81	34509.25	34517.16	0.15	ppb
Antimony	121-1	2.27	2.29	2.42	2.32	3.48	ppb
Arsenic	75-2	90.50	89.85	90.39	90.25	0.39	ppb
Barium	135-1	435.49	436.40	443.87	438.59	1.05	ppb
Barium	137-1	440.21	440.04	450.72	443.65	1.38	ppb
Beryllium	9-1	1.91	1.86	1.71	1.83	5.78	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.89	4.55	4.08	4.18	8.12	ppb
Cadmium	106-1	3.58	3.25	4.21	3.68	13.25	ppb
Cadmium	111-1	3.82	3.61	3.94	3.79	4.35	ppb
Calcium	43-1	20954.56	20410.53	20672.72	20679.27	1.32	ppb
Calcium	44-1	19627.05	19396.19	19622.48	19548.57	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.12	66.11	66.86	66.70	0.79	ppb
Cobalt	59-2	38.04	37.82	38.10	37.99	0.38	ppb
Copper	63-2	593.04	589.47	589.86	590.79	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				92		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	78909.65	76864.83	77769.41	77847.96	1.32	ppb
Iron	57-2	78539.70	76860.19	77087.35	77495.75	1.18	ppb
Iron	54-2	79364.65	77892.07	79173.07	78809.93	1.02	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-07	Instrumnet Name :	P7
Client Sample ID :	MYD592	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:50:09	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	164.06	161.48	163.95	163.16	0.90	ppb
Lead	207-1	163.20	160.56	161.99	161.92	0.82	ppb
Lead	208-1	161.78	160.83	162.01	161.54	0.39	ppb
Lithium	6-1				86		%
Magnesium	24-2	16722.86	16620.79	16607.99	16650.55	0.38	ppb
Manganese	55-2	3443.77	3347.08	3419.07	3403.31	1.48	ppb
Molybdenum	94-1	14.62	15.05	15.00	14.89	1.59	ppb
Molybdenum	95-1	1.74	1.92	1.77	1.81	5.34	ppb
Molybdenum	96-1	3.76	3.76	3.76	3.76	0.02	ppb
Molybdenum	97-1	1.83	1.72	1.81	1.79	3.35	ppb
Molybdenum	98-1	1.77	1.82	1.78	1.79	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.57	56.88	59.05	58.17	1.95	ppb
Phosphorus	31-2	26213.26	24877.86	25415.89	25502.34	2.63	ppb
Potassium	39-2	12054.53	12079.04	12138.36	12090.64	0.36	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				88		%
Scandium	45-2				88		%
Selenium	82-1	1.96	1.18	1.85	1.66	25.54	ppb
Selenium	77-2	15.58	7.19	10.81	11.19	37.62	ppb
Selenium	78-2	2.35	2.88	3.66	2.97	22.17	ppb
Silicon	28-1	290.31	281.15	288.50	286.65	1.69	ppb
Silver	107-1	1.59	1.59	1.68	1.62	2.97	ppb
Silver	109-1	1.57	1.58	1.66	1.60	3.19	ppb
Sodium	23-2	462.74	457.67	462.02	460.81	0.60	ppb
Strontium	86-1	100.27	103.41	102.24	101.97	1.56	ppb
Strontium	88-1	100.49	102.54	101.76	101.60	1.02	ppb
Sulfur	34-1	-250.05	-473.79	-384.78	-369.54		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.35	0.36	0.34	0.35	3.58	ppb
Thallium	205-1	0.36	0.34	0.34	0.34	3.32	ppb
Tin	118-1	1.63	1.62	1.70	1.65	2.56	ppb
Titanium	47-1	794.89	778.55	795.56	789.66	1.22	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-07	Instrumnet Name :	P7
Client Sample ID :	MYD592	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:50:09	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.82	0.87	0.84	3.19	ppb
Vanadium	51-2	121.22	120.12	121.48	120.94	0.60	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	526.92	518.39	519.51	521.61	0.89	ppb
Zirconium	90-1	6.63	6.82	6.60	6.68	1.81	ppb
Zirconium	91-1	6.78	6.85	6.84	6.83	0.59	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-08	Instrumnet Name :	P7
Client Sample ID :	MYD593	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:53:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35399.28	39427.96	42249.07	39025.44	8.82	ppb
Antimony	121-1	8.64	8.76	9.04	8.81	2.32	ppb
Arsenic	75-2	93.55	102.58	110.48	102.20	8.29	ppb
Barium	135-1	638.03	628.99	646.49	637.84	1.37	ppb
Barium	137-1	645.79	632.15	651.24	643.06	1.53	ppb
Beryllium	9-1	1.67	1.67	1.66	1.67	0.53	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.89	3.17	4.02	3.70	12.37	ppb
Cadmium	106-1	3.20	2.06	2.84	2.70	21.54	ppb
Cadmium	111-1	3.21	2.89	3.25	3.12	6.44	ppb
Calcium	43-1	23867.21	24398.20	25015.80	24427.07	2.35	ppb
Calcium	44-1	22603.04	23055.05	23719.17	23125.75	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.21	81.12	85.77	79.37	9.37	ppb
Cobalt	59-2	42.55	47.80	51.13	47.16	9.17	ppb
Copper	63-2	554.15	615.27	654.19	607.87	8.30	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				92		%
Holmium	165-2				88		%
Indium	115-1				87		%
Indium	115-2				80		%
Iron	56-2	84958.90	94718.58	99143.40	92940.29	7.81	ppb
Iron	57-2	83680.75	94013.05	99182.45	92292.09	8.55	ppb
Iron	54-2	85545.41	94503.60	100188.41	93412.47	7.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-08	Instrumnet Name :	P7
Client Sample ID :	MYD593	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:53:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	108.77	112.41	113.72	111.63	2.30	ppb
Lead	207-1	108.17	111.00	113.15	110.78	2.26	ppb
Lead	208-1	107.60	110.49	112.71	110.27	2.32	ppb
Lithium	6-1				85		%
Magnesium	24-2	16541.75	18258.07	19003.32	17934.38	7.04	ppb
Manganese	55-2	4669.75	5210.67	5507.43	5129.28	8.28	ppb
Molybdenum	94-1	12.35	12.18	12.49	12.34	1.29	ppb
Molybdenum	95-1	2.59	2.50	2.61	2.57	2.38	ppb
Molybdenum	96-1	4.06	4.11	4.22	4.13	2.01	ppb
Molybdenum	97-1	2.37	2.47	2.57	2.47	4.00	ppb
Molybdenum	98-1	2.47	2.44	2.56	2.49	2.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.61	65.59	69.56	64.25	9.47	ppb
Phosphorus	31-2	31172.02	34937.87	37882.75	34664.21	9.70	ppb
Potassium	39-2	12814.34	14438.08	15058.43	14103.62	8.22	ppb
Rhodium	103-1				84		%
Rhodium	103-2				79		%
Scandium	45-1				86		%
Scandium	45-2				81		%
Selenium	82-1	1.28	1.35	1.68	1.44	14.75	ppb
Selenium	77-2	15.60	13.20	14.30	14.36	8.38	ppb
Selenium	78-2	3.12	5.03	4.32	4.16	23.16	ppb
Silicon	28-1	290.61	297.77	309.70	299.36	3.22	ppb
Silver	107-1	1.18	1.11	1.12	1.14	3.23	ppb
Silver	109-1	1.16	1.10	1.14	1.13	2.40	ppb
Sodium	23-2	499.84	555.13	596.12	550.36	8.78	ppb
Strontium	86-1	104.46	103.40	106.92	104.92	1.72	ppb
Strontium	88-1	102.82	103.09	106.98	104.30	2.23	ppb
Sulfur	34-1	-437.59	-348.38	-66.59	-284.18		ppb
Terbium	159-1				92		%
Terbium	159-2				86		%
Thallium	203-1	0.35	0.33	0.37	0.35	6.17	ppb
Thallium	205-1	0.32	0.33	0.34	0.33	3.60	ppb
Tin	118-1	2.60	2.65	2.72	2.66	2.18	ppb
Titanium	47-1	1035.42	1068.47	1092.97	1065.62	2.71	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-08	Instrumnet Name :	P7
Client Sample ID :	MYD593	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:53:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.85	0.88	0.86	1.68	ppb
Vanadium	51-2	133.38	149.13	157.27	146.60	8.28	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	622.59	692.66	727.51	680.92	7.85	ppb
Zirconium	90-1	5.01	5.11	5.25	5.12	2.38	ppb
Zirconium	91-1	5.05	4.94	5.38	5.12	4.44	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-09	Instrumnet Name :	P7
Client Sample ID :	MYD594	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:56:37	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35911.99	36484.38	36627.95	36341.44	1.04	ppb
Antimony	121-1	1.95	1.95	1.94	1.95	0.22	ppb
Arsenic	75-2	64.89	66.17	64.12	65.06	1.59	ppb
Barium	135-1	362.90	362.78	368.11	364.60	0.83	ppb
Barium	137-1	365.67	368.33	363.77	365.92	0.63	ppb
Beryllium	9-1	1.45	1.68	1.46	1.53	8.61	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.34	2.37	2.28	2.33	2.06	ppb
Cadmium	106-1	3.47	4.39	2.43	3.43	28.49	ppb
Cadmium	111-1	2.10	2.13	2.03	2.09	2.35	ppb
Calcium	43-1	19172.98	19556.71	19549.92	19426.54	1.13	ppb
Calcium	44-1	18108.22	18371.02	18400.34	18293.19	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.44	71.35	71.41	71.07	0.76	ppb
Cobalt	59-2	32.10	32.47	32.70	32.43	0.93	ppb
Copper	63-2	262.41	266.88	268.09	265.79	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	73026.02	73582.82	73742.36	73450.40	0.51	ppb
Iron	57-2	71666.98	73008.49	74411.89	73029.12	1.88	ppb
Iron	54-2	72035.75	73206.51	73599.74	72947.33	1.12	ppb
Krypton	83-1						cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-09	Instrumnet Name :	P7
Client Sample ID :	MYD594	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:56:37	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	132.01	134.52	133.08	133.21	0.94	ppb
Lead	207-1	133.02	138.78	134.20	135.33	2.25	ppb
Lead	208-1	133.00	137.41	132.91	134.44	1.91	ppb
Lithium	6-1				83		%
Magnesium	24-2	16579.46	16630.01	16712.35	16640.61	0.40	ppb
Manganese	55-2	1829.67	1840.93	1860.02	1843.54	0.83	ppb
Molybdenum	94-1	20.21	21.19	21.13	20.84	2.63	ppb
Molybdenum	95-1	1.45	1.31	1.36	1.38	5.08	ppb
Molybdenum	96-1	3.96	3.99	3.99	3.98	0.33	ppb
Molybdenum	97-1	1.34	1.33	1.49	1.39	6.43	ppb
Molybdenum	98-1	1.31	1.43	1.34	1.36	4.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.96	60.35	59.84	60.05	0.44	ppb
Phosphorus	31-2	25169.89	25219.34	25162.12	25183.78	0.12	ppb
Potassium	39-2	9460.24	9393.04	9471.39	9441.56	0.45	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	1.29	1.14	1.10	1.18	8.50	ppb
Selenium	77-2	14.48	8.49	15.63	12.86	29.81	ppb
Selenium	78-2	5.51	2.80	2.22	3.51	50.10	ppb
Silicon	28-1	212.56	217.07	217.42	215.68	1.26	ppb
Silver	107-1	0.82	0.88	0.83	0.85	3.83	ppb
Silver	109-1	0.90	0.83	0.82	0.85	4.82	ppb
Sodium	23-2	238.68	243.31	246.05	242.68	1.54	ppb
Strontium	86-1	87.51	89.49	88.54	88.52	1.12	ppb
Strontium	88-1	88.86	90.32	88.95	89.38	0.91	ppb
Sulfur	34-1	-173.12	-260.90	-273.40	-235.81		ppb
Terbium	159-1				90		%
Terbium	159-2				92		%
Thallium	203-1	0.25	0.22	0.24	0.24	6.96	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.46	ppb
Tin	118-1	0.58	0.58	0.59	0.58	0.62	ppb
Titanium	47-1	932.68	943.81	951.60	942.70	1.01	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-09	Instrumnet Name :	P7
Client Sample ID :	MYD594	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:56:37	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.90	0.82	0.86	4.92	ppb
Vanadium	51-2	118.02	118.78	120.95	119.25	1.27	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	464.86	465.66	469.64	466.72	0.55	ppb
Zirconium	90-1	9.65	9.87	9.74	9.75	1.14	ppb
Zirconium	91-1	9.65	9.86	9.92	9.81	1.44	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-10	Instrumnet Name :	P7
Client Sample ID :	MYD595	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:59:53	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36911.39	36794.80	36905.19	36870.46	0.18	ppb
Antimony	121-1	1.16	1.28	1.11	1.18	7.62	ppb
Arsenic	75-2	54.00	54.24	52.75	53.66	1.49	ppb
Barium	135-1	348.23	393.26	347.80	363.09	7.19	ppb
Barium	137-1	349.65	398.10	346.87	364.87	7.90	ppb
Beryllium	9-1	1.74	2.01	1.50	1.75	14.54	ppb
Bismuth	209-1				89		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.19	2.77	2.66	2.54	12.03	ppb
Cadmium	106-1	2.60	4.08	2.65	3.11	26.94	ppb
Cadmium	111-1	1.79	2.02	1.79	1.87	7.19	ppb
Calcium	43-1	45426.77	52321.69	45490.51	47746.32	8.30	ppb
Calcium	44-1	42689.57	49775.01	43138.70	45201.09	8.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.93	67.26	67.90	67.70	0.55	ppb
Cobalt	59-2	39.60	39.32	39.65	39.52	0.45	ppb
Copper	63-2	182.64	180.81	180.83	181.43	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				94		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	75021.83	73421.32	73884.87	74109.34	1.11	ppb
Iron	57-2	74019.46	72110.99	74320.03	73483.49	1.63	ppb
Iron	54-2	74788.02	73705.27	75181.89	74558.40	1.03	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-10	Instrumnet Name :	P7
Client Sample ID :	MYD595	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:59:53	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.20	100.14	84.54	90.63	9.21	ppb
Lead	207-1	87.70	102.40	85.87	91.99	9.85	ppb
Lead	208-1	87.07	100.39	84.96	90.81	9.21	ppb
Lithium	6-1				82		%
Magnesium	24-2	17045.43	16927.06	16892.18	16954.89	0.47	ppb
Manganese	55-2	2322.52	2301.26	2303.83	2309.20	0.50	ppb
Molybdenum	94-1	13.95	16.26	13.40	14.54	10.41	ppb
Molybdenum	95-1	2.09	2.43	2.22	2.25	7.48	ppb
Molybdenum	96-1	3.84	4.43	4.00	4.09	7.51	ppb
Molybdenum	97-1	2.12	2.38	2.08	2.19	7.37	ppb
Molybdenum	98-1	1.95	2.45	2.16	2.19	11.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.95	55.65	54.99	55.53	0.88	ppb
Phosphorus	31-2	23094.05	23759.05	22984.07	23279.06	1.80	ppb
Potassium	39-2	11527.41	11333.15	11643.40	11501.32	1.36	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				83		%
Scandium	45-2				87		%
Selenium	82-1	1.79	1.82	1.89	1.83	2.99	ppb
Selenium	77-2	11.55	13.70	10.13	11.79	15.23	ppb
Selenium	78-2	2.27	2.75	1.74	2.25	22.54	ppb
Silicon	28-1	337.46	387.67	341.12	355.42	7.88	ppb
Silver	107-1	0.61	0.72	0.63	0.65	9.34	ppb
Silver	109-1	0.59	0.69	0.59	0.62	9.22	ppb
Sodium	23-2	449.61	448.73	448.86	449.07	0.11	ppb
Strontium	86-1	127.99	149.46	130.02	135.82	8.73	ppb
Strontium	88-1	133.25	149.12	129.63	137.33	7.55	ppb
Sulfur	34-1	494.05	1433.67	606.04	844.58	60.77	ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	0.24	0.30	0.25	0.26	12.38	ppb
Thallium	205-1	0.25	0.29	0.25	0.26	9.23	ppb
Tin	118-1	0.35	0.39	0.34	0.36	6.94	ppb
Titanium	47-1	1037.37	1198.45	1047.10	1094.31	8.25	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-10	Instrumnet Name :	P7
Client Sample ID :	MYD595	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:59:53	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.95	0.79	0.86	9.97	ppb
Vanadium	51-2	128.05	127.43	128.05	127.84	0.28	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	316.27	316.01	316.12	316.13	0.04	ppb
Zirconium	90-1	5.97	7.00	6.09	6.35	8.82	ppb
Zirconium	91-1	6.03	7.26	5.98	6.43	11.29	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-11	Instrumnet Name :	P7
Client Sample ID :	MYD596	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:03:05	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17251.87	16938.18	16689.90	16959.98	1.66	ppb
Antimony	121-1	0.46	0.40	0.46	0.44	8.13	ppb
Arsenic	75-2	14.04	14.56	14.37	14.33	1.83	ppb
Barium	135-1	193.22	171.86	178.92	181.33	6.00	ppb
Barium	137-1	191.37	170.82	180.02	180.73	5.70	ppb
Beryllium	9-1	1.17	1.07	1.07	1.10	5.36	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	0.73	0.73	0.82	18.42	ppb
Cadmium	106-1	0.99	0.16	0.98	0.71	67.40	ppb
Cadmium	111-1	0.39	0.38	0.45	0.41	9.32	ppb
Calcium	43-1	16342.07	14369.37	14783.94	15165.13	6.86	ppb
Calcium	44-1	15312.87	13671.36	14065.95	14350.06	5.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.90	50.65	50.46	50.67	0.43	ppb
Cobalt	59-2	18.14	17.93	17.60	17.89	1.52	ppb
Copper	63-2	50.07	50.05	49.34	49.82	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				90		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	32682.82	32164.21	32014.08	32287.04	1.09	ppb
Iron	57-2	33909.23	33453.98	33280.43	33547.88	0.97	ppb
Iron	54-2	33355.23	32781.62	32409.35	32848.73	1.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-11	Instrumnet Name :	P7
Client Sample ID :	MYD596	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:03:05	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.56	15.85	16.17	16.53	5.52	ppb
Lead	207-1	15.49	13.75	14.11	14.45	6.34	ppb
Lead	208-1	16.11	14.36	14.83	15.10	6.01	ppb
Lithium	6-1				82		%
Magnesium	24-2	9347.71	9047.08	9028.45	9141.08	1.96	ppb
Manganese	55-2	740.98	728.75	722.11	730.61	1.31	ppb
Molybdenum	94-1	11.21	9.70	10.46	10.46	7.19	ppb
Molybdenum	95-1	0.62	0.59	0.55	0.59	5.50	ppb
Molybdenum	96-1	2.03	1.74	1.86	1.88	7.60	ppb
Molybdenum	97-1	0.64	0.52	0.61	0.59	9.87	ppb
Molybdenum	98-1	0.60	0.55	0.55	0.57	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.32	52.90	51.18	52.13	1.68	ppb
Phosphorus	31-2	21245.42	20706.47	19682.85	20544.91	3.86	ppb
Potassium	39-2	6328.24	6208.64	6187.88	6241.59	1.21	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	0.05	0.31	0.68	0.35	90.94	ppb
Selenium	77-2	9.80	9.25	7.04	8.70	16.77	ppb
Selenium	78-2	1.54	3.93	1.03	2.16	71.47	ppb
Silicon	28-1	297.30	262.32	269.90	276.51	6.66	ppb
Silver	107-1	0.12	0.11	0.12	0.12	6.85	ppb
Silver	109-1	0.11	0.10	0.12	0.11	11.11	ppb
Sodium	23-2	199.18	198.43	194.49	197.37	1.28	ppb
Strontium	86-1	101.14	91.56	93.40	95.37	5.33	ppb
Strontium	88-1	100.58	90.64	93.55	94.92	5.39	ppb
Sulfur	34-1	551.84	-229.62	-53.49	89.58	457.59	ppb
Terbium	159-1				88		%
Terbium	159-2				90		%
Thallium	203-1	0.14	0.16	0.15	0.15	5.24	ppb
Thallium	205-1	0.16	0.13	0.15	0.15	9.69	ppb
Tin	118-1	0.48	0.42	0.46	0.46	6.10	ppb
Titanium	47-1	995.36	880.65	906.69	927.57	6.48	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-11	Instrumnet Name :	P7
Client Sample ID :	MYD596	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:03:05	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.86	0.89	0.90	6.33	ppb
Vanadium	51-2	58.03	57.47	56.47	57.32	1.38	ppb
Yttrium	89-1				87		%
Yttrium	89-2				89		%
Zinc	66-2	120.41	123.69	121.92	122.01	1.35	ppb
Zirconium	90-1	5.35	4.79	5.01	5.05	5.57	ppb
Zirconium	91-1	5.22	4.63	5.00	4.95	6.05	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-12	Instrumnet Name :	P7
Client Sample ID :	MYD597	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:06:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19925.77	19549.07	20195.34	19890.06	1.63	ppb
Antimony	121-1	0.37	0.34	0.36	0.36	4.57	ppb
Arsenic	75-2	13.98	13.74	13.59	13.77	1.44	ppb
Barium	135-1	211.86	210.80	210.41	211.02	0.36	ppb
Barium	137-1	212.68	212.89	214.61	213.39	0.50	ppb
Beryllium	9-1	1.10	1.24	1.25	1.20	6.73	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.86	0.63	0.66	0.72	17.40	ppb
Cadmium	106-1	0.40	-0.28	-0.38	-0.09		ppb
Cadmium	111-1	0.24	0.22	0.22	0.23	6.08	ppb
Calcium	43-1	13635.41	13930.49	14028.59	13864.83	1.48	ppb
Calcium	44-1	12919.12	13238.30	13215.27	13124.23	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.97	60.44	61.23	60.55	1.05	ppb
Cobalt	59-2	22.38	22.31	22.86	22.52	1.32	ppb
Copper	63-2	48.79	48.59	49.93	49.10	1.47	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				89		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	37713.04	37465.02	38685.85	37954.64	1.70	ppb
Iron	57-2	39157.57	38973.47	40051.39	39394.15	1.46	ppb
Iron	54-2	38009.92	38149.31	38316.25	38158.50	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-12	Instrumnet Name :	P7
Client Sample ID :	MYD597	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:06:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.81	14.95	15.28	15.02	1.58	ppb
Lead	207-1	12.92	13.24	13.58	13.24	2.50	ppb
Lead	208-1	13.49	13.90	14.02	13.80	2.01	ppb
Lithium	6-1				83		%
Magnesium	24-2	10633.65	10695.35	10908.24	10745.75	1.34	ppb
Manganese	55-2	860.26	862.02	879.48	867.25	1.22	ppb
Molybdenum	94-1	11.28	11.30	11.48	11.36	0.93	ppb
Molybdenum	95-1	0.70	0.72	0.73	0.72	2.17	ppb
Molybdenum	96-1	2.14	2.06	2.13	2.11	2.14	ppb
Molybdenum	97-1	0.72	0.66	0.66	0.68	4.88	ppb
Molybdenum	98-1	0.67	0.67	0.69	0.68	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.67	59.90	61.99	60.86	1.74	ppb
Phosphorus	31-2	21793.48	22349.69	22276.98	22140.05	1.37	ppb
Potassium	39-2	6353.93	6355.27	6498.74	6402.65	1.30	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	82-1	0.39	-0.24	-0.06	0.03	1071.82	ppb
Selenium	77-2	10.18	8.54	9.20	9.31	8.88	ppb
Selenium	78-2	3.50	3.00	3.88	3.46	12.85	ppb
Silicon	28-1	248.45	254.12	259.15	253.91	2.11	ppb
Silver	107-1	0.09	0.10	0.10	0.10	4.75	ppb
Silver	109-1	0.10	0.09	0.12	0.10	13.06	ppb
Sodium	23-2	202.40	202.77	208.43	204.53	1.65	ppb
Strontium	86-1	95.27	93.35	94.85	94.49	1.07	ppb
Strontium	88-1	94.02	94.21	94.00	94.08	0.12	ppb
Sulfur	34-1	-481.64	-328.25	-346.73	-385.54		ppb
Terbium	159-1				91		%
Terbium	159-2				91		%
Thallium	203-1	0.19	0.16	0.22	0.19	14.93	ppb
Thallium	205-1	0.19	0.20	0.20	0.20	3.12	ppb
Tin	118-1	0.24	0.25	0.24	0.24	2.32	ppb
Titanium	47-1	894.67	920.46	945.10	920.08	2.74	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-12	Instrumnet Name :	P7
Client Sample ID :	MYD597	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:06:24	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.06	1.09	1.06	2.67	ppb
Vanadium	51-2	65.49	65.10	66.85	65.81	1.40	ppb
Yttrium	89-1				87		%
Yttrium	89-2				91		%
Zinc	66-2	123.89	123.11	125.25	124.08	0.87	ppb
Zirconium	90-1	5.24	5.32	5.33	5.30	0.94	ppb
Zirconium	91-1	5.17	5.36	5.26	5.27	1.85	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-13	Instrumnet Name :	P7
Client Sample ID :	MYD598	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:09:40	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29731.13	29323.38	29941.91	29665.47	1.06	ppb
Antimony	121-1	1.84	1.78	1.86	1.83	2.21	ppb
Arsenic	75-2	82.62	85.39	84.65	84.22	1.70	ppb
Barium	135-1	367.31	368.76	370.40	368.82	0.42	ppb
Barium	137-1	366.04	368.96	374.46	369.82	1.16	ppb
Beryllium	9-1	1.45	1.32	1.42	1.40	4.93	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.53	2.76	2.19	2.49	11.33	ppb
Cadmium	106-1	2.01	1.85	2.56	2.14	17.26	ppb
Cadmium	111-1	1.91	1.73	2.08	1.91	9.16	ppb
Calcium	43-1	16018.95	15943.12	16291.57	16084.55	1.14	ppb
Calcium	44-1	15337.60	15359.87	15345.25	15347.57	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.94	58.02	59.00	58.66	0.94	ppb
Cobalt	59-2	30.08	29.28	29.54	29.63	1.38	ppb
Copper	63-2	212.29	208.34	213.03	211.22	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				92		%
Indium	115-1				83		%
Indium	115-2				84		%
Iron	56-2	66266.91	65262.91	66322.34	65950.72	0.90	ppb
Iron	57-2	66547.65	64952.55	65736.83	65745.68	1.21	ppb
Iron	54-2	65920.24	65645.11	66538.40	66034.58	0.69	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-13	Instrumnet Name :	P7
Client Sample ID :	MYD598	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:09:40	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	133.31	137.78	131.80	134.29	2.32	ppb
Lead	207-1	135.20	139.33	134.72	136.42	1.86	ppb
Lead	208-1	133.25	136.26	133.89	134.47	1.18	ppb
Lithium	6-1				82		%
Magnesium	24-2	14048.79	13635.64	13791.85	13825.43	1.51	ppb
Manganese	55-2	2093.23	2088.02	2128.90	2103.38	1.06	ppb
Molybdenum	94-1	16.24	15.95	16.11	16.10	0.88	ppb
Molybdenum	95-1	1.24	1.44	1.32	1.33	7.37	ppb
Molybdenum	96-1	3.23	3.58	3.23	3.35	6.07	ppb
Molybdenum	97-1	1.21	1.19	1.31	1.24	5.22	ppb
Molybdenum	98-1	1.26	1.28	1.26	1.27	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.08	49.64	51.59	50.77	2.00	ppb
Phosphorus	31-2	24878.06	24323.86	24903.64	24701.85	1.33	ppb
Potassium	39-2	9808.81	9916.24	9832.18	9852.41	0.57	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				83		%
Selenium	82-1	0.82	1.34	1.01	1.06	25.02	ppb
Selenium	77-2	11.82	8.01	13.40	11.08	24.97	ppb
Selenium	78-2	4.47	3.48	3.02	3.65	20.17	ppb
Silicon	28-1	308.27	309.68	305.35	307.77	0.72	ppb
Silver	107-1	0.93	0.92	0.98	0.94	3.37	ppb
Silver	109-1	0.86	0.90	0.94	0.90	4.25	ppb
Sodium	23-2	204.75	202.34	206.78	204.63	1.09	ppb
Strontium	86-1	74.33	76.18	75.85	75.45	1.31	ppb
Strontium	88-1	74.92	76.52	76.73	76.06	1.30	ppb
Sulfur	34-1	105.74	21.57	-69.01	19.43	449.70	ppb
Terbium	159-1				87		%
Terbium	159-2				90		%
Thallium	203-1	0.22	0.22	0.23	0.22	3.02	ppb
Thallium	205-1	0.23	0.23	0.23	0.23	1.31	ppb
Tin	118-1	0.59	0.60	0.62	0.60	2.60	ppb
Titanium	47-1	645.96	650.72	645.67	647.45	0.44	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-13	Instrumnet Name :	P7
Client Sample ID :	MYD598	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:09:40	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.77	0.75	0.76	1.50	ppb
Vanadium	51-2	103.71	102.44	102.86	103.00	0.63	ppb
Yttrium	89-1				88		%
Yttrium	89-2				91		%
Zinc	66-2	450.47	446.01	449.39	448.63	0.52	ppb
Zirconium	90-1	7.29	7.48	7.38	7.38	1.26	ppb
Zirconium	91-1	7.35	7.50	7.62	7.49	1.83	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-14	Instrumnet Name :	P7
Client Sample ID :	MYD5A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:12:57	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27291.12	27591.82	27711.16	27531.37	0.79	ppb
Antimony	121-1	2.92	2.78	2.96	2.89	3.23	ppb
Arsenic	75-2	75.07	73.95	74.82	74.61	0.79	ppb
Barium	135-1	378.77	381.88	388.72	383.12	1.33	ppb
Barium	137-1	385.32	382.86	390.34	386.17	0.99	ppb
Beryllium	9-1	1.54	1.60	1.59	1.58	1.91	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	4.30	3.91	4.04	4.08	4.81	ppb
Cadmium	106-1	3.13	3.59	5.84	4.18	34.72	ppb
Cadmium	111-1	3.53	3.56	3.81	3.63	4.25	ppb
Calcium	43-1	14065.02	14055.53	14265.95	14128.83	0.84	ppb
Calcium	44-1	13172.89	13227.69	13336.72	13245.77	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.02	46.37	47.13	46.84	0.88	ppb
Cobalt	59-2	31.15	30.82	31.31	31.09	0.80	ppb
Copper	63-2	341.10	342.36	348.73	344.06	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				94		%
Indium	115-1				83		%
Indium	115-2				85		%
Iron	56-2	60531.23	61111.54	62136.87	61259.88	1.33	ppb
Iron	57-2	61276.55	60318.46	62311.32	61302.11	1.63	ppb
Iron	54-2	61219.72	61222.52	62212.12	61551.46	0.93	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-14	Instrumnet Name :	P7
Client Sample ID :	MYD5A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:12:57	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	277.04	283.08	279.59	279.90	1.08	ppb
Lead	207-1	296.85	302.41	299.17	299.48	0.93	ppb
Lead	208-1	304.43	306.92	304.12	305.16	0.50	ppb
Lithium	6-1				81		%
Magnesium	24-2	11256.22	11218.63	11132.90	11202.58	0.56	ppb
Manganese	55-2	1758.31	1768.58	1802.54	1776.48	1.30	ppb
Molybdenum	94-1	16.79	16.39	16.94	16.71	1.71	ppb
Molybdenum	95-1	1.29	1.16	1.23	1.23	5.04	ppb
Molybdenum	96-1	3.29	3.19	3.37	3.28	2.79	ppb
Molybdenum	97-1	1.17	1.20	1.19	1.19	1.18	ppb
Molybdenum	98-1	1.17	1.21	1.17	1.18	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.55	44.77	44.83	44.72	0.32	ppb
Phosphorus	31-2	19750.64	19788.01	20725.24	20087.96	2.75	ppb
Potassium	39-2	7794.10	7938.05	7971.06	7901.07	1.19	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				83		%
Selenium	82-1	1.49	2.92	2.10	2.17	33.16	ppb
Selenium	77-2	18.58	14.79	13.14	15.51	17.97	ppb
Selenium	78-2	5.92	5.10	3.20	4.74	29.40	ppb
Silicon	28-1	293.36	292.29	293.07	292.91	0.19	ppb
Silver	107-1	2.02	2.02	2.02	2.02	0.14	ppb
Silver	109-1	1.94	1.98	2.05	1.99	2.63	ppb
Sodium	23-2	172.65	172.53	175.71	173.63	1.04	ppb
Strontium	86-1	90.01	89.24	91.02	90.09	0.99	ppb
Strontium	88-1	89.67	89.28	90.51	89.82	0.70	ppb
Sulfur	34-1	-193.19	-366.25	-235.90	-265.11		ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	0.28	0.28	0.31	0.29	6.51	ppb
Thallium	205-1	0.29	0.29	0.28	0.29	0.97	ppb
Tin	118-1	0.39	0.41	0.42	0.40	3.38	ppb
Titanium	47-1	764.08	769.21	773.40	768.89	0.61	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-14	Instrumnet Name :	P7
Client Sample ID :	MYD5A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:12:57	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.91	0.92	0.92	0.45	ppb
Vanadium	51-2	95.04	95.23	97.15	95.80	1.22	ppb
Yttrium	89-1				89		%
Yttrium	89-2				92		%
Zinc	66-2	933.30	931.08	945.20	936.52	0.81	ppb
Zirconium	90-1	7.83	7.88	7.96	7.89	0.83	ppb
Zirconium	91-1	7.99	7.78	8.03	7.94	1.71	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-15	Instrumnet Name :	P7
Client Sample ID :	MYD5A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:16:10	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32393.33	32016.75	32718.72	32376.27	1.09	ppb
Antimony	121-1	3.52	3.62	3.68	3.61	2.16	ppb
Arsenic	75-2	66.50	65.16	65.64	65.77	1.04	ppb
Barium	135-1	403.55	413.66	406.63	407.95	1.27	ppb
Barium	137-1	409.26	416.87	414.60	413.58	0.95	ppb
Beryllium	9-1	1.58	1.73	1.64	1.65	4.64	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.45	3.72	3.56	3.57	3.80	ppb
Cadmium	106-1	4.42	3.24	2.74	3.47	24.89	ppb
Cadmium	111-1	2.83	2.83	2.76	2.81	1.44	ppb
Calcium	43-1	14943.94	15158.70	14936.63	15013.09	0.84	ppb
Calcium	44-1	14143.58	14355.03	14276.46	14258.36	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.98	45.84	46.83	46.22	1.16	ppb
Cobalt	59-2	26.37	26.04	26.21	26.21	0.63	ppb
Copper	63-2	323.44	321.31	327.19	323.98	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				93		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	61692.26	61484.70	62829.31	62002.09	1.17	ppb
Iron	57-2	60849.44	61507.84	62670.97	61676.08	1.50	ppb
Iron	54-2	61086.75	62428.96	62625.30	62047.01	1.35	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-15	Instrumnet Name :	P7
Client Sample ID :	MYD5A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:16:10	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	280.14	287.52	287.28	284.98	1.47	ppb
Lead	207-1	300.40	305.21	305.34	303.65	0.93	ppb
Lead	208-1	307.34	310.29	313.30	310.31	0.96	ppb
Lithium	6-1				84		%
Magnesium	24-2	14313.03	14049.63	14328.02	14230.23	1.10	ppb
Manganese	55-2	1450.42	1455.86	1494.33	1466.87	1.63	ppb
Molybdenum	94-1	13.86	14.53	14.10	14.16	2.38	ppb
Molybdenum	95-1	1.06	1.20	1.12	1.13	6.21	ppb
Molybdenum	96-1	2.79	3.11	3.08	2.99	6.00	ppb
Molybdenum	97-1	1.23	1.21	1.11	1.18	5.31	ppb
Molybdenum	98-1	1.14	1.07	1.07	1.09	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.82	43.30	43.66	43.59	0.61	ppb
Phosphorus	31-2	23067.67	22711.51	23354.22	23044.47	1.40	ppb
Potassium	39-2	10345.14	10515.82	10515.90	10458.95	0.94	ppb
Rhodium	103-1				84		%
Rhodium	103-2				85		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	2.48	1.29	2.56	2.11	33.60	ppb
Selenium	77-2	14.59	15.14	12.47	14.06	10.04	ppb
Selenium	78-2	2.83	4.84	4.64	4.10	26.90	ppb
Silicon	28-1	303.39	307.62	303.03	304.68	0.84	ppb
Silver	107-1	1.90	2.01	1.98	1.96	2.69	ppb
Silver	109-1	1.95	2.01	1.96	1.97	1.80	ppb
Sodium	23-2	149.24	147.89	148.10	148.41	0.49	ppb
Strontium	86-1	98.27	100.94	99.53	99.58	1.34	ppb
Strontium	88-1	98.45	99.96	98.95	99.12	0.78	ppb
Sulfur	34-1	-13.59	127.57	-45.01	22.99	399.83	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.23	0.24	0.25	0.24	3.69	ppb
Thallium	205-1	0.23	0.22	0.24	0.23	4.14	ppb
Tin	118-1	0.32	0.32	0.32	0.32	1.06	ppb
Titanium	47-1	602.90	614.42	605.67	607.67	0.99	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-15	Instrumnet Name :	P7
Client Sample ID :	MYD5A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:16:10	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.79	0.77	0.78	2.04	ppb
Vanadium	51-2	91.07	89.78	91.83	90.90	1.14	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%
Zinc	66-2	975.93	970.28	984.60	976.94	0.74	ppb
Zirconium	90-1	6.53	6.66	6.62	6.60	1.01	ppb
Zirconium	91-1	6.36	6.74	6.82	6.64	3.69	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-16	Instrumnet Name :	P7
Client Sample ID :	MYD5A2	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:19:25	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26258.78	26100.67	26102.40	26153.95	0.35	ppb
Antimony	121-1	1.99	2.04	1.93	1.99	2.62	ppb
Arsenic	75-2	51.97	51.62	50.05	51.21	1.99	ppb
Barium	135-1	270.81	276.80	271.19	272.93	1.23	ppb
Barium	137-1	277.11	276.88	276.90	276.96	0.05	ppb
Beryllium	9-1	1.25	1.39	1.28	1.30	5.66	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.94	2.11	2.42	2.16	11.28	ppb
Cadmium	106-1	2.60	2.17	2.74	2.50	11.85	ppb
Cadmium	111-1	1.79	1.65	1.95	1.80	8.30	ppb
Calcium	43-1	14748.69	14828.20	14855.46	14810.78	0.37	ppb
Calcium	44-1	13762.52	13881.47	14041.60	13895.19	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.80	55.20	55.92	55.64	0.69	ppb
Cobalt	59-2	29.85	30.36	30.22	30.14	0.89	ppb
Copper	63-2	220.45	222.22	223.94	222.21	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				84		%
Iron	56-2	64915.29	64806.48	65260.64	64994.14	0.36	ppb
Iron	57-2	64070.01	65182.86	65401.64	64884.84	1.10	ppb
Iron	54-2	65235.22	65342.38	65701.02	65426.21	0.37	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-16	Instrumnet Name :	P7
Client Sample ID :	MYD5A2	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:19:25	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	159.31	161.19	163.94	161.48	1.44	ppb
Lead	207-1	170.23	168.84	174.27	171.11	1.65	ppb
Lead	208-1	165.14	165.73	168.90	166.59	1.21	ppb
Lithium	6-1				82		%
Magnesium	24-2	11959.76	12009.55	12117.71	12029.01	0.67	ppb
Manganese	55-2	1286.82	1296.53	1313.69	1299.02	1.05	ppb
Molybdenum	94-1	13.82	14.03	14.27	14.04	1.61	ppb
Molybdenum	95-1	1.50	1.39	1.40	1.43	3.98	ppb
Molybdenum	96-1	3.31	3.32	3.28	3.30	0.53	ppb
Molybdenum	97-1	1.37	1.46	1.45	1.42	3.49	ppb
Molybdenum	98-1	1.33	1.46	1.41	1.40	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.77	48.14	49.12	48.34	1.44	ppb
Phosphorus	31-2	20555.91	20280.26	20227.06	20354.41	0.87	ppb
Potassium	39-2	6586.56	6581.26	6698.28	6622.03	1.00	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	82-1	1.52	1.08	2.32	1.64	38.58	ppb
Selenium	77-2	12.99	11.86	9.67	11.51	14.70	ppb
Selenium	78-2	4.53	2.28	3.35	3.39	33.23	ppb
Silicon	28-1	293.31	292.50	300.07	295.29	1.41	ppb
Silver	107-1	1.12	1.13	1.17	1.14	1.89	ppb
Silver	109-1	1.13	1.10	1.13	1.12	1.37	ppb
Sodium	23-2	263.69	260.99	260.25	261.64	0.69	ppb
Strontium	86-1	71.66	73.24	73.95	72.95	1.61	ppb
Strontium	88-1	72.12	73.66	74.60	73.46	1.71	ppb
Sulfur	34-1	-452.53	-488.75	-339.95	-427.08		ppb
Terbium	159-1				90		%
Terbium	159-2				90		%
Thallium	203-1	0.18	0.17	0.20	0.18	6.04	ppb
Thallium	205-1	0.18	0.18	0.19	0.18	3.96	ppb
Tin	118-1	0.40	0.40	0.42	0.41	2.97	ppb
Titanium	47-1	811.07	810.75	827.55	816.46	1.18	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-16	Instrumnet Name :	P7
Client Sample ID :	MYD5A2	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:19:25	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.74	0.81	0.78	4.32	ppb
Vanadium	51-2	125.64	126.70	129.23	127.19	1.45	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%
Zinc	66-2	408.51	409.97	414.98	411.15	0.82	ppb
Zirconium	90-1	6.30	6.38	6.44	6.37	1.12	ppb
Zirconium	91-1	6.27	6.39	6.51	6.39	1.83	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-17	Instrumnet Name :	P7
Client Sample ID :	MYD5A3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:22:40	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25891.53	26114.44	26027.85	26011.28	0.43	ppb
Antimony	121-1	2.31	2.44	2.37	2.37	2.85	ppb
Arsenic	75-2	63.94	64.20	66.00	64.71	1.73	ppb
Barium	135-1	263.48	272.15	267.01	267.55	1.63	ppb
Barium	137-1	270.39	275.38	272.13	272.63	0.93	ppb
Beryllium	9-1	1.20	1.24	1.32	1.25	4.98	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.23	3.63	2.41	2.76	27.64	ppb
Cadmium	106-1	2.19	2.49	1.60	2.09	21.80	ppb
Cadmium	111-1	1.87	1.69	1.76	1.78	5.19	ppb
Calcium	43-1	14270.75	14286.18	14404.79	14320.57	0.51	ppb
Calcium	44-1	13523.30	13667.64	13821.76	13670.90	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.12	55.33	54.84	54.77	1.11	ppb
Cobalt	59-2	35.22	35.69	35.83	35.58	0.90	ppb
Copper	63-2	230.05	233.75	228.59	230.80	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				89		%
Holmium	165-2				91		%
Indium	115-1				83		%
Indium	115-2				83		%
Iron	56-2	68683.43	69094.04	68797.44	68858.31	0.31	ppb
Iron	57-2	68210.64	69052.92	69031.54	68765.03	0.70	ppb
Iron	54-2	69061.44	70401.22	68885.34	69449.33	1.19	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-17	Instrumnet Name :	P7
Client Sample ID :	MYD5A3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:22:40	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	128.37	125.50	129.14	127.67	1.50	ppb
Lead	207-1	137.58	130.70	137.02	135.10	2.83	ppb
Lead	208-1	131.07	128.75	133.47	131.10	1.80	ppb
Lithium	6-1				81		%
Magnesium	24-2	12294.15	12291.43	12252.90	12279.49	0.19	ppb
Manganese	55-2	1251.79	1248.29	1252.36	1250.82	0.18	ppb
Molybdenum	94-1	19.40	19.97	19.53	19.64	1.53	ppb
Molybdenum	95-1	1.24	1.23	1.23	1.23	0.77	ppb
Molybdenum	96-1	3.75	3.60	3.70	3.68	2.12	ppb
Molybdenum	97-1	1.28	1.15	1.17	1.20	5.50	ppb
Molybdenum	98-1	1.20	1.24	1.28	1.24	3.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.96	49.60	48.81	49.46	1.19	ppb
Phosphorus	31-2	19593.17	21419.64	19995.39	20336.06	4.72	ppb
Potassium	39-2	4420.60	4466.93	4494.30	4460.61	0.84	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				80		%
Scandium	45-2				81		%
Selenium	82-1	1.50	1.03	0.46	1.00	51.94	ppb
Selenium	77-2	9.06	7.01	11.36	9.15	23.79	ppb
Selenium	78-2	1.42	3.39	3.41	2.74	41.65	ppb
Silicon	28-1	267.09	269.49	270.04	268.87	0.58	ppb
Silver	107-1	0.83	0.82	0.82	0.82	0.74	ppb
Silver	109-1	0.79	0.81	0.81	0.80	1.52	ppb
Sodium	23-2	400.81	407.90	403.81	404.17	0.88	ppb
Strontium	86-1	73.14	72.62	72.17	72.64	0.67	ppb
Strontium	88-1	71.77	72.47	72.96	72.40	0.83	ppb
Sulfur	34-1	-589.43	-451.80	-465.01	-502.08		ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.18	0.16	0.18	0.17	8.18	ppb
Thallium	205-1	0.18	0.17	0.19	0.18	4.09	ppb
Tin	118-1	1.10	1.13	1.14	1.12	1.79	ppb
Titanium	47-1	947.11	938.66	953.57	946.44	0.79	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-17	Instrumnet Name :	P7
Client Sample ID :	MYD5A3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:22:40	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.84	0.91	0.88	3.65	ppb
Vanadium	51-2	123.41	125.12	124.35	124.29	0.69	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%
Zinc	66-2	369.92	374.64	370.94	371.84	0.67	ppb
Zirconium	90-1	9.14	9.07	9.29	9.17	1.24	ppb
Zirconium	91-1	9.23	9.04	9.34	9.21	1.68	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-18	Instrumnet Name :	P7
Client Sample ID :	MYD5A4	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:25:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32853.27	32587.23	33367.27	32935.92	1.20	ppb
Antimony	121-1	3.15	3.13	3.12	3.14	0.49	ppb
Arsenic	75-2	79.90	76.83	82.37	79.70	3.48	ppb
Barium	135-1	372.04	364.38	365.18	367.20	1.15	ppb
Barium	137-1	376.75	366.15	367.83	370.24	1.54	ppb
Beryllium	9-1	1.56	1.42	1.50	1.49	4.42	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.98	3.61	3.37	3.65	8.43	ppb
Cadmium	106-1	3.73	4.25	3.42	3.80	11.00	ppb
Cadmium	111-1	2.83	2.71	2.71	2.75	2.56	ppb
Calcium	43-1	30898.39	29997.82	29816.22	30237.48	1.92	ppb
Calcium	44-1	29436.68	28309.03	28313.51	28686.41	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.28	59.73	59.03	59.35	0.60	ppb
Cobalt	59-2	29.97	30.63	30.87	30.49	1.52	ppb
Copper	63-2	302.85	300.81	304.80	302.82	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	70854.09	70006.60	70362.18	70407.62	0.60	ppb
Iron	57-2	70315.87	70425.24	69897.14	70212.75	0.40	ppb
Iron	54-2	70484.52	70152.29	69884.43	70173.74	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-18	Instrumnet Name :	P7
Client Sample ID :	MYD5A4	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:25:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	277.88	263.26	269.50	270.21	2.71	ppb
Lead	207-1	295.92	281.33	287.03	288.09	2.55	ppb
Lead	208-1	301.26	286.00	294.08	293.78	2.60	ppb
Lithium	6-1				82		%
Magnesium	24-2	15717.79	15837.66	15907.28	15820.91	0.61	ppb
Manganese	55-2	1339.78	1323.23	1310.65	1324.55	1.10	ppb
Molybdenum	94-1	18.18	17.50	17.23	17.64	2.78	ppb
Molybdenum	95-1	1.37	1.34	1.38	1.36	1.65	ppb
Molybdenum	96-1	3.68	3.46	3.50	3.55	3.32	ppb
Molybdenum	97-1	1.33	1.28	1.36	1.32	3.13	ppb
Molybdenum	98-1	1.34	1.30	1.26	1.30	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.80	51.81	51.41	51.67	0.44	ppb
Phosphorus	31-2	25104.68	24328.54	25172.13	24868.45	1.89	ppb
Potassium	39-2	8327.49	8484.42	8397.45	8403.12	0.94	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				82		%
Scandium	45-2				82		%
Selenium	82-1	1.81	1.61	1.76	1.72	6.07	ppb
Selenium	77-2	14.51	12.31	13.49	13.44	8.21	ppb
Selenium	78-2	3.68	2.86	5.92	4.15	38.23	ppb
Silicon	28-1	360.50	349.57	346.88	352.32	2.05	ppb
Silver	107-1	2.10	2.11	2.18	2.13	1.92	ppb
Silver	109-1	2.08	2.11	2.09	2.09	0.82	ppb
Sodium	23-2	473.13	476.94	476.04	475.37	0.42	ppb
Strontium	86-1	117.38	112.71	113.39	114.49	2.20	ppb
Strontium	88-1	116.58	114.50	112.63	114.57	1.72	ppb
Sulfur	34-1	475.38	330.94	239.77	348.70	34.07	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.28	0.24	0.23	0.25	9.81	ppb
Thallium	205-1	0.25	0.26	0.24	0.25	2.94	ppb
Tin	118-1	0.47	0.46	0.48	0.47	2.07	ppb
Titanium	47-1	941.01	916.91	908.63	922.18	1.82	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-18	Instrumnet Name :	P7
Client Sample ID :	MYD5A4	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:25:57	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.99	0.96	0.97	0.97	1.66	ppb
Vanadium	51-2	142.71	142.72	142.34	142.59	0.15	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%
Zinc	66-2	654.82	655.47	656.70	655.66	0.15	ppb
Zirconium	90-1	8.22	8.16	8.05	8.14	1.02	ppb
Zirconium	91-1	8.33	8.10	8.37	8.26	1.78	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:29:10	DataFile Name :	096CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48111.61	47619.46	47475.05	47735.37	0.70	ppb
Antimony	121-1	486.78	503.98	498.70	496.49	1.77	ppb
Arsenic	75-2	483.47	473.86	492.15	483.16	1.89	ppb
Barium	135-1	2507.27	2541.52	2532.35	2527.05	0.70	ppb
Barium	137-1	2520.80	2564.55	2527.31	2537.55	0.93	ppb
Beryllium	9-1	507.87	513.32	516.23	512.47	0.83	ppb
Bismuth	209-1				83		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	468.35	482.69	476.88	475.97	1.52	ppb
Cadmium	106-1	471.50	487.71	473.84	477.68	1.83	ppb
Cadmium	111-1	470.16	480.99	476.10	475.75	1.14	ppb
Calcium	43-1	243404.06	254922.86	254876.44	251067.79	2.64	ppb
Calcium	44-1	246652.91	253581.36	252301.98	250845.42	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	527.57	520.96	518.26	522.26	0.92	ppb
Cobalt	59-2	512.06	505.60	504.82	507.50	0.78	ppb
Copper	63-2	5063.77	4997.30	5012.47	5024.52	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				88		%
Holmium	165-2				90		%
Indium	115-1				70		%
Indium	115-2				69		%
Iron	56-2	129956.91	128800.95	127335.09	128697.65	1.02	ppb
Iron	57-2	130756.89	128306.06	126611.70	128558.22	1.62	ppb
Iron	54-2	130834.34	130043.88	127984.78	129621.00	1.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:29:10	DataFile Name :	096CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2609.23	2579.58	2579.62	2589.47	0.66	ppb
Lead	207-1	2551.14	2599.05	2616.70	2588.96	1.31	ppb
Lead	208-1	2570.97	2596.17	2603.86	2590.33	0.66	ppb
Lithium	6-1				79		%
Magnesium	24-2	242274.67	241000.41	235602.17	239625.75	1.48	ppb
Manganese	55-2	5162.96	5178.60	5082.34	5141.30	1.00	ppb
Molybdenum	94-1	5120.12	5219.24	5200.03	5179.80	1.01	ppb
Molybdenum	95-1	5122.89	5269.46	5178.11	5190.15	1.43	ppb
Molybdenum	96-1	5146.74	5251.55	5246.84	5215.05	1.14	ppb
Molybdenum	97-1	5166.91	5173.30	5193.14	5177.78	0.26	ppb
Molybdenum	98-1	5147.55	5201.64	5245.71	5198.30	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.95	503.99	499.02	503.99	0.98	ppb
Phosphorus	31-2	10380.17	10465.64	9993.47	10279.76	2.45	ppb
Potassium	39-2	122635.96	122299.58	120785.34	121906.96	0.81	ppb
Rhodium	103-1				75		%
Rhodium	103-2				75		%
Scandium	45-1				77		%
Scandium	45-2				79		%
Selenium	82-1	486.16	492.09	491.34	489.86	0.66	ppb
Selenium	77-2	499.20	477.54	471.79	482.84	2.99	ppb
Selenium	78-2	471.14	483.53	466.55	473.74	1.85	ppb
Silicon	28-1	608.89	615.63	605.72	610.08	0.83	ppb
Silver	107-1	479.75	491.53	478.53	483.27	1.49	ppb
Silver	109-1	474.68	483.62	475.19	477.83	1.05	ppb
Sodium	23-2	241302.98	239176.89	237837.07	239438.98	0.73	ppb
Strontium	86-1	12750.09	12981.77	12855.11	12862.32	0.90	ppb
Strontium	88-1	12732.63	12940.77	12951.74	12875.05	0.96	ppb
Sulfur	34-1	9413.74	9975.92	9929.21	9772.96	3.19	ppb
Terbium	159-1				87		%
Terbium	159-2				89		%
Thallium	203-1	522.43	526.95	524.20	524.53	0.43	ppb
Thallium	205-1	524.81	523.61	520.92	523.11	0.38	ppb
Tin	118-1	491.15	502.99	499.74	497.96	1.23	ppb
Titanium	47-1	5105.67	5254.22	5185.65	5181.84	1.43	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:29:10	DataFile Name :	096CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	539.63	541.27	535.99	538.96	0.50	ppb
Vanadium	51-2	536.49	533.84	528.63	532.99	0.75	ppb
Yttrium	89-1				80		%
Yttrium	89-2				83		%
Zinc	66-2	5015.55	4993.37	4950.10	4986.34	0.67	ppb
Zirconium	90-1	511.22	523.51	519.47	518.06	1.21	ppb
Zirconium	91-1	512.58	523.69	519.87	518.71	1.09	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:32:02	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.48	1.81	1.90	2.06	17.61	ppb
Antimony	121-1	0.21	0.22	0.24	0.22	5.96	ppb
Arsenic	75-2	0.11	0.05	0.01	0.06	89.49	ppb
Barium	135-1	0.04	0.06	0.01	0.04	58.05	ppb
Barium	137-1	0.05	0.04	0.03	0.04	28.82	ppb
Beryllium	9-1	0.10	0.11	0.14	0.12	18.46	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.09	-0.09	-0.09	-0.09		ppb
Cadmium	106-1	-1.94	-0.90	-0.92	-1.25		ppb
Cadmium	111-1	-0.08	-0.03	-0.03	-0.05		ppb
Calcium	43-1	7.05	9.71	4.69	7.15	35.17	ppb
Calcium	44-1	6.73	5.74	4.20	5.56	22.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.02	0.03	0.04	63.98	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	34.52	ppb
Copper	63-2	0.55	0.34	0.50	0.46	23.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	11.09	9.03	9.40	9.84	11.12	ppb
Iron	57-2	12.24	8.38	7.93	9.52	24.92	ppb
Iron	54-2	11.52	7.85	9.18	9.51	19.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:32:02	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.17	0.13	0.16	12.51	ppb
Lead	207-1	0.19	0.14	0.14	0.16	15.94	ppb
Lead	208-1	0.19	0.16	0.15	0.17	12.69	ppb
Lithium	6-1				87		%
Magnesium	24-2	7.54	5.74	6.93	6.74	13.56	ppb
Manganese	55-2	0.34	0.26	0.24	0.28	19.75	ppb
Molybdenum	94-1	0.30	0.26	0.23	0.26	11.67	ppb
Molybdenum	95-1	0.32	0.24	0.25	0.27	15.75	ppb
Molybdenum	96-1	0.28	0.22	0.27	0.25	12.70	ppb
Molybdenum	97-1	0.31	0.22	0.31	0.28	19.29	ppb
Molybdenum	98-1	0.29	0.24	0.27	0.27	10.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.04	-0.02		ppb
Phosphorus	31-2	-95.61	-197.25	-275.28	-189.38		ppb
Potassium	39-2	27.13	-1.79	3.41	9.58	160.85	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				82		%
Scandium	45-2				79		%
Selenium	82-1	-0.04	-0.18	0.00	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.33	0.54	1.11	0.66	60.66	ppb
Silicon	28-1	0.64	0.38	0.21	0.41	52.53	ppb
Silver	107-1	0.07	0.05	0.04	0.05	26.04	ppb
Silver	109-1	0.07	0.05	0.04	0.05	25.76	ppb
Sodium	23-2	41.69	30.93	29.37	34.00	19.73	ppb
Strontium	86-1	0.36	0.27	0.29	0.30	15.26	ppb
Strontium	88-1	0.38	0.29	0.25	0.31	22.49	ppb
Sulfur	34-1	-219.39	-87.32	-162.92	-156.55		ppb
Terbium	159-1				93		%
Terbium	159-2				89		%
Thallium	203-1	0.07	0.05	0.03	0.05	38.84	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	22.26	ppb
Tin	118-1	0.04	0.04	0.05	0.05	14.84	ppb
Titanium	47-1	0.17	0.11	0.20	0.16	29.64	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:32:02	DataFile Name :	097CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	16.87	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	19.65	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%
Zinc	66-2	0.58	0.44	0.31	0.44	30.97	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	9.90	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	25.86	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-19	Instrumnet Name :	P7
Client Sample ID :	MYD5A5	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:35:25	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39097.26	39361.52	38558.27	39005.68	1.05	ppb
Antimony	121-1	1.31	1.32	1.40	1.34	3.81	ppb
Arsenic	75-2	259.52	264.41	264.09	262.67	1.04	ppb
Barium	135-1	437.43	442.02	441.59	440.35	0.57	ppb
Barium	137-1	434.89	440.92	447.19	441.00	1.40	ppb
Beryllium	9-1	1.54	1.67	1.67	1.63	4.31	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.78	1.72	1.84	1.78	3.39	ppb
Cadmium	106-1	3.16	3.71	2.57	3.15	18.09	ppb
Cadmium	111-1	0.55	0.56	0.47	0.53	9.21	ppb
Calcium	43-1	23246.03	23023.87	23588.23	23286.04	1.22	ppb
Calcium	44-1	22265.74	21941.75	22106.07	22104.52	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146.94	147.28	144.11	146.11	1.19	ppb
Cobalt	59-2	66.32	67.41	65.83	66.52	1.22	ppb
Copper	63-2	159.38	162.34	158.26	159.99	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	135062.26	137205.15	134996.78	135754.73	0.93	ppb
Iron	57-2	132257.73	135950.92	133337.41	133848.69	1.42	ppb
Iron	54-2	135277.23	138195.87	132926.39	135466.50	1.95	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-19	Instrumnet Name :	P7
Client Sample ID :	MYD5A5	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:35:25	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.06	20.75	21.01	20.60	2.39	ppb
Lead	207-1	18.97	19.45	20.36	19.59	3.60	ppb
Lead	208-1	19.35	19.82	20.28	19.82	2.33	ppb
Lithium	6-1				89		%
Magnesium	24-2	21311.10	21648.21	21099.96	21353.09	1.30	ppb
Manganese	55-2	3441.21	3419.04	3335.61	3398.62	1.64	ppb
Molybdenum	94-1	26.34	26.02	26.86	26.41	1.61	ppb
Molybdenum	95-1	1.40	1.40	1.39	1.40	0.24	ppb
Molybdenum	96-1	5.04	5.08	5.26	5.13	2.37	ppb
Molybdenum	97-1	1.26	1.31	1.27	1.28	2.32	ppb
Molybdenum	98-1	1.28	1.24	1.36	1.29	4.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.69	129.10	124.79	126.53	1.80	ppb
Phosphorus	31-2	16614.75	17908.77	17008.98	17177.50	3.86	ppb
Potassium	39-2	5610.98	5661.63	5558.34	5610.32	0.92	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.29	0.18	1.27	0.39	206.76	ppb
Selenium	77-2	9.67	10.76	9.83	10.08	5.82	ppb
Selenium	78-2	3.27	2.57	2.03	2.62	23.87	ppb
Silicon	28-1	284.77	282.30	287.42	284.83	0.90	ppb
Silver	107-1	0.17	0.16	0.14	0.16	8.78	ppb
Silver	109-1	0.18	0.15	0.13	0.15	15.36	ppb
Sodium	23-2	150.02	154.20	147.62	150.61	2.21	ppb
Strontium	86-1	71.12	70.50	72.69	71.43	1.58	ppb
Strontium	88-1	70.22	69.85	71.14	70.40	0.95	ppb
Sulfur	34-1	-812.73	-1054.51	-931.40	-932.88		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.30	0.30	0.32	0.31	3.53	ppb
Thallium	205-1	0.29	0.28	0.29	0.29	2.02	ppb
Tin	118-1	0.23	0.24	0.25	0.24	3.88	ppb
Titanium	47-1	671.11	664.31	683.09	672.84	1.41	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-19	Instrumnet Name :	P7
Client Sample ID :	MYD5A5	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:35:25	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.85	0.91	0.87	3.53	ppb
Vanadium	51-2	297.39	301.82	294.61	297.94	1.22	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	193.46	198.37	191.67	194.50	1.78	ppb
Zirconium	90-1	12.93	12.83	13.00	12.92	0.68	ppb
Zirconium	91-1	12.73	12.96	12.89	12.86	0.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-20	Instrumnet Name :	P7
Client Sample ID :	MYD5A6	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:38:43	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	61142.42	62093.00	61181.15	61472.19	0.88	ppb
Antimony	121-1	1.71	1.67	1.67	1.69	1.39	ppb
Arsenic	75-2	506.75	500.78	508.53	505.35	0.80	ppb
Barium	135-1	384.07	386.81	382.93	384.60	0.52	ppb
Barium	137-1	386.62	389.21	388.55	388.13	0.35	ppb
Beryllium	9-1	1.43	1.50	1.46	1.47	2.12	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	1.98	2.12	2.04	3.53	ppb
Cadmium	106-1	3.12	2.81	2.45	2.79	12.16	ppb
Cadmium	111-1	0.97	0.90	0.83	0.90	7.68	ppb
Calcium	43-1	11046.27	11235.12	11430.93	11237.44	1.71	ppb
Calcium	44-1	10431.09	10675.59	10895.79	10667.49	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231.42	235.00	233.84	233.42	0.78	ppb
Cobalt	59-2	74.49	74.76	74.58	74.61	0.19	ppb
Copper	63-2	194.11	195.73	196.48	195.44	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				93		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				84		%
Iron	56-2	152841.88	156400.65	154731.58	154658.04	1.15	ppb
Iron	57-2	150187.86	151244.27	153675.82	151702.65	1.18	ppb
Iron	54-2	152813.98	155415.58	153196.92	153808.83	0.91	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-20	Instrumnet Name :	P7
Client Sample ID :	MYD5A6	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:38:43	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.83	30.97	31.11	30.97	0.44	ppb
Lead	207-1	29.16	29.95	29.92	29.68	1.52	ppb
Lead	208-1	29.64	30.12	30.23	30.00	1.05	ppb
Lithium	6-1				87		%
Magnesium	24-2	37590.25	38267.56	38574.59	38144.13	1.32	ppb
Manganese	55-2	2869.12	2928.13	2877.73	2891.66	1.10	ppb
Molybdenum	94-1	25.84	26.96	26.23	26.34	2.16	ppb
Molybdenum	95-1	1.61	1.70	1.65	1.65	2.81	ppb
Molybdenum	96-1	5.57	5.42	5.68	5.55	2.33	ppb
Molybdenum	97-1	1.70	1.78	1.70	1.73	2.85	ppb
Molybdenum	98-1	1.68	1.56	1.56	1.60	4.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	146.18	148.44	147.32	147.31	0.77	ppb
Phosphorus	31-2	18930.59	19385.24	17999.36	18771.73	3.76	ppb
Potassium	39-2	5457.98	5974.75	5490.80	5641.18	5.13	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.75	0.29	0.85	0.63	47.63	ppb
Selenium	77-2	15.75	11.01	11.81	12.86	19.74	ppb
Selenium	78-2	1.96	2.11	1.77	1.95	8.54	ppb
Silicon	28-1	265.56	270.29	273.63	269.83	1.50	ppb
Silver	107-1	0.24	0.22	0.19	0.22	10.28	ppb
Silver	109-1	0.22	0.21	0.21	0.21	1.61	ppb
Sodium	23-2	148.51	154.24	149.76	150.84	2.00	ppb
Strontium	86-1	64.76	66.96	65.14	65.62	1.79	ppb
Strontium	88-1	64.89	65.71	65.12	65.24	0.65	ppb
Sulfur	34-1	-1316.10	-1323.53	-1170.20	-1269.94		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.24	0.23	0.21	0.22	6.91	ppb
Thallium	205-1	0.22	0.21	0.24	0.22	5.47	ppb
Tin	118-1	0.23	0.24	0.25	0.24	2.69	ppb
Titanium	47-1	615.19	624.61	633.59	624.46	1.47	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-20	Instrumnet Name :	P7
Client Sample ID :	MYD5A6	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:38:43	DataFile Name :	099SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.07	1.09	1.07	2.06	ppb
Vanadium	51-2	329.44	332.45	330.94	330.94	0.45	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	247.14	253.80	252.05	251.00	1.38	ppb
Zirconium	90-1	12.39	12.72	12.38	12.49	1.55	ppb
Zirconium	91-1	12.23	12.64	12.48	12.45	1.66	ppb

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-21	Instrumnet Name :	P7
Client Sample ID :	MYD5A7	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:41:58	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55288.21	54777.21	55355.67	55140.37	0.57	ppb
Antimony	121-1	1.43	1.51	1.52	1.49	3.50	ppb
Arsenic	75-2	146.18	144.49	148.89	146.52	1.52	ppb
Barium	135-1	606.75	646.46	646.47	633.23	3.62	ppb
Barium	137-1	625.10	661.66	651.26	646.01	2.92	ppb
Beryllium	9-1	2.15	2.04	2.04	2.08	2.96	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.88	2.55	2.02	2.15	16.46	ppb
Cadmium	106-1	4.23	5.65	4.15	4.68	18.08	ppb
Cadmium	111-1	0.75	0.81	0.75	0.77	4.34	ppb
Calcium	43-1	18225.31	18603.63	18645.61	18491.52	1.25	ppb
Calcium	44-1	17502.69	17620.90	17552.02	17558.54	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.96	147.74	147.01	146.90	0.61	ppb
Cobalt	59-2	75.99	76.46	77.20	76.55	0.80	ppb
Copper	63-2	143.77	144.41	145.32	144.50	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				82		%
Iron	56-2	127518.44	128943.61	128463.62	128308.55	0.57	ppb
Iron	57-2	124790.20	127179.87	125333.54	125767.87	1.00	ppb
Iron	54-2	127334.14	127653.40	128444.71	127810.75	0.45	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-21	Instrumnet Name :	P7
Client Sample ID :	MYD5A7	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:41:58	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.48	27.14	26.92	26.85	1.24	ppb
Lead	207-1	25.93	26.24	25.56	25.91	1.31	ppb
Lead	208-1	25.86	26.57	26.31	26.25	1.38	ppb
Lithium	6-1				84		%
Magnesium	24-2	26663.14	26985.44	27072.23	26906.94	0.80	ppb
Manganese	55-2	4201.51	4246.20	4223.84	4223.85	0.53	ppb
Molybdenum	94-1	44.16	45.41	45.38	44.98	1.59	ppb
Molybdenum	95-1	1.32	1.32	1.38	1.34	2.46	ppb
Molybdenum	96-1	6.76	6.95	7.08	6.93	2.35	ppb
Molybdenum	97-1	1.26	1.38	1.42	1.35	5.84	ppb
Molybdenum	98-1	1.20	1.24	1.29	1.24	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.96	141.62	143.04	141.87	0.75	ppb
Phosphorus	31-2	23152.85	23338.24	22831.37	23107.49	1.11	ppb
Potassium	39-2	9463.25	9527.55	9668.65	9553.15	1.10	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	-0.63	1.11	0.30	0.26	332.55	ppb
Selenium	77-2	14.41	19.69	16.81	16.97	15.58	ppb
Selenium	78-2	4.57	2.82	6.61	4.67	40.68	ppb
Silicon	28-1	243.10	242.15	240.78	242.01	0.48	ppb
Silver	107-1	0.14	0.16	0.17	0.16	9.24	ppb
Silver	109-1	0.12	0.16	0.15	0.14	13.46	ppb
Sodium	23-2	142.66	145.63	144.67	144.32	1.05	ppb
Strontium	86-1	85.05	86.46	85.83	85.78	0.83	ppb
Strontium	88-1	84.79	86.64	86.64	86.02	1.24	ppb
Sulfur	34-1	-1066.71	-1080.85	-1013.00	-1053.52		ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	0.41	0.42	0.42	0.42	1.61	ppb
Thallium	205-1	0.40	0.42	0.39	0.40	3.11	ppb
Tin	118-1	0.26	0.28	0.28	0.27	2.89	ppb
Titanium	47-1	976.82	992.34	989.62	986.26	0.84	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-21	Instrumnet Name :	P7
Client Sample ID :	MYD5A7	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:41:58	DataFile Name :	100SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.08	1.08	1.07	1.31	ppb
Vanadium	51-2	230.10	232.92	232.90	231.97	0.70	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	209.06	209.77	214.41	211.08	1.37	ppb
Zirconium	90-1	21.64	21.89	22.13	21.89	1.12	ppb
Zirconium	91-1	21.89	21.87	21.95	21.90	0.19	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-22	Instrumnet Name :	P7
Client Sample ID :	MYD5A8	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:45:16	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73926.51	53656.69	57133.19	61572.13	17.60	ppb
Antimony	121-1	1.37	1.36	1.41	1.38	1.73	ppb
Arsenic	75-2	220.52	158.91	165.24	181.55	18.67	ppb
Barium	135-1	558.68	549.79	558.66	555.71	0.92	ppb
Barium	137-1	558.55	549.22	567.40	558.39	1.63	ppb
Beryllium	9-1	2.14	2.22	2.04	2.13	4.45	ppb
Bismuth	209-1				87		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.94	5.29	5.98	5.74	6.75	ppb
Cadmium	106-1	6.24	5.91	8.98	7.05	23.91	ppb
Cadmium	111-1	4.19	3.84	4.27	4.10	5.53	ppb
Calcium	43-1	34479.37	34404.35	35860.89	34914.87	2.35	ppb
Calcium	44-1	32662.70	32383.74	33235.19	32760.54	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	250.74	182.16	196.45	209.78	17.25	ppb
Cobalt	59-2	88.34	64.54	69.29	74.06	17.01	ppb
Copper	63-2	184.84	135.47	145.91	155.40	16.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				85		%
Indium	115-1				82		%
Indium	115-2				77		%
Iron	56-2	176104.60	128851.37	137959.47	147638.48	16.98	ppb
Iron	57-2	172236.25	126358.81	135630.26	144741.77	16.76	ppb
Iron	54-2	176525.97	128651.74	137373.49	147517.07	17.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-22	Instrumnet Name :	P7
Client Sample ID :	MYD5A8	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:45:16	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.19	28.55	28.50	28.08	2.74	ppb
Lead	207-1	25.75	27.47	27.25	26.83	3.50	ppb
Lead	208-1	26.38	27.50	27.76	27.21	2.71	ppb
Lithium	6-1				82		%
Magnesium	24-2	39025.16	28442.07	30657.16	32708.13	17.07	ppb
Manganese	55-2	4392.48	3206.31	3398.38	3665.72	17.37	ppb
Molybdenum	94-1	48.79	49.50	49.80	49.36	1.04	ppb
Molybdenum	95-1	1.24	1.34	1.32	1.30	3.87	ppb
Molybdenum	96-1	7.45	7.54	7.62	7.54	1.12	ppb
Molybdenum	97-1	1.28	1.29	1.23	1.26	2.38	ppb
Molybdenum	98-1	1.27	1.33	1.26	1.28	3.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	207.84	151.67	162.42	173.98	17.14	ppb
Phosphorus	31-2	27341.90	19973.96	20935.34	22750.40	17.61	ppb
Potassium	39-2	8700.24	6244.33	6788.91	7244.49	17.80	ppb
Rhodium	103-1				80		%
Rhodium	103-2				76		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	0.84	0.50	0.27	0.53	53.24	ppb
Selenium	77-2	25.19	16.65	18.71	20.18	22.09	ppb
Selenium	78-2	6.30	4.10	2.07	4.15	50.94	ppb
Silicon	28-1	321.08	327.19	335.75	328.01	2.25	ppb
Silver	107-1	0.16	0.15	0.17	0.16	5.89	ppb
Silver	109-1	0.14	0.13	0.17	0.15	13.42	ppb
Sodium	23-2	210.16	154.23	163.49	175.96	17.04	ppb
Strontium	86-1	91.18	93.63	92.16	92.32	1.33	ppb
Strontium	88-1	90.08	92.20	92.97	91.75	1.63	ppb
Sulfur	34-1	-1003.97	-1104.56	-880.13	-996.22		ppb
Terbium	159-1				88		%
Terbium	159-2				84		%
Thallium	203-1	0.34	0.36	0.38	0.36	5.49	ppb
Thallium	205-1	0.34	0.37	0.38	0.36	5.53	ppb
Tin	118-1	0.32	0.33	0.34	0.33	2.39	ppb
Titanium	47-1	1151.63	1165.40	1192.82	1169.95	1.79	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-22	Instrumnet Name :	P7
Client Sample ID :	MYD5A8	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:45:16	DataFile Name :	101SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	1.05	1.06	1.04	3.16	ppb
Vanadium	51-2	331.70	242.31	258.70	277.57	17.14	ppb
Yttrium	89-1				89		%
Yttrium	89-2				86		%
Zinc	66-2	274.39	198.73	216.41	229.84	17.22	ppb
Zirconium	90-1	23.97	24.60	24.05	24.21	1.42	ppb
Zirconium	91-1	23.47	24.57	24.10	24.05	2.30	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:48:29	DataFile Name :	102CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48371.19	49178.05	47999.96	48516.40	1.24	ppb
Antimony	121-1	491.94	493.18	505.18	496.77	1.47	ppb
Arsenic	75-2	480.24	485.04	489.57	484.95	0.96	ppb
Barium	135-1	2522.26	2523.69	2575.32	2540.42	1.19	ppb
Barium	137-1	2507.95	2513.87	2554.85	2525.55	1.01	ppb
Beryllium	9-1	510.30	517.80	518.17	515.42	0.86	ppb
Bismuth	209-1				82		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	472.78	473.95	480.87	475.87	0.92	ppb
Cadmium	106-1	471.57	467.46	480.90	473.31	1.46	ppb
Cadmium	111-1	467.35	469.76	481.02	472.71	1.54	ppb
Calcium	43-1	253282.35	254302.60	255878.16	254487.70	0.51	ppb
Calcium	44-1	248358.43	251850.24	253399.86	251202.84	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	526.26	524.88	520.99	524.04	0.52	ppb
Cobalt	59-2	511.24	512.43	507.95	510.54	0.45	ppb
Copper	63-2	5079.47	5072.32	5025.79	5059.19	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				87		%
Holmium	165-2				89		%
Indium	115-1				69		%
Indium	115-2				67		%
Iron	56-2	129289.57	130715.50	129583.54	129862.87	0.58	ppb
Iron	57-2	128655.01	131676.03	128779.50	129703.51	1.32	ppb
Iron	54-2	131031.83	130878.64	131746.33	131218.93	0.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:48:29	DataFile Name :	102CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2599.62	2595.71	2662.86	2619.40	1.44	ppb
Lead	207-1	2596.60	2597.75	2635.46	2609.94	0.85	ppb
Lead	208-1	2588.92	2626.19	2623.54	2612.88	0.80	ppb
Lithium	6-1				77		%
Magnesium	24-2	243320.64	242848.62	242093.53	242754.27	0.25	ppb
Manganese	55-2	5203.57	5135.85	5146.64	5162.02	0.70	ppb
Molybdenum	94-1	5203.56	5232.94	5223.08	5219.86	0.29	ppb
Molybdenum	95-1	5160.67	5273.26	5222.18	5218.70	1.08	ppb
Molybdenum	96-1	5148.43	5212.29	5246.54	5202.42	0.96	ppb
Molybdenum	97-1	5090.19	5187.93	5276.80	5184.98	1.80	ppb
Molybdenum	98-1	5186.52	5239.30	5278.41	5234.74	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.93	509.41	499.64	504.66	0.97	ppb
Phosphorus	31-2	9722.53	10310.28	9754.04	9928.95	3.33	ppb
Potassium	39-2	122872.99	123487.95	122958.73	123106.56	0.27	ppb
Rhodium	103-1				74		%
Rhodium	103-2				73		%
Scandium	45-1				75		%
Scandium	45-2				77		%
Selenium	82-1	485.97	486.76	487.00	486.58	0.11	ppb
Selenium	77-2	498.90	468.53	489.80	485.74	3.21	ppb
Selenium	78-2	458.42	459.34	492.83	470.20	4.17	ppb
Silicon	28-1	612.08	610.59	605.51	609.39	0.56	ppb
Silver	107-1	477.54	473.88	488.55	479.99	1.59	ppb
Silver	109-1	466.16	473.87	483.05	474.36	1.78	ppb
Sodium	23-2	243617.47	243590.88	243483.81	243564.05	0.03	ppb
Strontium	86-1	12864.41	13056.49	12956.46	12959.12	0.74	ppb
Strontium	88-1	12787.83	12887.17	13021.53	12898.84	0.91	ppb
Sulfur	34-1	9743.16	10077.56	9963.91	9928.21	1.71	ppb
Terbium	159-1				86		%
Terbium	159-2				88		%
Thallium	203-1	522.47	525.50	529.67	525.88	0.69	ppb
Thallium	205-1	524.25	532.86	527.40	528.17	0.82	ppb
Tin	118-1	490.91	493.31	506.62	496.95	1.70	ppb
Titanium	47-1	5083.10	5173.21	5138.67	5131.66	0.89	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:48:29	DataFile Name :	102CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	536.41	543.65	545.58	541.88	0.89	ppb
Vanadium	51-2	535.57	536.95	531.75	534.76	0.50	ppb
Yttrium	89-1				79		%
Yttrium	89-2				82		%
Zinc	66-2	5046.65	5049.82	5019.96	5038.81	0.33	ppb
Zirconium	90-1	513.50	516.19	512.63	514.11	0.36	ppb
Zirconium	91-1	515.16	517.94	522.10	518.40	0.67	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:51:22	DataFile Name :	103CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.26	3.18	2.58	2.67	17.57	ppb
Antimony	121-1	0.22	0.24	0.26	0.24	7.82	ppb
Arsenic	75-2	0.04	0.14	0.04	0.07	77.77	ppb
Barium	135-1	0.09	0.04	0.08	0.07	36.66	ppb
Barium	137-1	0.10	0.05	0.06	0.07	42.88	ppb
Beryllium	9-1	0.22	0.16	0.13	0.17	26.40	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.09	0.09	-0.09	-0.03		ppb
Cadmium	106-1	-0.55	-1.87	-2.61	-1.68		ppb
Cadmium	111-1	0.00	-0.09	-0.16	-0.09		ppb
Calcium	43-1	11.27	9.54	5.97	8.93	30.27	ppb
Calcium	44-1	9.66	8.83	7.90	8.80	9.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.04	0.05	0.04	10.84	ppb
Cobalt	59-2	0.03	0.04	0.02	0.03	36.57	ppb
Copper	63-2	0.41	0.31	0.41	0.38	16.16	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				92		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	13.09	12.39	12.93	12.80	2.85	ppb
Iron	57-2	10.92	12.52	10.00	11.15	11.43	ppb
Iron	54-2	12.07	12.54	12.43	12.35	1.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:51:22	DataFile Name :	103CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.18	0.17	0.19	9.11	ppb
Lead	207-1	0.19	0.17	0.15	0.17	11.96	ppb
Lead	208-1	0.19	0.17	0.16	0.17	9.29	ppb
Lithium	6-1				85		%
Magnesium	24-2	7.01	7.95	7.42	7.46	6.30	ppb
Manganese	55-2	0.40	0.36	0.42	0.39	7.36	ppb
Molybdenum	94-1	0.37	0.31	0.31	0.33	10.73	ppb
Molybdenum	95-1	0.37	0.35	0.32	0.35	7.55	ppb
Molybdenum	96-1	0.40	0.29	0.31	0.34	17.32	ppb
Molybdenum	97-1	0.30	0.33	0.34	0.32	5.54	ppb
Molybdenum	98-1	0.40	0.30	0.33	0.34	14.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.01	-0.02	0.01	665.46	ppb
Phosphorus	31-2	-160.08	-229.19	-205.40	-198.22		ppb
Potassium	39-2	9.34	4.18	8.77	7.43	38.07	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				81		%
Scandium	45-2				81		%
Selenium	82-1	0.51	-0.31	0.17	0.12	332.83	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.77	-0.31	0.37	-0.24		ppb
Silicon	28-1	0.78	0.56	0.41	0.59	31.22	ppb
Silver	107-1	0.07	0.05	0.04	0.05	27.39	ppb
Silver	109-1	0.06	0.06	0.04	0.05	22.92	ppb
Sodium	23-2	35.43	32.30	30.85	32.86	7.12	ppb
Strontium	86-1	0.51	0.56	0.35	0.48	22.80	ppb
Strontium	88-1	0.58	0.44	0.42	0.48	18.30	ppb
Sulfur	34-1	-99.97	-83.93	-100.53	-94.81		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.05	0.04	0.06	43.35	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	15.85	ppb
Tin	118-1	0.05	0.05	0.06	0.05	8.15	ppb
Titanium	47-1	0.23	0.41	0.31	0.31	29.00	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:51:22	DataFile Name :	103CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	12.72	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	18.98	ppb
Yttrium	89-1				84		%
Yttrium	89-2				87		%
Zinc	66-2	0.53	0.55	0.43	0.50	11.89	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	2.15	ppb
Zirconium	91-1	0.04	0.04	0.05	0.04	21.02	ppb

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:24:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	70	97	86	16.22	cps
Antimony	121-1	37	37	73	49	43.29	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	117	110	120	116	4.41	cps
Barium	137-1	197	147	197	180	16.04	cps
Beryllium	9-1	70	60	83	71	16.45	cps
Bismuth	209-1	3466447	3290856	3649488	3468930	5.17	cps
Bismuth	209-2	2479854	2446922	2483067	2469948	0.81	cps
Bromine	81-1	7535	7595	7145	7425	3.29	cps
Bromine	81-2	53	23	53	43	39.97	cps
Cadmium	108-1	10	10	7	9	21.63	cps
Cadmium	106-1	2124	1820	1967	1970	7.70	cps
Cadmium	111-1	1486	1274	1372	1377	7.72	cps
Calcium	43-1	200	140	147	162	20.27	cps
Calcium	44-1	2834	2787	3004	2875	3.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	277	233	260	257	8.52	cps
Cobalt	59-2	103	87	133	108	21.94	cps
Copper	63-2	487	543	357	462	20.71	cps
Dysprosium	156-1	1233	1320	1287	1280	3.42	cps
Dysprosium	156-2	243	200	293	246	19.02	cps
Erbium	164-1	27	13	40	27	50.01	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	10	3	17	10	66.70	cps
Gadolinium	160-2	180	153	167	167	8.00	cps
Holmium	165-1	5459452	5112353	5724542	5432116	5.65	cps
Holmium	165-2	3456961	3450841	3461822	3456541	0.16	cps
Indium	115-1	4122219	3804520	4224418	4050386	5.41	cps
Indium	115-2	1258482	1250658	1259806	1256315	0.39	cps
Iron	56-2	7759	7802	7602	7721	1.36	cps
Iron	57-2	613	657	657	642	3.90	cps
Iron	54-2	1117	1133	1053	1101	3.83	cps
Krypton	83-1	60	93	103	86	26.52	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:24:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	250	200	227	226	11.09	cps
Lead	207-1	220	233	133	196	27.76	cps
Lead	208-1	863	880	817	853	3.85	cps
Lithium	6-1	986388	853653	935666	925236	7.24	cps
Magnesium	24-2	1477	1497	1570	1515	3.24	cps
Manganese	55-2	427	513	380	440	15.38	cps
Molybdenum	94-1	83	97	83	88	8.77	cps
Molybdenum	95-1	30	23	53	36	44.31	cps
Molybdenum	96-1	80	120	77	92	26.15	cps
Molybdenum	97-1	3	27	53	28	90.07	cps
Molybdenum	98-1	30	57	23	37	48.11	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	107	80	57	81	30.84	cps
Phosphorus	31-2	117	123	123	121	3.18	cps
Potassium	39-2	33507	33043	32916	33155	0.94	cps
Rhodium	103-1	3580899	3338024	3825284	3581402	6.80	cps
Rhodium	103-2	1985202	1974224	1981614	1980346	0.28	cps
Scandium	45-1	2089642	1962352	2193177	2081724	5.55	cps
Scandium	45-2	180662	180049	180690	180467	0.20	cps
Selenium	82-1	170	139	151	153	10.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	97	80	97	91	10.56	cps
Silicon	28-1	140479	143732	142565	142259	1.16	cps
Silver	107-1	60	73	33	56	36.66	cps
Silver	109-1	27	23	30	27	12.51	cps
Sodium	23-2	6381	6732	6291	6468	3.60	cps
Strontium	86-1	150	123	117	130	13.57	cps
Strontium	88-1	93	103	120	106	12.76	cps
Sulfur	34-1	129554	128989	127893	128812	0.66	cps
Terbium	159-1	5500271	5206730	5866554	5524519	5.98	cps
Terbium	159-2	3385193	3466610	3376837	3409546	1.45	cps
Thallium	203-1	113	130	100	114	13.13	cps
Thallium	205-1	270	243	190	234	17.38	cps
Tin	118-1	893	800	863	852	5.59	cps
Titanium	47-1	103	110	87	100	12.02	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:24:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	17	10	57.72	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Yttrium	89-1	6569527	6174627	6975169	6573108	6.09	cps
Yttrium	89-2	1552625	1570118	1575417	1566054	0.76	cps
Zinc	66-2	43	67	73	61	25.78	cps
Zirconium	90-1	223	217	237	226	4.51	cps
Zirconium	91-1	50	57	40	49	17.16	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:28:06	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2447	2517	2617	2527	3.38	cps
Antimony	121-1	11174	11571	11755	11500	2.58	cps
Arsenic	75-2	217	233	250	233	7.14	cps
Barium	135-1	14788	14851	15238	14959	1.63	cps
Barium	137-1	25590	26187	25920	25899	1.16	cps
Beryllium	9-1	1061	1137	1247	1148	8.17	cps
Bismuth	209-1	3436228	3483367	3453273	3457622	0.69	cps
Bismuth	209-2	2571385	2503410	2555765	2543520	1.40	cps
Bromine	81-1	7349	7038	7359	7249	2.51	cps
Bromine	81-2	33	60	43	46	29.58	cps
Cadmium	108-1	110	100	130	113	13.48	cps
Cadmium	106-1	2080	2160	1987	2076	4.18	cps
Cadmium	111-1	2726	2842	2700	2756	2.75	cps
Calcium	43-1	8009	7892	7769	7890	1.52	cps
Calcium	44-1	127298	129638	127225	128053	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4194	4464	4197	4285	3.62	cps
Cobalt	59-2	3234	3204	3357	3265	2.49	cps
Copper	63-2	4474	4424	4494	4464	0.81	cps
Dysprosium	156-1	1250	1173	1303	1242	5.26	cps
Dysprosium	156-2	240	227	260	242	6.93	cps
Erbium	164-1	13	23	20	19	26.96	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	23	20	17	20	16.65	cps
Gadolinium	160-2	147	207	197	183	17.53	cps
Holmium	165-1	5441018	5510675	5448529	5466741	0.70	cps
Holmium	165-2	3534414	3557613	3571987	3554671	0.53	cps
Indium	115-1	4063152	4112815	4111370	4095779	0.69	cps
Indium	115-2	1278841	1277685	1277165	1277897	0.07	cps
Iron	56-2	102321	100111	102178	101536	1.22	cps
Iron	57-2	2980	2977	3104	3020	2.39	cps
Iron	54-2	6138	6278	6225	6214	1.14	cps
Krypton	83-1	93	73	83	83	12.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:28:06	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4741	4431	4557	4576	3.41	cps
Lead	207-1	3924	4184	3871	3993	4.20	cps
Lead	208-1	18228	18205	18202	18212	0.08	cps
Lithium	6-1	985343	999522	997682	994182	0.78	cps
Magnesium	24-2	110479	111147	110033	110553	0.51	cps
Manganese	55-2	2167	2060	2097	2108	2.57	cps
Molybdenum	94-1	10817	10791	10958	10855	0.83	cps
Molybdenum	95-1	13103	13570	13476	13383	1.85	cps
Molybdenum	96-1	14844	14557	14564	14655	1.12	cps
Molybdenum	97-1	8139	8486	8566	8397	2.70	cps
Molybdenum	98-1	21025	22063	22484	21858	3.44	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	823	817	717	786	7.61	cps
Phosphorus	31-2	247	287	330	288	14.48	cps
Potassium	39-2	159304	157986	158848	158713	0.42	cps
Rhodium	103-1	3616358	3638149	3659519	3638008	0.59	cps
Rhodium	103-2	1983637	1977532	1970863	1977344	0.32	cps
Scandium	45-1	2114629	2112246	2141746	2122873	0.77	cps
Scandium	45-2	183091	183003	182478	182857	0.18	cps
Selenium	82-1	526	564	555	548	3.55	cps
Selenium	77-2	47	47	50	48	4.02	cps
Selenium	78-2	220	193	247	220	12.12	cps
Silicon	28-1	156136	158253	161078	158489	1.56	cps
Silver	107-1	6375	6288	6712	6458	3.46	cps
Silver	109-1	6135	6298	6448	6294	2.49	cps
Sodium	23-2	181833	179331	176866	179343	1.38	cps
Strontium	86-1	1897	1927	1993	1939	2.55	cps
Strontium	88-1	15842	16219	15668	15910	1.77	cps
Sulfur	34-1	129624	129100	129950	129558	0.33	cps
Terbium	159-1	5591847	5663481	5593293	5616207	0.73	cps
Terbium	159-2	3458967	3513026	3500558	3490851	0.81	cps
Thallium	203-1	5681	5525	5491	5566	1.82	cps
Thallium	205-1	12869	12910	12789	12856	0.48	cps
Tin	118-1	24144	23743	23860	23915	0.86	cps
Titanium	47-1	3440	3390	3597	3476	3.10	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:28:06	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17228	17108	17295	17210	0.55	cps
Vanadium	51-2	8663	8809	8933	8802	1.54	cps
Yttrium	89-1	6565011	6631360	6638647	6611673	0.61	cps
Yttrium	89-2	1586841	1587465	1600194	1591500	0.47	cps
Zinc	66-2	1710	1867	1797	1791	4.38	cps
Zirconium	90-1	9110	9233	9590	9311	2.68	cps
Zirconium	91-1	1827	2177	1887	1963	9.53	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:31:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120807	119592	119497	119965	0.61	cps
Antimony	121-1	270380	273859	270742	271660	0.70	cps
Arsenic	75-2	11668	11825	11785	11759	0.69	cps
Barium	135-1	355857	356442	358927	357075	0.46	cps
Barium	137-1	621475	615295	620551	619107	0.54	cps
Beryllium	9-1	56409	57026	56846	56760	0.56	cps
Bismuth	209-1	3044421	3594357	3496707	3378495	8.68	cps
Bismuth	209-2	2529781	2542364	2557700	2543281	0.55	cps
Bromine	81-1	6892	7235	6915	7014	2.74	cps
Bromine	81-2	37	43	30	37	18.18	cps
Cadmium	108-1	5324	5138	5051	5171	2.70	cps
Cadmium	106-1	9106	9326	9033	9155	1.67	cps
Cadmium	111-1	69417	69631	70136	69728	0.53	cps
Calcium	43-1	79889	80760	80897	80515	0.68	cps
Calcium	44-1	1154529	1245132	1248274	1215978	4.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96399	94949	96113	95820	0.80	cps
Cobalt	59-2	145944	145400	143458	144934	0.90	cps
Copper	63-2	1002039	997824	994121	997995	0.40	cps
Dysprosium	156-1	1240	1217	1300	1252	3.43	cps
Dysprosium	156-2	220	267	260	249	10.14	cps
Erbium	164-1	23	33	27	28	18.33	cps
Erbium	164-2	17	20	13	17	20.01	cps
Gadolinium	160-1	23	27	27	26	7.55	cps
Gadolinium	160-2	180	153	173	169	8.22	cps
Holmium	165-1	4704786	5567730	5474703	5249073	9.02	cps
Holmium	165-2	3537121	3557976	3579307	3558134	0.59	cps
Indium	115-1	3420720	4128624	4021672	3857005	9.89	cps
Indium	115-2	1259351	1259575	1254975	1257967	0.21	cps
Iron	56-2	4130673	4081021	4063449	4091714	0.85	cps
Iron	57-2	109975	110976	109079	110010	0.86	cps
Iron	54-2	246330	243003	243691	244341	0.72	cps
Krypton	83-1	103	90	80	91	12.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:31:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1033022	1033206	1041354	1035861	0.46	cps
Lead	207-1	917466	914979	923363	918603	0.47	cps
Lead	208-1	4365303	4382804	4384407	4377505	0.24	cps
Lithium	6-1	861463	928988	994254	928235	7.15	cps
Magnesium	24-2	1022834	1015613	1013955	1017467	0.46	cps
Manganese	55-2	739058	730337	730578	733324	0.68	cps
Molybdenum	94-1	820399	815929	817244	817857	0.28	cps
Molybdenum	95-1	1153577	1155836	1154241	1154551	0.10	cps
Molybdenum	96-1	1259875	1261736	1263350	1261653	0.14	cps
Molybdenum	97-1	728639	722858	723921	725140	0.42	cps
Molybdenum	98-1	1882680	1866619	1843240	1864180	1.06	cps
Neodymium	150-1	30	43	43	39	19.79	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	35773	36164	36187	36041	0.65	cps
Phosphorus	31-2	700	620	603	641	8.06	cps
Potassium	39-2	631423	629151	627484	629352	0.31	cps
Rhodium	103-1	3096464	3688608	3588865	3457979	9.17	cps
Rhodium	103-2	1930547	1956124	1953740	1946804	0.73	cps
Scandium	45-1	1829626	2146006	2081177	2018936	8.28	cps
Scandium	45-2	183021	180683	180801	181502	0.73	cps
Selenium	82-1	4044	4035	4190	4090	2.12	cps
Selenium	77-2	313	403	437	384	16.60	cps
Selenium	78-2	1280	1297	1320	1299	1.55	cps
Silicon	28-1	2931067	2855461	2888151	2891560	1.31	cps
Silver	107-1	330899	334240	334269	333136	0.58	cps
Silver	109-1	315005	317688	317520	316738	0.47	cps
Sodium	23-2	1580011	1556226	1571293	1569176	0.77	cps
Strontium	86-1	2060934	2010466	2100515	2057305	2.19	cps
Strontium	88-1	18252089	17922628	18341215	18171977	1.21	cps
Sulfur	34-1	148476	149641	146794	148304	0.96	cps
Terbium	159-1	4781413	5664852	5583247	5343171	9.14	cps
Terbium	159-2	3462103	3428962	3419329	3436798	0.65	cps
Thallium	203-1	261103	263354	262470	262309	0.43	cps
Thallium	205-1	626970	628606	628474	628017	0.14	cps
Tin	118-1	2099890	2097872	2066004	2087922	0.91	cps
Titanium	47-1	286884	285232	286149	286088	0.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:31:27	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	832606	842933	842735	839425	0.70	cps
Vanadium	51-2	86010	84856	85517	85461	0.68	cps
Yttrium	89-1	5752536	6742360	6599490	6364795	8.41	cps
Yttrium	89-2	1576279	1551480	1564556	1564105	0.79	cps
Zinc	66-2	166823	163767	163672	164754	1.09	cps
Zirconium	90-1	434672	439127	441058	438285	0.75	cps
Zirconium	91-1	97240	97749	97672	97553	0.28	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:34:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292501	294242	293786	293510	0.31	cps
Antimony	121-1	674242	684072	682100	680138	0.76	cps
Arsenic	75-2	29473	29092	29035	29200	0.81	cps
Barium	135-1	888456	896473	895168	893366	0.48	cps
Barium	137-1	1533163	1558349	1544705	1545406	0.82	cps
Beryllium	9-1	140074	140850	143026	141317	1.08	cps
Bismuth	209-1	3463575	3468570	3488820	3473655	0.38	cps
Bismuth	209-2	2462271	2529199	2498321	2496597	1.34	cps
Bromine	81-1	7068	6955	7018	7014	0.81	cps
Bromine	81-2	43	43	30	39	19.79	cps
Cadmium	108-1	13113	12772	12589	12825	2.07	cps
Cadmium	106-1	20268	20391	20601	20420	0.83	cps
Cadmium	111-1	172242	174405	171774	172807	0.81	cps
Calcium	43-1	198669	197557	197568	197931	0.32	cps
Calcium	44-1	2854186	2855267	2834451	2847968	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	234604	236188	235304	235365	0.34	cps
Cobalt	59-2	357938	356242	356040	356740	0.29	cps
Copper	63-2	2466367	2462447	2435893	2454902	0.68	cps
Dysprosium	156-1	1370	1273	1300	1315	3.80	cps
Dysprosium	156-2	277	287	310	291	5.88	cps
Erbium	164-1	40	27	30	32	21.53	cps
Erbium	164-2	30	27	20	26	19.92	cps
Gadolinium	160-1	33	27	23	28	18.33	cps
Gadolinium	160-2	167	177	137	160	13.01	cps
Holmium	165-1	5516908	5564509	5464523	5515313	0.91	cps
Holmium	165-2	3524787	3525607	3495887	3515427	0.48	cps
Indium	115-1	3896152	3934271	3903423	3911282	0.52	cps
Indium	115-2	1209301	1202469	1196955	1202908	0.51	cps
Iron	56-2	10139914	10158131	10164249	10154098	0.12	cps
Iron	57-2	271953	271902	269532	271129	0.51	cps
Iron	54-2	600970	599770	602194	600978	0.20	cps
Krypton	83-1	57	107	83	82	30.43	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:34:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2726161	2867266	2829436	2807621	2.60	cps
Lead	207-1	2496278	2577443	2551070	2541597	1.63	cps
Lead	208-1	11180942	11590274	11569081	11446766	2.01	cps
Lithium	6-1	993374	991509	989382	991422	0.20	cps
Magnesium	24-2	2403891	2401133	2422929	2409318	0.49	cps
Manganese	55-2	1747925	1745597	1782146	1758556	1.16	cps
Molybdenum	94-1	2017695	2013043	2030624	2020454	0.45	cps
Molybdenum	95-1	2828668	2838338	2867758	2844922	0.72	cps
Molybdenum	96-1	3168796	3098569	3166827	3144731	1.27	cps
Molybdenum	97-1	1797448	1771302	1770827	1779859	0.86	cps
Molybdenum	98-1	4694996	4565940	4593927	4618288	1.47	cps
Neodymium	150-1	80	90	110	93	16.37	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	88083	88469	88043	88198	0.27	cps
Phosphorus	31-2	1503	1420	1437	1453	3.03	cps
Potassium	39-2	1396496	1422449	1370444	1396463	1.86	cps
Rhodium	103-1	3587917	3519071	3553126	3553371	0.97	cps
Rhodium	103-2	1884586	1924294	1939967	1916282	1.49	cps
Scandium	45-1	2072180	2096480	2064472	2077711	0.80	cps
Scandium	45-2	179188	176979	177014	177727	0.71	cps
Selenium	82-1	9635	9912	9813	9787	1.43	cps
Selenium	77-2	953	917	823	898	7.47	cps
Selenium	78-2	2890	3134	2980	3001	4.10	cps
Silicon	28-1	6776242	6791028	6809346	6792205	0.24	cps
Silver	107-1	817697	827611	827722	824343	0.70	cps
Silver	109-1	781139	791163	788415	786906	0.66	cps
Sodium	23-2	3882218	3865283	3838507	3862003	0.57	cps
Strontium	86-1	5144976	5072190	5120351	5112505	0.72	cps
Strontium	88-1	44956094	45077798	45433626	45155839	0.55	cps
Sulfur	34-1	177579	179352	177882	178271	0.53	cps
Terbium	159-1	5629007	5624631	5604728	5619455	0.23	cps
Terbium	159-2	3452621	3413790	3379560	3415323	1.07	cps
Thallium	203-1	655651	664554	666016	662073	0.85	cps
Thallium	205-1	1575371	1585928	1599010	1586770	0.75	cps
Tin	118-1	5172492	5125363	5180198	5159351	0.58	cps
Titanium	47-1	704696	708376	705028	706034	0.29	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:34:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2368647	2390632	2433666	2397648	1.38	cps
Vanadium	51-2	210324	210998	210926	210749	0.18	cps
Yttrium	89-1	6559615	6536759	6537249	6544541	0.20	cps
Yttrium	89-2	1561575	1529878	1510048	1533834	1.69	cps
Zinc	66-2	403593	404433	407067	405031	0.45	cps
Zirconium	90-1	1092062	1096950	1099146	1096053	0.33	cps
Zirconium	91-1	242637	245663	244403	244234	0.62	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:37:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	575876	575245	574586	575236	0.11	cps
Antimony	121-1	1329049	1359214	1346143	1344802	1.12	cps
Arsenic	75-2	57183	56858	56263	56768	0.82	cps
Barium	135-1	1832243	1889987	1845697	1855976	1.63	cps
Barium	137-1	3180008	3192389	3191947	3188115	0.22	cps
Beryllium	9-1	272572	279598	278478	276882	1.36	cps
Bismuth	209-1	3451899	2448428	3119475	3006601	17.00	cps
Bismuth	209-2	2457535	2450065	2442366	2449989	0.31	cps
Bromine	81-1	6938	7178	6735	6951	3.19	cps
Bromine	81-2	23	40	43	36	30.14	cps
Cadmium	108-1	24294	25249	24978	24840	1.98	cps
Cadmium	106-1	37555	37839	37809	37734	0.41	cps
Cadmium	111-1	335128	341076	339451	338552	0.91	cps
Calcium	43-1	382702	393163	383123	386329	1.53	cps
Calcium	44-1	5506226	5676156	5656826	5613069	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460428	457694	458961	459028	0.30	cps
Cobalt	59-2	692238	689761	687948	689982	0.31	cps
Copper	63-2	4758738	4748789	4730912	4746146	0.30	cps
Dysprosium	156-1	1320	1300	1390	1337	3.54	cps
Dysprosium	156-2	323	353	357	344	5.33	cps
Erbium	164-1	47	63	40	50	24.03	cps
Erbium	164-2	40	17	43	33	43.58	cps
Gadolinium	160-1	20	40	57	39	47.21	cps
Gadolinium	160-2	167	167	187	173	6.66	cps
Holmium	165-1	5563689	3892893	4958763	4805115	17.60	cps
Holmium	165-2	3476214	3491865	3361245	3443108	2.07	cps
Indium	115-1	3740429	2600193	3386549	3242390	18.00	cps
Indium	115-2	1142096	1127610	1114542	1128083	1.22	cps
Iron	56-2	19711489	19701322	19849709	19754173	0.42	cps
Iron	57-2	528419	526167	524673	526420	0.36	cps
Iron	54-2	1164350	1166781	1166140	1165757	0.11	cps
Krypton	83-1	73	97	77	82	15.35	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:37:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5533308	5647446	5641158	5607304	1.14	cps
Lead	207-1	4993234	5074730	5062264	5043409	0.87	cps
Lead	208-1	22540850	22986380	22871807	22799679	1.01	cps
Lithium	6-1	969605	724916	905932	866818	14.65	cps
Magnesium	24-2	4683756	4675779	4706268	4688601	0.34	cps
Manganese	55-2	3417662	3423311	3412988	3417987	0.15	cps
Molybdenum	94-1	3918609	3997650	3994695	3970318	1.13	cps
Molybdenum	95-1	5604888	5667498	5611756	5628047	0.61	cps
Molybdenum	96-1	6072703	6201931	6115866	6130167	1.07	cps
Molybdenum	97-1	3527382	3576963	3517206	3540517	0.90	cps
Molybdenum	98-1	9092899	9212736	9030072	9111902	1.02	cps
Neodymium	150-1	197	143	193	178	16.80	cps
Neodymium	150-2	30	40	47	39	21.57	cps
Nickel	60-2	173288	171441	171579	172103	0.60	cps
Phosphorus	31-2	2944	2757	2654	2785	5.28	cps
Potassium	39-2	2709685	2686497	2725206	2707129	0.72	cps
Rhodium	103-1	3438452	2448914	3068217	2985194	16.75	cps
Rhodium	103-2	1889599	1836340	1829403	1851780	1.78	cps
Scandium	45-1	2016559	1476613	1812607	1768593	15.42	cps
Scandium	45-2	173456	171841	171467	172255	0.61	cps
Selenium	82-1	19227	19330	19457	19338	0.60	cps
Selenium	77-2	1853	1803	1753	1803	2.77	cps
Selenium	78-2	5771	5421	5841	5678	3.96	cps
Silicon	28-1	12411319	12487524	12259320	12386055	0.94	cps
Silver	107-1	1631705	1633474	1593849	1619676	1.38	cps
Silver	109-1	1519053	1555944	1533678	1536225	1.21	cps
Sodium	23-2	7604437	7525646	7545499	7558527	0.54	cps
Strontium	86-1	10177040	10193329	10115459	10161943	0.40	cps
Strontium	88-1	87533389	90002175	89585212	89040259	1.48	cps
Sulfur	34-1	221883	225618	223710	223737	0.83	cps
Terbium	159-1	5562836	3940598	5080437	4861290	17.14	cps
Terbium	159-2	3415893	3401698	3315661	3377751	1.61	cps
Thallium	203-1	1302877	1331154	1322309	1318780	1.10	cps
Thallium	205-1	3443682	3503005	3421888	3456192	1.21	cps
Tin	118-1	10107713	10274226	10189518	10190486	0.82	cps
Titanium	47-1	1336243	1363974	1340888	1347035	1.10	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:37:44	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4741646	4796826	4740104	4759525	0.68	cps
Vanadium	51-2	409935	409742	412873	410850	0.43	cps
Yttrium	89-1	6348960	4578563	5860357	5595960	16.34	cps
Yttrium	89-2	1522673	1469605	1474768	1489015	1.97	cps
Zinc	66-2	788239	791409	792845	790831	0.30	cps
Zirconium	90-1	2104192	2177187	2152164	2144514	1.73	cps
Zirconium	91-1	478296	487389	484306	483330	0.96	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:40:40	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1126870	1129127	1120909	1125636	0.38	cps
Antimony	121-1	2667241	2716297	2710650	2698063	0.99	cps
Arsenic	75-2	110742	111847	112932	111840	0.98	cps
Barium	135-1	3629799	3610784	3679933	3640172	0.98	cps
Barium	137-1	6273805	6314321	6234136	6274087	0.64	cps
Beryllium	9-1	530816	536670	539578	535688	0.83	cps
Bismuth	209-1	3385509	3348401	3363781	3365897	0.55	cps
Bismuth	209-2	2374152	2400544	2466458	2413718	1.97	cps
Bromine	81-1	6962	6995	6735	6897	2.05	cps
Bromine	81-2	63	40	47	50	24.03	cps
Cadmium	108-1	49287	48772	48782	48947	0.60	cps
Cadmium	106-1	71434	71106	71917	71486	0.57	cps
Cadmium	111-1	648182	656794	656623	653866	0.75	cps
Calcium	43-1	743948	754563	754083	750864	0.80	cps
Calcium	44-1	10794445	10826081	10994647	10871724	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	894751	889354	887160	890422	0.44	cps
Cobalt	59-2	1342642	1335244	1336751	1338213	0.29	cps
Copper	63-2	9133957	9082225	9014968	9077050	0.66	cps
Dysprosium	156-1	1360	1367	1567	1431	8.21	cps
Dysprosium	156-2	450	437	360	416	11.69	cps
Erbium	164-1	67	63	107	79	30.57	cps
Erbium	164-2	40	40	43	41	4.68	cps
Gadolinium	160-1	60	60	80	67	17.32	cps
Gadolinium	160-2	160	197	180	179	10.26	cps
Holmium	165-1	5464962	5443211	5469079	5459084	0.25	cps
Holmium	165-2	3429281	3457475	3564609	3483789	2.05	cps
Indium	115-1	3412728	3486696	3477362	3458929	1.16	cps
Indium	115-2	1018285	1022860	1074183	1038443	2.99	cps
Iron	56-2	38604234	38687220	38195104	38495520	0.68	cps
Iron	57-2	1025554	1030442	1023966	1026654	0.33	cps
Iron	54-2	2151012	2192741	2177026	2173593	0.97	cps
Krypton	83-1	83	103	80	89	14.20	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:40:40	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11188587	11177850	11058908	11141782	0.65	cps
Lead	207-1	9924743	9978891	9834746	9912793	0.73	cps
Lead	208-1	44872185	45002599	44805521	44893435	0.22	cps
Lithium	6-1	954226	952831	959365	955474	0.36	cps
Magnesium	24-2	9264085	9260545	9358130	9294253	0.60	cps
Manganese	55-2	6751485	6655249	6640949	6682561	0.90	cps
Molybdenum	94-1	7782304	7846800	7848710	7825938	0.48	cps
Molybdenum	95-1	11024176	11063250	10967336	11018254	0.44	cps
Molybdenum	96-1	12059127	12070123	12065396	12064882	0.05	cps
Molybdenum	97-1	6977841	6843541	6923320	6914901	0.98	cps
Molybdenum	98-1	17828046	17985369	17938960	17917458	0.45	cps
Neodymium	150-1	363	380	340	361	5.56	cps
Neodymium	150-2	60	73	63	66	10.58	cps
Nickel	60-2	332104	331985	330439	331509	0.28	cps
Phosphorus	31-2	5468	5574	5414	5485	1.49	cps
Potassium	39-2	5250400	5258323	5156434	5221719	1.09	cps
Rhodium	103-1	3359710	3321093	3345182	3341995	0.58	cps
Rhodium	103-2	1791607	1798616	1895294	1828505	3.17	cps
Scandium	45-1	1964665	1967257	1983051	1971658	0.50	cps
Scandium	45-2	168542	168387	178005	171645	3.21	cps
Selenium	82-1	37426	37222	37211	37286	0.32	cps
Selenium	77-2	3204	3234	3347	3262	2.32	cps
Selenium	78-2	11151	11878	11248	11426	3.46	cps
Silicon	28-1	21154391	21192439	20844436	21063755	0.91	cps
Silver	107-1	3141923	3177115	3174388	3164475	0.62	cps
Silver	109-1	3035894	3019909	3009912	3021905	0.43	cps
Sodium	23-2	14914039	14934673	14757226	14868646	0.65	cps
Strontium	86-1	19865793	19910633	19969748	19915391	0.26	cps
Strontium	88-1	172687037	172529791	174864097	173360309	0.75	cps
Sulfur	34-1	317223	318153	317117	317498	0.18	cps
Terbium	159-1	5488179	5563175	5557616	5536323	0.75	cps
Terbium	159-2	3331490	3331678	3524011	3395727	3.27	cps
Thallium	203-1	2813583	2840382	2840640	2831535	0.55	cps
Thallium	205-1	6769093	6854318	6814482	6812631	0.63	cps
Tin	118-1	19954144	20172315	19927028	20017829	0.67	cps
Titanium	47-1	2607039	2603157	2637104	2615767	0.71	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:40:40	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9526424	9675888	9565136	9589149	0.81	cps
Vanadium	51-2	810290	808435	810258	809661	0.13	cps
Yttrium	89-1	6334924	6310064	6344363	6329784	0.28	cps
Yttrium	89-2	1458106	1486521	1515435	1486687	1.93	cps
Zinc	66-2	1532836	1511795	1517873	1520835	0.71	cps
Zirconium	90-1	4198340	4240767	4220807	4219971	0.50	cps
Zirconium	91-1	944102	948786	950566	947818	0.35	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:43:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2152189	2195017	2166569	2171258	1.00	cps
Antimony	121-1	5258795	5400133	5404742	5354557	1.55	cps
Arsenic	75-2	219229	217838	219404	218824	0.39	cps
Barium	135-1	7209463	7162018	7102948	7158143	0.75	cps
Barium	137-1	12252938	12308637	12405884	12322486	0.63	cps
Beryllium	9-1	1033767	1035950	1037705	1035807	0.19	cps
Bismuth	209-1	3366341	3388194	3382616	3379050	0.34	cps
Bismuth	209-2	2360226	2371216	2371693	2367712	0.27	cps
Bromine	81-1	6588	6785	6802	6725	1.77	cps
Bromine	81-2	53	33	30	39	32.45	cps
Cadmium	108-1	94820	95817	94713	95117	0.64	cps
Cadmium	106-1	138418	138425	139088	138644	0.28	cps
Cadmium	111-1	1264319	1271953	1281390	1272554	0.67	cps
Calcium	43-1	1394969	1407557	1396868	1399798	0.48	cps
Calcium	44-1	21394701	21546315	21581814	21507610	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1734375	1709450	1749725	1731183	1.17	cps
Cobalt	59-2	2630607	2587788	2600361	2606252	0.84	cps
Copper	63-2	17916977	17713743	17668458	17766393	0.75	cps
Dysprosium	156-1	1597	1563	1430	1530	5.76	cps
Dysprosium	156-2	577	610	580	589	3.12	cps
Erbium	164-1	117	173	87	126	35.05	cps
Erbium	164-2	73	80	57	70	17.17	cps
Gadolinium	160-1	150	173	143	156	10.13	cps
Gadolinium	160-2	193	133	203	177	21.43	cps
Holmium	165-1	5502192	5431125	5412805	5448707	0.87	cps
Holmium	165-2	3522785	3484354	3470896	3492678	0.77	cps
Indium	115-1	3034628	3011642	3026438	3024236	0.39	cps
Indium	115-2	861319	852852	849160	854443	0.73	cps
Iron	56-2	76942281	76022934	75855311	76273508	0.77	cps
Iron	57-2	1913315	1931118	1900941	1915125	0.79	cps
Iron	54-2	4290203	4311699	4253570	4285157	0.69	cps
Krypton	83-1	90	103	77	90	14.81	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:43:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22316157	22198761	21935226	22150048	0.88	cps
Lead	207-1	19660194	19927392	19867219	19818268	0.71	cps
Lead	208-1	89221565	90412702	89998742	89877670	0.67	cps
Lithium	6-1	947538	942354	934798	941563	0.68	cps
Magnesium	24-2	18317424	18185186	18175934	18226181	0.43	cps
Manganese	55-2	13403716	13395994	13271094	13356935	0.56	cps
Molybdenum	94-1	15475413	15496618	15493369	15488467	0.07	cps
Molybdenum	95-1	21670153	22083329	21828382	21860621	0.95	cps
Molybdenum	96-1	23779445	24122373	23929155	23943657	0.72	cps
Molybdenum	97-1	13819413	13693451	13820315	13777726	0.53	cps
Molybdenum	98-1	35621614	35711559	35560991	35631388	0.21	cps
Neodymium	150-1	607	710	617	644	8.84	cps
Neodymium	150-2	127	150	133	137	8.79	cps
Nickel	60-2	636305	643115	633716	637712	0.76	cps
Phosphorus	31-2	10234	10690	10404	10443	2.21	cps
Potassium	39-2	10337609	10423355	10306741	10355902	0.58	cps
Rhodium	103-1	3303337	3270072	3216788	3263399	1.34	cps
Rhodium	103-2	1793330	1764301	1784988	1780873	0.84	cps
Scandium	45-1	2008136	1979029	1987788	1991651	0.75	cps
Scandium	45-2	171413	170584	170136	170711	0.38	cps
Selenium	82-1	72197	72355	72481	72344	0.20	cps
Selenium	77-2	6535	6318	6368	6407	1.77	cps
Selenium	78-2	22100	21586	22117	21934	1.38	cps
Silicon	28-1	36108268	36651949	36802880	36521032	1.00	cps
Silver	107-1	6049885	6105529	6070816	6075410	0.46	cps
Silver	109-1	5872316	5845649	5908685	5875550	0.54	cps
Sodium	23-2	29536378	29609150	29160593	29435373	0.82	cps
Strontium	86-1	39053744	39111669	39437291	39200901	0.53	cps
Strontium	88-1	345559782	348648688	345182915	346463795	0.55	cps
Sulfur	34-1	498447	500482	502402	500444	0.40	cps
Terbium	159-1	5621796	5577238	5520889	5573308	0.91	cps
Terbium	159-2	3376536	3411255	3382695	3390162	0.55	cps
Thallium	203-1	5647926	5658213	5628478	5644872	0.27	cps
Thallium	205-1	13492316	13648390	13667291	13602666	0.71	cps
Tin	118-1	39289654	39703376	39429131	39474054	0.53	cps
Titanium	47-1	5129028	5148850	5181648	5153175	0.52	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:43:31	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19321656	19333210	19508723	19387863	0.54	cps
Vanadium	51-2	1542822	1566749	1545933	1551835	0.84	cps
Yttrium	89-1	6372631	6372810	6246698	6330713	1.15	cps
Yttrium	89-2	1483660	1475268	1465182	1474703	0.63	cps
Zinc	66-2	2957660	2962821	2960980	2960487	0.09	cps
Zirconium	90-1	8385671	8378102	8280679	8348151	0.70	cps
Zirconium	91-1	1855250	1846216	1875567	1859011	0.81	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:46:19	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10807299	10985940	11029517	10940919	1.08	cps
Antimony	121-1	3194	3117	3084	3131	1.80	cps
Arsenic	75-2	127	103	160	130	21.91	cps
Barium	135-1	2767	2794	2747	2769	0.85	cps
Barium	137-1	4768	4701	4771	4746	0.83	cps
Beryllium	9-1	470	412	432	438	6.64	cps
Bismuth	209-1	3016554	3008999	2951204	2992252	1.19	cps
Bismuth	209-2	2080718	2130914	1998305	2069979	3.23	cps
Bromine	81-1	6895	6722	6652	6756	1.85	cps
Bromine	81-2	60	30	53	48	32.97	cps
Cadmium	108-1	57	47	80	61	27.99	cps
Cadmium	106-1	1960	1920	1963	1948	1.24	cps
Cadmium	111-1	1582	1568	1532	1561	1.67	cps
Calcium	43-1	6167604	6276411	6261039	6235018	0.94	cps
Calcium	44-1	98627022	100786559	100553399	99988993	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6211	6178	6468	6286	2.53	cps
Cobalt	59-2	6912	7045	6912	6956	1.11	cps
Copper	63-2	3757	3680	4037	3825	4.91	cps
Dysprosium	156-1	1260	1190	1137	1196	5.17	cps
Dysprosium	156-2	297	287	327	303	6.86	cps
Erbium	164-1	200	183	160	181	11.09	cps
Erbium	164-2	107	83	120	103	17.96	cps
Gadolinium	160-1	193	250	240	228	13.28	cps
Gadolinium	160-2	233	213	267	238	11.33	cps
Holmium	165-1	5206067	5215255	5157571	5192964	0.60	cps
Holmium	165-2	3282420	3295745	3131231	3236465	2.82	cps
Indium	115-1	3544042	3517167	3518250	3526486	0.43	cps
Indium	115-2	1090920	1093927	1048532	1077793	2.36	cps
Iron	56-2	362981701	364956248	365848581	364595510	0.40	cps
Iron	57-2	9090547	9149445	9205935	9148643	0.63	cps
Iron	54-2	19778908	20020733	19912752	19904131	0.61	cps
Krypton	83-1	130	93	100	108	18.12	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:46:19	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5081	4944	4604	4876	5.04	cps
Lead	207-1	4381	4261	4387	4343	1.64	cps
Lead	208-1	20460	19783	19055	19766	3.55	cps
Lithium	6-1	896187	912341	916053	908194	1.16	cps
Magnesium	24-2	87994172	89610262	89097925	88900786	0.93	cps
Manganese	55-2	6235	6315	6508	6353	2.21	cps
Molybdenum	94-1	4524	4584	4547	4552	0.66	cps
Molybdenum	95-1	4767	5044	5231	5014	4.65	cps
Molybdenum	96-1	9060	9396	8953	9136	2.53	cps
Molybdenum	97-1	3020	2870	2954	2948	2.55	cps
Molybdenum	98-1	7409	7082	6992	7161	3.06	cps
Neodymium	150-1	197	147	103	149	31.37	cps
Neodymium	150-2	47	57	70	58	20.26	cps
Nickel	60-2	3187	3287	3007	3160	4.49	cps
Phosphorus	31-2	137	103	193	144	31.50	cps
Potassium	39-2	51530374	52425428	52538028	52164610	1.06	cps
Rhodium	103-1	2867800	2912558	2883608	2887989	0.79	cps
Rhodium	103-2	1577016	1597806	1549152	1574658	1.55	cps
Scandium	45-1	1897566	1943715	1933049	1924776	1.26	cps
Scandium	45-2	170331	170490	163477	168099	2.38	cps
Selenium	82-1	182	196	165	181	8.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	130	97	77	101	26.64	cps
Silicon	28-1	478571	410944	365057	418191	13.65	cps
Silver	107-1	897	747	750	798	10.74	cps
Silver	109-1	860	633	667	720	17.00	cps
Sodium	23-2	148804368	151944568	149917361	150222099	1.06	cps
Strontium	86-1	5701	5908	5378	5662	4.72	cps
Strontium	88-1	51286	49168	47931	49462	3.43	cps
Sulfur	34-1	115768	118592	121202	118521	2.29	cps
Terbium	159-1	5288167	5382296	5283134	5317865	1.05	cps
Terbium	159-2	3219993	3214716	3123329	3186012	1.71	cps
Thallium	203-1	903	777	727	802	11.35	cps
Thallium	205-1	2057	1913	1800	1923	6.69	cps
Tin	118-1	8146	7826	8169	8047	2.39	cps
Titanium	47-1	1083	1270	1150	1168	8.10	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 16:46:19	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	807	693	570	690	17.16	cps
Vanadium	51-2	370	297	313	327	11.77	cps
Yttrium	89-1	5925157	5949236	6069609	5981334	1.29	cps
Yttrium	89-2	1460452	1470551	1403775	1444926	2.49	cps
Zinc	66-2	1773	1793	1840	1802	1.90	cps
Zirconium	90-1	4371	4187	4321	4293	2.21	cps
Zirconium	91-1	983	1107	1003	1031	6.42	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:29:29	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62276	61717	61974	61989	0.45	cps
Antimony	121-1	1130653	1151941	1133519	1138704	1.01	cps
Arsenic	75-2	50452	50643	51445	50847	1.04	cps
Barium	135-1	151304	150098	149437	150280	0.63	cps
Barium	137-1	259829	257209	261329	259456	0.80	cps
Beryllium	9-1	106929	110244	108412	108528	1.53	cps
Bismuth	209-1	3712923	3627032	3623140	3654365	1.39	cps
Bismuth	209-2	2624808	2594881	2591365	2603685	0.71	cps
Bromine	81-1	7549	8136	7939	7874	3.79	cps
Bromine	81-2	57	47	57	53	10.82	cps
Cadmium	108-1	9246	9373	9363	9328	0.76	cps
Cadmium	106-1	15288	14454	14701	14814	2.89	cps
Cadmium	111-1	145285	147901	148559	147249	1.18	cps
Calcium	43-1	30183	31042	30407	30544	1.46	cps
Calcium	44-1	486214	496705	495399	492773	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	207780	205094	206186	206354	0.65	cps
Cobalt	59-2	314133	312582	312593	313103	0.29	cps
Copper	63-2	207612	208404	209157	208391	0.37	cps
Dysprosium	156-1	697	687	723	702	2.70	cps
Dysprosium	156-2	140	163	110	138	19.41	cps
Erbium	164-1	13	33	30	26	41.94	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	7	20	20	16	49.47	cps
Gadolinium	160-2	143	153	163	153	6.52	cps
Holmium	165-1	5965842	5785621	5721778	5824414	2.17	cps
Holmium	165-2	3736710	3620007	3676109	3677608	1.59	cps
Indium	115-1	4430616	4264511	4257738	4317622	2.27	cps
Indium	115-2	1332856	1332698	1317749	1327768	0.65	cps
Iron	56-2	3521790	3503206	3557841	3527612	0.79	cps
Iron	57-2	93592	92660	93659	93304	0.60	cps
Iron	54-2	215635	213959	213141	214245	0.59	cps
Krypton	83-1	80	97	103	93	12.88	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:29:29	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	883428	917177	895738	898781	1.90	cps
Lead	207-1	755264	759801	763260	759442	0.53	cps
Lead	208-1	3734159	3722214	3710128	3722167	0.32	cps
Lithium	6-1	928405	1014123	949649	964059	4.63	cps
Magnesium	24-2	253041	248246	250968	250751	0.96	cps
Manganese	55-2	158566	158147	159484	158732	0.43	cps
Molybdenum	94-1	123	197	157	159	23.11	cps
Molybdenum	95-1	137	97	93	109	22.15	cps
Molybdenum	96-1	200	257	197	218	15.48	cps
Molybdenum	97-1	37	60	40	46	27.70	cps
Molybdenum	98-1	113	107	107	109	3.53	cps
Neodymium	150-1	27	20	40	29	35.25	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	78182	79181	78749	78704	0.64	cps
Phosphorus	31-2	157	120	117	131	16.93	cps
Potassium	39-2	538299	533327	535984	535870	0.46	cps
Rhodium	103-1	3880129	3797861	3765631	3814540	1.55	cps
Rhodium	103-2	2081644	2082897	2070847	2078463	0.32	cps
Scandium	45-1	2281942	2211045	2240796	2244594	1.59	cps
Scandium	45-2	194498	191658	192763	192973	0.74	cps
Selenium	82-1	16865	16897	17009	16924	0.45	cps
Selenium	77-2	1490	1620	1447	1519	5.94	cps
Selenium	78-2	5201	5374	5248	5274	1.70	cps
Silicon	28-1	145556	145311	149056	146641	1.43	cps
Silver	107-1	338370	349920	340315	342868	1.80	cps
Silver	109-1	318370	321880	326852	322367	1.32	cps
Sodium	23-2	704298	694046	697871	698738	0.74	cps
Strontium	86-1	577	603	557	579	4.04	cps
Strontium	88-1	3901	4094	3977	3991	2.44	cps
Sulfur	34-1	135427	139860	139607	138298	1.80	cps
Terbium	159-1	5968100	5824531	5823086	5871906	1.42	cps
Terbium	159-2	3617314	3597805	3563630	3592916	0.76	cps
Thallium	203-1	1086688	1084245	1096728	1089220	0.61	cps
Thallium	205-1	2867710	2894787	2869305	2877267	0.53	cps
Tin	118-1	990	807	1000	932	11.68	cps
Titanium	47-1	60	83	63	69	18.32	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICV001	Instrumnet Name :	P7
Client Sample ID :	ICV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:29:29	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	10	30	18	60.28	cps
Vanadium	51-2	178408	179554	181892	179951	0.99	cps
Yttrium	89-1	7091484	7124805	6979506	7065265	1.08	cps
Yttrium	89-2	1694865	1636312	1645988	1659055	1.89	cps
Zinc	66-2	70653	69745	68945	69781	1.22	cps
Zirconium	90-1	287	297	277	287	3.49	cps
Zirconium	91-1	180	163	123	156	18.72	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:33:12	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	83	90	83	8.00	cps
Antimony	121-1	497	597	727	607	19.01	cps
Arsenic	75-2	7	3	10	7	50.03	cps
Barium	135-1	97	103	107	102	4.98	cps
Barium	137-1	210	163	193	189	12.52	cps
Beryllium	9-1	113	133	170	139	20.69	cps
Bismuth	209-1	3632714	3605721	3555793	3598076	1.08	cps
Bismuth	209-2	2703118	2644456	2580854	2642809	2.31	cps
Bromine	81-1	7275	7455	7649	7460	2.50	cps
Bromine	81-2	20	30	23	24	20.83	cps
Cadmium	108-1	10	13	7	10	33.30	cps
Cadmium	106-1	1930	1893	1990	1938	2.52	cps
Cadmium	111-1	1351	1319	1402	1357	3.06	cps
Calcium	43-1	127	130	157	138	11.93	cps
Calcium	44-1	3187	3034	3180	3134	2.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	217	283	323	274	19.63	cps
Cobalt	59-2	107	137	150	131	16.93	cps
Copper	63-2	447	510	497	484	6.89	cps
Dysprosium	156-1	817	657	680	718	12.04	cps
Dysprosium	156-2	103	127	127	119	11.33	cps
Erbium	164-1	33	17	13	21	50.75	cps
Erbium	164-2	13	40	13	22	69.30	cps
Gadolinium	160-1	17	7	0	8	107.84	cps
Gadolinium	160-2	153	133	170	152	12.06	cps
Holmium	165-1	5617866	5705823	5611518	5645069	0.93	cps
Holmium	165-2	3818567	3773025	3564076	3718556	3.65	cps
Indium	115-1	4183042	4248871	4156870	4196261	1.13	cps
Indium	115-2	1362807	1367556	1318281	1349548	2.01	cps
Iron	56-2	9803	9983	9747	9844	1.26	cps
Iron	57-2	647	687	697	677	3.91	cps
Iron	54-2	1200	1273	1153	1209	5.00	cps
Krypton	83-1	93	93	90	92	2.08	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:33:12	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367	343	280	330	13.59	cps
Lead	207-1	337	320	307	321	4.68	cps
Lead	208-1	1473	1357	1283	1371	6.99	cps
Lithium	6-1	956575	920779	917799	931718	2.32	cps
Magnesium	24-2	1477	1590	1417	1495	5.89	cps
Manganese	55-2	517	483	507	502	3.41	cps
Molybdenum	94-1	113	120	77	103	22.58	cps
Molybdenum	95-1	57	53	40	50	17.64	cps
Molybdenum	96-1	100	107	70	92	21.18	cps
Molybdenum	97-1	23	27	13	21	32.88	cps
Molybdenum	98-1	63	43	50	52	19.50	cps
Neodymium	150-1	7	7	17	10	57.72	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	87	90	77	84	8.22	cps
Phosphorus	31-2	110	127	80	106	22.41	cps
Potassium	39-2	35481	34937	34793	35070	1.04	cps
Rhodium	103-1	3762350	3730593	3746822	3746588	0.42	cps
Rhodium	103-2	2147123	2182668	2086418	2138736	2.28	cps
Scandium	45-1	2216510	2195125	2144773	2185469	1.69	cps
Scandium	45-2	199963	198775	190552	196430	2.61	cps
Selenium	82-1	125	146	145	139	8.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	157	83	127	122	30.17	cps
Silicon	28-1	147306	149032	150291	148877	1.01	cps
Silver	107-1	233	220	193	216	9.45	cps
Silver	109-1	240	153	173	189	24.02	cps
Sodium	23-2	8803	8886	8663	8784	1.29	cps
Strontium	86-1	177	127	160	154	16.48	cps
Strontium	88-1	127	140	127	131	5.87	cps
Sulfur	34-1	137798	138807	136039	137548	1.02	cps
Terbium	159-1	5730027	5763187	5808928	5767381	0.69	cps
Terbium	159-2	3675617	3644710	3543727	3621351	1.90	cps
Thallium	203-1	193	203	197	198	2.57	cps
Thallium	205-1	593	460	440	498	16.75	cps
Tin	118-1	1090	1077	1040	1069	2.42	cps
Titanium	47-1	77	73	83	78	6.55	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICB001	Instrumnet Name :	P7
Client Sample ID :	ICB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:33:12	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	0	0	7	2	173.21	cps
Vanadium	51-2	10	7	17	11	45.82	cps
Yttrium	89-1	6778828	6801211	6812377	6797472	0.25	cps
Yttrium	89-2	1695874	1717789	1633773	1682478	2.59	cps
Zinc	66-2	93	73	83	83	12.00	cps
Zirconium	90-1	290	243	277	270	8.90	cps
Zirconium	91-1	27	50	50	42	31.90	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:38:37	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10537486	10453149	10344001	10444879	0.93	cps
Antimony	121-1	6291	6402	6045	6246	2.93	cps
Arsenic	75-2	100	77	87	88	13.33	cps
Barium	135-1	2117	2234	2177	2176	2.68	cps
Barium	137-1	3737	3617	3617	3657	1.90	cps
Beryllium	9-1	461	424	484	456	6.62	cps
Bismuth	209-1	3396477	3368110	3403324	3389303	0.55	cps
Bismuth	209-2	2385234	2342105	2355955	2361098	0.93	cps
Bromine	81-1	7222	7092	7118	7144	0.96	cps
Bromine	81-2	110	150	107	122	19.73	cps
Cadmium	108-1	847	840	837	841	0.61	cps
Cadmium	106-1	1810	1787	1790	1796	0.70	cps
Cadmium	111-1	1821	1769	1677	1756	4.14	cps
Calcium	43-1	1323610	1304540	1312344	1313498	0.73	cps
Calcium	44-1	21305534	21051962	21080613	21146036	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37082	36761	36394	36746	0.94	cps
Cobalt	59-2	3540	3440	3500	3494	1.44	cps
Copper	63-2	14367	14671	14417	14485	1.12	cps
Dysprosium	156-1	633	557	503	564	11.58	cps
Dysprosium	156-2	107	63	100	90	25.93	cps
Erbium	164-1	33	40	17	30	40.05	cps
Erbium	164-2	27	33	30	30	11.10	cps
Gadolinium	160-1	37	20	20	26	37.66	cps
Gadolinium	160-2	107	147	197	150	30.06	cps
Holmium	165-1	5633288	5564051	5628179	5608506	0.69	cps
Holmium	165-2	3486203	3517352	3475223	3492926	0.63	cps
Indium	115-1	3930307	3856508	3862476	3883097	1.06	cps
Indium	115-2	1190774	1186945	1176269	1184663	0.63	cps
Iron	56-2	159589608	159056991	159319521	159322040	0.17	cps
Iron	57-2	3974772	3982500	3928203	3961825	0.74	cps
Iron	54-2	8854803	8630304	8698215	8727774	1.32	cps
Krypton	83-1	97	110	77	94	17.76	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:38:37	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20031	19631	20229	19964	1.53	cps
Lead	207-1	15809	15579	15893	15760	1.03	cps
Lead	208-1	74235	74015	75786	74679	1.29	cps
Lithium	6-1	966421	945015	936915	949450	1.61	cps
Magnesium	24-2	18070945	18169518	17844779	18028414	0.92	cps
Manganese	55-2	11414	11798	11468	11560	1.80	cps
Molybdenum	94-1	2809866	2718207	2767424	2765166	1.66	cps
Molybdenum	95-1	4966170	4902495	4883499	4917388	0.88	cps
Molybdenum	96-1	5286715	5216489	5306673	5269959	0.90	cps
Molybdenum	97-1	3083273	3082075	3061478	3075609	0.40	cps
Molybdenum	98-1	8069521	8002536	7901023	7991027	1.06	cps
Neodymium	150-1	50	30	27	36	35.49	cps
Neodymium	150-2	17	13	17	16	12.40	cps
Nickel	60-2	3644	3647	3854	3715	3.24	cps
Phosphorus	31-2	545322	545829	541019	544056	0.49	cps
Potassium	39-2	21500451	21583471	21261163	21448362	0.78	cps
Rhodium	103-1	3316444	3314830	3255071	3295448	1.06	cps
Rhodium	103-2	1812065	1807832	1780243	1800047	0.96	cps
Scandium	45-1	2041616	1995706	2021982	2019768	1.14	cps
Scandium	45-2	174333	173443	173483	173753	0.29	cps
Selenium	82-1	137	117	184	146	23.50	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	110	107	113	110	3.03	cps
Silicon	28-1	196998	192691	190702	193463	1.66	cps
Silver	107-1	590	557	523	557	5.99	cps
Silver	109-1	527	487	477	497	5.33	cps
Sodium	23-2	30880899	30782009	30263766	30642225	1.08	cps
Strontium	86-1	56635	56053	56940	56542	0.80	cps
Strontium	88-1	498989	495521	494641	496384	0.46	cps
Sulfur	34-1	2084411	2054298	2062048	2066919	0.76	cps
Terbium	159-1	5670447	5684587	5655839	5670291	0.25	cps
Terbium	159-2	3438369	3421582	3440153	3433368	0.30	cps
Thallium	203-1	730	947	1157	944	22.59	cps
Thallium	205-1	1930	2390	2470	2264	12.88	cps
Tin	118-1	1730	1760	1657	1716	3.10	cps
Titanium	47-1	1245551	1229054	1223573	1232726	0.93	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSA001	Instrumnet Name :	P7
Client Sample ID :	ICSA001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:38:37	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	290	340	230	287	19.21	cps
Vanadium	51-2	317	330	363	337	7.14	cps
Yttrium	89-1	6481284	6338038	6386243	6401855	1.14	cps
Yttrium	89-2	1523750	1534725	1523364	1527280	0.42	cps
Zinc	66-2	3450	3744	3420	3538	5.05	cps
Zirconium	90-1	437	373	283	364	21.14	cps
Zirconium	91-1	43	100	90	78	38.89	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:53:19	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10190975	10210068	10114402	10171815	0.50	cps
Antimony	121-1	111209	111834	110742	111262	0.49	cps
Arsenic	75-2	4534	4624	4571	4576	0.99	cps
Barium	135-1	29774	30145	29891	29937	0.63	cps
Barium	137-1	51028	52179	52001	51736	1.20	cps
Beryllium	9-1	20225	19451	19957	19878	1.98	cps
Bismuth	209-1	3009561	3287089	3264508	3187053	4.84	cps
Bismuth	209-2	2349475	2353405	2491225	2398035	3.37	cps
Bromine	81-1	6992	7469	7609	7356	4.40	cps
Bromine	81-2	160	167	117	148	18.37	cps
Cadmium	108-1	2687	2520	2507	2571	3.90	cps
Cadmium	106-1	3917	3747	3754	3806	2.53	cps
Cadmium	111-1	27032	27026	26686	26914	0.74	cps
Calcium	43-1	1285237	1300663	1291334	1292412	0.60	cps
Calcium	44-1	20555745	20460513	20488097	20501452	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71405	70768	71465	71212	0.54	cps
Cobalt	59-2	56523	56603	56245	56457	0.33	cps
Copper	63-2	48776	48759	48134	48556	0.75	cps
Dysprosium	156-1	483	430	443	452	6.14	cps
Dysprosium	156-2	110	77	93	93	17.86	cps
Erbium	164-1	27	37	33	32	15.80	cps
Erbium	164-2	30	17	33	27	33.06	cps
Gadolinium	160-1	27	47	43	39	27.55	cps
Gadolinium	160-2	183	147	150	160	12.67	cps
Holmium	165-1	5182715	5566682	5391493	5380297	3.57	cps
Holmium	165-2	3436601	3411324	3716008	3521311	4.80	cps
Indium	115-1	3588217	3823196	3761305	3724240	3.27	cps
Indium	115-2	1161549	1153642	1232588	1182593	3.68	cps
Iron	56-2	156786774	156571724	154544831	155967777	0.79	cps
Iron	57-2	3889975	3853879	3919094	3887649	0.84	cps
Iron	54-2	8483225	8547378	8550132	8526912	0.44	cps
Krypton	83-1	77	90	83	83	8.00	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:53:19	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	101304	103266	103064	102545	1.05	cps
Lead	207-1	86771	86969	88096	87279	0.82	cps
Lead	208-1	396611	400486	403512	400203	0.86	cps
Lithium	6-1	873343	929305	916339	906329	3.23	cps
Magnesium	24-2	17872965	17998280	17771594	17880946	0.64	cps
Manganese	55-2	39368	39455	38656	39160	1.12	cps
Molybdenum	94-1	2757956	2754300	2756977	2756411	0.07	cps
Molybdenum	95-1	4839852	4797582	4843491	4826975	0.53	cps
Molybdenum	96-1	5132820	5178692	5160589	5157367	0.45	cps
Molybdenum	97-1	3001870	3027735	3037779	3022461	0.61	cps
Molybdenum	98-1	7814367	7907712	7834334	7852138	0.63	cps
Neodymium	150-1	33	33	47	38	20.39	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	16813	16689	16486	16663	0.99	cps
Phosphorus	31-2	540290	537975	536180	538148	0.38	cps
Potassium	39-2	21191451	21122035	20914761	21076082	0.68	cps
Rhodium	103-1	3020126	3236614	3137906	3131549	3.46	cps
Rhodium	103-2	1748016	1745036	1861899	1784984	3.73	cps
Scandium	45-1	1834320	1966094	1927766	1909393	3.55	cps
Scandium	45-2	170051	169630	179995	173225	3.39	cps
Selenium	82-1	1632	1693	1611	1645	2.59	cps
Selenium	77-2	123	133	183	147	21.92	cps
Selenium	78-2	497	573	467	512	10.74	cps
Silicon	28-1	193447	190415	193183	192348	0.87	cps
Silver	107-1	115058	116247	116610	115972	0.70	cps
Silver	109-1	109738	111686	109668	110364	1.04	cps
Sodium	23-2	30125733	30168040	30034378	30109383	0.23	cps
Strontium	86-1	55986	56150	55564	55900	0.54	cps
Strontium	88-1	487840	489562	484445	487283	0.53	cps
Sulfur	34-1	2043674	2001246	2001353	2015424	1.21	cps
Terbium	159-1	5103401	5509716	5350243	5321120	3.85	cps
Terbium	159-2	3324674	3370321	3580980	3425325	3.99	cps
Thallium	203-1	102992	104009	104917	103973	0.93	cps
Thallium	205-1	247676	250894	251595	250055	0.84	cps
Tin	118-1	1230	1377	1470	1359	8.90	cps
Titanium	47-1	1203976	1200578	1200422	1201659	0.17	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	ICSAB001	Instrumnet Name :	P7
Client Sample ID :	ICSAB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:53:19	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	313	347	290	317	8.99	cps
Vanadium	51-2	32021	32024	31834	31959	0.34	cps
Yttrium	89-1	5844968	6270678	6106191	6073946	3.53	cps
Yttrium	89-2	1489402	1473313	1560966	1507894	3.09	cps
Zinc	66-2	9673	9670	9576	9640	0.57	cps
Zirconium	90-1	293	297	303	298	1.71	cps
Zirconium	91-1	113	100	87	100	13.33	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:56:30	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5452198	5423995	5388874	5421689	0.59	cps
Antimony	121-1	2691323	2779670	2735078	2735357	1.61	cps
Arsenic	75-2	111122	111814	110773	111236	0.48	cps
Barium	135-1	3645515	3723582	3727285	3698794	1.25	cps
Barium	137-1	6334018	6418588	6374331	6375646	0.66	cps
Beryllium	9-1	520638	533241	536018	529966	1.55	cps
Bismuth	209-1	3357204	3215225	3147461	3239964	3.30	cps
Bismuth	209-2	2233982	2191188	2252260	2225810	1.41	cps
Bromine	81-1	6311	6668	6665	6548	3.13	cps
Bromine	81-2	37	57	40	44	24.11	cps
Cadmium	108-1	46865	47237	46718	46940	0.57	cps
Cadmium	106-1	68634	69358	69870	69287	0.90	cps
Cadmium	111-1	623180	626409	629741	626443	0.52	cps
Calcium	43-1	3301409	3301328	3300936	3301225	0.01	cps
Calcium	44-1	51616281	52529134	52588921	52244779	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	904797	909791	908538	907709	0.29	cps
Cobalt	59-2	1327736	1327633	1325751	1327040	0.08	cps
Copper	63-2	8801298	8811142	8731846	8781429	0.49	cps
Dysprosium	156-1	727	730	773	743	3.50	cps
Dysprosium	156-2	343	410	300	351	15.78	cps
Erbium	164-1	153	140	123	139	10.82	cps
Erbium	164-2	87	103	80	90	13.35	cps
Gadolinium	160-1	180	143	190	171	14.36	cps
Gadolinium	160-2	230	263	223	239	8.97	cps
Holmium	165-1	5777309	5374146	5352013	5501156	4.35	cps
Holmium	165-2	3351447	3317000	3451089	3373179	2.06	cps
Indium	115-1	3429579	3308687	3298267	3345511	2.18	cps
Indium	115-2	972285	970424	994071	978927	1.34	cps
Iron	56-2	190136351	191504904	189411924	190351059	0.56	cps
Iron	57-2	4744876	4734817	4777737	4752477	0.47	cps
Iron	54-2	10581935	10363597	10407152	10450895	1.11	cps
Krypton	83-1	87	110	80	92	17.08	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:56:30	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11066177	11151676	11278848	11165567	0.96	cps
Lead	207-1	9807294	9931207	9991295	9909932	0.95	cps
Lead	208-1	44303722	45393583	45347661	45014989	1.37	cps
Lithium	6-1	947340	904939	911971	921417	2.47	cps
Magnesium	24-2	44453383	44544486	44579339	44525736	0.15	cps
Manganese	55-2	6835340	6709233	6744644	6763072	0.96	cps
Molybdenum	94-1	7913630	7957118	7966765	7945838	0.36	cps
Molybdenum	95-1	11150215	11298790	11181176	11210060	0.70	cps
Molybdenum	96-1	12165740	12292785	12337819	12265448	0.73	cps
Molybdenum	97-1	7061690	7131687	7039894	7077757	0.68	cps
Molybdenum	98-1	18406704	18322151	18351058	18359971	0.23	cps
Neodymium	150-1	400	367	440	402	9.13	cps
Neodymium	150-2	87	130	107	108	20.12	cps
Nickel	60-2	324951	325118	321434	323834	0.64	cps
Phosphorus	31-2	5511	5421	5321	5418	1.75	cps
Potassium	39-2	25970361	26477711	26465688	26304587	1.10	cps
Rhodium	103-1	3291214	3113290	3070919	3158474	3.70	cps
Rhodium	103-2	1667365	1666043	1729338	1687582	2.14	cps
Scandium	45-1	2020202	1960867	1939327	1973465	2.12	cps
Scandium	45-2	169451	168030	172303	169928	1.28	cps
Selenium	82-1	35318	35758	35888	35655	0.84	cps
Selenium	77-2	3427	3104	3197	3243	5.13	cps
Selenium	78-2	11318	10604	11121	11014	3.35	cps
Silicon	28-1	10481725	10217392	10285371	10328162	1.33	cps
Silver	107-1	2959258	3037969	3016007	3004411	1.35	cps
Silver	109-1	2843462	2869020	2866008	2859497	0.49	cps
Sodium	23-2	75612111	75085846	75151992	75283316	0.38	cps
Strontium	86-1	20087425	20494822	20183495	20255247	1.05	cps
Strontium	88-1	175649117	177618084	177357177	176874793	0.60	cps
Sulfur	34-1	308306	312615	315512	312144	1.16	cps
Terbium	159-1	5671762	5473082	5442175	5529007	2.25	cps
Terbium	159-2	3374753	3295119	3328693	3332855	1.20	cps
Thallium	203-1	2812125	2877114	2835447	2841562	1.16	cps
Thallium	205-1	6850315	6855994	6992201	6899504	1.16	cps
Tin	118-1	19811533	20199851	20069127	20026837	0.99	cps
Titanium	47-1	2596088	2678588	2660425	2645033	1.64	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV001	Instrumnet Name :	P7
Client Sample ID :	CCV001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:56:30	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9976111	10025452	9842354	9947972	0.95	cps
Vanadium	51-2	834983	832692	830823	832833	0.25	cps
Yttrium	89-1	6512844	6197026	6181311	6297060	2.97	cps
Yttrium	89-2	1446286	1441529	1472611	1453475	1.15	cps
Zinc	66-2	1478957	1478111	1473030	1476699	0.22	cps
Zirconium	90-1	4180003	4275657	4181706	4212455	1.30	cps
Zirconium	91-1	937475	964234	958954	953554	1.49	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:59:52	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	177	207	182	12.18	cps
Antimony	121-1	990	1100	1177	1089	8.62	cps
Arsenic	75-2	10	13	7	10	33.30	cps
Barium	135-1	203	177	170	183	9.62	cps
Barium	137-1	363	300	283	316	13.38	cps
Beryllium	9-1	244	194	181	206	16.25	cps
Bismuth	209-1	3613920	3572588	3593920	3593476	0.58	cps
Bismuth	209-2	2548034	2529231	2504971	2527412	0.85	cps
Bromine	81-1	6578	6515	6385	6493	1.52	cps
Bromine	81-2	20	30	30	27	21.65	cps
Cadmium	108-1	20	7	10	12	56.76	cps
Cadmium	106-1	1807	1823	1710	1780	3.44	cps
Cadmium	111-1	1327	1305	1220	1284	4.41	cps
Calcium	43-1	233	230	187	217	12.02	cps
Calcium	44-1	3897	3651	3661	3736	3.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260	190	267	239	17.78	cps
Cobalt	59-2	130	157	120	136	13.98	cps
Copper	63-2	943	843	823	870	7.39	cps
Dysprosium	156-1	463	530	513	502	6.91	cps
Dysprosium	156-2	87	107	107	100	11.55	cps
Erbium	164-1	30	17	40	29	40.51	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	10	10	13	11	17.30	cps
Gadolinium	160-2	177	113	150	147	21.68	cps
Holmium	165-1	5538468	5639484	5510370	5562774	1.22	cps
Holmium	165-2	3493199	3460278	3502769	3485415	0.64	cps
Indium	115-1	3973035	4025765	4037887	4012229	0.86	cps
Indium	115-2	1234612	1227474	1227382	1229823	0.34	cps
Iron	56-2	14664	14871	14257	14597	2.14	cps
Iron	57-2	723	687	777	729	6.21	cps
Iron	54-2	1417	1357	1297	1357	4.42	cps
Krypton	83-1	93	67	43	68	36.91	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:59:52	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	873	813	820	836	3.94	cps
Lead	207-1	720	763	627	703	9.93	cps
Lead	208-1	3397	3220	3050	3222	5.38	cps
Lithium	6-1	964269	969725	971956	968650	0.41	cps
Magnesium	24-2	2164	1967	2037	2056	4.85	cps
Manganese	55-2	633	590	553	592	6.76	cps
Molybdenum	94-1	513	573	493	527	7.90	cps
Molybdenum	95-1	593	493	493	527	10.96	cps
Molybdenum	96-1	610	650	573	611	6.27	cps
Molybdenum	97-1	387	340	333	353	8.22	cps
Molybdenum	98-1	937	840	820	866	7.21	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	73	43	57	58	26.01	cps
Phosphorus	31-2	140	137	110	129	12.76	cps
Potassium	39-2	32632	32819	32642	32697	0.32	cps
Rhodium	103-1	3465769	3485139	3511702	3487537	0.66	cps
Rhodium	103-2	1937055	1910529	1884748	1910777	1.37	cps
Scandium	45-1	2003455	2006496	2032058	2014003	0.78	cps
Scandium	45-2	177111	175341	174421	175624	0.78	cps
Selenium	82-1	99	144	164	136	24.45	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	93	83	67	81	16.60	cps
Silicon	28-1	154323	152600	149904	152276	1.46	cps
Silver	107-1	373	370	210	318	29.38	cps
Silver	109-1	360	297	270	309	14.97	cps
Sodium	23-2	21372	20113	19986	20490	3.74	cps
Strontium	86-1	587	443	393	474	21.15	cps
Strontium	88-1	3834	3087	2770	3230	16.90	cps
Sulfur	34-1	122110	121797	122476	122128	0.28	cps
Terbium	159-1	5615919	5619806	5772482	5669402	1.57	cps
Terbium	159-2	3437787	3341818	3425432	3401679	1.53	cps
Thallium	203-1	340	280	277	299	11.93	cps
Thallium	205-1	897	740	713	783	12.65	cps
Tin	118-1	2520	2557	2777	2618	5.30	cps
Titanium	47-1	147	213	243	201	24.60	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB001	Instrumnet Name :	P7
Client Sample ID :	CCB001	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 17:59:52	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	170	190	173	178	6.03	cps
Vanadium	51-2	37	7	10	18	92.48	cps
Yttrium	89-1	6370854	6409783	6424895	6401844	0.44	cps
Yttrium	89-2	1559302	1524318	1516510	1533377	1.49	cps
Zinc	66-2	177	150	143	157	11.26	cps
Zirconium	90-1	557	573	563	564	1.49	cps
Zirconium	91-1	90	70	100	87	17.63	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:00:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4572271	4504072	4415037	4497126	1.75	cps
Antimony	121-1	9927	9750	9917	9865	1.01	cps
Arsenic	75-2	32546	31787	31510	31948	1.68	cps
Barium	135-1	416620	418634	413588	416281	0.61	cps
Barium	137-1	719514	722527	721960	721334	0.22	cps
Beryllium	9-1	1854	1858	1793	1835	1.98	cps
Bismuth	209-1	3564783	3620268	3583868	3589640	0.79	cps
Bismuth	209-2	1982827	2802215	2504484	2429842	17.07	cps
Bromine	81-1	7869	7799	8149	7939	2.33	cps
Bromine	81-2	203	183	240	209	13.76	cps
Cadmium	108-1	207	233	230	223	6.51	cps
Cadmium	106-1	2627	2550	2434	2537	3.84	cps
Cadmium	111-1	3718	3572	3713	3667	2.26	cps
Calcium	43-1	194176	194587	192872	193878	0.46	cps
Calcium	44-1	2958927	2934532	2897398	2930286	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98932	96815	97120	97622	1.17	cps
Cobalt	59-2	126521	122935	123654	124370	1.53	cps
Copper	63-2	317422	309067	310768	312419	1.41	cps
Dysprosium	156-1	46971	48607	47627	47735	1.72	cps
Dysprosium	156-2	33720	33216	33343	33426	0.79	cps
Erbium	164-1	40061	40639	40535	40412	0.76	cps
Erbium	164-2	25310	24525	24131	24655	2.43	cps
Gadolinium	160-1	44932	44102	44721	44585	0.97	cps
Gadolinium	160-2	29217	28212	28402	28610	1.87	cps
Holmium	165-1	5877504	5734627	5797764	5803298	1.23	cps
Holmium	165-2	2890313	4043967	3575456	3503246	16.56	cps
Indium	115-1	4214754	4174807	4108983	4166181	1.28	cps
Indium	115-2	1010878	1409253	1260535	1226888	16.41	cps
Iron	56-2	168974784	164326631	166740101	166680505	1.39	cps
Iron	57-2	4169698	4062467	4141391	4124519	1.35	cps
Iron	54-2	9293621	9146481	9118048	9186050	1.03	cps
Krypton	83-1	143	123	153	140	10.91	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:00:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	415882	416556	416283	416240	0.08	cps
Lead	207-1	378871	378764	383638	380424	0.73	cps
Lead	208-1	1684590	1693019	1711194	1696268	0.80	cps
Lithium	6-1	942715	931008	945499	939741	0.82	cps
Magnesium	24-2	2622614	2555805	2562325	2580248	1.43	cps
Manganese	55-2	2118755	2095942	2132204	2115634	0.87	cps
Molybdenum	94-1	32780	33184	33157	33041	0.68	cps
Molybdenum	95-1	3647	3667	3620	3645	0.64	cps
Molybdenum	96-1	11078	11104	10777	10986	1.65	cps
Molybdenum	97-1	2307	2294	2430	2344	3.22	cps
Molybdenum	98-1	5931	5701	5798	5810	1.99	cps
Neodymium	150-1	75038	74887	75896	75274	0.72	cps
Neodymium	150-2	39345	39258	38974	39192	0.50	cps
Nickel	60-2	28377	27455	27615	27816	1.77	cps
Phosphorus	31-2	15128	14871	14507	14835	2.10	cps
Potassium	39-2	1401439	1366395	1377564	1381799	1.30	cps
Rhodium	103-1	3620376	3629130	3597953	3615820	0.44	cps
Rhodium	103-2	1574157	2211102	1976593	1920617	16.77	cps
Scandium	45-1	2326044	2296208	2322638	2314963	0.71	cps
Scandium	45-2	160242	218431	196466	191713	15.33	cps
Selenium	82-1	231	242	291	255	12.60	cps
Selenium	77-2	110	83	120	104	18.15	cps
Selenium	78-2	227	200	180	202	11.58	cps
Silicon	28-1	19891571	20027156	19557551	19825426	1.22	cps
Silver	107-1	4804	4434	4404	4547	4.90	cps
Silver	109-1	4451	4224	4371	4348	2.64	cps
Sodium	23-2	72479	70631	72546	71885	1.51	cps
Strontium	86-1	122484	122225	123411	122707	0.51	cps
Strontium	88-1	1068282	1072122	1079487	1073297	0.53	cps
Sulfur	34-1	141878	138356	134445	138227	2.69	cps
Terbium	159-1	5872807	5808026	5812157	5830997	0.62	cps
Terbium	159-2	2869708	3963918	3507544	3447057	15.94	cps
Thallium	203-1	1707	1903	1870	1827	5.76	cps
Thallium	205-1	4244	4451	4314	4336	2.42	cps
Tin	118-1	15799	15308	15749	15619	1.73	cps
Titanium	47-1	1036742	1044159	1030568	1037157	0.66	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:00:47	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18253	18803	19428	18828	3.12	cps
Vanadium	51-2	355183	344433	347098	348905	1.60	cps
Yttrium	89-1	7409438	7291607	7306997	7336014	0.87	cps
Yttrium	89-2	1366579	1908997	1692072	1655883	16.49	cps
Zinc	66-2	127861	125710	126083	126552	0.91	cps
Zirconium	90-1	83680	84327	82345	83451	1.21	cps
Zirconium	91-1	18792	19066	18829	18896	0.79	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4203890	4152251	4099222	4151788	1.26	cps
Antimony	121-1	9060	8966	9123	9050	0.87	cps
Arsenic	75-2	29670	29242	29135	29349	0.96	cps
Barium	135-1	385388	389835	397067	390763	1.51	cps
Barium	137-1	669877	671377	674851	672035	0.38	cps
Beryllium	9-1	1659	1709	1653	1674	1.84	cps
Bismuth	209-1	3500974	3578270	3511858	3530367	1.19	cps
Bismuth	209-2	2479644	2446514	2482322	2469493	0.81	cps
Bromine	81-1	7745	8039	7389	7724	4.22	cps
Bromine	81-2	213	210	243	222	8.26	cps
Cadmium	108-1	250	177	223	217	17.13	cps
Cadmium	106-1	2470	2340	2534	2448	4.03	cps
Cadmium	111-1	3548	3491	3604	3548	1.59	cps
Calcium	43-1	179218	181639	179251	180036	0.77	cps
Calcium	44-1	2637883	2697804	2708030	2681239	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90067	88153	87790	88670	1.38	cps
Cobalt	59-2	112840	111836	112662	112446	0.48	cps
Copper	63-2	292547	291503	286199	290083	1.17	cps
Dysprosium	156-1	43330	45025	45477	44611	2.54	cps
Dysprosium	156-2	32127	31893	31869	31963	0.45	cps
Erbium	164-1	38149	39051	38964	38721	1.29	cps
Erbium	164-2	24371	23957	23243	23857	2.39	cps
Gadolinium	160-1	42230	42033	41949	42071	0.34	cps
Gadolinium	160-2	27600	27250	27243	27364	0.75	cps
Holmium	165-1	5685864	5711808	5686188	5694620	0.26	cps
Holmium	165-2	3529476	3527513	3528923	3528637	0.03	cps
Indium	115-1	4098852	4015352	4080761	4064988	1.08	cps
Indium	115-2	1236101	1231777	1226857	1231578	0.38	cps
Iron	56-2	156633368	155899834	154296301	155609834	0.77	cps
Iron	57-2	3899605	3826891	3848788	3858428	0.97	cps
Iron	54-2	8582170	8511658	8405624	8499817	1.05	cps
Krypton	83-1	143	173	137	151	12.93	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	387233	395450	400913	394532	1.75	cps
Lead	207-1	356400	357763	361683	358615	0.76	cps
Lead	208-1	1605902	1619655	1607747	1611102	0.46	cps
Lithium	6-1	980428	995391	982419	986079	0.82	cps
Magnesium	24-2	2428070	2401120	2420054	2416414	0.57	cps
Manganese	55-2	1975206	1981999	1937875	1965026	1.21	cps
Molybdenum	94-1	30548	30746	30301	30532	0.73	cps
Molybdenum	95-1	3264	3627	3307	3399	5.84	cps
Molybdenum	96-1	10060	10080	10447	10196	2.14	cps
Molybdenum	97-1	1940	1927	1997	1955	1.90	cps
Molybdenum	98-1	5301	5361	5551	5404	2.42	cps
Neodymium	150-1	71845	72877	71048	71923	1.28	cps
Neodymium	150-2	37657	36912	37777	37448	1.25	cps
Nickel	60-2	25746	26327	25699	25924	1.35	cps
Phosphorus	31-2	14580	14377	14060	14339	1.83	cps
Potassium	39-2	1306200	1291429	1287498	1295042	0.76	cps
Rhodium	103-1	3474278	3487384	3502894	3488186	0.41	cps
Rhodium	103-2	1904252	1917670	1908909	1910277	0.36	cps
Scandium	45-1	2249205	2225227	2239185	2237872	0.54	cps
Scandium	45-2	188867	188091	190271	189076	0.58	cps
Selenium	82-1	236	187	230	218	12.19	cps
Selenium	77-2	57	83	57	66	23.48	cps
Selenium	78-2	167	150	193	170	12.86	cps
Silicon	28-1	18699210	18861660	19100796	18887222	1.07	cps
Silver	107-1	3600	3891	3771	3754	3.88	cps
Silver	109-1	3797	3667	3814	3759	2.14	cps
Sodium	23-2	73695	73444	74499	73879	0.75	cps
Strontium	86-1	111021	111831	112928	111927	0.86	cps
Strontium	88-1	995655	995867	984543	992022	0.65	cps
Sulfur	34-1	121804	121465	120584	121284	0.52	cps
Terbium	159-1	5678127	5708527	5642282	5676312	0.58	cps
Terbium	159-2	3432567	3444096	3472299	3449654	0.59	cps
Thallium	203-1	1673	1890	1910	1825	7.19	cps
Thallium	205-1	4197	4514	4511	4407	4.13	cps
Tin	118-1	13833	14304	14280	14139	1.88	cps
Titanium	47-1	916282	927620	930282	924728	0.80	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:04:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18780	18062	18359	18401	1.96	cps
Vanadium	51-2	324281	323007	321832	323040	0.38	cps
Yttrium	89-1	7059059	7267937	6874618	7067205	2.78	cps
Yttrium	89-2	1651346	1663710	1650166	1655074	0.45	cps
Zinc	66-2	119312	117276	116960	117849	1.08	cps
Zirconium	90-1	75463	76166	77017	76215	1.02	cps
Zirconium	91-1	16483	16836	17541	16953	3.18	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 19:07:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	879080	875273	879346	877899	0.26	cps
Antimony	121-1	1873	1917	1897	1896	1.14	cps
Arsenic	75-2	6048	6351	6225	6208	2.46	cps
Barium	135-1	80033	79510	78887	79477	0.72	cps
Barium	137-1	137150	136776	136770	136899	0.16	cps
Beryllium	9-1	330	324	357	337	5.22	cps
Bismuth	209-1	3539081	3440619	3577416	3519039	2.01	cps
Bismuth	209-2	2551416	2509793	2521586	2527598	0.85	cps
Bromine	81-1	7038	6978	6625	6881	3.25	cps
Bromine	81-2	70	60	73	68	10.24	cps
Cadmium	108-1	43	30	40	38	18.36	cps
Cadmium	106-1	2010	1903	1760	1891	6.63	cps
Cadmium	111-1	1737	1695	1597	1676	4.26	cps
Calcium	43-1	36046	36193	36544	36261	0.71	cps
Calcium	44-1	578071	586490	588804	584455	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18859	18922	18418	18733	1.47	cps
Cobalt	59-2	23695	23702	23762	23720	0.16	cps
Copper	63-2	60923	60572	61847	61114	1.08	cps
Dysprosium	156-1	9300	9240	9193	9244	0.58	cps
Dysprosium	156-2	6385	6538	6672	6532	2.20	cps
Erbium	164-1	7435	7505	8036	7659	4.29	cps
Erbium	164-2	4871	4587	4904	4788	3.64	cps
Gadolinium	160-1	8786	8566	8039	8464	4.54	cps
Gadolinium	160-2	5871	5648	5548	5689	2.91	cps
Holmium	165-1	5596782	5583438	5531473	5570564	0.62	cps
Holmium	165-2	3525111	3498804	3476195	3500037	0.70	cps
Indium	115-1	4026187	4032278	4014386	4024283	0.23	cps
Indium	115-2	1253898	1235217	1238033	1242383	0.81	cps
Iron	56-2	32135465	31946271	31779300	31953678	0.56	cps
Iron	57-2	844490	841146	835250	840295	0.56	cps
Iron	54-2	1762735	1750486	1746030	1753084	0.49	cps
Krypton	83-1	103	103	120	109	8.84	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 19:07:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	80235	80379	80373	80329	0.10	cps
Lead	207-1	73863	74167	74070	74033	0.21	cps
Lead	208-1	328084	328425	328044	328185	0.06	cps
Lithium	6-1	954170	956169	962416	957585	0.45	cps
Magnesium	24-2	510902	509232	510329	510154	0.17	cps
Manganese	55-2	412279	409716	410797	410931	0.31	cps
Molybdenum	94-1	6205	6398	6275	6293	1.56	cps
Molybdenum	95-1	850	873	800	841	4.45	cps
Molybdenum	96-1	2260	2134	2384	2259	5.53	cps
Molybdenum	97-1	450	597	550	532	14.08	cps
Molybdenum	98-1	1270	1327	1347	1315	3.03	cps
Neodymium	150-1	14468	14207	14404	14360	0.95	cps
Neodymium	150-2	7409	7986	7652	7682	3.77	cps
Nickel	60-2	5364	5391	5448	5401	0.79	cps
Phosphorus	31-2	2810	2900	2840	2850	1.61	cps
Potassium	39-2	310534	302421	306056	306337	1.33	cps
Rhodium	103-1	3505666	3544581	3542581	3530943	0.62	cps
Rhodium	103-2	1913020	1969156	1967065	1949747	1.63	cps
Scandium	45-1	2069587	2074647	2073357	2072530	0.13	cps
Scandium	45-2	179334	177624	178588	178515	0.48	cps
Selenium	82-1	166	177	157	166	6.13	cps
Selenium	77-2	27	17	17	20	28.86	cps
Selenium	78-2	120	100	113	111	9.16	cps
Silicon	28-1	3769330	3753385	3766090	3762935	0.22	cps
Silver	107-1	817	923	847	862	6.38	cps
Silver	109-1	750	760	850	787	7.00	cps
Sodium	23-2	25244	25070	25348	25221	0.56	cps
Strontium	86-1	23031	23579	23339	23316	1.18	cps
Strontium	88-1	201534	202680	201977	202064	0.29	cps
Sulfur	34-1	107662	109079	108183	108308	0.66	cps
Terbium	159-1	5609122	5699871	5655707	5654900	0.80	cps
Terbium	159-2	3479885	3423554	3411049	3438163	1.07	cps
Thallium	203-1	417	500	373	430	14.97	cps
Thallium	205-1	1090	1043	890	1008	10.38	cps
Tin	118-1	4084	4137	4101	4107	0.66	cps
Titanium	47-1	189400	191256	191677	190778	0.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 19:07:17	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3764	3714	3861	3779	1.97	cps
Vanadium	51-2	66238	66653	65779	66223	0.66	cps
Yttrium	89-1	6547127	6525870	6618726	6563908	0.74	cps
Yttrium	89-2	1585161	1572678	1570884	1576241	0.49	cps
Zinc	66-2	25258	24734	24714	24902	1.24	cps
Zirconium	90-1	15265	15495	15735	15498	1.52	cps
Zirconium	91-1	3354	3460	3524	3446	2.49	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:10:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4578943	4466391	4493273	4512869	1.30	cps
Antimony	121-1	337594	339238	338427	338420	0.24	cps
Arsenic	75-2	37705	36468	36839	37004	1.71	cps
Barium	135-1	2233204	2223624	2220292	2225707	0.30	cps
Barium	137-1	3814215	3839107	3779962	3811094	0.78	cps
Beryllium	9-1	31134	31918	31887	31646	1.40	cps
Bismuth	209-1	3499642	3568300	3500974	3522972	1.11	cps
Bismuth	209-2	2501519	2502700	2449719	2484646	1.22	cps
Bromine	81-1	7622	7579	7755	7652	1.20	cps
Bromine	81-2	177	183	173	178	2.86	cps
Cadmium	108-1	2910	2834	2847	2864	1.43	cps
Cadmium	106-1	6205	6128	6251	6195	1.01	cps
Cadmium	111-1	44116	44598	44421	44378	0.55	cps
Calcium	43-1	185583	188050	186774	186802	0.66	cps
Calcium	44-1	2778947	2842191	2784850	2801996	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	321619	322297	323494	322470	0.29	cps
Cobalt	59-2	968356	966944	959421	964907	0.50	cps
Copper	63-2	590185	586198	579837	585407	0.89	cps
Dysprosium	156-1	47540	48229	47182	47651	1.12	cps
Dysprosium	156-2	33891	34061	34298	34083	0.60	cps
Erbium	164-1	40368	40371	41097	40612	1.03	cps
Erbium	164-2	24836	25196	25273	25102	0.93	cps
Gadolinium	160-1	44072	44791	44671	44512	0.86	cps
Gadolinium	160-2	28569	29291	28636	28832	1.38	cps
Holmium	165-1	5593427	5604656	5710836	5636306	1.15	cps
Holmium	165-2	3558547	3549588	3563485	3557207	0.20	cps
Indium	115-1	3980125	4013456	3989067	3994216	0.43	cps
Indium	115-2	1232453	1225999	1222419	1226957	0.41	cps
Iron	56-2	166376374	165495468	165088131	165653324	0.40	cps
Iron	57-2	4121411	4142281	4032842	4098845	1.42	cps
Iron	54-2	9079788	9148885	9069899	9099524	0.47	cps
Krypton	83-1	140	153	177	157	11.85	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:10:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	468743	478888	477178	474937	1.14	cps
Lead	207-1	433735	434580	433331	433882	0.15	cps
Lead	208-1	1915111	1946767	1941761	1934547	0.88	cps
Lithium	6-1	967001	969268	966399	967556	0.16	cps
Magnesium	24-2	2564433	2536494	2559462	2553463	0.58	cps
Manganese	55-2	2526729	2540286	2504101	2523705	0.72	cps
Molybdenum	94-1	31935	32396	32626	32319	1.09	cps
Molybdenum	95-1	3547	3467	3517	3510	1.15	cps
Molybdenum	96-1	10250	11118	10861	10743	4.15	cps
Molybdenum	97-1	2230	2217	2140	2196	2.21	cps
Molybdenum	98-1	5681	5825	5871	5792	1.71	cps
Neodymium	150-1	75819	75809	76717	76115	0.69	cps
Neodymium	150-2	40057	40241	40023	40107	0.29	cps
Nickel	60-2	237187	234610	235777	235858	0.55	cps
Phosphorus	31-2	14647	14340	14113	14367	1.86	cps
Potassium	39-2	1375442	1373105	1335972	1361506	1.63	cps
Rhodium	103-1	3482700	3453102	3476577	3470793	0.45	cps
Rhodium	103-2	1906830	1901133	1905384	1904449	0.16	cps
Scandium	45-1	2188749	2175505	2183017	2182424	0.30	cps
Scandium	45-2	187491	187245	186543	187093	0.26	cps
Selenium	82-1	5105	5122	5080	5102	0.41	cps
Selenium	77-2	613	517	443	524	16.26	cps
Selenium	78-2	1630	1620	1677	1642	1.84	cps
Silicon	28-1	19015138	19054747	19039736	19036540	0.11	cps
Silver	107-1	195051	196696	195583	195777	0.43	cps
Silver	109-1	183485	186172	187367	185675	1.07	cps
Sodium	23-2	73611	74395	74693	74233	0.75	cps
Strontium	86-1	119991	119966	120387	120115	0.20	cps
Strontium	88-1	1052649	1063838	1059371	1058619	0.53	cps
Sulfur	34-1	118898	117642	117242	117927	0.73	cps
Terbium	159-1	5778302	5793061	5731097	5767487	0.56	cps
Terbium	159-2	3480824	3431929	3427666	3446806	0.86	cps
Thallium	203-1	161853	164106	162712	162890	0.70	cps
Thallium	205-1	388200	391540	393551	391097	0.69	cps
Tin	118-1	15008	15342	15415	15255	1.42	cps
Titanium	47-1	992789	995917	993879	994195	0.16	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:10:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19151	19855	19571	19525	1.81	cps
Vanadium	51-2	846066	841594	841878	843179	0.30	cps
Yttrium	89-1	7024369	7042236	6930486	6999030	0.86	cps
Yttrium	89-2	1648917	1662611	1653948	1655159	0.42	cps
Zinc	66-2	222434	222042	222042	222173	0.10	cps
Zirconium	90-1	80234	81867	82000	81367	1.21	cps
Zirconium	91-1	18148	18388	18171	18236	0.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:13:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4807985	4789886	4786795	4794889	0.24	cps
Antimony	121-1	1581112	1614257	1605374	1600248	1.07	cps
Arsenic	75-2	56179	56122	55664	55988	0.50	cps
Barium	135-1	8985172	8938336	8963541	8962350	0.26	cps
Barium	137-1	15558696	15504306	15371480	15478161	0.62	cps
Beryllium	9-1	142527	143390	142626	142847	0.33	cps
Bismuth	209-1	3494730	3446363	3475021	3472038	0.70	cps
Bismuth	209-2	2449926	2479629	2434002	2454519	0.94	cps
Bromine	81-1	7565	7552	7138	7419	3.27	cps
Bromine	81-2	213	163	213	197	14.68	cps
Cadmium	108-1	12946	12599	12796	12780	1.36	cps
Cadmium	106-1	19627	20001	19814	19814	0.94	cps
Cadmium	111-1	199891	198997	200110	199666	0.30	cps
Calcium	43-1	177464	177171	175805	176813	0.50	cps
Calcium	44-1	2688686	2680095	2683067	2683949	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1151289	1145619	1150803	1149237	0.27	cps
Cobalt	59-2	4094746	4034402	4009159	4046102	1.09	cps
Copper	63-2	1622258	1599898	1597107	1606421	0.86	cps
Dysprosium	156-1	45724	46239	46577	46180	0.93	cps
Dysprosium	156-2	32658	32364	33239	32754	1.36	cps
Erbium	164-1	38520	39766	39222	39169	1.60	cps
Erbium	164-2	25186	24114	24508	24603	2.20	cps
Gadolinium	160-1	42745	43170	42681	42865	0.62	cps
Gadolinium	160-2	27216	27888	27477	27527	1.23	cps
Holmium	165-1	5570780	5499332	5491802	5520638	0.79	cps
Holmium	165-2	3502121	3474155	3463842	3480040	0.57	cps
Indium	115-1	4004342	3877648	3889743	3923911	1.78	cps
Indium	115-2	1183398	1185969	1179011	1182793	0.30	cps
Iron	56-2	162604981	161795721	160209404	161536702	0.75	cps
Iron	57-2	4021848	4032627	3986273	4013582	0.60	cps
Iron	54-2	8908915	8796826	8717232	8807658	1.09	cps
Krypton	83-1	163	167	193	174	9.43	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:13:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	652841	664100	659089	658677	0.86	cps
Lead	207-1	590381	601746	593225	595117	0.99	cps
Lead	208-1	2671625	2687737	2682622	2680661	0.31	cps
Lithium	6-1	948762	927057	925304	933708	1.40	cps
Magnesium	24-2	2372517	2404516	2402525	2393186	0.75	cps
Manganese	55-2	4010648	3933650	3936002	3960100	1.11	cps
Molybdenum	94-1	30849	31130	30973	30984	0.45	cps
Molybdenum	95-1	3347	3397	3681	3475	5.17	cps
Molybdenum	96-1	10504	10594	10424	10507	0.81	cps
Molybdenum	97-1	2370	2134	2027	2177	8.07	cps
Molybdenum	98-1	5594	5518	5788	5633	2.47	cps
Neodymium	150-1	72200	72887	73846	72978	1.13	cps
Neodymium	150-2	38773	38659	38182	38538	0.81	cps
Nickel	60-2	1007410	1003300	1004691	1005134	0.21	cps
Phosphorus	31-2	13770	14060	14514	14114	2.66	cps
Potassium	39-2	1309238	1284089	1257760	1283696	2.01	cps
Rhodium	103-1	3416117	3381255	3328006	3375126	1.31	cps
Rhodium	103-2	1848426	1848335	1814537	1837100	1.06	cps
Scandium	45-1	2161660	2088058	2112246	2120655	1.77	cps
Scandium	45-2	178686	179931	177674	178764	0.63	cps
Selenium	82-1	25312	25428	25205	25315	0.44	cps
Selenium	77-2	2317	2354	2247	2306	2.35	cps
Selenium	78-2	7535	7605	7532	7558	0.55	cps
Silicon	28-1	18117335	18205419	18028130	18116961	0.49	cps
Silver	107-1	782819	843889	879803	835504	5.87	cps
Silver	109-1	766474	745426	805725	772542	3.96	cps
Sodium	23-2	72034	73531	73156	72907	1.07	cps
Strontium	86-1	113211	115606	114162	114326	1.05	cps
Strontium	88-1	999887	1008848	1007650	1005461	0.48	cps
Sulfur	34-1	117498	114800	114139	115479	1.54	cps
Terbium	159-1	5681282	5609497	5556941	5615906	1.11	cps
Terbium	159-2	3328167	3384141	3364913	3359074	0.85	cps
Thallium	203-1	788340	795145	787687	790390	0.52	cps
Thallium	205-1	2128328	2080774	2054289	2087797	1.80	cps
Tin	118-1	14097	14618	14561	14425	1.98	cps
Titanium	47-1	934123	944703	940401	939742	0.57	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:13:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18286	18843	19197	18776	2.45	cps
Vanadium	51-2	2663895	2635602	2601609	2633702	1.18	cps
Yttrium	89-1	6963872	6851975	6714680	6843509	1.82	cps
Yttrium	89-2	1595251	1588512	1607070	1596945	0.59	cps
Zinc	66-2	579704	577336	574861	577300	0.42	cps
Zirconium	90-1	76699	77550	76736	76995	0.62	cps
Zirconium	91-1	17234	17534	17380	17383	0.86	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:16:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1051130	1060780	1052582	1054831	0.49	cps
Antimony	121-1	2944	3244	3090	3093	4.85	cps
Arsenic	75-2	7218	7489	7359	7355	1.84	cps
Barium	135-1	94836	96655	96185	95892	0.98	cps
Barium	137-1	166094	165537	166691	166107	0.35	cps
Beryllium	9-1	521	471	444	479	8.10	cps
Bismuth	209-1	3358307	3447945	3431566	3412606	1.40	cps
Bismuth	209-2	2408802	2466753	2468241	2447932	1.38	cps
Bromine	81-1	7132	7385	7105	7207	2.15	cps
Bromine	81-2	73	137	83	98	34.83	cps
Cadmium	108-1	30	33	60	41	40.00	cps
Cadmium	106-1	2104	1913	1777	1931	8.50	cps
Cadmium	111-1	1981	1856	1698	1845	7.69	cps
Calcium	43-1	42326	42593	43258	42726	1.12	cps
Calcium	44-1	694774	693608	696230	694870	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22774	22654	23251	22893	1.38	cps
Cobalt	59-2	28824	28851	28544	28740	0.59	cps
Copper	63-2	74417	72839	72344	73200	1.48	cps
Dysprosium	156-1	10888	11118	11421	11142	2.40	cps
Dysprosium	156-2	7862	7942	7879	7895	0.53	cps
Erbium	164-1	9370	9560	9193	9374	1.96	cps
Erbium	164-2	6035	6038	5788	5954	2.41	cps
Gadolinium	160-1	10187	10074	10187	10149	0.65	cps
Gadolinium	160-2	6748	6982	6955	6895	1.85	cps
Holmium	165-1	5349230	5411871	5311848	5357650	0.94	cps
Holmium	165-2	3391422	3380327	3465691	3412480	1.36	cps
Indium	115-1	3861542	3861792	3877198	3866844	0.23	cps
Indium	115-2	1192267	1194229	1204022	1196839	0.53	cps
Iron	56-2	38423079	38660969	38440142	38508063	0.34	cps
Iron	57-2	1013763	1015062	1014607	1014477	0.06	cps
Iron	54-2	2121711	2130702	2113588	2122000	0.40	cps
Krypton	83-1	93	93	93	93	0.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:16:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	96752	98459	99048	98086	1.22	cps
Lead	207-1	89489	90388	90079	89985	0.51	cps
Lead	208-1	396220	403079	401002	400100	0.88	cps
Lithium	6-1	904091	914290	908047	908809	0.57	cps
Magnesium	24-2	606441	609209	610737	608796	0.36	cps
Manganese	55-2	491036	497700	497977	495571	0.79	cps
Molybdenum	94-1	7192	7402	7252	7282	1.49	cps
Molybdenum	95-1	753	830	847	810	6.15	cps
Molybdenum	96-1	2644	2707	2860	2737	4.07	cps
Molybdenum	97-1	517	567	500	528	6.57	cps
Molybdenum	98-1	1290	1443	1330	1355	5.87	cps
Neodymium	150-1	17618	16957	17164	17246	1.96	cps
Neodymium	150-2	9427	9517	9583	9509	0.83	cps
Nickel	60-2	6682	6535	6471	6563	1.64	cps
Phosphorus	31-2	3484	3690	3264	3479	6.13	cps
Potassium	39-2	358287	363841	360990	361040	0.77	cps
Rhodium	103-1	3345674	3354464	3299267	3333135	0.89	cps
Rhodium	103-2	1861933	1842316	1885721	1863323	1.17	cps
Scandium	45-1	1961371	1952865	1975245	1963161	0.58	cps
Scandium	45-2	171612	172574	171696	171961	0.31	cps
Selenium	82-1	159	188	144	163	13.85	cps
Selenium	77-2	13	13	23	17	34.65	cps
Selenium	78-2	133	123	100	119	14.39	cps
Silicon	28-1	4428037	4465820	4429730	4441196	0.48	cps
Silver	107-1	1453	1223	1150	1276	12.41	cps
Silver	109-1	1187	1257	1090	1178	7.11	cps
Sodium	23-2	27267	27688	27561	27506	0.78	cps
Strontium	86-1	27269	28327	28114	27903	2.01	cps
Strontium	88-1	242390	244015	243426	243277	0.34	cps
Sulfur	34-1	111245	111355	111056	111219	0.14	cps
Terbium	159-1	5346244	5441687	5448485	5412138	1.06	cps
Terbium	159-2	3327528	3345385	3375579	3349498	0.73	cps
Thallium	203-1	517	533	550	533	3.13	cps
Thallium	205-1	1317	1257	1290	1288	2.33	cps
Tin	118-1	3891	4071	4244	4068	4.34	cps
Titanium	47-1	226304	227846	227579	227243	0.36	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:16:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4601	4471	4714	4595	2.65	cps
Vanadium	51-2	79334	79250	78925	79169	0.27	cps
Yttrium	89-1	6296566	6340386	6337435	6324796	0.39	cps
Yttrium	89-2	1515317	1529520	1524112	1522983	0.47	cps
Zinc	66-2	29877	30130	29730	29912	0.68	cps
Zirconium	90-1	18458	18805	18789	18684	1.05	cps
Zirconium	91-1	4061	4301	4294	4218	3.24	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:20:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975282	972719	978863	975621	0.32	cps
Antimony	121-1	2230	2284	2300	2271	1.61	cps
Arsenic	75-2	6758	6805	6798	6787	0.37	cps
Barium	135-1	89744	89643	89197	89528	0.33	cps
Barium	137-1	156245	155149	156196	155863	0.40	cps
Beryllium	9-1	383	423	413	406	5.03	cps
Bismuth	209-1	3064067	3452024	3436311	3317467	6.62	cps
Bismuth	209-2	2487506	2495977	2311907	2431796	4.27	cps
Bromine	81-1	6672	6555	6945	6724	2.98	cps
Bromine	81-2	70	80	63	71	11.80	cps
Cadmium	108-1	63	40	70	58	27.26	cps
Cadmium	106-1	1683	1860	1793	1779	5.02	cps
Cadmium	111-1	1611	1767	1676	1685	4.67	cps
Calcium	43-1	39802	40314	41129	40415	1.66	cps
Calcium	44-1	658719	659678	658045	658814	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20728	20177	20244	20383	1.47	cps
Cobalt	59-2	25819	25966	25732	25839	0.46	cps
Copper	63-2	67150	67485	67759	67464	0.45	cps
Dysprosium	156-1	10574	10227	10424	10408	1.67	cps
Dysprosium	156-2	7335	7412	7542	7430	1.41	cps
Erbium	164-1	8516	8930	8503	8649	2.81	cps
Erbium	164-2	5344	5611	5648	5534	2.99	cps
Gadolinium	160-1	9697	9663	10070	9810	2.30	cps
Gadolinium	160-2	6472	6195	6365	6344	2.20	cps
Holmium	165-1	4882854	5445251	5295225	5207776	5.59	cps
Holmium	165-2	3394949	3450594	3171340	3338961	4.43	cps
Indium	115-1	3518142	3866792	3880573	3755169	5.47	cps
Indium	115-2	1200813	1214306	1114853	1176657	4.58	cps
Iron	56-2	35983179	35612909	35894149	35830079	0.54	cps
Iron	57-2	941495	937802	948047	942448	0.55	cps
Iron	54-2	1951737	1972905	1991899	1972180	1.02	cps
Krypton	83-1	80	60	70	70	14.29	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:20:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	90975	91562	90858	91132	0.41	cps
Lead	207-1	84222	84118	84588	84309	0.29	cps
Lead	208-1	371406	374141	373384	372977	0.38	cps
Lithium	6-1	825025	921770	905810	884202	5.87	cps
Magnesium	24-2	570030	572356	571496	571294	0.21	cps
Manganese	55-2	465154	460641	462640	462812	0.49	cps
Molybdenum	94-1	6812	7162	7082	7018	2.61	cps
Molybdenum	95-1	777	767	753	766	1.53	cps
Molybdenum	96-1	2314	2247	2264	2275	1.53	cps
Molybdenum	97-1	477	490	450	472	4.31	cps
Molybdenum	98-1	1157	1230	1270	1219	4.72	cps
Neodymium	150-1	16013	16246	16533	16264	1.60	cps
Neodymium	150-2	8486	8759	8596	8614	1.60	cps
Nickel	60-2	6035	6051	6135	6074	0.88	cps
Phosphorus	31-2	3490	3197	3184	3290	5.27	cps
Potassium	39-2	337842	336138	335378	336453	0.38	cps
Rhodium	103-1	3034145	3439820	3398519	3290828	6.78	cps
Rhodium	103-2	1863129	1921341	1739282	1841250	5.05	cps
Scandium	45-1	1773948	1981425	1944400	1899925	5.82	cps
Scandium	45-2	173217	173945	158844	168669	5.05	cps
Selenium	82-1	189	173	187	183	4.66	cps
Selenium	77-2	13	17	13	14	13.35	cps
Selenium	78-2	110	123	140	124	12.08	cps
Silicon	28-1	4323621	4364803	4359297	4349241	0.51	cps
Silver	107-1	963	960	897	940	4.00	cps
Silver	109-1	837	800	920	852	7.22	cps
Sodium	23-2	24787	25251	24884	24974	0.98	cps
Strontium	86-1	26133	26200	25749	26027	0.93	cps
Strontium	88-1	227254	223935	226596	225928	0.78	cps
Sulfur	34-1	108156	108881	106541	107859	1.11	cps
Terbium	159-1	4961822	5462792	5425070	5283228	5.28	cps
Terbium	159-2	3353910	3390450	3066378	3270246	5.43	cps
Thallium	203-1	380	417	450	416	8.43	cps
Thallium	205-1	923	923	1020	956	5.84	cps
Tin	118-1	3834	4004	3714	3851	3.79	cps
Titanium	47-1	206702	210697	207901	208433	0.98	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:20:14	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4277	4081	4084	4147	2.72	cps
Vanadium	51-2	74238	74362	74506	74368	0.18	cps
Yttrium	89-1	5752976	6397296	6334077	6161449	5.76	cps
Yttrium	89-2	1508538	1529342	1426875	1488252	3.64	cps
Zinc	66-2	28157	27505	27716	27793	1.20	cps
Zirconium	90-1	17370	16756	17277	17135	1.93	cps
Zirconium	91-1	3737	3944	4034	3905	3.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 19:23:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205929	204143	202815	204296	0.76	cps
Antimony	121-1	623	577	613	604	4.06	cps
Arsenic	75-2	1443	1470	1473	1462	1.12	cps
Barium	135-1	18505	18776	18936	18739	1.16	cps
Barium	137-1	31558	31933	32110	31867	0.88	cps
Beryllium	9-1	131	139	175	148	15.80	cps
Bismuth	209-1	3488041	3531380	3420972	3480131	1.60	cps
Bismuth	209-2	2278969	2419753	2507721	2402147	4.80	cps
Bromine	81-1	6395	6665	6638	6566	2.27	cps
Bromine	81-2	40	37	27	34	20.14	cps
Cadmium	108-1	17	13	10	13	25.01	cps
Cadmium	106-1	1887	1830	1737	1818	4.17	cps
Cadmium	111-1	1449	1398	1305	1384	5.26	cps
Calcium	43-1	8663	8236	8512	8470	2.56	cps
Calcium	44-1	133666	137409	137981	136352	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4781	4264	4567	4537	5.72	cps
Cobalt	59-2	5828	5718	5744	5763	1.00	cps
Copper	63-2	14457	14444	14430	14444	0.09	cps
Dysprosium	156-1	2454	2617	2374	2481	5.00	cps
Dysprosium	156-2	1497	1577	1630	1568	4.28	cps
Erbium	164-1	1900	1773	1813	1829	3.54	cps
Erbium	164-2	1190	1153	1093	1146	4.26	cps
Gadolinium	160-1	1913	1933	1853	1900	2.19	cps
Gadolinium	160-2	1513	1353	1447	1438	5.59	cps
Holmium	165-1	5464962	5392008	5377005	5411325	0.87	cps
Holmium	165-2	3145452	3386942	3400382	3310925	4.33	cps
Indium	115-1	3949666	3923968	3883798	3919144	0.85	cps
Indium	115-2	1116517	1194847	1212583	1174649	4.35	cps
Iron	56-2	7518828	7408714	7438416	7455319	0.76	cps
Iron	57-2	198134	193374	195815	195774	1.22	cps
Iron	54-2	439564	429497	430764	433275	1.27	cps
Krypton	83-1	107	113	87	102	13.58	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 19:23:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18756	18960	19224	18980	1.23	cps
Lead	207-1	17491	17645	17652	17596	0.52	cps
Lead	208-1	76795	78195	77813	77601	0.93	cps
Lithium	6-1	924411	916781	907189	916127	0.94	cps
Magnesium	24-2	117706	118367	117994	118023	0.28	cps
Manganese	55-2	97617	95457	95098	96057	1.42	cps
Molybdenum	94-1	1453	1577	1460	1497	4.63	cps
Molybdenum	95-1	273	180	243	232	20.52	cps
Molybdenum	96-1	560	557	597	571	3.89	cps
Molybdenum	97-1	147	117	123	129	12.22	cps
Molybdenum	98-1	307	323	390	340	12.97	cps
Neodymium	150-1	3394	3404	3427	3408	0.50	cps
Neodymium	150-2	1900	1863	1817	1860	2.25	cps
Nickel	60-2	1370	1317	1257	1315	4.31	cps
Phosphorus	31-2	740	680	710	710	4.23	cps
Potassium	39-2	93800	92348	92743	92964	0.81	cps
Rhodium	103-1	3466260	3446242	3456716	3456406	0.29	cps
Rhodium	103-2	1747879	1876824	1913435	1846046	4.71	cps
Scandium	45-1	1984841	1968967	1950146	1967985	0.88	cps
Scandium	45-2	158749	167888	172856	166498	4.30	cps
Selenium	82-1	109	82	149	113	29.88	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	103	103	93	100	5.78	cps
Silicon	28-1	960605	972700	975273	969526	0.81	cps
Silver	107-1	230	277	277	261	10.32	cps
Silver	109-1	240	153	190	194	22.37	cps
Sodium	23-2	12565	12789	12485	12613	1.25	cps
Strontium	86-1	5368	5644	5358	5457	2.98	cps
Strontium	88-1	45928	47827	47480	47078	2.15	cps
Sulfur	34-1	105780	106007	107105	106298	0.67	cps
Terbium	159-1	5528512	5520044	5392736	5480430	1.39	cps
Terbium	159-2	3102655	3317879	3358191	3259575	4.21	cps
Thallium	203-1	167	153	143	154	7.58	cps
Thallium	205-1	390	350	363	368	5.54	cps
Tin	118-1	1547	1490	1643	1560	4.97	cps
Titanium	47-1	42884	44204	43984	43691	1.62	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4H3L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 19:23:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	980	940	857	926	6.80	cps
Vanadium	51-2	15471	15431	15395	15432	0.25	cps
Yttrium	89-1	6442485	6295066	6248442	6328665	1.60	cps
Yttrium	89-2	1401206	1503873	1501028	1468702	3.98	cps
Zinc	66-2	5905	5968	6038	5970	1.12	cps
Zirconium	90-1	3580	3600	3554	3578	0.65	cps
Zirconium	91-1	650	830	670	717	13.77	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:26:55	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1107418	1116539	1118543	1114167	0.53	cps
Antimony	121-1	81010	81921	81187	81373	0.59	cps
Arsenic	75-2	8899	9256	8913	9023	2.24	cps
Barium	135-1	504754	508986	508458	507399	0.45	cps
Barium	137-1	879920	878814	880054	879596	0.08	cps
Beryllium	9-1	7578	7505	7545	7543	0.49	cps
Bismuth	209-1	3433335	3394687	3455666	3427896	0.90	cps
Bismuth	209-2	2468026	2469040	2444934	2460667	0.55	cps
Bromine	81-1	6908	6808	6575	6764	2.53	cps
Bromine	81-2	53	67	53	58	13.33	cps
Cadmium	108-1	747	750	667	721	6.54	cps
Cadmium	106-1	2780	2834	2750	2788	1.51	cps
Cadmium	111-1	11247	11452	11642	11447	1.73	cps
Calcium	43-1	44646	44224	44856	44575	0.72	cps
Calcium	44-1	719414	728001	723910	723775	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76760	77618	78070	77483	0.86	cps
Cobalt	59-2	232707	232321	233313	232780	0.21	cps
Copper	63-2	146037	145839	147306	146394	0.54	cps
Dysprosium	156-1	11545	11471	11518	11511	0.32	cps
Dysprosium	156-2	8379	8273	8296	8316	0.67	cps
Erbium	164-1	9827	9673	9757	9752	0.79	cps
Erbium	164-2	6081	5981	6105	6056	1.08	cps
Gadolinium	160-1	10674	10331	10407	10471	1.72	cps
Gadolinium	160-2	6988	7025	7119	7044	0.95	cps
Holmium	165-1	5403445	5370238	5376700	5383461	0.33	cps
Holmium	165-2	3368508	3410847	3437535	3405630	1.02	cps
Indium	115-1	3835759	3870449	3892752	3866320	0.74	cps
Indium	115-2	1206397	1198772	1204929	1203366	0.34	cps
Iron	56-2	40090252	40212422	39857788	40053487	0.45	cps
Iron	57-2	1054855	1050004	1053310	1052723	0.24	cps
Iron	54-2	2210753	2226590	2213400	2216914	0.38	cps
Krypton	83-1	117	113	110	113	2.94	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:26:55	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	113748	114231	114645	114208	0.39	cps
Lead	207-1	104226	104655	104273	104385	0.23	cps
Lead	208-1	461576	464677	465230	463828	0.42	cps
Lithium	6-1	911270	917573	916927	915257	0.38	cps
Magnesium	24-2	629293	626372	630443	628703	0.33	cps
Manganese	55-2	614362	615933	618636	616310	0.35	cps
Molybdenum	94-1	7515	7669	7839	7674	2.11	cps
Molybdenum	95-1	903	923	883	903	2.21	cps
Molybdenum	96-1	2687	2584	2474	2581	4.13	cps
Molybdenum	97-1	637	607	500	581	12.36	cps
Molybdenum	98-1	1483	1450	1533	1489	2.82	cps
Neodymium	150-1	17911	17851	18035	17933	0.52	cps
Neodymium	150-2	9867	9790	9507	9721	1.95	cps
Nickel	60-2	58624	58493	58052	58390	0.51	cps
Phosphorus	31-2	3634	3564	3737	3645	2.39	cps
Potassium	39-2	369017	369341	368585	368981	0.10	cps
Rhodium	103-1	3431749	3458049	3416222	3435340	0.62	cps
Rhodium	103-2	1924612	1872946	1879217	1892258	1.49	cps
Scandium	45-1	1984256	2023047	1973802	1993702	1.30	cps
Scandium	45-2	171653	172573	173362	172529	0.50	cps
Selenium	82-1	1257	1377	1316	1317	4.53	cps
Selenium	77-2	140	113	130	128	10.54	cps
Selenium	78-2	443	443	487	458	5.46	cps
Silicon	28-1	4627897	4649455	4616765	4631372	0.36	cps
Silver	107-1	46203	47444	47210	46952	1.40	cps
Silver	109-1	43181	44679	45846	44568	3.00	cps
Sodium	23-2	23091	24246	23979	23772	2.54	cps
Strontium	86-1	29373	29005	28952	29110	0.79	cps
Strontium	88-1	251169	251614	253956	252246	0.59	cps
Sulfur	34-1	107162	108404	106404	107323	0.94	cps
Terbium	159-1	5565390	5429520	5428093	5474334	1.44	cps
Terbium	159-2	3411818	3406054	3444396	3420756	0.60	cps
Thallium	203-1	38869	38661	38932	38821	0.36	cps
Thallium	205-1	93757	94327	93697	93927	0.37	cps
Tin	118-1	4191	4251	4397	4280	2.49	cps
Titanium	47-1	234165	236983	237102	236083	0.70	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:26:55	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4537	4578	4888	4668	4.11	cps
Vanadium	51-2	201696	201727	203449	202290	0.50	cps
Yttrium	89-1	6444669	6356117	6412066	6404284	0.70	cps
Yttrium	89-2	1552761	1517702	1518270	1529578	1.31	cps
Zinc	66-2	54425	54014	54787	54409	0.71	cps
Zirconium	90-1	19273	19199	19173	19215	0.27	cps
Zirconium	91-1	4067	4317	4354	4246	3.67	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1198238	1202467	1213758	1204821	0.67	cps
Antimony	121-1	390410	394665	389386	391487	0.71	cps
Arsenic	75-2	13583	14090	13853	13842	1.83	cps
Barium	135-1	2192174	2222300	2207020	2207164	0.68	cps
Barium	137-1	3766420	3822727	3814786	3801311	0.80	cps
Beryllium	9-1	35462	34801	34743	35002	1.14	cps
Bismuth	209-1	3424656	3441389	3411794	3425947	0.43	cps
Bismuth	209-2	2174767	2612602	2485291	2424220	9.29	cps
Bromine	81-1	6855	6662	6755	6757	1.43	cps
Bromine	81-2	93	70	83	82	14.24	cps
Cadmium	108-1	3104	3280	3000	3128	4.53	cps
Cadmium	106-1	6602	6225	6188	6338	3.61	cps
Cadmium	111-1	51331	50722	50572	50875	0.79	cps
Calcium	43-1	43268	43856	43566	43563	0.68	cps
Calcium	44-1	707615	715979	705997	709864	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	289498	283650	284198	285782	1.13	cps
Cobalt	59-2	1035041	1008990	1014292	1019441	1.35	cps
Copper	63-2	405282	402350	400670	402767	0.58	cps
Dysprosium	156-1	11435	11658	11528	11540	0.97	cps
Dysprosium	156-2	8076	8009	8419	8168	2.70	cps
Erbium	164-1	9457	9700	9700	9619	1.46	cps
Erbium	164-2	5918	5885	6121	5975	2.15	cps
Gadolinium	160-1	10140	10257	10267	10222	0.69	cps
Gadolinium	160-2	7262	6858	6962	7027	2.98	cps
Holmium	165-1	5440809	5485092	5370638	5432180	1.06	cps
Holmium	165-2	3069759	3681923	3449507	3400396	9.09	cps
Indium	115-1	3868200	3916505	3925718	3903475	0.79	cps
Indium	115-2	1059727	1267975	1206366	1178023	9.08	cps
Iron	56-2	40394189	39493284	39728475	39871982	1.17	cps
Iron	57-2	1059354	1040844	1049894	1050031	0.88	cps
Iron	54-2	2234805	2187279	2243233	2221772	1.36	cps
Krypton	83-1	77	97	127	100	25.17	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	161922	162371	163298	162530	0.43	cps
Lead	207-1	145300	147919	147096	146772	0.91	cps
Lead	208-1	654948	660990	664856	660265	0.76	cps
Lithium	6-1	914344	911935	908688	911656	0.31	cps
Magnesium	24-2	623124	614108	613205	616813	0.89	cps
Manganese	55-2	1015279	991654	1006926	1004620	1.19	cps
Molybdenum	94-1	7265	7262	7445	7324	1.43	cps
Molybdenum	95-1	890	913	807	870	6.45	cps
Molybdenum	96-1	2514	2650	2500	2555	3.25	cps
Molybdenum	97-1	620	550	503	558	10.53	cps
Molybdenum	98-1	1467	1397	1497	1453	3.53	cps
Neodymium	150-1	17564	17755	17805	17708	0.72	cps
Neodymium	150-2	9653	9390	9400	9481	1.58	cps
Nickel	60-2	255509	251606	252936	253351	0.78	cps
Phosphorus	31-2	3747	3460	3504	3570	4.33	cps
Potassium	39-2	367004	358202	361184	362130	1.24	cps
Rhodium	103-1	3411888	3458786	3427082	3432586	0.70	cps
Rhodium	103-2	1659409	1964946	1913015	1845790	8.86	cps
Scandium	45-1	1982364	1974194	1967804	1974787	0.37	cps
Scandium	45-2	150171	178791	171151	166704	8.89	cps
Selenium	82-1	6275	6480	6460	6405	1.76	cps
Selenium	77-2	633	630	643	636	1.09	cps
Selenium	78-2	2157	1943	1897	1999	6.94	cps
Silicon	28-1	4524934	4578969	4553411	4552438	0.59	cps
Silver	107-1	219480	220153	223314	220982	0.93	cps
Silver	109-1	211035	208842	212588	210821	0.89	cps
Sodium	23-2	23508	23635	23675	23606	0.37	cps
Strontium	86-1	28164	28538	27977	28226	1.01	cps
Strontium	88-1	247601	249462	245419	247494	0.82	cps
Sulfur	34-1	105249	105346	103679	104758	0.89	cps
Terbium	159-1	5583698	5530408	5474077	5529395	0.99	cps
Terbium	159-2	2933850	3547501	3267517	3249623	9.45	cps
Thallium	203-1	190817	193511	194032	192787	0.90	cps
Thallium	205-1	457092	457912	462721	459242	0.66	cps
Tin	118-1	4414	4251	4184	4283	2.76	cps
Titanium	47-1	230225	231747	230364	230779	0.36	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4H3SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 19:30:17	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4524	4591	4704	4606	1.98	cps
Vanadium	51-2	668940	656288	660538	661922	0.97	cps
Yttrium	89-1	6506845	6455233	6360698	6440926	1.15	cps
Yttrium	89-2	1339757	1595028	1555219	1496668	9.18	cps
Zinc	66-2	146113	143565	144353	144677	0.90	cps
Zirconium	90-1	19059	19006	18632	18899	1.23	cps
Zirconium	91-1	4431	4287	4277	4332	1.98	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:33:33	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5126550	5142293	5135007	5134617	0.15	cps
Antimony	121-1	2605835	2626383	2655875	2629364	0.96	cps
Arsenic	75-2	107764	107224	107522	107503	0.25	cps
Barium	135-1	3480206	3524445	3600558	3535070	1.72	cps
Barium	137-1	6063078	6098454	6121522	6094351	0.48	cps
Beryllium	9-1	491688	497668	503598	497651	1.20	cps
Bismuth	209-1	3159657	3185734	3147898	3164430	0.61	cps
Bismuth	209-2	2262400	2235009	2247057	2248155	0.61	cps
Bromine	81-1	6385	6598	6572	6518	1.78	cps
Bromine	81-2	53	47	43	48	10.66	cps
Cadmium	108-1	45224	45575	45993	45597	0.84	cps
Cadmium	106-1	67516	67362	67067	67315	0.34	cps
Cadmium	111-1	606374	607850	606898	607041	0.12	cps
Calcium	43-1	3018471	3078851	3105016	3067446	1.45	cps
Calcium	44-1	48192006	48517411	49417843	48709086	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	872330	888837	876417	879195	0.98	cps
Cobalt	59-2	1283717	1282419	1282146	1282760	0.07	cps
Copper	63-2	8456146	8525563	8459613	8480441	0.46	cps
Dysprosium	156-1	533	520	497	517	3.59	cps
Dysprosium	156-2	333	273	330	312	10.80	cps
Erbium	164-1	130	133	117	127	6.96	cps
Erbium	164-2	47	87	107	80	38.19	cps
Gadolinium	160-1	163	170	193	176	8.97	cps
Gadolinium	160-2	210	230	223	221	4.61	cps
Holmium	165-1	5177682	5247319	5251532	5225511	0.79	cps
Holmium	165-2	3440948	3373427	3372988	3395787	1.15	cps
Indium	115-1	3200693	3189681	3187300	3192558	0.22	cps
Indium	115-2	964010	969799	969806	967871	0.35	cps
Iron	56-2	183580897	183670291	184002797	183751328	0.12	cps
Iron	57-2	4588071	4614001	4534555	4578875	0.88	cps
Iron	54-2	10043835	10040139	9971498	10018491	0.41	cps
Krypton	83-1	57	107	117	93	34.44	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:33:33	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10753991	10899943	11174320	10942751	1.95	cps
Lead	207-1	9600772	9640628	9783031	9674810	0.99	cps
Lead	208-1	43722180	44011242	44469111	44067511	0.85	cps
Lithium	6-1	855872	857100	863100	858691	0.45	cps
Magnesium	24-2	42176029	42145569	42447169	42256256	0.39	cps
Manganese	55-2	6538522	6591020	6580433	6569992	0.42	cps
Molybdenum	94-1	7639224	7636938	7692211	7656125	0.41	cps
Molybdenum	95-1	10846722	10851737	11020734	10906398	0.91	cps
Molybdenum	96-1	11896468	11771047	11978626	11882047	0.88	cps
Molybdenum	97-1	6760923	6719861	6830231	6770338	0.82	cps
Molybdenum	98-1	17542128	17550509	17580666	17557768	0.12	cps
Neodymium	150-1	330	383	410	374	10.88	cps
Neodymium	150-2	103	110	97	103	6.45	cps
Nickel	60-2	313252	312054	310913	312073	0.37	cps
Phosphorus	31-2	4988	5221	5378	5195	3.78	cps
Potassium	39-2	24996633	25158504	24859181	25004773	0.60	cps
Rhodium	103-1	3053479	2999037	2981808	3011441	1.24	cps
Rhodium	103-2	1686195	1673182	1666282	1675219	0.60	cps
Scandium	45-1	1869117	1857444	1848334	1858299	0.56	cps
Scandium	45-2	163475	163882	163734	163697	0.13	cps
Selenium	82-1	34238	34482	34962	34561	1.06	cps
Selenium	77-2	3254	3010	3397	3220	6.07	cps
Selenium	78-2	10998	10250	10754	10667	3.57	cps
Silicon	28-1	22520975	21865787	21749983	22045582	1.89	cps
Silver	107-1	2921984	2890901	2937387	2916757	0.81	cps
Silver	109-1	2763222	2797318	2801753	2787431	0.76	cps
Sodium	23-2	70385949	71171902	71614357	71057403	0.88	cps
Strontium	86-1	19120128	19311430	19459520	19297026	0.88	cps
Strontium	88-1	169331744	170740591	170491804	170188046	0.44	cps
Sulfur	34-1	294474	296785	300179	297146	0.97	cps
Terbium	159-1	5301461	5364420	5328481	5331454	0.59	cps
Terbium	159-2	3233024	3339959	3322834	3298606	1.74	cps
Thallium	203-1	2751676	2766814	2798299	2772263	0.86	cps
Thallium	205-1	6669201	6758595	6814377	6747391	1.09	cps
Tin	118-1	19365533	19400246	19340462	19368747	0.15	cps
Titanium	47-1	2480080	2525758	2545805	2517214	1.34	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV002	Instrumnet Name :	P7
Client Sample ID :	CCV002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:33:33	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9525519	9650394	9779978	9651964	1.32	cps
Vanadium	51-2	799204	804616	802344	802055	0.34	cps
Yttrium	89-1	6077353	6003945	6010352	6030550	0.67	cps
Yttrium	89-2	1463189	1471454	1471667	1468770	0.33	cps
Zinc	66-2	1423407	1428186	1429032	1426875	0.21	cps
Zirconium	90-1	4105208	4148182	4150127	4134506	0.61	cps
Zirconium	91-1	922938	932789	936574	930767	0.76	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:36:28	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	187	247	211	14.92	cps
Antimony	121-1	1207	1313	1323	1281	5.05	cps
Arsenic	75-2	13	10	0	8	89.21	cps
Barium	135-1	233	177	197	202	14.21	cps
Barium	137-1	347	320	323	330	4.40	cps
Beryllium	9-1	171	214	177	188	12.39	cps
Bismuth	209-1	3568342	3609300	3569133	3582258	0.65	cps
Bismuth	209-2	2543172	2540167	2509611	2530983	0.73	cps
Bromine	81-1	6702	6735	6662	6699	0.55	cps
Bromine	81-2	33	7	33	24	62.97	cps
Cadmium	108-1	7	7	3	6	34.70	cps
Cadmium	106-1	1927	1880	1973	1927	2.42	cps
Cadmium	111-1	1387	1358	1422	1389	2.32	cps
Calcium	43-1	237	187	193	206	13.21	cps
Calcium	44-1	4114	3767	3617	3833	6.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263	183	237	228	17.88	cps
Cobalt	59-2	197	123	143	154	24.55	cps
Copper	63-2	997	1017	1050	1021	2.64	cps
Dysprosium	156-1	433	337	343	371	14.55	cps
Dysprosium	156-2	50	73	70	64	19.58	cps
Erbium	164-1	20	13	27	20	33.35	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	7	27	20	18	57.27	cps
Gadolinium	160-2	100	120	167	129	26.54	cps
Holmium	165-1	5488752	5591540	5403503	5494598	1.71	cps
Holmium	165-2	3496497	3487957	3454044	3479499	0.65	cps
Indium	115-1	3939954	3947891	3877517	3921787	0.98	cps
Indium	115-2	1212623	1213556	1201550	1209243	0.55	cps
Iron	56-2	16913	16836	17660	17137	2.66	cps
Iron	57-2	740	843	763	782	6.93	cps
Iron	54-2	1577	1490	1497	1521	3.17	cps
Krypton	83-1	63	77	83	74	13.68	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:36:28	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1067	847	783	899	16.54	cps
Lead	207-1	907	807	647	787	16.67	cps
Lead	208-1	4067	3540	2913	3507	16.47	cps
Lithium	6-1	939913	936742	933677	936777	0.33	cps
Magnesium	24-2	2090	2317	2397	2268	7.01	cps
Manganese	55-2	693	780	653	709	9.13	cps
Molybdenum	94-1	537	453	553	514	10.42	cps
Molybdenum	95-1	690	513	590	598	14.82	cps
Molybdenum	96-1	753	703	607	688	10.84	cps
Molybdenum	97-1	403	297	370	357	15.30	cps
Molybdenum	98-1	1103	903	893	967	12.25	cps
Neodymium	150-1	10	20	3	11	75.52	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	70	83	87	80	11.02	cps
Phosphorus	31-2	117	100	87	101	14.87	cps
Potassium	39-2	31402	32091	32117	31870	1.27	cps
Rhodium	103-1	3413625	3434188	3447242	3431685	0.49	cps
Rhodium	103-2	1920799	1922443	1916848	1920030	0.15	cps
Scandium	45-1	1954547	1952865	1915349	1940920	1.14	cps
Scandium	45-2	171245	169734	170065	170348	0.47	cps
Selenium	82-1	172	101	143	139	25.84	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	97	93	83	91	7.62	cps
Silicon	28-1	160482	153001	146182	153222	4.67	cps
Silver	107-1	447	333	283	354	23.61	cps
Silver	109-1	427	273	290	330	25.49	cps
Sodium	23-2	15444	14934	14881	15086	2.06	cps
Strontium	86-1	637	480	533	550	14.48	cps
Strontium	88-1	4961	3660	3190	3937	23.29	cps
Sulfur	34-1	120813	122086	122059	121653	0.60	cps
Terbium	159-1	5557635	5582252	5576543	5572143	0.23	cps
Terbium	159-2	3388235	3316319	3413471	3372675	1.49	cps
Thallium	203-1	383	330	340	351	8.07	cps
Thallium	205-1	1080	873	793	916	16.16	cps
Tin	118-1	2860	2780	2914	2851	2.35	cps
Titanium	47-1	180	250	217	216	16.25	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB002	Instrumnet Name :	P7
Client Sample ID :	CCB002	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:36:28	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	257	203	183	214	17.68	cps
Vanadium	51-2	27	33	23	28	18.33	cps
Yttrium	89-1	6337353	6321035	6269521	6309303	0.56	cps
Yttrium	89-2	1495685	1525376	1487973	1503011	1.31	cps
Zinc	66-2	193	120	153	156	23.61	cps
Zirconium	90-1	483	457	523	488	6.88	cps
Zirconium	91-1	97	93	90	93	3.57	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BL	Instrumnet Name :	P7
Client Sample ID :	PBS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:39:48	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	107	103	126	28.39	cps
Antimony	121-1	267	407	370	348	20.88	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	153	140	157	150	5.88	cps
Barium	137-1	227	230	210	222	4.82	cps
Beryllium	9-1	120	134	140	131	7.73	cps
Bismuth	209-1	3557229	3490214	3566948	3538130	1.18	cps
Bismuth	209-2	2594361	2507679	2622000	2574680	2.32	cps
Bromine	81-1	6418	6451	6505	6458	0.68	cps
Bromine	81-2	13	20	17	17	20.01	cps
Cadmium	108-1	13	13	0	9	86.60	cps
Cadmium	106-1	1967	1757	1943	1889	6.09	cps
Cadmium	111-1	1381	1234	1380	1332	6.37	cps
Calcium	43-1	163	137	153	151	8.92	cps
Calcium	44-1	2877	2954	3040	2957	2.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233	200	273	236	15.59	cps
Cobalt	59-2	150	147	150	149	1.29	cps
Copper	63-2	707	507	703	639	17.93	cps
Dysprosium	156-1	303	370	320	331	10.48	cps
Dysprosium	156-2	67	60	83	70	17.17	cps
Erbium	164-1	17	27	13	19	36.75	cps
Erbium	164-2	23	3	20	16	68.90	cps
Gadolinium	160-1	7	3	7	6	34.70	cps
Gadolinium	160-2	143	163	107	138	20.86	cps
Holmium	165-1	5539441	5595448	5471271	5535387	1.12	cps
Holmium	165-2	3528237	3476786	3647438	3550820	2.47	cps
Indium	115-1	3979490	3955306	3973484	3969427	0.32	cps
Indium	115-2	1236759	1219082	1279381	1245074	2.49	cps
Iron	56-2	12072	12218	12679	12323	2.57	cps
Iron	57-2	747	623	663	678	9.28	cps
Iron	54-2	1193	1267	1167	1209	4.28	cps
Krypton	83-1	90	107	83	93	12.88	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BL	Instrumnet Name :	P7
Client Sample ID :	PBS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:39:48	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	477	447	470	464	3.39	cps
Lead	207-1	383	437	453	424	8.62	cps
Lead	208-1	2083	2017	1860	1987	5.77	cps
Lithium	6-1	936418	937553	940836	938269	0.24	cps
Magnesium	24-2	1640	1407	1730	1592	10.48	cps
Manganese	55-2	470	653	583	569	16.26	cps
Molybdenum	94-1	190	193	253	212	16.80	cps
Molybdenum	95-1	173	127	183	161	18.77	cps
Molybdenum	96-1	217	207	220	214	3.24	cps
Molybdenum	97-1	120	110	73	101	24.30	cps
Molybdenum	98-1	203	293	260	252	18.04	cps
Neodymium	150-1	3	0	7	3	100.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	80	47	69	27.93	cps
Phosphorus	31-2	110	100	97	102	6.79	cps
Potassium	39-2	30327	30414	30113	30285	0.51	cps
Rhodium	103-1	3491858	3508947	3467506	3489437	0.60	cps
Rhodium	103-2	1937994	1902878	1991903	1944258	2.31	cps
Scandium	45-1	1978230	1938164	1972667	1963020	1.11	cps
Scandium	45-2	173645	170507	179424	174525	2.59	cps
Selenium	82-1	115	123	170	136	21.79	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	100	90	100	97	5.97	cps
Silicon	28-1	131038	131212	133626	131958	1.10	cps
Silver	107-1	160	147	143	150	5.88	cps
Silver	109-1	127	157	140	141	10.65	cps
Sodium	23-2	12192	12468	12288	12316	1.14	cps
Strontium	86-1	300	267	203	257	19.13	cps
Strontium	88-1	1103	997	897	999	10.35	cps
Sulfur	34-1	122752	123826	121448	122675	0.97	cps
Terbium	159-1	5598306	5495201	5510355	5534621	1.01	cps
Terbium	159-2	3385474	3367467	3548853	3433931	2.91	cps
Thallium	203-1	247	123	190	187	33.07	cps
Thallium	205-1	443	387	397	409	7.40	cps
Tin	118-1	1493	1433	1640	1522	6.98	cps
Titanium	47-1	87	117	93	99	15.93	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BL	Instrumnet Name :	P7
Client Sample ID :	PBS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:39:48	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	63	53	53	57	10.19	cps
Vanadium	51-2	30	13	13	19	50.96	cps
Yttrium	89-1	6297365	6300462	6339473	6312433	0.37	cps
Yttrium	89-2	1518717	1523014	1561154	1534295	1.52	cps
Zinc	66-2	160	153	207	173	16.76	cps
Zirconium	90-1	290	330	407	342	17.32	cps
Zirconium	91-1	80	90	83	84	6.03	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BS	Instrumnet Name :	P7
Client Sample ID :	LCS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:43:11	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4714	4661	4657	4677	0.68	cps
Antimony	121-1	21540	21439	22170	21716	1.83	cps
Arsenic	75-2	500	463	413	459	9.48	cps
Barium	135-1	28261	28268	27720	28083	1.12	cps
Barium	137-1	48145	47800	48502	48149	0.73	cps
Beryllium	9-1	1914	1961	2078	1984	4.24	cps
Bismuth	209-1	3583743	3541245	3186692	3437227	6.34	cps
Bismuth	209-2	2514464	2535242	2543512	2531073	0.59	cps
Bromine	81-1	6638	6328	6468	6478	2.40	cps
Bromine	81-2	17	17	13	16	12.40	cps
Cadmium	108-1	187	233	237	219	12.77	cps
Cadmium	106-1	2194	2157	2150	2167	1.08	cps
Cadmium	111-1	4305	4027	4366	4233	4.28	cps
Calcium	43-1	13456	13623	13900	13660	1.64	cps
Calcium	44-1	219877	221105	224568	221850	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8399	8469	8209	8359	1.61	cps
Cobalt	59-2	5845	5691	6095	5877	3.47	cps
Copper	63-2	8986	8696	8676	8786	1.98	cps
Dysprosium	156-1	273	377	270	307	19.78	cps
Dysprosium	156-2	37	70	87	64	39.50	cps
Erbium	164-1	17	30	20	22	31.22	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	7	7	10	8	24.71	cps
Gadolinium	160-2	143	83	127	118	26.30	cps
Holmium	165-1	5518777	5636833	4942998	5366203	6.92	cps
Holmium	165-2	3533403	3522347	3483325	3513025	0.75	cps
Indium	115-1	3974532	4015934	3623976	3871481	5.56	cps
Indium	115-2	1238555	1240099	1224941	1234532	0.68	cps
Iron	56-2	705715	712408	708460	708861	0.47	cps
Iron	57-2	18114	18305	18308	18242	0.61	cps
Iron	54-2	39575	39903	39264	39581	0.81	cps
Krypton	83-1	87	83	80	83	4.00	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BS	Instrumnet Name :	P7
Client Sample ID :	LCS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:43:11	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9053	9440	9003	9165	2.61	cps
Lead	207-1	7966	8373	8132	8157	2.51	cps
Lead	208-1	36620	37033	37100	36918	0.70	cps
Lithium	6-1	951763	946981	854861	917869	5.95	cps
Magnesium	24-2	205929	205956	203646	205177	0.65	cps
Manganese	55-2	3434	3524	3457	3472	1.35	cps
Molybdenum	94-1	20845	20848	20865	20853	0.05	cps
Molybdenum	95-1	25155	25218	25275	25216	0.24	cps
Molybdenum	96-1	28481	28601	28414	28499	0.33	cps
Molybdenum	97-1	15945	15759	16042	15915	0.91	cps
Molybdenum	98-1	40984	42171	42251	41802	1.70	cps
Neodymium	150-1	13	13	10	12	15.73	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1507	1430	1567	1501	4.56	cps
Phosphorus	31-2	110	117	127	118	7.12	cps
Potassium	39-2	264445	266039	261873	264119	0.80	cps
Rhodium	103-1	3487788	3450856	3120413	3353019	6.03	cps
Rhodium	103-2	1946903	1946788	1922964	1938885	0.71	cps
Scandium	45-1	2047586	1989511	1786154	1941084	7.07	cps
Scandium	45-2	175759	175283	172924	174655	0.87	cps
Selenium	82-1	916	936	899	917	2.04	cps
Selenium	77-2	70	80	80	77	7.53	cps
Selenium	78-2	360	337	383	360	6.48	cps
Silicon	28-1	178107	180585	181732	180141	1.03	cps
Silver	107-1	12265	12472	12946	12561	2.78	cps
Silver	109-1	11681	12249	12038	11989	2.39	cps
Sodium	23-2	328169	328792	331057	329339	0.46	cps
Strontium	86-1	3474	3604	3410	3496	2.82	cps
Strontium	88-1	29135	29740	29690	29522	1.14	cps
Sulfur	34-1	126055	124200	124348	124867	0.83	cps
Terbium	159-1	5603188	5598644	5049755	5417196	5.87	cps
Terbium	159-2	3458141	3450593	3464882	3457872	0.21	cps
Thallium	203-1	10564	10618	10204	10462	2.15	cps
Thallium	205-1	25180	25133	25925	25413	1.75	cps
Tin	118-1	1390	1470	1493	1451	3.73	cps
Titanium	47-1	6141	5754	6431	6109	5.56	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BS	Instrumnet Name :	P7
Client Sample ID :	LCS773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:43:11	DataFile Name :	045LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34157	34762	35039	34653	1.30	cps
Vanadium	51-2	16566	16532	16706	16601	0.55	cps
Yttrium	89-1	6523408	6408528	5794481	6242139	6.28	cps
Yttrium	89-2	1518110	1577982	1511842	1535978	2.38	cps
Zinc	66-2	3444	3594	3731	3589	4.00	cps
Zirconium	90-1	16536	16549	16933	16673	1.35	cps
Zirconium	91-1	3754	3670	3694	3706	1.16	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:46:30	DataFile Name :	046LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2484	2514	2254	2417	5.89	cps
Antimony	121-1	11244	11475	10964	11228	2.28	cps
Arsenic	75-2	297	327	203	276	23.34	cps
Barium	135-1	14347	14514	14654	14505	1.06	cps
Barium	137-1	24324	24975	24815	24705	1.37	cps
Beryllium	9-1	1074	1031	1167	1091	6.40	cps
Bismuth	209-1	3587156	3595002	3555917	3579359	0.58	cps
Bismuth	209-2	2586028	2557816	2574652	2572832	0.55	cps
Bromine	81-1	6508	6728	6592	6609	1.68	cps
Bromine	81-2	27	30	20	26	19.92	cps
Cadmium	108-1	90	120	127	112	17.41	cps
Cadmium	106-1	2094	2170	1930	2065	5.94	cps
Cadmium	111-1	2893	3052	2736	2893	5.46	cps
Calcium	43-1	7042	7145	6962	7049	1.30	cps
Calcium	44-1	114672	115237	116597	115502	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4441	4581	4341	4454	2.71	cps
Cobalt	59-2	2894	3087	3070	3017	3.55	cps
Copper	63-2	4884	4704	4494	4694	4.16	cps
Dysprosium	156-1	313	317	340	323	4.49	cps
Dysprosium	156-2	57	57	53	56	3.47	cps
Erbium	164-1	43	30	30	34	22.34	cps
Erbium	164-2	10	17	30	19	53.91	cps
Gadolinium	160-1	7	0	23	10	120.16	cps
Gadolinium	160-2	190	137	150	159	17.47	cps
Holmium	165-1	5540795	5622746	5541214	5568251	0.85	cps
Holmium	165-2	3537311	3503684	3465539	3502178	1.03	cps
Indium	115-1	4044087	4063383	4071481	4059650	0.35	cps
Indium	115-2	1249021	1239249	1244178	1244149	0.39	cps
Iron	56-2	370187	368139	369326	369217	0.28	cps
Iron	57-2	9633	9717	9513	9621	1.06	cps
Iron	54-2	20798	21182	21118	21033	0.98	cps
Krypton	83-1	90	77	73	80	11.02	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:46:30	DataFile Name :	046LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4838	4868	4794	4833	0.76	cps
Lead	207-1	4434	4314	4027	4258	4.91	cps
Lead	208-1	19699	19602	19192	19498	1.38	cps
Lithium	6-1	947878	950708	958949	952512	0.60	cps
Magnesium	24-2	106320	105726	105726	105924	0.32	cps
Manganese	55-2	2100	2087	2110	2099	0.56	cps
Molybdenum	94-1	10671	10454	10581	10568	1.03	cps
Molybdenum	95-1	13066	12949	13229	13081	1.08	cps
Molybdenum	96-1	13977	15108	14978	14687	4.21	cps
Molybdenum	97-1	8279	8192	8126	8199	0.94	cps
Molybdenum	98-1	21122	21539	21289	21317	0.99	cps
Neodymium	150-1	7	10	0	6	91.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	777	880	797	818	6.70	cps
Phosphorus	31-2	113	80	153	116	31.78	cps
Potassium	39-2	149570	150024	149651	149748	0.16	cps
Rhodium	103-1	3612656	3575653	3553687	3580665	0.83	cps
Rhodium	103-2	1971555	1952295	1956331	1960061	0.52	cps
Scandium	45-1	2023131	2017175	2037453	2025920	0.51	cps
Scandium	45-2	174724	176376	172887	174662	1.00	cps
Selenium	82-1	510	492	582	528	9.01	cps
Selenium	77-2	47	47	40	44	8.66	cps
Selenium	78-2	243	207	227	226	8.14	cps
Silicon	28-1	154239	157297	158604	156713	1.43	cps
Silver	107-1	6168	6618	6875	6554	5.46	cps
Silver	109-1	6335	6168	6185	6229	1.47	cps
Sodium	23-2	172993	174439	173387	173606	0.43	cps
Strontium	86-1	1850	2067	1820	1912	7.04	cps
Strontium	88-1	15145	15919	15225	15429	2.76	cps
Sulfur	34-1	125252	125392	123665	124770	0.77	cps
Terbium	159-1	5697749	5637644	5678202	5671199	0.54	cps
Terbium	159-2	3504915	3467473	3473745	3482044	0.58	cps
Thallium	203-1	5358	5388	5294	5347	0.89	cps
Thallium	205-1	13527	13190	12973	13230	2.11	cps
Tin	118-1	1227	1253	1283	1255	2.26	cps
Titanium	47-1	3264	3134	3347	3248	3.31	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163773BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD773	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:46:30	DataFile Name :	046LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18179	17351	17952	17828	2.40	cps
Vanadium	51-2	8402	8633	8512	8516	1.35	cps
Yttrium	89-1	6535488	6485865	6547323	6522892	0.50	cps
Yttrium	89-2	1537086	1550591	1537674	1541784	0.50	cps
Zinc	66-2	1810	2057	1990	1952	6.54	cps
Zirconium	90-1	8979	8819	8489	8763	2.85	cps
Zirconium	91-1	1857	1957	1900	1905	2.63	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BL	Instrumnet Name :	P7
Client Sample ID :	PBS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:49:52	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	80	87	93	18.90	cps
Antimony	121-1	117	120	113	117	2.85	cps
Arsenic	75-2	0	0	0	0	0.00	cps
Barium	135-1	127	120	93	113	15.57	cps
Barium	137-1	120	160	147	142	14.32	cps
Beryllium	9-1	67	87	107	87	23.06	cps
Bismuth	209-1	3689198	3237431	3673755	3533461	7.26	cps
Bismuth	209-2	2547884	2574553	2592220	2571552	0.87	cps
Bromine	81-1	6942	6808	6965	6905	1.22	cps
Bromine	81-2	13	13	23	17	34.65	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Cadmium	106-1	2033	1663	2054	1917	11.46	cps
Cadmium	111-1	1427	1168	1437	1344	11.37	cps
Calcium	43-1	107	140	170	139	22.81	cps
Calcium	44-1	3040	2660	2887	2863	6.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247	250	217	238	7.72	cps
Cobalt	59-2	140	117	113	123	11.78	cps
Copper	63-2	457	457	457	457	0.00	cps
Dysprosium	156-1	317	303	313	311	2.23	cps
Dysprosium	156-2	53	67	67	62	12.38	cps
Erbium	164-1	10	30	27	22	48.22	cps
Erbium	164-2	3	20	27	17	72.13	cps
Gadolinium	160-1	10	7	20	12	56.76	cps
Gadolinium	160-2	137	153	143	144	5.81	cps
Holmium	165-1	5674159	5054002	5710169	5479443	6.73	cps
Holmium	165-2	3492189	3591431	3569242	3550954	1.47	cps
Indium	115-1	4181089	3720553	4218151	4039931	6.86	cps
Indium	115-2	1262531	1264068	1258181	1261593	0.24	cps
Iron	56-2	10284	9957	10297	10179	1.89	cps
Iron	57-2	597	620	607	608	1.93	cps
Iron	54-2	1217	1223	1143	1195	3.72	cps
Krypton	83-1	123	83	93	100	20.82	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BL	Instrumnet Name :	P7
Client Sample ID :	PBS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:49:52	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323	313	337	324	3.61	cps
Lead	207-1	273	287	290	283	3.11	cps
Lead	208-1	1260	1290	1213	1254	3.08	cps
Lithium	6-1	960824	862475	970415	931238	6.42	cps
Magnesium	24-2	1670	1620	1603	1631	2.13	cps
Manganese	55-2	370	403	507	427	16.70	cps
Molybdenum	94-1	240	180	227	216	14.62	cps
Molybdenum	95-1	57	60	50	56	9.17	cps
Molybdenum	96-1	130	153	190	158	19.17	cps
Molybdenum	97-1	47	60	27	44	37.74	cps
Molybdenum	98-1	63	97	110	90	26.71	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	43	40	80	54	40.77	cps
Phosphorus	31-2	123	107	143	124	14.75	cps
Potassium	39-2	30764	30437	31032	30744	0.97	cps
Rhodium	103-1	3650132	3272142	3642096	3521457	6.13	cps
Rhodium	103-2	2005612	2040941	1971029	2005861	1.74	cps
Scandium	45-1	2070414	1829009	2069559	1989661	6.99	cps
Scandium	45-2	178625	178312	179057	178665	0.21	cps
Selenium	82-1	98	144	128	123	19.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	123	147	100	123	18.92	cps
Silicon	28-1	130886	132426	132328	131880	0.65	cps
Silver	107-1	140	140	110	130	13.32	cps
Silver	109-1	87	87	87	87	0.00	cps
Sodium	23-2	9303	9273	9153	9243	0.86	cps
Strontium	86-1	133	153	137	141	7.59	cps
Strontium	88-1	240	257	247	248	3.39	cps
Sulfur	34-1	124563	125877	127816	126085	1.30	cps
Terbium	159-1	5751282	5131604	5838370	5573752	6.91	cps
Terbium	159-2	3458780	3515430	3466722	3480311	0.88	cps
Thallium	203-1	93	87	93	91	4.22	cps
Thallium	205-1	230	227	207	221	5.71	cps
Tin	118-1	1140	1594	1197	1310	18.86	cps
Titanium	47-1	93	70	73	79	16.00	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BL	Instrumnet Name :	P7
Client Sample ID :	PBS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:49:52	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	7	13	43.29	cps
Vanadium	51-2	7	10	0	6	91.64	cps
Yttrium	89-1	6610233	5957517	6719489	6429079	6.41	cps
Yttrium	89-2	1562631	1559666	1555849	1559382	0.22	cps
Zinc	66-2	147	137	127	137	7.32	cps
Zirconium	90-1	467	507	447	473	6.45	cps
Zirconium	91-1	127	97	113	112	13.39	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BS	Instrumnet Name :	P7
Client Sample ID :	LCS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:53:13	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4821	4891	4731	4814	1.67	cps
Antimony	121-1	21767	22277	22157	22067	1.21	cps
Arsenic	75-2	573	580	480	544	10.27	cps
Barium	135-1	28619	28332	28575	28509	0.54	cps
Barium	137-1	48927	49874	49890	49564	1.11	cps
Beryllium	9-1	1971	2121	2045	2046	3.67	cps
Bismuth	209-1	3630258	3649176	3584992	3621475	0.91	cps
Bismuth	209-2	2558439	2160158	2656569	2458389	10.69	cps
Bromine	81-1	7028	6715	6895	6879	2.29	cps
Bromine	81-2	7	20	27	18	57.27	cps
Cadmium	108-1	213	223	237	224	5.21	cps
Cadmium	106-1	2327	2367	2244	2312	2.72	cps
Cadmium	111-1	4653	4401	4322	4459	3.88	cps
Calcium	43-1	13910	14494	14073	14159	2.13	cps
Calcium	44-1	229822	230071	229212	229702	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8739	8429	8733	8634	2.05	cps
Cobalt	59-2	6098	5915	5978	5997	1.55	cps
Copper	63-2	8723	9100	8953	8925	2.13	cps
Dysprosium	156-1	313	303	317	311	2.23	cps
Dysprosium	156-2	47	63	70	60	20.03	cps
Erbium	164-1	10	23	20	18	39.03	cps
Erbium	164-2	13	23	17	18	28.64	cps
Gadolinium	160-1	23	20	10	18	39.03	cps
Gadolinium	160-2	123	160	160	148	14.32	cps
Holmium	165-1	5628160	5633421	5544016	5601866	0.90	cps
Holmium	165-2	3561331	2982864	3713377	3419190	11.27	cps
Indium	115-1	4109258	4097417	4151075	4119250	0.68	cps
Indium	115-2	1250424	1058285	1295206	1201305	10.48	cps
Iron	56-2	734025	737856	737484	736455	0.29	cps
Iron	57-2	18919	18895	19082	18965	0.54	cps
Iron	54-2	41457	41798	40952	41402	1.03	cps
Krypton	83-1	113	83	57	84	33.57	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BS	Instrumnet Name :	P7
Client Sample ID :	LCS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:53:13	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9073	8970	9086	9043	0.71	cps
Lead	207-1	8353	7952	7689	7998	4.18	cps
Lead	208-1	37327	36810	36673	36937	0.93	cps
Lithium	6-1	954040	955596	958078	955905	0.21	cps
Magnesium	24-2	209618	210617	210655	210297	0.28	cps
Manganese	55-2	3497	3700	3747	3648	3.64	cps
Molybdenum	94-1	21209	21349	21276	21278	0.33	cps
Molybdenum	95-1	26574	26170	25806	26184	1.47	cps
Molybdenum	96-1	29022	29089	28945	29019	0.25	cps
Molybdenum	97-1	16579	16549	16640	16590	0.28	cps
Molybdenum	98-1	42826	42783	42886	42831	0.12	cps
Neodymium	150-1	20	10	17	16	32.73	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1667	1683	1653	1668	0.90	cps
Phosphorus	31-2	100	107	107	104	3.69	cps
Potassium	39-2	271582	273812	272308	272568	0.42	cps
Rhodium	103-1	3608989	3605726	3618025	3610913	0.18	cps
Rhodium	103-2	1972043	1705719	2030152	1902638	9.09	cps
Scandium	45-1	2083153	2086502	2044082	2071246	1.14	cps
Scandium	45-2	177156	149853	183561	170190	10.52	cps
Selenium	82-1	924	981	1066	990	7.21	cps
Selenium	77-2	73	77	60	70	12.60	cps
Selenium	78-2	357	420	340	372	11.34	cps
Silicon	28-1	179459	180271	184326	181352	1.44	cps
Silver	107-1	12352	13123	13213	12896	3.67	cps
Silver	109-1	12165	12409	12299	12291	0.99	cps
Sodium	23-2	338404	339360	337800	338522	0.23	cps
Strontium	86-1	3504	3497	3620	3540	1.96	cps
Strontium	88-1	30144	30792	30762	30566	1.20	cps
Sulfur	34-1	128723	127873	128767	128454	0.39	cps
Terbium	159-1	5756484	5740842	5723905	5740410	0.28	cps
Terbium	159-2	3468938	2965489	3561884	3332104	9.63	cps
Thallium	203-1	11141	10701	10771	10871	2.18	cps
Thallium	205-1	26790	25561	25961	26104	2.40	cps
Tin	118-1	1213	1317	1420	1317	7.85	cps
Titanium	47-1	6001	6445	6338	6261	3.70	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BS	Instrumnet Name :	P7
Client Sample ID :	LCS777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:53:13	DataFile Name :	048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	35384	36166	35043	35531	1.62	cps
Vanadium	51-2	16793	16943	17016	16917	0.67	cps
Yttrium	89-1	6636299	6556909	6519153	6570787	0.91	cps
Yttrium	89-2	1562389	1321638	1643834	1509287	11.10	cps
Zinc	66-2	3474	3697	3550	3574	3.18	cps
Zirconium	90-1	17137	17811	17270	17406	2.05	cps
Zirconium	91-1	3721	3791	3871	3794	1.98	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:56:36	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2634	2427	2464	2508	4.40	cps
Antimony	121-1	10831	11458	10984	11091	2.95	cps
Arsenic	75-2	230	307	213	250	19.91	cps
Barium	135-1	14317	14284	14701	14434	1.61	cps
Barium	137-1	24765	25129	24835	24910	0.77	cps
Beryllium	9-1	1091	947	1201	1079	11.77	cps
Bismuth	209-1	3579206	3602349	3632880	3604812	0.75	cps
Bismuth	209-2	2582560	2530885	2550933	2554793	1.02	cps
Bromine	81-1	7165	7042	6855	7021	2.22	cps
Bromine	81-2	17	33	23	24	34.31	cps
Cadmium	108-1	87	147	123	119	25.44	cps
Cadmium	106-1	2224	2190	2067	2160	3.82	cps
Cadmium	111-1	2956	2924	3067	2982	2.52	cps
Calcium	43-1	7238	7218	7115	7191	0.92	cps
Calcium	44-1	116160	118028	117151	117113	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4514	4334	4261	4370	2.98	cps
Cobalt	59-2	3037	3147	3227	3137	3.04	cps
Copper	63-2	4747	4504	4754	4669	3.05	cps
Dysprosium	156-1	257	277	317	283	10.78	cps
Dysprosium	156-2	53	73	80	69	20.15	cps
Erbium	164-1	30	10	33	24	51.62	cps
Erbium	164-2	27	27	17	23	24.74	cps
Gadolinium	160-1	17	13	20	17	20.01	cps
Gadolinium	160-2	133	150	137	140	6.30	cps
Holmium	165-1	5676161	5575146	5476018	5575775	1.79	cps
Holmium	165-2	3533479	3551723	3518744	3534649	0.47	cps
Indium	115-1	4133825	4081333	4070295	4095151	0.83	cps
Indium	115-2	1243699	1245311	1248730	1245913	0.21	cps
Iron	56-2	374156	371603	371979	372579	0.37	cps
Iron	57-2	9760	10063	9887	9903	1.54	cps
Iron	54-2	21619	21075	21309	21334	1.28	cps
Krypton	83-1	97	100	87	94	7.35	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:56:36	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4874	4734	4838	4815	1.51	cps
Lead	207-1	4184	4157	4464	4268	3.98	cps
Lead	208-1	19225	19226	19552	19334	0.98	cps
Lithium	6-1	963893	967613	960080	963862	0.39	cps
Magnesium	24-2	106213	106408	106955	106525	0.36	cps
Manganese	55-2	2137	2210	2104	2150	2.54	cps
Molybdenum	94-1	10891	10647	10974	10837	1.57	cps
Molybdenum	95-1	12902	13006	13116	13008	0.82	cps
Molybdenum	96-1	14924	14704	14741	14790	0.80	cps
Molybdenum	97-1	8222	8412	8239	8291	1.27	cps
Molybdenum	98-1	21012	21686	21352	21350	1.58	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	827	803	837	822	2.08	cps
Phosphorus	31-2	93	137	123	118	18.85	cps
Potassium	39-2	152259	152276	151178	151904	0.41	cps
Rhodium	103-1	3668396	3628253	3579005	3625218	1.24	cps
Rhodium	103-2	1989609	1977113	1951886	1972869	0.97	cps
Scandium	45-1	2102408	2078556	2049548	2076837	1.27	cps
Scandium	45-2	178548	175870	176080	176833	0.84	cps
Selenium	82-1	551	535	616	567	7.56	cps
Selenium	77-2	33	37	27	32	15.80	cps
Selenium	78-2	200	247	240	229	11.03	cps
Silicon	28-1	155707	156987	157673	156789	0.64	cps
Silver	107-1	6608	6425	6538	6524	1.42	cps
Silver	109-1	6308	6251	6205	6255	0.83	cps
Sodium	23-2	173269	171493	175073	173278	1.03	cps
Strontium	86-1	1850	1870	1850	1857	0.62	cps
Strontium	88-1	15285	15361	15622	15423	1.15	cps
Sulfur	34-1	128713	132952	131534	131066	1.65	cps
Terbium	159-1	5701317	5713259	5536774	5650450	1.75	cps
Terbium	159-2	3432229	3378395	3445861	3418828	1.04	cps
Thallium	203-1	5505	5411	5441	5452	0.87	cps
Thallium	205-1	12893	13550	13217	13220	2.49	cps
Tin	118-1	1267	1200	1293	1253	3.84	cps
Titanium	47-1	3444	3390	3404	3413	0.81	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	PB163777BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD777	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:56:36	DataFile Name :	049LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18059	18029	17779	17956	0.86	cps
Vanadium	51-2	8296	8716	8389	8467	2.61	cps
Yttrium	89-1	6617291	6540215	6592088	6583198	0.60	cps
Yttrium	89-2	1549962	1524033	1561491	1545162	1.24	cps
Zinc	66-2	1897	2030	2104	2010	5.21	cps
Zirconium	90-1	8829	8943	8826	8866	0.75	cps
Zirconium	91-1	1937	1830	1947	1905	3.40	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-04	Instrumnet Name :	P7
Client Sample ID :	MYD507	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:59:58	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3553249	3590781	3527075	3557035	0.90	cps
Antimony	121-1	8109	8122	8129	8120	0.13	cps
Arsenic	75-2	16386	16409	16362	16386	0.14	cps
Barium	135-1	373090	373833	371296	372740	0.35	cps
Barium	137-1	649178	659354	652875	653802	0.79	cps
Beryllium	9-1	1448	1542	1489	1493	3.14	cps
Bismuth	209-1	3448486	3516104	3499454	3488015	1.01	cps
Bismuth	209-2	2473847	2529753	2541791	2515131	1.44	cps
Bromine	81-1	7455	7642	8122	7740	4.45	cps
Bromine	81-2	167	207	203	192	11.55	cps
Cadmium	108-1	167	200	220	196	13.78	cps
Cadmium	106-1	2310	2424	2380	2371	2.41	cps
Cadmium	111-1	3097	3143	3172	3138	1.21	cps
Calcium	43-1	154551	155089	156140	155260	0.52	cps
Calcium	44-1	2307383	2340234	2324308	2323975	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65655	64591	65019	65088	0.82	cps
Cobalt	59-2	96665	95612	96085	96120	0.55	cps
Copper	63-2	349515	347420	346759	347898	0.41	cps
Dysprosium	156-1	42608	42380	41765	42251	1.03	cps
Dysprosium	156-2	29975	30122	30486	30195	0.87	cps
Erbium	164-1	33159	33737	33981	33626	1.26	cps
Erbium	164-2	20856	20996	20685	20846	0.75	cps
Gadolinium	160-1	36992	37844	37747	37528	1.24	cps
Gadolinium	160-2	24488	24301	24772	24520	0.97	cps
Holmium	165-1	5734284	5619467	5618495	5657415	1.18	cps
Holmium	165-2	3572616	3525149	3544746	3547503	0.67	cps
Indium	115-1	4081723	4061185	4023808	4055572	0.72	cps
Indium	115-2	1227020	1230638	1226739	1228132	0.18	cps
Iron	56-2	127556708	127650911	126666428	127291349	0.43	cps
Iron	57-2	3194057	3172375	3108340	3158257	1.41	cps
Iron	54-2	6909501	6898730	7016433	6941555	0.94	cps
Krypton	83-1	117	150	130	132	12.69	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-04	Instrumnet Name :	P7
Client Sample ID :	MYD507	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:59:58	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	249653	252133	251134	250973	0.50	cps
Lead	207-1	225869	229202	226319	227130	0.80	cps
Lead	208-1	1005769	1015003	1021751	1014174	0.79	cps
Lithium	6-1	968586	969587	972098	970090	0.19	cps
Magnesium	24-2	2154510	2107716	2040738	2100988	2.72	cps
Manganese	55-2	2052312	2067975	2097041	2072443	1.10	cps
Molybdenum	94-1	22795	23385	23476	23218	1.59	cps
Molybdenum	95-1	2887	2840	2790	2839	1.70	cps
Molybdenum	96-1	8299	8426	8076	8267	2.14	cps
Molybdenum	97-1	1777	1817	1740	1778	2.16	cps
Molybdenum	98-1	4377	4621	4584	4527	2.90	cps
Neodymium	150-1	63984	66047	65347	65126	1.61	cps
Neodymium	150-2	35237	34693	34315	34748	1.33	cps
Nickel	60-2	21839	21806	21839	21828	0.09	cps
Phosphorus	31-2	10444	10193	10397	10345	1.29	cps
Potassium	39-2	1375588	1393106	1391261	1386652	0.69	cps
Rhodium	103-1	3570109	3578864	3510000	3552991	1.06	cps
Rhodium	103-2	1933432	1948651	1924023	1935369	0.64	cps
Scandium	45-1	2187725	2209615	2163874	2187071	1.05	cps
Scandium	45-2	185270	187113	186266	186216	0.50	cps
Selenium	82-1	220	213	238	224	5.72	cps
Selenium	77-2	113	83	67	88	26.94	cps
Selenium	78-2	220	193	170	194	12.87	cps
Silicon	28-1	17062386	17218544	17140152	17140361	0.46	cps
Silver	107-1	3250	2960	3007	3073	5.07	cps
Silver	109-1	2914	2904	2864	2894	0.91	cps
Sodium	23-2	73253	73548	74463	73754	0.86	cps
Strontium	86-1	104675	105041	103953	104557	0.53	cps
Strontium	88-1	899776	913731	916992	910166	1.00	cps
Sulfur	34-1	123729	122422	119449	121867	1.80	cps
Terbium	159-1	5891490	5848547	5802900	5847646	0.76	cps
Terbium	159-2	3494775	3563875	3465934	3508194	1.43	cps
Thallium	203-1	1707	1613	1717	1679	3.39	cps
Thallium	205-1	4004	4054	4227	4095	2.86	cps
Tin	118-1	20301	20855	20425	20527	1.42	cps
Titanium	47-1	986595	995955	983096	988548	0.67	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-04	Instrumnet Name :	P7
Client Sample ID :	MYD507	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 19:59:58	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15439	16063	16040	15847	2.23	cps
Vanadium	51-2	248425	251991	250452	250290	0.71	cps
Yttrium	89-1	6919025	6971273	6967149	6952482	0.42	cps
Yttrium	89-2	1679921	1660638	1628007	1656189	1.58	cps
Zinc	66-2	69109	68948	68308	68788	0.62	cps
Zirconium	90-1	58687	58355	57830	58291	0.74	cps
Zirconium	91-1	12976	13520	12779	13091	2.93	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-05	Instrumnet Name :	P7
Client Sample ID :	MYD508	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:03:14	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3285233	3293799	3340591	3306541	0.90	cps
Antimony	121-1	7339	7225	7122	7229	1.50	cps
Arsenic	75-2	15481	15051	15301	15278	1.41	cps
Barium	135-1	356709	359921	364061	360230	1.02	cps
Barium	137-1	616510	629932	625465	623969	1.10	cps
Beryllium	9-1	1395	1340	1490	1408	5.38	cps
Bismuth	209-1	3602620	3481785	3552962	3545789	1.71	cps
Bismuth	209-2	2509932	2518292	1735489	2254571	19.94	cps
Bromine	81-1	7559	7399	7455	7471	1.09	cps
Bromine	81-2	170	147	213	177	19.15	cps
Cadmium	108-1	220	223	163	202	16.67	cps
Cadmium	106-1	2384	2274	2454	2370	3.83	cps
Cadmium	111-1	3181	3022	3323	3175	4.75	cps
Calcium	43-1	142270	144146	142807	143075	0.68	cps
Calcium	44-1	2189025	2128320	2207221	2174855	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59627	59256	59711	59531	0.41	cps
Cobalt	59-2	80692	80451	82126	81090	1.12	cps
Copper	63-2	293522	289514	295840	292958	1.09	cps
Dysprosium	156-1	39773	39469	40619	39953	1.49	cps
Dysprosium	156-2	27721	28643	28649	28337	1.89	cps
Erbium	164-1	33554	33430	33514	33499	0.19	cps
Erbium	164-2	20091	20528	20629	20416	1.40	cps
Gadolinium	160-1	35612	36745	36344	36233	1.59	cps
Gadolinium	160-2	23122	23493	24017	23544	1.91	cps
Holmium	165-1	5684606	5688971	5697187	5690255	0.11	cps
Holmium	165-2	3495887	3583291	2400222	3159800	20.86	cps
Indium	115-1	4058677	4015983	4042645	4039102	0.53	cps
Indium	115-2	1221347	1227725	838020	1095697	20.37	cps
Iron	56-2	112726838	111713978	114162578	112867798	1.09	cps
Iron	57-2	2796170	2745062	2809204	2783479	1.22	cps
Iron	54-2	6088349	6075813	6201458	6121873	1.13	cps
Krypton	83-1	157	123	140	140	11.91	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-05	Instrumnet Name :	P7
Client Sample ID :	MYD508	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:03:14	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	284098	283245	286156	284500	0.53	cps
Lead	207-1	250384	260309	256926	255873	1.97	cps
Lead	208-1	1144071	1152926	1147610	1148203	0.39	cps
Lithium	6-1	961241	952147	964999	959462	0.69	cps
Magnesium	24-2	1919170	1898974	1957038	1925061	1.53	cps
Manganese	55-2	2083282	2074939	2101978	2086733	0.66	cps
Molybdenum	94-1	23382	23168	22748	23099	1.40	cps
Molybdenum	95-1	2547	2350	2730	2542	7.48	cps
Molybdenum	96-1	7569	7662	7392	7541	1.82	cps
Molybdenum	97-1	1630	1507	1767	1635	7.96	cps
Molybdenum	98-1	4281	3974	4127	4127	3.72	cps
Neodymium	150-1	60697	62176	62323	61732	1.46	cps
Neodymium	150-2	33139	32240	33700	33026	2.23	cps
Nickel	60-2	20668	19823	20557	20349	2.26	cps
Phosphorus	31-2	10377	10891	10834	10700	2.63	cps
Potassium	39-2	1485268	1474158	1473497	1477641	0.45	cps
Rhodium	103-1	3455610	3479928	3486192	3473910	0.47	cps
Rhodium	103-2	1905201	1918230	1303650	1709027	20.55	cps
Scandium	45-1	2172310	2119001	2143469	2144927	1.24	cps
Scandium	45-2	185075	183607	128340	165674	19.52	cps
Selenium	82-1	188	237	219	215	11.64	cps
Selenium	77-2	60	73	50	61	19.15	cps
Selenium	78-2	183	170	140	164	13.50	cps
Silicon	28-1	15604679	15763476	15807779	15725311	0.68	cps
Silver	107-1	2894	2887	2877	2886	0.29	cps
Silver	109-1	2700	2597	2654	2650	1.95	cps
Sodium	23-2	76455	76783	76804	76681	0.26	cps
Strontium	86-1	94085	96856	96842	95928	1.66	cps
Strontium	88-1	844812	853878	838670	845787	0.90	cps
Sulfur	34-1	114942	110932	110737	112204	2.11	cps
Terbium	159-1	5641456	5795221	5705110	5713929	1.35	cps
Terbium	159-2	3499263	3489555	2364475	3117764	20.92	cps
Thallium	203-1	1523	1450	1417	1463	3.73	cps
Thallium	205-1	3721	3834	3714	3756	1.80	cps
Tin	118-1	13606	13980	14120	13902	1.91	cps
Titanium	47-1	933451	948442	950951	944281	1.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-05	Instrumnet Name :	P7
Client Sample ID :	MYD508	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:03:14	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15359	16290	15709	15786	2.98	cps
Vanadium	51-2	203891	201200	205980	203690	1.18	cps
Yttrium	89-1	6964231	6903131	6978446	6948602	0.58	cps
Yttrium	89-2	1619936	1644236	1134173	1466115	19.63	cps
Zinc	66-2	79828	79440	80616	79961	0.75	cps
Zirconium	90-1	57462	57361	57221	57348	0.21	cps
Zirconium	91-1	12993	12942	13023	12986	0.31	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-06	Instrumnet Name :	P7
Client Sample ID :	MYD509	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:06:27	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3707841	3638198	3674681	3673573	0.95	cps
Antimony	121-1	9036	9070	9160	9089	0.70	cps
Arsenic	75-2	22217	22687	22203	22369	1.23	cps
Barium	135-1	417414	421500	415525	418147	0.73	cps
Barium	137-1	715093	724110	731396	723533	1.13	cps
Beryllium	9-1	1473	1585	1535	1531	3.66	cps
Bismuth	209-1	3428007	3499850	3474438	3467432	1.05	cps
Bismuth	209-2	2504354	2514235	2512487	2510359	0.21	cps
Bromine	81-1	7122	7145	6982	7083	1.25	cps
Bromine	81-2	137	240	190	189	27.36	cps
Cadmium	108-1	260	267	287	271	5.12	cps
Cadmium	106-1	2360	2320	2494	2391	3.80	cps
Cadmium	111-1	3814	3814	3838	3822	0.37	cps
Calcium	43-1	163432	165383	165050	164622	0.63	cps
Calcium	44-1	2485783	2509786	2490321	2495297	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75427	76204	76268	75966	0.62	cps
Cobalt	59-2	96830	94874	95390	95698	1.06	cps
Copper	63-2	435091	434190	432181	433821	0.34	cps
Dysprosium	156-1	46814	46426	46590	46610	0.42	cps
Dysprosium	156-2	33156	33934	33784	33625	1.23	cps
Erbium	164-1	38954	39315	38022	38764	1.72	cps
Erbium	164-2	24007	24194	24037	24080	0.42	cps
Gadolinium	160-1	41465	42130	42561	42052	1.31	cps
Gadolinium	160-2	27774	27885	28122	27927	0.64	cps
Holmium	165-1	5589043	5613539	5541957	5581513	0.65	cps
Holmium	165-2	3507135	3541276	3527132	3525181	0.49	cps
Indium	115-1	3997059	4004156	3903100	3968105	1.42	cps
Indium	115-2	1204336	1204226	1202287	1203616	0.10	cps
Iron	56-2	133450588	133112368	133296141	133286366	0.13	cps
Iron	57-2	3332216	3328291	3304508	3321671	0.45	cps
Iron	54-2	7366804	7249101	7361981	7325962	0.91	cps
Krypton	83-1	113	167	103	128	26.65	cps

Reviewed By:Mohan
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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-06	Instrumnet Name :	P7
Client Sample ID :	MYD509	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:06:27	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	386806	386201	382507	385171	0.60	cps
Lead	207-1	349222	351538	355390	352050	0.89	cps
Lead	208-1	1551698	1556711	1556942	1555117	0.19	cps
Lithium	6-1	939337	950492	934198	941342	0.88	cps
Magnesium	24-2	2339920	2281231	2319867	2313672	1.29	cps
Manganese	55-2	2348093	2324104	2324181	2332126	0.59	cps
Molybdenum	94-1	29991	30488	30161	30213	0.84	cps
Molybdenum	95-1	3534	3460	3510	3502	1.07	cps
Molybdenum	96-1	10087	10054	10280	10140	1.21	cps
Molybdenum	97-1	2347	2200	2200	2249	3.77	cps
Molybdenum	98-1	5674	5708	5601	5661	0.96	cps
Neodymium	150-1	73788	75561	74787	74712	1.19	cps
Neodymium	150-2	39883	39442	40311	39878	1.09	cps
Nickel	60-2	24700	23899	23799	24133	2.05	cps
Phosphorus	31-2	12499	11955	11861	12105	2.84	cps
Potassium	39-2	1625205	1607257	1630185	1620882	0.74	cps
Rhodium	103-1	3461295	3513597	3440329	3471740	1.09	cps
Rhodium	103-2	1863528	1901218	1899302	1888016	1.12	cps
Scandium	45-1	2138298	2114068	2099690	2117352	0.92	cps
Scandium	45-2	182012	182568	180413	181664	0.62	cps
Selenium	82-1	242	185	231	220	13.78	cps
Selenium	77-2	73	73	90	79	12.20	cps
Selenium	78-2	190	147	213	183	18.45	cps
Silicon	28-1	16502003	16625550	16470312	16532622	0.50	cps
Silver	107-1	3540	3734	3550	3608	3.02	cps
Silver	109-1	3477	3470	3584	3510	1.81	cps
Sodium	23-2	78928	79480	79148	79185	0.35	cps
Strontium	86-1	107414	109268	108418	108367	0.86	cps
Strontium	88-1	933273	940920	951442	941878	0.97	cps
Sulfur	34-1	107800	106763	105162	106575	1.25	cps
Terbium	159-1	5728712	5709597	5667312	5701874	0.55	cps
Terbium	159-2	3426934	3406129	3449091	3427385	0.63	cps
Thallium	203-1	1590	1717	1707	1671	4.21	cps
Thallium	205-1	4011	4011	4081	4034	1.00	cps
Tin	118-1	13179	13123	13333	13212	0.82	cps
Titanium	47-1	875838	883529	877545	878971	0.46	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-06	Instrumnet Name :	P7
Client Sample ID :	MYD509	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:06:27	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19191	19037	19838	19355	2.20	cps
Vanadium	51-2	246342	244397	245227	245322	0.40	cps
Yttrium	89-1	6821572	6906326	6757668	6828522	1.09	cps
Yttrium	89-2	1618095	1643870	1632603	1631522	0.79	cps
Zinc	66-2	100116	99931	100179	100075	0.13	cps
Zirconium	90-1	75453	77279	76789	76507	1.24	cps
Zirconium	91-1	16606	17217	17457	17093	2.57	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-07	Instrumnet Name :	P7
Client Sample ID :	MYD510	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:09:42	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4593201	4574436	4574027	4580555	0.24	cps
Antimony	121-1	10067	10334	10024	10141	1.66	cps
Arsenic	75-2	27031	26908	27145	27028	0.44	cps
Barium	135-1	482376	488527	489033	486645	0.76	cps
Barium	137-1	840953	851465	852353	848257	0.75	cps
Beryllium	9-1	1966	1977	1915	1953	1.68	cps
Bismuth	209-1	3456686	3449048	3438746	3448160	0.26	cps
Bismuth	209-2	2469390	2425437	2536234	2477020	2.25	cps
Bromine	81-1	7018	7469	6968	7152	3.85	cps
Bromine	81-2	233	160	177	190	20.23	cps
Cadmium	108-1	237	240	193	223	11.66	cps
Cadmium	106-1	2574	2587	2320	2494	6.03	cps
Cadmium	111-1	4046	4056	3922	4008	1.86	cps
Calcium	43-1	189784	192794	192470	191683	0.86	cps
Calcium	44-1	2821416	2910447	2892049	2874637	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93638	93071	93558	93422	0.33	cps
Cobalt	59-2	130878	128870	129980	129909	0.77	cps
Copper	63-2	446349	442954	443751	444351	0.40	cps
Dysprosium	156-1	54268	56008	55783	55353	1.71	cps
Dysprosium	156-2	40398	40675	40144	40406	0.66	cps
Erbium	164-1	46969	47410	47648	47342	0.73	cps
Erbium	164-2	30186	29394	29879	29820	1.34	cps
Gadolinium	160-1	50551	51916	51280	51249	1.33	cps
Gadolinium	160-2	34185	33320	33173	33559	1.63	cps
Holmium	165-1	5593427	5565119	5576728	5578425	0.26	cps
Holmium	165-2	3549778	3469733	3486203	3501905	1.21	cps
Indium	115-1	3867648	3871284	3884650	3874527	0.23	cps
Indium	115-2	1197866	1192122	1193460	1194483	0.25	cps
Iron	56-2	178211977	175105377	175319784	176212380	0.98	cps
Iron	57-2	4374085	4351559	4359916	4361853	0.26	cps
Iron	54-2	9700691	9609687	9596756	9635711	0.59	cps
Krypton	83-1	130	130	143	134	5.73	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-07	Instrumnet Name :	P7
Client Sample ID :	MYD510	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:09:42	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	386014	387300	393180	388831	0.98	cps
Lead	207-1	345771	355080	355557	352136	1.57	cps
Lead	208-1	1557620	1578899	1592003	1576174	1.10	cps
Lithium	6-1	932267	931302	929144	930904	0.17	cps
Magnesium	24-2	2709892	2680730	2680392	2690338	0.63	cps
Manganese	55-2	2917384	2872562	2833730	2874559	1.46	cps
Molybdenum	94-1	36572	36813	36736	36707	0.33	cps
Molybdenum	95-1	3754	3817	3687	3753	1.73	cps
Molybdenum	96-1	11661	12202	11638	11834	2.70	cps
Molybdenum	97-1	2457	2467	2267	2397	4.70	cps
Molybdenum	98-1	5868	5928	5978	5925	0.93	cps
Neodymium	150-1	87422	87757	87613	87597	0.19	cps
Neodymium	150-2	47061	46159	46737	46652	0.98	cps
Nickel	60-2	30745	30909	30601	30752	0.50	cps
Phosphorus	31-2	14277	14133	14147	14186	0.56	cps
Potassium	39-2	2059777	2046726	2044890	2050464	0.40	cps
Rhodium	103-1	3395150	3393887	3385834	3391624	0.15	cps
Rhodium	103-2	1859243	1854078	1873851	1862391	0.55	cps
Scandium	45-1	2097868	2081934	2119898	2099900	0.91	cps
Scandium	45-2	183104	182336	182245	182562	0.26	cps
Selenium	82-1	242	254	271	256	5.87	cps
Selenium	77-2	113	107	130	117	10.30	cps
Selenium	78-2	140	177	177	164	12.87	cps
Silicon	28-1	15797500	16054487	15933633	15928540	0.81	cps
Silver	107-1	3567	3974	3787	3776	5.39	cps
Silver	109-1	3580	3527	3500	3536	1.15	cps
Sodium	23-2	89112	88700	88194	88669	0.52	cps
Strontium	86-1	136395	139644	138491	138177	1.19	cps
Strontium	88-1	1209499	1213491	1207838	1210276	0.24	cps
Sulfur	34-1	105065	105907	105605	105525	0.40	cps
Terbium	159-1	5587397	5569596	5591321	5582771	0.21	cps
Terbium	159-2	3419160	3390018	3354567	3387915	0.95	cps
Thallium	203-1	2024	2017	1980	2007	1.16	cps
Thallium	205-1	5021	4621	4648	4763	4.70	cps
Tin	118-1	13683	14574	14681	14313	3.83	cps
Titanium	47-1	1272595	1278144	1288058	1279599	0.61	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-07	Instrumnet Name :	P7
Client Sample ID :	MYD510	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:09:42	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23581	23785	23738	23701	0.45	cps
Vanadium	51-2	349140	348179	346700	348006	0.35	cps
Yttrium	89-1	6876526	6828533	6903750	6869603	0.55	cps
Yttrium	89-2	1671544	1646664	1632558	1650256	1.20	cps
Zinc	66-2	114568	113275	113171	113671	0.68	cps
Zirconium	90-1	92304	91938	92814	92352	0.48	cps
Zirconium	91-1	21068	20861	21105	21012	0.63	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-08	Instrumnet Name :	P7
Client Sample ID :	MYD511	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:12:55	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4402631	4390729	4395250	4396204	0.14	cps
Antimony	121-1	4747	5261	4868	4959	5.42	cps
Arsenic	75-2	13613	13453	13530	13532	0.59	cps
Barium	135-1	435539	435750	430081	433790	0.74	cps
Barium	137-1	739696	736703	740987	739129	0.30	cps
Beryllium	9-1	1633	1478	1527	1546	5.13	cps
Bismuth	209-1	3121904	3467654	3383823	3324460	5.43	cps
Bismuth	209-2	2460232	2446970	2460894	2456032	0.32	cps
Bromine	81-1	7699	7539	7499	7579	1.40	cps
Bromine	81-2	307	297	310	304	2.28	cps
Cadmium	108-1	150	200	163	171	15.13	cps
Cadmium	106-1	2040	2107	2187	2111	3.48	cps
Cadmium	111-1	2533	2492	2643	2556	3.07	cps
Calcium	43-1	161155	161579	162185	161640	0.32	cps
Calcium	44-1	2481095	2465656	2403870	2450207	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69737	69841	70889	70155	0.91	cps
Cobalt	59-2	82572	83339	82083	82665	0.77	cps
Copper	63-2	169430	171487	170505	170474	0.60	cps
Dysprosium	156-1	45878	46390	45493	45920	0.98	cps
Dysprosium	156-2	32227	31906	32825	32319	1.44	cps
Erbium	164-1	37791	38927	37607	38108	1.88	cps
Erbium	164-2	23540	23800	23580	23640	0.59	cps
Gadolinium	160-1	41197	42026	42133	41785	1.23	cps
Gadolinium	160-2	27357	27290	27390	27346	0.19	cps
Holmium	165-1	5180351	5670289	5577510	5476050	4.75	cps
Holmium	165-2	3545089	3460697	3515942	3507242	1.22	cps
Indium	115-1	3644751	3888195	3927477	3820141	4.01	cps
Indium	115-2	1186098	1190693	1183414	1186735	0.31	cps
Iron	56-2	107191825	106918095	106268688	106792870	0.44	cps
Iron	57-2	2647476	2642554	2647415	2645815	0.11	cps
Iron	54-2	5921736	5853932	5830321	5868663	0.81	cps
Krypton	83-1	70	120	110	100	26.46	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-08	Instrumnet Name :	P7
Client Sample ID :	MYD511	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:12:55	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	232862	232879	228451	231398	1.10	cps
Lead	207-1	207455	206915	209300	207890	0.60	cps
Lead	208-1	922582	922144	928633	924453	0.39	cps
Lithium	6-1	851070	925760	911505	896112	4.43	cps
Magnesium	24-2	2572423	2588702	2531705	2564277	1.14	cps
Manganese	55-2	2314353	2316860	2271668	2300960	1.10	cps
Molybdenum	94-1	30716	30131	29884	30243	1.41	cps
Molybdenum	95-1	2394	2227	2377	2332	3.94	cps
Molybdenum	96-1	8676	8686	8533	8632	0.99	cps
Molybdenum	97-1	1400	1417	1407	1408	0.60	cps
Molybdenum	98-1	3667	3794	3731	3731	1.70	cps
Neodymium	150-1	71654	72009	72498	72054	0.59	cps
Neodymium	150-2	38726	37861	38366	38317	1.13	cps
Nickel	60-2	23739	24216	23926	23960	1.00	cps
Phosphorus	31-2	9863	9923	9686	9824	1.25	cps
Potassium	39-2	1927399	1945093	1949210	1940567	0.60	cps
Rhodium	103-1	3083235	3341007	3368465	3264236	4.82	cps
Rhodium	103-2	1850197	1874864	1870845	1865302	0.71	cps
Scandium	45-1	1927079	2111265	2051776	2030040	4.63	cps
Scandium	45-2	178369	178102	177954	178142	0.12	cps
Selenium	82-1	231	181	207	207	12.10	cps
Selenium	77-2	80	83	80	81	2.37	cps
Selenium	78-2	187	187	163	179	7.53	cps
Silicon	28-1	18447501	18344232	18431356	18407697	0.30	cps
Silver	107-1	2107	2074	2190	2124	2.83	cps
Silver	109-1	1903	2057	1917	1959	4.34	cps
Sodium	23-2	69094	69646	69837	69526	0.56	cps
Strontium	86-1	107750	108062	108493	108102	0.34	cps
Strontium	88-1	944050	936628	946849	942509	0.56	cps
Sulfur	34-1	108058	108162	106656	107625	0.78	cps
Terbium	159-1	5070109	5583397	5591922	5415143	5.52	cps
Terbium	159-2	3418860	3426483	3375372	3406905	0.81	cps
Thallium	203-1	1847	1757	1727	1777	3.52	cps
Thallium	205-1	3937	4114	4064	4038	2.26	cps
Tin	118-1	11718	11808	12008	11845	1.25	cps
Titanium	47-1	697532	692762	695813	695369	0.35	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-08	Instrumnet Name :	P7
Client Sample ID :	MYD511	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:12:55	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17088	17295	17288	17223	0.68	cps
Vanadium	51-2	160486	160106	159870	160154	0.19	cps
Yttrium	89-1	6173078	6726058	6717483	6538873	4.85	cps
Yttrium	89-2	1590921	1590509	1615188	1598873	0.88	cps
Zinc	66-2	87773	87132	87166	87357	0.41	cps
Zirconium	90-1	79058	79376	78388	78940	0.64	cps
Zirconium	91-1	17394	16967	17637	17333	1.96	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-09	Instrumnet Name :	P7
Client Sample ID :	MYD512	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:16:11	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4893914	4846061	4761452	4833809	1.39	cps
Antimony	121-1	3294	3540	3360	3398	3.76	cps
Arsenic	75-2	12172	12325	12195	12231	0.68	cps
Barium	135-1	446786	447249	441630	445222	0.70	cps
Barium	137-1	765413	766994	784005	772137	1.34	cps
Beryllium	9-1	1605	1800	1793	1733	6.40	cps
Bismuth	209-1	3383511	3433938	3287796	3368415	2.20	cps
Bismuth	209-2	2428361	2232123	2417111	2359198	4.67	cps
Bromine	81-1	7412	7972	7886	7757	3.89	cps
Bromine	81-2	350	370	303	341	10.03	cps
Cadmium	108-1	133	183	160	159	15.75	cps
Cadmium	106-1	2210	2364	2460	2345	5.38	cps
Cadmium	111-1	2247	2256	2407	2303	3.90	cps
Calcium	43-1	180426	183697	183434	182519	1.00	cps
Calcium	44-1	2721511	2778042	2738234	2745929	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77749	77960	77792	77834	0.14	cps
Cobalt	59-2	92352	91782	90467	91534	1.06	cps
Copper	63-2	158462	160362	156751	158525	1.14	cps
Dysprosium	156-1	51738	53194	51845	52259	1.55	cps
Dysprosium	156-2	37904	38068	38483	38152	0.78	cps
Erbium	164-1	43471	44564	43210	43748	1.64	cps
Erbium	164-2	27530	27554	27373	27486	0.36	cps
Gadolinium	160-1	48176	48952	50266	49131	2.15	cps
Gadolinium	160-2	32812	32561	32300	32558	0.79	cps
Holmium	165-1	5515231	5365510	5327670	5402804	1.84	cps
Holmium	165-2	3420264	3071145	3442397	3311268	6.29	cps
Indium	115-1	3864262	3728179	3732876	3775106	2.05	cps
Indium	115-2	1163261	1060416	1169262	1130979	5.41	cps
Iron	56-2	117910132	118914178	117326085	118050132	0.68	cps
Iron	57-2	2977050	2937841	2911420	2942104	1.12	cps
Iron	54-2	6478319	6438370	6406316	6441001	0.56	cps
Krypton	83-1	100	127	103	110	13.21	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-09	Instrumnet Name :	P7
Client Sample ID :	MYD512	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:16:11	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	179186	182896	179298	180460	1.17	cps
Lead	207-1	159022	159987	163245	160751	1.38	cps
Lead	208-1	713167	731636	727062	723955	1.33	cps
Lithium	6-1	898477	904295	890008	897593	0.80	cps
Magnesium	24-2	2778939	2791861	2743895	2771565	0.90	cps
Manganese	55-2	2397790	2413700	2388457	2399982	0.53	cps
Molybdenum	94-1	33244	34394	34243	33961	1.84	cps
Molybdenum	95-1	1830	2010	1860	1900	5.08	cps
Molybdenum	96-1	8736	8930	9150	8938	2.32	cps
Molybdenum	97-1	1157	1160	1200	1172	2.06	cps
Molybdenum	98-1	3114	3037	3034	3061	1.48	cps
Neodymium	150-1	83991	86429	84384	84935	1.54	cps
Neodymium	150-2	45309	45737	44737	45261	1.11	cps
Nickel	60-2	26397	26537	26453	26462	0.27	cps
Phosphorus	31-2	10020	9636	9196	9618	4.29	cps
Potassium	39-2	1804319	1807316	1811648	1807761	0.20	cps
Rhodium	103-1	3324251	3284670	3264265	3291062	0.93	cps
Rhodium	103-2	1785069	1653951	1800362	1746461	4.61	cps
Scandium	45-1	2019109	2011780	2002769	2011219	0.41	cps
Scandium	45-2	175067	161739	176427	171078	4.74	cps
Selenium	82-1	238	228	188	218	12.15	cps
Selenium	77-2	120	100	113	111	9.17	cps
Selenium	78-2	133	207	197	179	22.23	cps
Silicon	28-1	17668286	18036516	17689871	17798224	1.16	cps
Silver	107-1	1597	1873	1747	1739	7.97	cps
Silver	109-1	1547	1680	1763	1663	6.57	cps
Sodium	23-2	70912	70430	70524	70622	0.36	cps
Strontium	86-1	114336	114545	115844	114908	0.71	cps
Strontium	88-1	991785	1014039	1012541	1006122	1.24	cps
Sulfur	34-1	100954	102182	99109	100748	1.54	cps
Terbium	159-1	5451432	5358806	5494037	5434759	1.27	cps
Terbium	159-2	3393023	3090863	3384310	3289399	5.23	cps
Thallium	203-1	1780	1710	1717	1736	2.23	cps
Thallium	205-1	4054	4254	4214	4174	2.54	cps
Tin	118-1	11882	11735	11475	11697	1.76	cps
Titanium	47-1	739729	745108	746248	743695	0.47	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-09	Instrumnet Name :	P7
Client Sample ID :	MYD512	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:16:11	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18697	19364	19307	19123	1.94	cps
Vanadium	51-2	184982	184206	181635	183608	0.95	cps
Yttrium	89-1	6643668	6781322	6613884	6679625	1.34	cps
Yttrium	89-2	1613633	1452225	1571927	1545928	5.42	cps
Zinc	66-2	70355	68550	69531	69478	1.30	cps
Zirconium	90-1	89779	89279	87934	88998	1.07	cps
Zirconium	91-1	19607	19834	20354	19931	1.92	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-10	Instrumnet Name :	P7
Client Sample ID :	MYD513	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:19:24	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3765391	3757914	3706466	3743257	0.86	cps
Antimony	121-1	9547	9873	9160	9527	3.75	cps
Arsenic	75-2	25893	25896	25656	25815	0.53	cps
Barium	135-1	320010	317949	314743	317568	0.84	cps
Barium	137-1	547916	551384	555952	551751	0.73	cps
Beryllium	9-1	1403	1477	1343	1408	4.76	cps
Bismuth	209-1	3411773	3376913	3276662	3355116	2.09	cps
Bismuth	209-2	2416725	2364697	2374223	2385215	1.16	cps
Bromine	81-1	7245	7542	7108	7299	3.04	cps
Bromine	81-2	180	127	147	151	17.83	cps
Cadmium	108-1	347	303	373	341	10.36	cps
Cadmium	106-1	2544	2434	2407	2461	2.94	cps
Cadmium	111-1	5235	5328	5061	5208	2.61	cps
Calcium	43-1	156221	156629	155618	156156	0.33	cps
Calcium	44-1	2338343	2366156	2309301	2337933	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66134	65097	63978	65070	1.66	cps
Cobalt	59-2	87037	85207	86061	86102	1.06	cps
Copper	63-2	676725	666135	672084	671648	0.79	cps
Dysprosium	156-1	41441	42478	41949	41956	1.24	cps
Dysprosium	156-2	30927	30790	30266	30661	1.14	cps
Erbium	164-1	35759	36227	35528	35838	0.99	cps
Erbium	164-2	23009	22435	22855	22766	1.31	cps
Gadolinium	160-1	39776	39693	39419	39629	0.47	cps
Gadolinium	160-2	26071	25814	25470	25785	1.17	cps
Holmium	165-1	5347991	5279212	5221222	5282808	1.20	cps
Holmium	165-2	3376248	3317305	3305314	3332956	1.14	cps
Indium	115-1	3690335	3672207	3693181	3685241	0.31	cps
Indium	115-2	1137315	1133726	1112342	1127794	1.20	cps
Iron	56-2	122059365	120563962	120541852	121055059	0.72	cps
Iron	57-2	3039367	3025935	3022715	3029339	0.29	cps
Iron	54-2	6691986	6585692	6633629	6637102	0.80	cps
Krypton	83-1	77	130	90	99	28.07	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-10	Instrumnet Name :	P7
Client Sample ID :	MYD513	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:19:24	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	575417	578364	575999	576593	0.27	cps
Lead	207-1	526253	528033	535450	529912	0.92	cps
Lead	208-1	2372759	2375610	2389541	2379304	0.38	cps
Lithium	6-1	875964	871947	870255	872722	0.34	cps
Magnesium	24-2	2550379	2535375	2579450	2555068	0.88	cps
Manganese	55-2	2170138	2114638	2149848	2144875	1.31	cps
Molybdenum	94-1	28458	29025	28845	28776	1.01	cps
Molybdenum	95-1	2870	2947	2967	2928	1.74	cps
Molybdenum	96-1	8899	8409	8749	8686	2.89	cps
Molybdenum	97-1	1830	1917	1940	1896	3.06	cps
Molybdenum	98-1	4624	4514	4681	4606	1.84	cps
Neodymium	150-1	67343	67896	67139	67459	0.58	cps
Neodymium	150-2	35682	34886	36046	35538	1.67	cps
Nickel	60-2	21926	21752	21729	21803	0.49	cps
Phosphorus	31-2	13232	13019	12829	13027	1.55	cps
Potassium	39-2	1657720	1614860	1667393	1646658	1.70	cps
Rhodium	103-1	3181610	3189418	3148801	3173276	0.68	cps
Rhodium	103-2	1781020	1784454	1735877	1767117	1.53	cps
Scandium	45-1	1937463	1963530	1918615	1939869	1.16	cps
Scandium	45-2	167888	165273	165022	166061	0.96	cps
Selenium	82-1	268	186	241	232	17.99	cps
Selenium	77-2	90	100	87	92	7.52	cps
Selenium	78-2	177	147	140	154	12.65	cps
Silicon	28-1	16322114	16377801	16321434	16340450	0.20	cps
Silver	107-1	6218	6278	6301	6266	0.69	cps
Silver	109-1	5815	6005	6068	5962	2.21	cps
Sodium	23-2	69174	70058	70487	69906	0.96	cps
Strontium	86-1	85258	86425	87511	86398	1.30	cps
Strontium	88-1	773066	774233	772666	773321	0.11	cps
Sulfur	34-1	106162	106890	104507	105853	1.15	cps
Terbium	159-1	5253091	5317158	5345211	5305153	0.89	cps
Terbium	159-2	3251519	3207337	3180486	3213114	1.12	cps
Thallium	203-1	1693	1807	1660	1720	4.47	cps
Thallium	205-1	4177	4104	4331	4204	2.75	cps
Tin	118-1	13246	13166	13219	13211	0.31	cps
Titanium	47-1	746692	749039	750566	748766	0.26	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-10	Instrumnet Name :	P7
Client Sample ID :	MYD513	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:19:24	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14875	14805	14718	14799	0.53	cps
Vanadium	51-2	207797	205199	206909	206635	0.64	cps
Yttrium	89-1	6459765	6518078	6406148	6461330	0.87	cps
Yttrium	89-2	1534300	1504148	1487854	1508768	1.56	cps
Zinc	66-2	143155	143427	142862	143148	0.20	cps
Zirconium	90-1	72019	72581	71432	72011	0.80	cps
Zirconium	91-1	16062	16406	16339	16269	1.12	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-11	Instrumnet Name :	P7
Client Sample ID :	MYD514	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:22:39	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3680074	3694591	3697682	3690782	0.25	cps
Antimony	121-1	7309	7462	7292	7354	1.27	cps
Arsenic	75-2	18739	18789	18064	18531	2.18	cps
Barium	135-1	383533	388883	388269	386895	0.76	cps
Barium	137-1	659663	667238	680068	668990	1.54	cps
Beryllium	9-1	1415	1375	1378	1389	1.57	cps
Bismuth	209-1	3308130	3295830	3297953	3300638	0.20	cps
Bismuth	209-2	2366671	2350773	2343011	2353485	0.51	cps
Bromine	81-1	7088	7355	6772	7072	4.13	cps
Bromine	81-2	180	207	170	186	10.22	cps
Cadmium	108-1	260	227	243	243	6.85	cps
Cadmium	106-1	2124	2227	2060	2137	3.94	cps
Cadmium	111-1	3405	3570	3165	3380	6.02	cps
Calcium	43-1	157662	161108	160222	159664	1.12	cps
Calcium	44-1	2386512	2407166	2371424	2388367	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67795	67875	66944	67538	0.76	cps
Cobalt	59-2	97957	97672	96528	97385	0.78	cps
Copper	63-2	333799	330951	332524	332425	0.43	cps
Dysprosium	156-1	38195	38118	38299	38204	0.24	cps
Dysprosium	156-2	27427	27190	28051	27556	1.62	cps
Erbium	164-1	33042	34088	33270	33467	1.64	cps
Erbium	164-2	21153	20996	20832	20994	0.76	cps
Gadolinium	160-1	35037	35876	35418	35444	1.18	cps
Gadolinium	160-2	22972	23887	23339	23400	1.97	cps
Holmium	165-1	5247663	5274961	5222518	5248381	0.50	cps
Holmium	165-2	3297384	3267379	3304552	3289772	0.60	cps
Indium	115-1	3704551	3692698	3674717	3690655	0.41	cps
Indium	115-2	1122765	1121547	1115094	1119802	0.37	cps
Iron	56-2	131442475	130154601	130092735	130563270	0.58	cps
Iron	57-2	3250317	3251820	3203794	3235310	0.84	cps
Iron	54-2	7193421	7179517	7098614	7157184	0.72	cps
Krypton	83-1	97	130	117	114	14.66	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-11	Instrumnet Name :	P7
Client Sample ID :	MYD514	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:22:39	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	316020	321667	319325	319004	0.89	cps
Lead	207-1	283512	284960	292362	286945	1.65	cps
Lead	208-1	1280179	1295921	1294421	1290173	0.67	cps
Lithium	6-1	867239	864374	866178	865931	0.17	cps
Magnesium	24-2	2173015	2157790	2181018	2170607	0.54	cps
Manganese	55-2	1895590	1895531	1896995	1896038	0.04	cps
Molybdenum	94-1	26561	26888	27473	26974	1.71	cps
Molybdenum	95-1	2287	2457	2254	2332	4.68	cps
Molybdenum	96-1	8302	8493	8796	8530	2.92	cps
Molybdenum	97-1	1553	1530	1490	1525	2.10	cps
Molybdenum	98-1	3791	3764	3827	3794	0.84	cps
Neodymium	150-1	59291	60151	59146	59529	0.91	cps
Neodymium	150-2	32093	31736	31913	31914	0.56	cps
Nickel	60-2	21309	21419	20758	21162	1.67	cps
Phosphorus	31-2	10474	10697	10647	10606	1.11	cps
Potassium	39-2	1151122	1147295	1143514	1147310	0.33	cps
Rhodium	103-1	3119940	3157416	3206489	3161281	1.37	cps
Rhodium	103-2	1759771	1748056	1741628	1749818	0.53	cps
Scandium	45-1	1947469	1970298	1926308	1948025	1.13	cps
Scandium	45-2	165657	165748	164673	165359	0.36	cps
Selenium	82-1	224	201	167	197	14.52	cps
Selenium	77-2	87	103	97	96	8.78	cps
Selenium	78-2	140	223	160	174	24.94	cps
Silicon	28-1	15788047	15800886	16024557	15871164	0.84	cps
Silver	107-1	3214	3207	3167	3196	0.79	cps
Silver	109-1	2900	2947	2964	2937	1.12	cps
Sodium	23-2	64862	63878	65294	64678	1.12	cps
Strontium	86-1	97074	98392	99325	98264	1.15	cps
Strontium	88-1	858209	861307	860244	859920	0.18	cps
Sulfur	34-1	102568	100055	97055	99893	2.76	cps
Terbium	159-1	5221978	5174171	5429876	5275342	2.58	cps
Terbium	159-2	3218359	3221194	3208557	3216037	0.21	cps
Thallium	203-1	1260	1210	1230	1233	2.04	cps
Thallium	205-1	3107	3007	2980	3031	2.20	cps
Tin	118-1	11948	11878	12305	12044	1.90	cps
Titanium	47-1	785321	790941	793934	790065	0.55	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-11	Instrumnet Name :	P7
Client Sample ID :	MYD514	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:22:39	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14478	14902	14785	14722	1.49	cps
Vanadium	51-2	267716	268594	266874	267728	0.32	cps
Yttrium	89-1	6424732	6448305	6214094	6362377	2.03	cps
Yttrium	89-2	1463397	1485001	1468895	1472431	0.76	cps
Zinc	66-2	89640	88386	88587	88871	0.76	cps
Zirconium	90-1	69594	69808	69222	69541	0.43	cps
Zirconium	91-1	15165	15445	15618	15409	1.49	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-12	Instrumnet Name :	P7
Client Sample ID :	MYD515	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:25:52	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3353759	3446893	3298293	3366315	2.23	cps
Antimony	121-1	9720	10084	9667	9823	2.31	cps
Arsenic	75-2	26834	26641	26223	26566	1.18	cps
Barium	135-1	384474	383580	387038	385030	0.47	cps
Barium	137-1	665240	666819	661587	664549	0.40	cps
Beryllium	9-1	1357	1257	1169	1261	7.49	cps
Bismuth	209-1	3283905	3118824	3646637	3349788	8.06	cps
Bismuth	209-2	2345462	2300023	2318186	2321224	0.99	cps
Bromine	81-1	6481	6458	6545	6495	0.69	cps
Bromine	81-2	90	130	117	112	18.15	cps
Cadmium	108-1	233	257	193	228	14.06	cps
Cadmium	106-1	2160	2024	2237	2140	5.05	cps
Cadmium	111-1	3399	3134	3447	3327	5.08	cps
Calcium	43-1	165167	169417	168749	167778	1.36	cps
Calcium	44-1	2549473	2530454	2562576	2547501	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67912	67989	67852	67918	0.10	cps
Cobalt	59-2	89739	89086	88123	88983	0.91	cps
Copper	63-2	265791	266212	266364	266123	0.11	cps
Dysprosium	156-1	38128	37490	37106	37575	1.37	cps
Dysprosium	156-2	27347	27056	26702	27035	1.19	cps
Erbium	164-1	32735	33296	33717	33250	1.48	cps
Erbium	164-2	20772	20899	20635	20769	0.64	cps
Gadolinium	160-1	34713	35525	35375	35204	1.23	cps
Gadolinium	160-2	22655	23203	23737	23198	2.33	cps
Holmium	165-1	5317376	4840839	5537077	5231764	6.80	cps
Holmium	165-2	3372874	3278436	3241129	3297480	2.06	cps
Indium	115-1	3711969	3414516	3827710	3651399	5.84	cps
Indium	115-2	1122939	1109373	1102164	1111492	0.95	cps
Iron	56-2	139852021	139877251	139076738	139602003	0.33	cps
Iron	57-2	3452573	3458400	3434141	3448371	0.37	cps
Iron	54-2	7642159	7635709	7601997	7626622	0.28	cps
Krypton	83-1	127	103	80	103	22.58	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-12	Instrumnet Name :	P7
Client Sample ID :	MYD515	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:25:52	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	383569	379805	387607	383660	1.02	cps
Lead	207-1	354172	349807	352736	352239	0.63	cps
Lead	208-1	1555622	1584107	1576159	1571963	0.94	cps
Lithium	6-1	855418	810752	907435	857868	5.64	cps
Magnesium	24-2	2158284	2186249	2142486	2162340	1.02	cps
Manganese	55-2	1975136	2020860	1979942	1991979	1.26	cps
Molybdenum	94-1	31718	32576	31748	32014	1.52	cps
Molybdenum	95-1	3007	3180	3110	3099	2.81	cps
Molybdenum	96-1	10044	10020	9940	10001	0.54	cps
Molybdenum	97-1	1953	2037	2003	1998	2.10	cps
Molybdenum	98-1	4774	4971	4778	4841	2.33	cps
Neodymium	150-1	57430	59294	59217	58647	1.80	cps
Neodymium	150-2	31248	30914	31218	31127	0.59	cps
Nickel	60-2	21235	21182	20678	21031	1.46	cps
Phosphorus	31-2	12305	12112	11831	12083	1.97	cps
Potassium	39-2	1290962	1216609	1281926	1263166	3.21	cps
Rhodium	103-1	3236456	2962315	3348428	3182400	6.24	cps
Rhodium	103-2	1730310	1728984	1710305	1723200	0.65	cps
Scandium	45-1	1928074	1780997	2027251	1912108	6.48	cps
Scandium	45-2	165270	163932	161112	163438	1.30	cps
Selenium	82-1	189	202	192	194	3.35	cps
Selenium	77-2	43	73	73	63	27.35	cps
Selenium	78-2	157	167	103	142	23.94	cps
Silicon	28-1	14092391	14147838	14039223	14093150	0.39	cps
Silver	107-1	2907	2747	2764	2806	3.14	cps
Silver	109-1	2607	2584	2744	2645	3.27	cps
Sodium	23-2	69917	72074	71923	71305	1.69	cps
Strontium	86-1	103370	103970	102356	103232	0.79	cps
Strontium	88-1	896257	921141	900757	906051	1.46	cps
Sulfur	34-1	97881	99505	98052	98479	0.91	cps
Terbium	159-1	5374090	4929131	5587378	5296866	6.34	cps
Terbium	159-2	3161878	3158873	3124962	3148571	0.65	cps
Thallium	203-1	1243	1343	1313	1300	3.95	cps
Thallium	205-1	3120	3137	2900	3053	4.33	cps
Tin	118-1	12132	11488	11848	11823	2.73	cps
Titanium	47-1	1121176	1120972	1120367	1120838	0.04	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-12	Instrumnet Name :	P7
Client Sample ID :	MYD515	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:25:52	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14121	14084	13904	14036	0.83	cps
Vanadium	51-2	298959	299500	298847	299102	0.12	cps
Yttrium	89-1	6196553	6040559	6753185	6330099	5.92	cps
Yttrium	89-2	1484333	1462769	1461673	1469592	0.87	cps
Zinc	66-2	111559	111519	112979	112019	0.74	cps
Zirconium	90-1	81169	80687	80800	80885	0.31	cps
Zirconium	91-1	18268	18689	18605	18521	1.20	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-13	Instrumnet Name :	P7
Client Sample ID :	MYD516	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:29:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3336573	3281924	3291661	3303386	0.88	cps
Antimony	121-1	10918	11621	11201	11247	3.15	cps
Arsenic	75-2	24293	23899	24363	24185	1.03	cps
Barium	135-1	330515	336601	338456	335191	1.24	cps
Barium	137-1	578198	585928	579547	581224	0.71	cps
Beryllium	9-1	1208	1260	1267	1245	2.61	cps
Bismuth	209-1	3219346	3227629	3282448	3243141	1.06	cps
Bismuth	209-2	2347477	2360946	2386308	2364910	0.83	cps
Bromine	81-1	6345	6311	6305	6320	0.34	cps
Bromine	81-2	170	163	103	146	25.23	cps
Cadmium	108-1	277	247	283	269	7.26	cps
Cadmium	106-1	2377	2274	2240	2297	3.10	cps
Cadmium	111-1	4584	4399	4430	4471	2.21	cps
Calcium	43-1	148996	148861	149535	149131	0.24	cps
Calcium	44-1	2234926	2237249	2242598	2238258	0.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61150	60591	61441	61061	0.71	cps
Cobalt	59-2	79341	79415	79985	79580	0.44	cps
Copper	63-2	523193	518284	515763	519080	0.73	cps
Dysprosium	156-1	36838	36568	38690	37365	3.09	cps
Dysprosium	156-2	26538	26769	27544	26950	1.95	cps
Erbium	164-1	31906	32571	32675	32384	1.29	cps
Erbium	164-2	19931	20201	20071	20068	0.67	cps
Gadolinium	160-1	34850	34793	34840	34828	0.09	cps
Gadolinium	160-2	23153	23149	22792	23031	0.90	cps
Holmium	165-1	5076115	5223243	5308035	5202464	2.26	cps
Holmium	165-2	3304647	3268065	3325121	3299278	0.88	cps
Indium	115-1	3569638	3594761	3667577	3610658	1.41	cps
Indium	115-2	1117184	1116751	1121373	1118436	0.23	cps
Iron	56-2	115938442	115495292	115752832	115728855	0.19	cps
Iron	57-2	2896117	2876106	2879848	2884024	0.37	cps
Iron	54-2	6362122	6306169	6283867	6317386	0.64	cps
Krypton	83-1	137	107	110	118	13.96	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-13	Instrumnet Name :	P7
Client Sample ID :	MYD516	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:29:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	546058	557217	565570	556282	1.76	cps
Lead	207-1	508762	514050	507940	510250	0.65	cps
Lead	208-1	2246353	2258871	2275776	2260333	0.65	cps
Lithium	6-1	837597	845444	847058	843366	0.60	cps
Magnesium	24-2	2316691	2256428	2254502	2275874	1.55	cps
Manganese	55-2	1949529	1924642	1937906	1937359	0.64	cps
Molybdenum	94-1	28989	28498	29239	28909	1.30	cps
Molybdenum	95-1	2684	2827	2887	2799	3.73	cps
Molybdenum	96-1	8970	8986	9010	8988	0.22	cps
Molybdenum	97-1	1827	1763	1810	1800	1.82	cps
Molybdenum	98-1	4474	4407	4641	4507	2.67	cps
Neodymium	150-1	58370	59026	59331	58909	0.83	cps
Neodymium	150-2	31712	31605	32177	31831	0.95	cps
Nickel	60-2	20327	19980	20387	20231	1.09	cps
Phosphorus	31-2	12085	12302	12132	12173	0.94	cps
Potassium	39-2	1476987	1463797	1469037	1469940	0.45	cps
Rhodium	103-1	3104412	3170048	3097184	3123881	1.29	cps
Rhodium	103-2	1736676	1729237	1730106	1732006	0.23	cps
Scandium	45-1	1860099	1857626	1874134	1863953	0.48	cps
Scandium	45-2	162298	161058	163268	162208	0.68	cps
Selenium	82-1	191	239	204	211	11.89	cps
Selenium	77-2	67	40	80	62	32.73	cps
Selenium	78-2	143	160	147	150	5.88	cps
Silicon	28-1	14264413	14514095	14558810	14445773	1.10	cps
Silver	107-1	5674	5908	5768	5783	2.03	cps
Silver	109-1	5675	5301	5421	5466	3.49	cps
Sodium	23-2	63587	62469	64103	63386	1.32	cps
Strontium	86-1	88493	91042	91361	90299	1.74	cps
Strontium	88-1	790301	787399	787928	788543	0.20	cps
Sulfur	34-1	103773	102085	102531	102796	0.85	cps
Terbium	159-1	5158624	5257710	5156652	5190995	1.11	cps
Terbium	159-2	3181537	3211825	3238582	3210648	0.89	cps
Thallium	203-1	1580	1527	1480	1529	3.27	cps
Thallium	205-1	3814	3414	3424	3550	6.43	cps
Tin	118-1	13350	13156	13096	13201	1.00	cps
Titanium	47-1	798617	811286	806800	805568	0.80	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-13	Instrumnet Name :	P7
Client Sample ID :	MYD516	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:29:10	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13614	13053	13403	13357	2.12	cps
Vanadium	51-2	204051	202021	203080	203050	0.50	cps
Yttrium	89-1	6134067	6080010	6170095	6128057	0.74	cps
Yttrium	89-2	1499445	1487254	1478807	1488502	0.70	cps
Zinc	66-2	131247	130490	131984	131240	0.57	cps
Zirconium	90-1	73023	73331	73740	73365	0.49	cps
Zirconium	91-1	16306	16239	16566	16370	1.06	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-14	Instrumnet Name :	P7
Client Sample ID :	MYD517	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:32:23	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3283395	3317358	3328906	3309887	0.71	cps
Antimony	121-1	7812	8913	8396	8374	6.58	cps
Arsenic	75-2	18992	19276	18308	18859	2.64	cps
Barium	135-1	344383	339823	340923	341710	0.70	cps
Barium	137-1	588114	602061	583794	591323	1.61	cps
Beryllium	9-1	1283	1287	1256	1275	1.30	cps
Bismuth	209-1	3198222	3314020	3370732	3294324	2.67	cps
Bismuth	209-2	2404598	2382449	2440648	2409232	1.22	cps
Bromine	81-1	6662	6712	6958	6777	2.34	cps
Bromine	81-2	170	143	157	157	8.51	cps
Cadmium	108-1	217	207	180	201	9.43	cps
Cadmium	106-1	2104	2140	2270	2171	4.03	cps
Cadmium	111-1	3501	3494	3570	3522	1.20	cps
Calcium	43-1	150013	149454	151696	150388	0.78	cps
Calcium	44-1	2264481	2274220	2300507	2279736	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67503	67065	67373	67314	0.33	cps
Cobalt	59-2	77428	78138	76782	77449	0.88	cps
Copper	63-2	314485	314138	311406	313343	0.54	cps
Dysprosium	156-1	35468	35080	35428	35325	0.60	cps
Dysprosium	156-2	26315	26144	26138	26199	0.38	cps
Erbium	164-1	30684	30667	30573	30641	0.19	cps
Erbium	164-2	19207	19440	18930	19192	1.33	cps
Gadolinium	160-1	32508	33707	32842	33019	1.87	cps
Gadolinium	160-2	21897	21570	21817	21761	0.78	cps
Holmium	165-1	5274846	5232927	5177797	5228523	0.93	cps
Holmium	165-2	3374056	3387838	3363075	3374990	0.37	cps
Indium	115-1	3727434	3621625	3636441	3661833	1.56	cps
Indium	115-2	1126582	1129154	1134983	1130240	0.38	cps
Iron	56-2	108000888	107743115	107496042	107746682	0.23	cps
Iron	57-2	2702617	2675476	2685489	2687861	0.51	cps
Iron	54-2	5894657	5925828	5898886	5906457	0.29	cps
Krypton	83-1	97	73	97	89	15.16	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-14	Instrumnet Name :	P7
Client Sample ID :	MYD517	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:32:23	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	346565	340356	347676	344866	1.14	cps
Lead	207-1	314307	320348	311891	315515	1.38	cps
Lead	208-1	1396576	1402630	1414983	1404729	0.67	cps
Lithium	6-1	845062	853079	851105	849749	0.49	cps
Magnesium	24-2	1974150	1920966	1977989	1957702	1.63	cps
Manganese	55-2	1833154	1837422	1850608	1840395	0.49	cps
Molybdenum	94-1	20751	21245	21175	21057	1.27	cps
Molybdenum	95-1	2450	2367	2377	2398	1.90	cps
Molybdenum	96-1	6978	7122	7035	7045	1.03	cps
Molybdenum	97-1	1580	1447	1633	1553	6.19	cps
Molybdenum	98-1	3577	3921	3757	3752	4.58	cps
Neodymium	150-1	54635	55545	57279	55820	2.41	cps
Neodymium	150-2	29895	30690	30122	30236	1.35	cps
Nickel	60-2	19696	19463	19423	19527	0.76	cps
Phosphorus	31-2	8969	8953	9026	8983	0.43	cps
Potassium	39-2	1250926	1259783	1223106	1244605	1.54	cps
Rhodium	103-1	3188295	3169276	3117045	3158205	1.17	cps
Rhodium	103-2	1763427	1756511	1774066	1764668	0.50	cps
Scandium	45-1	1896977	1896753	1923407	1905712	0.80	cps
Scandium	45-2	165767	163797	165317	164961	0.63	cps
Selenium	82-1	191	235	208	212	10.56	cps
Selenium	77-2	63	57	63	61	6.29	cps
Selenium	78-2	187	120	177	161	22.32	cps
Silicon	28-1	14266400	14144985	14044795	14152060	0.78	cps
Silver	107-1	3250	3204	3247	3234	0.81	cps
Silver	109-1	3000	3197	2870	3023	5.44	cps
Sodium	23-2	62118	62359	62509	62329	0.32	cps
Strontium	86-1	98802	97798	96963	97854	0.94	cps
Strontium	88-1	850981	854702	865417	857033	0.87	cps
Sulfur	34-1	100786	95942	99454	98727	2.53	cps
Terbium	159-1	5238727	5434496	5193380	5288867	2.42	cps
Terbium	159-2	3236103	3286294	3274746	3265715	0.80	cps
Thallium	203-1	1093	1150	1183	1142	3.98	cps
Thallium	205-1	2817	2890	2637	2781	4.69	cps
Tin	118-1	10594	10567	10407	10523	0.96	cps
Titanium	47-1	757387	759465	755544	757465	0.26	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-14	Instrumnet Name :	P7
Client Sample ID :	MYD517	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:32:23	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13984	14678	14041	14234	2.71	cps
Vanadium	51-2	207398	203958	205468	205608	0.84	cps
Yttrium	89-1	6210768	6146392	6316960	6224707	1.38	cps
Yttrium	89-2	1488174	1486695	1519729	1498199	1.25	cps
Zinc	66-2	104489	102807	103509	103602	0.82	cps
Zirconium	90-1	52815	52530	52042	52462	0.75	cps
Zirconium	91-1	12219	11578	11621	11806	3.03	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-15	Instrumnet Name :	P7
Client Sample ID :	MYD518	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:35:39	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4405069	4359067	4383634	4382590	0.53	cps
Antimony	121-1	7145	6875	7002	7007	1.93	cps
Arsenic	75-2	18235	18054	18729	18339	1.90	cps
Barium	135-1	437273	435664	443562	438833	0.95	cps
Barium	137-1	748455	766559	758722	757912	1.20	cps
Beryllium	9-1	1489	1600	1590	1560	3.91	cps
Bismuth	209-1	3206109	3259783	3296891	3254261	1.40	cps
Bismuth	209-2	2341202	2357028	2491526	2396585	3.45	cps
Bromine	81-1	6822	6431	6712	6655	3.02	cps
Bromine	81-2	207	153	207	189	16.30	cps
Cadmium	108-1	237	183	200	207	13.20	cps
Cadmium	106-1	2237	2247	2160	2215	2.14	cps
Cadmium	111-1	3074	3168	2949	3063	3.59	cps
Calcium	43-1	208863	209259	208332	208818	0.22	cps
Calcium	44-1	3128304	3136314	3158913	3141177	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72905	72208	71036	72050	1.31	cps
Cobalt	59-2	93408	92311	92378	92699	0.66	cps
Copper	63-2	328647	327958	323661	326756	0.83	cps
Dysprosium	156-1	46965	46871	47660	47165	0.91	cps
Dysprosium	156-2	34362	34596	34258	34405	0.50	cps
Erbium	164-1	40853	40585	42000	41146	1.83	cps
Erbium	164-2	25680	26098	25684	25821	0.93	cps
Gadolinium	160-1	44447	44360	44266	44358	0.20	cps
Gadolinium	160-2	30092	30139	29418	29883	1.35	cps
Holmium	165-1	5108941	5216895	5262932	5196256	1.52	cps
Holmium	165-2	3318068	3375295	3514321	3402561	2.97	cps
Indium	115-1	3552749	3619546	3627993	3600096	1.14	cps
Indium	115-2	1104462	1122436	1184387	1137095	3.69	cps
Iron	56-2	136284731	135067888	133319751	134890790	1.10	cps
Iron	57-2	3359863	3363467	3288683	3337338	1.26	cps
Iron	54-2	7430242	7362088	7468868	7420399	0.73	cps
Krypton	83-1	123	83	97	101	20.15	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-15	Instrumnet Name :	P7
Client Sample ID :	MYD518	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:35:39	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	284802	283779	289449	286010	1.06	cps
Lead	207-1	251929	258709	258347	256328	1.49	cps
Lead	208-1	1146833	1151116	1155994	1151314	0.40	cps
Lithium	6-1	833978	845212	848837	842675	0.92	cps
Magnesium	24-2	2656109	2632074	2621989	2636724	0.66	cps
Manganese	55-2	2274748	2259812	2263697	2266086	0.34	cps
Molybdenum	94-1	34761	34948	34544	34751	0.58	cps
Molybdenum	95-1	2677	2487	2610	2591	3.72	cps
Molybdenum	96-1	9973	9963	9873	9937	0.55	cps
Molybdenum	97-1	1537	1723	1667	1642	5.83	cps
Molybdenum	98-1	3974	4207	4084	4088	2.86	cps
Neodymium	150-1	75785	75306	76378	75823	0.71	cps
Neodymium	150-2	40551	39826	39986	40121	0.95	cps
Nickel	60-2	23679	23542	23355	23525	0.69	cps
Phosphorus	31-2	11911	11448	11631	11663	2.00	cps
Potassium	39-2	1363640	1361370	1328781	1351263	1.44	cps
Rhodium	103-1	3049672	3156696	3127537	3111302	1.78	cps
Rhodium	103-2	1680396	1766477	1846337	1764403	4.70	cps
Scandium	45-1	1871878	1876839	1927275	1891997	1.62	cps
Scandium	45-2	163818	165625	174257	167900	3.32	cps
Selenium	82-1	177	248	235	220	17.24	cps
Selenium	77-2	103	97	87	96	8.78	cps
Selenium	78-2	147	143	100	130	20.03	cps
Silicon	28-1	15892784	16079672	16120961	16031139	0.76	cps
Silver	107-1	2574	2730	2667	2657	2.97	cps
Silver	109-1	2400	2464	2564	2476	3.33	cps
Sodium	23-2	61274	62222	61181	61559	0.94	cps
Strontium	86-1	129361	133229	132186	131592	1.52	cps
Strontium	88-1	1157517	1158282	1144931	1153577	0.65	cps
Sulfur	34-1	97505	95892	97773	97057	1.05	cps
Terbium	159-1	5147996	5281407	5160896	5196766	1.42	cps
Terbium	159-2	3181368	3267987	3403162	3284172	3.40	cps
Thallium	203-1	1503	1520	1483	1502	1.22	cps
Thallium	205-1	3267	3214	3544	3342	5.30	cps
Tin	118-1	11168	11618	11581	11456	2.18	cps
Titanium	47-1	802965	816156	813118	810747	0.85	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-15	Instrumnet Name :	P7
Client Sample ID :	MYD518	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:35:39	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17388	18119	18463	17990	3.05	cps
Vanadium	51-2	246251	242945	241376	243524	1.02	cps
Yttrium	89-1	6326578	6379005	6275292	6326958	0.82	cps
Yttrium	89-2	1492160	1523861	1572831	1529617	2.66	cps
Zinc	66-2	87229	85342	86384	86319	1.10	cps
Zirconium	90-1	89145	90111	90184	89813	0.65	cps
Zirconium	91-1	19937	20414	20177	20176	1.18	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-16	Instrumnet Name :	P7
Client Sample ID :	MYD519	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:38:53	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6211442	6118036	6118417	6149299	0.88	cps
Antimony	121-1	2964	2924	3080	2989	2.72	cps
Arsenic	75-2	13093	13293	13530	13305	1.64	cps
Barium	135-1	566399	574379	568731	569836	0.72	cps
Barium	137-1	973222	978408	984712	978781	0.59	cps
Beryllium	9-1	2164	1971	2035	2057	4.79	cps
Bismuth	209-1	3214538	3263592	3195121	3224417	1.09	cps
Bismuth	209-2	2295591	2319652	2393276	2336173	2.18	cps
Bromine	81-1	7625	7532	7879	7679	2.34	cps
Bromine	81-2	423	377	427	409	6.84	cps
Cadmium	108-1	160	213	157	177	18.00	cps
Cadmium	106-1	2257	2307	2244	2269	1.47	cps
Cadmium	111-1	2418	2376	2438	2410	1.31	cps
Calcium	43-1	225706	228348	229235	227763	0.81	cps
Calcium	44-1	3433153	3469557	3451051	3451253	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97912	97348	97576	97612	0.29	cps
Cobalt	59-2	115080	115991	116259	115776	0.53	cps
Copper	63-2	189030	189277	187902	188736	0.39	cps
Dysprosium	156-1	67357	67313	67551	67407	0.19	cps
Dysprosium	156-2	48634	48577	48617	48609	0.06	cps
Erbium	164-1	54446	55995	55245	55228	1.40	cps
Erbium	164-2	35241	35231	34142	34871	1.81	cps
Gadolinium	160-1	60845	61170	61825	61280	0.82	cps
Gadolinium	160-2	40281	41548	40391	40740	1.72	cps
Holmium	165-1	5338231	5289525	5267774	5298510	0.68	cps
Holmium	165-2	3212554	3303160	3327466	3281060	1.85	cps
Indium	115-1	3690372	3668949	3618155	3659159	1.01	cps
Indium	115-2	1082731	1092101	1115010	1096614	1.51	cps
Iron	56-2	146754264	145544041	146354224	146217510	0.42	cps
Iron	57-2	3588647	3608857	3598246	3598583	0.28	cps
Iron	54-2	8075988	8017373	8004852	8032738	0.47	cps
Krypton	83-1	167	87	133	129	31.18	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-16	Instrumnet Name :	P7
Client Sample ID :	MYD519	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:38:53	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	193935	196011	195575	195173	0.56	cps
Lead	207-1	169572	168257	170974	169601	0.80	cps
Lead	208-1	763350	764631	768956	765646	0.38	cps
Lithium	6-1	836207	842030	832143	836793	0.59	cps
Magnesium	24-2	3538235	3497179	3448458	3494624	1.29	cps
Manganese	55-2	2954884	2967281	2957392	2959852	0.22	cps
Molybdenum	94-1	41746	42120	42187	42018	0.57	cps
Molybdenum	95-1	2477	2520	2570	2522	1.85	cps
Molybdenum	96-1	11061	10864	11288	11071	1.91	cps
Molybdenum	97-1	1613	1560	1550	1575	2.16	cps
Molybdenum	98-1	3824	3831	4061	3905	3.45	cps
Neodymium	150-1	104503	105612	105155	105090	0.53	cps
Neodymium	150-2	57159	56563	55666	56462	1.33	cps
Nickel	60-2	33701	32776	33454	33310	1.44	cps
Phosphorus	31-2	10974	10741	11084	10933	1.60	cps
Potassium	39-2	2252082	2223104	2190253	2221813	1.39	cps
Rhodium	103-1	3158539	3112150	3068059	3112916	1.45	cps
Rhodium	103-2	1678670	1706655	1724317	1703214	1.35	cps
Scandium	45-1	1966066	1948801	1926561	1947143	1.02	cps
Scandium	45-2	165977	165844	170541	167454	1.60	cps
Selenium	82-1	178	257	193	209	20.03	cps
Selenium	77-2	87	90	90	89	2.16	cps
Selenium	78-2	180	140	173	164	13.03	cps
Silicon	28-1	17356531	17274258	17501969	17377586	0.66	cps
Silver	107-1	1617	1473	1740	1610	8.29	cps
Silver	109-1	1547	1353	1447	1449	6.67	cps
Sodium	23-2	74884	75380	75752	75339	0.58	cps
Strontium	86-1	143703	143844	144958	144169	0.48	cps
Strontium	88-1	1242979	1257062	1258952	1252998	0.70	cps
Sulfur	34-1	97703	98823	99203	98576	0.79	cps
Terbium	159-1	5270910	5169928	5196722	5212520	1.00	cps
Terbium	159-2	3221457	3169332	3263687	3218159	1.47	cps
Thallium	203-1	1974	2104	2200	2092	5.44	cps
Thallium	205-1	4928	5138	5074	5047	2.14	cps
Tin	118-1	13239	12953	12839	13010	1.59	cps
Titanium	47-1	861951	867422	870645	866673	0.51	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-16	Instrumnet Name :	P7
Client Sample ID :	MYD519	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:38:53	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23107	23384	23731	23407	1.34	cps
Vanadium	51-2	221576	219824	219918	220440	0.45	cps
Yttrium	89-1	6405382	6468030	6390971	6421461	0.64	cps
Yttrium	89-2	1485545	1537930	1588415	1537297	3.35	cps
Zinc	66-2	78599	79376	78635	78870	0.56	cps
Zirconium	90-1	109383	112315	111811	111170	1.41	cps
Zirconium	91-1	24654	24774	24975	24801	0.65	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-17	Instrumnet Name :	P7
Client Sample ID :	MYD520	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:42:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3397514	3419888	3400278	3405894	0.36	cps
Antimony	121-1	8893	8903	8819	8872	0.51	cps
Arsenic	75-2	21890	22507	22270	22222	1.40	cps
Barium	135-1	368262	382176	379297	376578	1.95	cps
Barium	137-1	652692	649310	643469	648490	0.72	cps
Beryllium	9-1	1337	1386	1401	1375	2.45	cps
Bismuth	209-1	3163091	3237952	3314332	3238458	2.34	cps
Bismuth	209-2	2348767	2327342	2274952	2317020	1.64	cps
Bromine	81-1	6265	6241	6218	6241	0.37	cps
Bromine	81-2	160	103	143	136	21.49	cps
Cadmium	108-1	220	260	233	238	8.57	cps
Cadmium	106-1	2227	2270	2434	2310	4.72	cps
Cadmium	111-1	3438	3387	3564	3463	2.62	cps
Calcium	43-1	189990	193976	193361	192443	1.12	cps
Calcium	44-1	2861197	2954064	2940165	2918475	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69208	68846	68873	68976	0.29	cps
Cobalt	59-2	94146	94834	94639	94540	0.37	cps
Copper	63-2	247063	246962	245302	246442	0.40	cps
Dysprosium	156-1	47206	47781	47774	47587	0.69	cps
Dysprosium	156-2	33750	34679	35598	34676	2.66	cps
Erbium	164-1	37533	38359	38927	38273	1.83	cps
Erbium	164-2	23737	23807	24064	23869	0.72	cps
Gadolinium	160-1	42768	42357	42417	42514	0.52	cps
Gadolinium	160-2	28746	28609	28305	28554	0.79	cps
Holmium	165-1	5072035	5203703	5147506	5141081	1.29	cps
Holmium	165-2	3313016	3299519	3262766	3291767	0.79	cps
Indium	115-1	3518603	3642320	3597721	3586214	1.75	cps
Indium	115-2	1112976	1106691	1095958	1105208	0.78	cps
Iron	56-2	133842861	132907255	134380868	133710328	0.56	cps
Iron	57-2	3330161	3266709	3315349	3304073	1.00	cps
Iron	54-2	7297615	7356124	7335952	7329897	0.41	cps
Krypton	83-1	147	90	110	116	24.87	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-17	Instrumnet Name :	P7
Client Sample ID :	MYD520	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:42:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	372410	389460	386845	382905	2.40	cps
Lead	207-1	354283	347805	349457	350515	0.96	cps
Lead	208-1	1541005	1554431	1558555	1551330	0.59	cps
Lithium	6-1	816201	831836	835117	827718	1.22	cps
Magnesium	24-2	2438363	2382706	2444934	2422001	1.41	cps
Manganese	55-2	2242834	2245558	2265167	2251186	0.54	cps
Molybdenum	94-1	29256	28404	29590	29083	2.10	cps
Molybdenum	95-1	3144	3420	3224	3263	4.36	cps
Molybdenum	96-1	9593	9650	9840	9694	1.33	cps
Molybdenum	97-1	2050	1987	2140	2059	3.74	cps
Molybdenum	98-1	5114	5308	5214	5212	1.86	cps
Neodymium	150-1	74164	75722	76516	75467	1.59	cps
Neodymium	150-2	40943	40445	40999	40796	0.75	cps
Nickel	60-2	24180	23445	23826	23817	1.54	cps
Phosphorus	31-2	12962	13002	13523	13162	2.38	cps
Potassium	39-2	1543799	1522811	1508490	1525033	1.16	cps
Rhodium	103-1	3077428	3064638	3121799	3087955	0.97	cps
Rhodium	103-2	1686169	1726985	1746176	1719777	1.78	cps
Scandium	45-1	1844032	1880174	1878479	1867561	1.09	cps
Scandium	45-2	161318	162265	162393	161992	0.36	cps
Selenium	82-1	174	175	205	185	9.36	cps
Selenium	77-2	80	103	100	94	13.36	cps
Selenium	78-2	203	127	177	169	23.05	cps
Silicon	28-1	14730966	14757990	14760004	14749653	0.11	cps
Silver	107-1	3347	3424	3324	3365	1.56	cps
Silver	109-1	3144	3130	3090	3121	0.89	cps
Sodium	23-2	64705	64782	64919	64802	0.17	cps
Strontium	86-1	104682	103544	103752	103993	0.58	cps
Strontium	88-1	905952	905447	909858	907086	0.27	cps
Sulfur	34-1	100803	101551	103766	102040	1.51	cps
Terbium	159-1	5211988	5239778	5181175	5210981	0.56	cps
Terbium	159-2	3210998	3239784	3189349	3213377	0.79	cps
Thallium	203-1	1490	1447	1303	1413	6.91	cps
Thallium	205-1	3460	3164	3200	3275	4.94	cps
Tin	118-1	10674	10791	10854	10773	0.85	cps
Titanium	47-1	707632	713905	709716	710418	0.45	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-17	Instrumnet Name :	P7
Client Sample ID :	MYD520	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:42:10	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16193	16083	15786	16021	1.31	cps
Vanadium	51-2	213911	214823	214745	214493	0.24	cps
Yttrium	89-1	6131427	6200596	6370267	6234097	1.97	cps
Yttrium	89-2	1482828	1482115	1478144	1481029	0.17	cps
Zinc	66-2	118351	118852	118515	118573	0.22	cps
Zirconium	90-1	71329	74879	74404	73537	2.62	cps
Zirconium	91-1	16429	16166	16463	16353	1.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-18	Instrumnet Name :	P7
Client Sample ID :	MYD521	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:45:24	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5183664	5169597	5103345	5152202	0.83	cps
Antimony	121-1	6331	6438	6415	6395	0.88	cps
Arsenic	75-2	21749	22340	22076	22055	1.34	cps
Barium	135-1	535182	531835	545178	537398	1.29	cps
Barium	137-1	935484	952050	936289	941274	0.99	cps
Beryllium	9-1	1865	1875	1813	1851	1.78	cps
Bismuth	209-1	3184590	3151124	3210771	3182162	0.94	cps
Bismuth	209-2	2316640	2241306	2351508	2303151	2.45	cps
Bromine	81-1	6912	6465	6652	6676	3.36	cps
Bromine	81-2	243	277	193	238	17.64	cps
Cadmium	108-1	207	217	203	209	3.32	cps
Cadmium	106-1	2370	2340	2107	2272	6.34	cps
Cadmium	111-1	2675	2630	2563	2622	2.15	cps
Calcium	43-1	204410	204995	206208	205204	0.45	cps
Calcium	44-1	3095264	3095507	3139935	3110235	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83194	81173	82300	82223	1.23	cps
Cobalt	59-2	105729	105286	105185	105400	0.27	cps
Copper	63-2	221514	220226	220403	220715	0.32	cps
Dysprosium	156-1	50731	50668	51226	50875	0.60	cps
Dysprosium	156-2	37864	37567	38075	37835	0.67	cps
Erbium	164-1	43140	43410	43474	43341	0.41	cps
Erbium	164-2	27494	27848	27394	27578	0.87	cps
Gadolinium	160-1	48353	49169	48116	48546	1.14	cps
Gadolinium	160-2	31726	32705	32003	32145	1.57	cps
Holmium	165-1	5041935	4980914	5189273	5070707	2.11	cps
Holmium	165-2	3313778	3190231	3301693	3268567	2.08	cps
Indium	115-1	3527855	3495672	3631923	3551817	2.01	cps
Indium	115-2	1100700	1065968	1110221	1092297	2.13	cps
Iron	56-2	152370624	151586194	150937414	151631411	0.47	cps
Iron	57-2	3762412	3744655	3726699	3744588	0.48	cps
Iron	54-2	8275050	8316901	8269817	8287256	0.31	cps
Krypton	83-1	127	137	140	134	5.16	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-18	Instrumnet Name :	P7
Client Sample ID :	MYD521	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:45:24	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	209738	214575	217020	213778	1.73	cps
Lead	207-1	191230	194600	190374	192068	1.16	cps
Lead	208-1	851924	863083	860739	858582	0.69	cps
Lithium	6-1	824889	826970	824048	825302	0.18	cps
Magnesium	24-2	2829143	2852332	2819136	2833537	0.60	cps
Manganese	55-2	2204652	2179827	2189376	2191285	0.57	cps
Molybdenum	94-1	35680	36997	36419	36365	1.81	cps
Molybdenum	95-1	2580	2850	2810	2747	5.31	cps
Molybdenum	96-1	10294	10807	10457	10519	2.50	cps
Molybdenum	97-1	1753	1733	1603	1697	4.80	cps
Molybdenum	98-1	4257	4001	4291	4183	3.79	cps
Neodymium	150-1	81617	81497	81647	81587	0.10	cps
Neodymium	150-2	44015	43948	43557	43840	0.56	cps
Nickel	60-2	26984	27719	27218	27307	1.37	cps
Phosphorus	31-2	11164	11041	10961	11055	0.93	cps
Potassium	39-2	1367592	1377315	1357980	1367629	0.71	cps
Rhodium	103-1	3088376	3076744	3053795	3072972	0.57	cps
Rhodium	103-2	1714777	1639480	1719516	1691258	2.66	cps
Scandium	45-1	1886701	1885948	1895534	1889394	0.28	cps
Scandium	45-2	165559	161587	165061	164069	1.32	cps
Selenium	82-1	177	174	174	175	1.03	cps
Selenium	77-2	100	107	107	104	3.69	cps
Selenium	78-2	173	180	163	172	4.87	cps
Silicon	28-1	16312541	16619684	16584608	16505611	1.02	cps
Silver	107-1	1777	1723	1780	1760	1.81	cps
Silver	109-1	1733	1757	1737	1742	0.72	cps
Sodium	23-2	56460	55995	56276	56243	0.42	cps
Strontium	86-1	134550	134224	135439	134738	0.47	cps
Strontium	88-1	1180372	1178098	1173190	1177220	0.31	cps
Sulfur	34-1	95989	95811	98531	96777	1.57	cps
Terbium	159-1	5231741	5258424	5171374	5220513	0.85	cps
Terbium	159-2	3231540	3137975	3249980	3206498	1.87	cps
Thallium	203-1	1320	1377	1243	1313	5.10	cps
Thallium	205-1	3034	2974	2980	2996	1.10	cps
Tin	118-1	11074	11832	11855	11587	3.83	cps
Titanium	47-1	778499	794213	787589	786767	1.00	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-18	Instrumnet Name :	P7
Client Sample ID :	MYD521	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:45:24	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19448	19878	19424	19583	1.31	cps
Vanadium	51-2	291404	290986	289644	290678	0.32	cps
Yttrium	89-1	6170976	6189772	6158928	6173225	0.25	cps
Yttrium	89-2	1518416	1442264	1501271	1487317	2.69	cps
Zinc	66-2	77489	76665	77104	77086	0.54	cps
Zirconium	90-1	91664	93019	93227	92636	0.92	cps
Zirconium	91-1	21192	20715	20865	20924	1.17	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-19	Instrumnet Name :	P7
Client Sample ID :	MYD522	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:48:41	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4161688	4139177	4162696	4154520	0.32	cps
Antimony	121-1	10254	10454	10571	10426	1.54	cps
Arsenic	75-2	22561	22748	22828	22712	0.60	cps
Barium	135-1	389492	394191	391110	391598	0.61	cps
Barium	137-1	670167	672478	670806	671150	0.18	cps
Beryllium	9-1	1290	1433	1274	1332	6.56	cps
Bismuth	209-1	3145005	3184631	3232459	3187365	1.37	cps
Bismuth	209-2	2326672	2343786	2311334	2327264	0.70	cps
Bromine	81-1	6318	6351	6652	6440	2.85	cps
Bromine	81-2	167	183	177	176	4.78	cps
Cadmium	108-1	323	207	310	280	22.81	cps
Cadmium	106-1	2220	2167	1993	2127	5.57	cps
Cadmium	111-1	3828	3959	3449	3745	7.08	cps
Calcium	43-1	181131	185148	186251	184176	1.46	cps
Calcium	44-1	2769626	2818701	2817417	2801915	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	73471	71572	72520	72521	1.31	cps
Cobalt	59-2	95736	95182	95837	95585	0.37	cps
Copper	63-2	420644	418460	418302	419135	0.31	cps
Dysprosium	156-1	44289	45764	45022	45025	1.64	cps
Dysprosium	156-2	32227	32882	32715	32608	1.04	cps
Erbium	164-1	38175	39278	38817	38757	1.43	cps
Erbium	164-2	24121	25196	24562	24626	2.19	cps
Gadolinium	160-1	41164	42083	41725	41657	1.11	cps
Gadolinium	160-2	27801	27734	27788	27774	0.13	cps
Holmium	165-1	5153644	4868099	5015971	5012571	2.85	cps
Holmium	165-2	3304647	3214270	3248335	3255751	1.40	cps
Indium	115-1	3554834	3418047	3547574	3506818	2.19	cps
Indium	115-2	1100470	1098479	1087772	1095574	0.62	cps
Iron	56-2	129414985	129705211	128611661	129243953	0.44	cps
Iron	57-2	3224311	3197982	3220646	3214313	0.44	cps
Iron	54-2	7154811	7023522	7134501	7104278	0.99	cps
Krypton	83-1	120	143	107	123	15.05	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-19	Instrumnet Name :	P7
Client Sample ID :	MYD522	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:48:41	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	678428	699946	692729	690368	1.59	cps
Lead	207-1	612300	609243	611213	610919	0.25	cps
Lead	208-1	2731265	2777844	2768667	2759259	0.89	cps
Lithium	6-1	817012	802881	818336	812743	1.05	cps
Magnesium	24-2	2863901	2838773	2814308	2838994	0.87	cps
Manganese	55-2	2271714	2285705	2251965	2269795	0.75	cps
Molybdenum	94-1	33689	33896	34501	34028	1.24	cps
Molybdenum	95-1	2887	2817	2934	2879	2.04	cps
Molybdenum	96-1	10254	10184	10160	10199	0.48	cps
Molybdenum	97-1	1690	1847	1797	1778	4.50	cps
Molybdenum	98-1	4424	4587	4541	4517	1.86	cps
Neodymium	150-1	68542	70301	70284	69709	1.45	cps
Neodymium	150-2	37430	37931	37657	37672	0.67	cps
Nickel	60-2	24577	24520	24771	24622	0.53	cps
Phosphorus	31-2	13499	13503	13099	13367	1.74	cps
Potassium	39-2	1846982	1833511	1789297	1823263	1.66	cps
Rhodium	103-1	3075989	2933787	3029899	3013225	2.41	cps
Rhodium	103-2	1705276	1702934	1689546	1699252	0.50	cps
Scandium	45-1	1834040	1822268	1844731	1833680	0.61	cps
Scandium	45-2	161641	160169	160930	160913	0.46	cps
Selenium	82-1	207	169	200	192	10.52	cps
Selenium	77-2	83	100	57	80	27.32	cps
Selenium	78-2	190	157	153	167	12.16	cps
Silicon	28-1	15363610	15246155	15290004	15299923	0.39	cps
Silver	107-1	4134	4327	4224	4228	2.29	cps
Silver	109-1	3751	3794	3784	3776	0.60	cps
Sodium	23-2	66493	65890	67021	66468	0.85	cps
Strontium	86-1	108936	107247	108002	108062	0.78	cps
Strontium	88-1	933274	943542	948582	941799	0.83	cps
Sulfur	34-1	98615	99360	99877	99284	0.64	cps
Terbium	159-1	5165083	4820281	5073339	5019568	3.56	cps
Terbium	159-2	3176336	3271780	3154123	3200746	1.95	cps
Thallium	203-1	1377	1627	1533	1512	8.35	cps
Thallium	205-1	3661	3624	3754	3679	1.82	cps
Tin	118-1	13163	12265	12639	12689	3.55	cps
Titanium	47-1	872085	872413	872756	872418	0.04	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-19	Instrumnet Name :	P7
Client Sample ID :	MYD522	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:48:41	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16377	16090	16313	16260	0.93	cps
Vanadium	51-2	222490	221204	222053	221915	0.29	cps
Yttrium	89-1	6039353	6001956	6131378	6057562	1.10	cps
Yttrium	89-2	1501185	1476031	1474092	1483769	1.02	cps
Zinc	66-2	119819	120316	118630	119588	0.72	cps
Zirconium	90-1	87053	89316	89658	88675	1.60	cps
Zirconium	91-1	19450	19673	19413	19512	0.72	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-20	Instrumnet Name :	P7
Client Sample ID :	MYD523	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:51:54	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4750966	4786414	4797363	4778247	0.51	cps
Antimony	121-1	9036	9120	8966	9041	0.85	cps
Arsenic	75-2	33020	32990	32629	32880	0.66	cps
Barium	135-1	449545	451027	450590	450387	0.17	cps
Barium	137-1	776172	775743	787373	779763	0.85	cps
Beryllium	9-1	1484	1617	1579	1560	4.36	cps
Bismuth	209-1	3229814	3269440	3228857	3242704	0.71	cps
Bismuth	209-2	2365438	2390065	2366357	2373953	0.59	cps
Bromine	81-1	6401	6335	6568	6435	1.87	cps
Bromine	81-2	207	230	217	218	5.37	cps
Cadmium	108-1	280	267	230	259	10.00	cps
Cadmium	106-1	2157	2194	2200	2184	1.07	cps
Cadmium	111-1	3674	3629	3796	3700	2.34	cps
Calcium	43-1	220113	224657	225087	223286	1.23	cps
Calcium	44-1	3378270	3400720	3398235	3392408	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84854	86905	86429	86062	1.25	cps
Cobalt	59-2	110704	108941	108475	109373	1.08	cps
Copper	63-2	287571	287843	287052	287488	0.14	cps
Dysprosium	156-1	51567	51417	52324	51769	0.94	cps
Dysprosium	156-2	37166	38576	37941	37894	1.86	cps
Erbium	164-1	44902	44935	44587	44808	0.43	cps
Erbium	164-2	28369	28362	28696	28476	0.67	cps
Gadolinium	160-1	48410	48942	50042	49131	1.69	cps
Gadolinium	160-2	33039	33196	33022	33086	0.29	cps
Holmium	165-1	5156713	5260568	5175757	5197679	1.06	cps
Holmium	165-2	3355260	3301864	3336425	3331183	0.81	cps
Indium	115-1	3568445	3597120	3618478	3594681	0.70	cps
Indium	115-2	1116324	1111840	1109481	1112548	0.31	cps
Iron	56-2	155319658	158053441	156791671	156721590	0.87	cps
Iron	57-2	3909035	3883765	3891232	3894677	0.33	cps
Iron	54-2	8591466	8585137	8525137	8567246	0.43	cps
Krypton	83-1	123	110	150	128	15.94	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-20	Instrumnet Name :	P7
Client Sample ID :	MYD523	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:51:54	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	548905	560495	556702	555368	1.06	cps
Lead	207-1	514113	509328	522309	515250	1.27	cps
Lead	208-1	2256140	2285208	2295851	2279066	0.90	cps
Lithium	6-1	827730	837052	841339	835374	0.83	cps
Magnesium	24-2	3332850	3358616	3321828	3337765	0.57	cps
Manganese	55-2	2700303	2733238	2705643	2713061	0.65	cps
Molybdenum	94-1	30969	32416	31891	31759	2.31	cps
Molybdenum	95-1	3350	3547	3454	3450	2.85	cps
Molybdenum	96-1	10370	10491	10617	10493	1.18	cps
Molybdenum	97-1	2154	2157	1947	2086	5.77	cps
Molybdenum	98-1	5501	5431	5404	5446	0.92	cps
Neodymium	150-1	78567	81038	81034	80213	1.78	cps
Neodymium	150-2	43193	43417	43520	43376	0.39	cps
Nickel	60-2	27896	28223	27906	28008	0.66	cps
Phosphorus	31-2	17447	17727	17727	17634	0.92	cps
Potassium	39-2	2062220	2058320	2057834	2059458	0.12	cps
Rhodium	103-1	3117360	3085902	3138783	3114015	0.85	cps
Rhodium	103-2	1753840	1751528	1709710	1738359	1.43	cps
Scandium	45-1	1863624	1896669	1899051	1886448	1.05	cps
Scandium	45-2	167460	163895	165927	165761	1.08	cps
Selenium	82-1	272	239	188	233	18.05	cps
Selenium	77-2	97	100	70	89	18.50	cps
Selenium	78-2	197	223	230	217	8.14	cps
Silicon	28-1	15289804	15535006	15600319	15475043	1.06	cps
Silver	107-1	4107	4114	4067	4096	0.62	cps
Silver	109-1	3831	3814	3877	3841	0.85	cps
Sodium	23-2	78418	78083	78649	78383	0.36	cps
Strontium	86-1	119533	117968	120414	119305	1.04	cps
Strontium	88-1	1030708	1039361	1048603	1039557	0.86	cps
Sulfur	34-1	99958	100762	99817	100179	0.51	cps
Terbium	159-1	5227348	5196835	5255457	5226547	0.56	cps
Terbium	159-2	3232329	3215843	3261095	3236422	0.71	cps
Thallium	203-1	1640	1733	1643	1672	3.17	cps
Thallium	205-1	3844	4197	3741	3927	6.10	cps
Tin	118-1	13567	13513	14064	13714	2.21	cps
Titanium	47-1	847240	853878	857683	852934	0.62	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-20	Instrumnet Name :	P7
Client Sample ID :	MYD523	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:51:54	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17031	16857	17582	17157	2.20	cps
Vanadium	51-2	269853	271219	271907	270993	0.39	cps
Yttrium	89-1	6311401	6414119	6328909	6351477	0.87	cps
Yttrium	89-2	1521503	1542424	1517314	1527080	0.88	cps
Zinc	66-2	161728	161071	159885	160895	0.58	cps
Zirconium	90-1	80140	80897	79383	80140	0.94	cps
Zirconium	91-1	17397	17758	18171	17775	2.18	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-21	Instrumnet Name :	P7
Client Sample ID :	MYD524	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:55:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3589310	3570898	3526694	3562301	0.90	cps
Antimony	121-1	9703	9970	10054	9909	1.85	cps
Arsenic	75-2	27546	27218	27345	27370	0.60	cps
Barium	135-1	307481	314268	315175	312308	1.35	cps
Barium	137-1	540451	545402	539960	541938	0.56	cps
Beryllium	9-1	1193	1191	1190	1191	0.13	cps
Bismuth	209-1	3173039	3212894	3329649	3238528	2.51	cps
Bismuth	209-2	2387246	2363595	2360934	2370592	0.61	cps
Bromine	81-1	6038	5945	6455	6146	4.42	cps
Bromine	81-2	93	143	137	124	21.82	cps
Cadmium	108-1	233	177	287	232	23.69	cps
Cadmium	106-1	2200	2377	2220	2266	4.27	cps
Cadmium	111-1	3444	3540	3500	3495	1.39	cps
Calcium	43-1	167338	170111	169899	169116	0.91	cps
Calcium	44-1	2501655	2577110	2586012	2554926	1.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69234	69372	69070	69225	0.22	cps
Cobalt	59-2	81107	81054	80303	80822	0.56	cps
Copper	63-2	283522	284327	283897	283916	0.14	cps
Dysprosium	156-1	37363	39164	38178	38235	2.36	cps
Dysprosium	156-2	27677	28449	28609	28245	1.76	cps
Erbium	164-1	33223	33811	34513	33849	1.91	cps
Erbium	164-2	21473	22141	21573	21729	1.66	cps
Gadolinium	160-1	36163	36303	36384	36283	0.31	cps
Gadolinium	160-2	23687	24411	24435	24178	1.76	cps
Holmium	165-1	5131741	5177606	5088734	5132694	0.87	cps
Holmium	165-2	3309928	3292447	3325807	3309394	0.50	cps
Indium	115-1	3640585	3612326	3576830	3609914	0.88	cps
Indium	115-2	1108955	1105490	1112126	1108857	0.30	cps
Iron	56-2	127959411	126638261	126284618	126960764	0.70	cps
Iron	57-2	3147395	3132046	3178186	3152543	0.75	cps
Iron	54-2	6954288	6951854	6934329	6946824	0.16	cps
Krypton	83-1	123	163	83	123	32.44	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-21	Instrumnet Name :	P7
Client Sample ID :	MYD524	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:55:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	490548	500997	497451	496332	1.07	cps
Lead	207-1	452839	463690	448311	454947	1.74	cps
Lead	208-1	1997075	2041656	2035019	2024583	1.19	cps
Lithium	6-1	820216	830327	829305	826616	0.67	cps
Magnesium	24-2	2535687	2557315	2560802	2551268	0.53	cps
Manganese	55-2	1964542	1956571	1896777	1939297	1.91	cps
Molybdenum	94-1	30118	31110	31624	30950	2.47	cps
Molybdenum	95-1	2490	2574	2527	2530	1.65	cps
Molybdenum	96-1	9080	9470	9303	9284	2.11	cps
Molybdenum	97-1	1543	1590	1637	1590	2.94	cps
Molybdenum	98-1	4061	3934	3927	3974	1.89	cps
Neodymium	150-1	59549	61085	62273	60969	2.24	cps
Neodymium	150-2	32785	33206	32477	32823	1.11	cps
Nickel	60-2	22357	21846	22006	22070	1.18	cps
Phosphorus	31-2	12589	12592	12869	12683	1.27	cps
Potassium	39-2	1354237	1312067	1317765	1328023	1.72	cps
Rhodium	103-1	3170855	3137923	3072796	3127191	1.60	cps
Rhodium	103-2	1723480	1713323	1733278	1723360	0.58	cps
Scandium	45-1	1858228	1842339	1859420	1853329	0.51	cps
Scandium	45-2	162197	160667	160843	161236	0.52	cps
Selenium	82-1	179	165	243	196	21.12	cps
Selenium	77-2	60	63	60	61	3.15	cps
Selenium	78-2	153	140	153	149	5.17	cps
Silicon	28-1	14473752	14657401	14537906	14556353	0.64	cps
Silver	107-1	3114	3387	3334	3278	4.42	cps
Silver	109-1	3134	3187	3307	3209	2.77	cps
Sodium	23-2	63122	62409	64059	63197	1.31	cps
Strontium	86-1	92431	92099	90063	91531	1.40	cps
Strontium	88-1	798043	804790	811968	804934	0.87	cps
Sulfur	34-1	99575	100819	102068	100821	1.24	cps
Terbium	159-1	5320557	5300128	5158624	5259769	1.68	cps
Terbium	159-2	3193198	3190945	3250017	3211386	1.04	cps
Thallium	203-1	1287	1377	1167	1277	8.25	cps
Thallium	205-1	3160	2990	3027	3059	2.93	cps
Tin	118-1	11378	11541	11051	11323	2.21	cps
Titanium	47-1	847908	860179	852707	853598	0.72	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-21	Instrumnet Name :	P7
Client Sample ID :	MYD524	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:55:11	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13397	13644	13917	13653	1.91	cps
Vanadium	51-2	227259	228067	225970	227098	0.47	cps
Yttrium	89-1	6104463	6239851	6210915	6185077	1.15	cps
Yttrium	89-2	1473691	1476759	1470843	1473764	0.20	cps
Zinc	66-2	123781	123757	123280	123606	0.23	cps
Zirconium	90-1	79329	79708	81464	80167	1.42	cps
Zirconium	91-1	17377	18185	17310	17624	2.76	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-22	Instrumnet Name :	P7
Client Sample ID :	MYD525	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:58:24	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3597862	3583699	3574807	3585456	0.32	cps
Antimony	121-1	9103	9213	9363	9226	1.42	cps
Arsenic	75-2	29419	29586	28915	29307	1.19	cps
Barium	135-1	320209	322322	320704	321078	0.34	cps
Barium	137-1	546694	556498	550497	551230	0.90	cps
Beryllium	9-1	1160	1284	1374	1273	8.46	cps
Bismuth	209-1	3206983	3164506	3249835	3207108	1.33	cps
Bismuth	209-2	2257129	1953907	2389051	2200029	10.14	cps
Bromine	81-1	6001	6161	6718	6294	5.98	cps
Bromine	81-2	123	127	123	124	1.55	cps
Cadmium	108-1	160	220	253	211	22.41	cps
Cadmium	106-1	2040	2327	2180	2182	6.57	cps
Cadmium	111-1	3170	3468	3386	3341	4.62	cps
Calcium	43-1	164878	168405	170350	167878	1.65	cps
Calcium	44-1	2544988	2550581	2533587	2543052	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66352	66415	65890	66219	0.43	cps
Cobalt	59-2	86846	88610	87332	87596	1.04	cps
Copper	63-2	274728	275168	271127	273675	0.81	cps
Dysprosium	156-1	37430	37346	36902	37226	0.76	cps
Dysprosium	156-2	27631	27510	27554	27565	0.22	cps
Erbium	164-1	34539	34202	35355	34699	1.71	cps
Erbium	164-2	21700	21744	21717	21720	0.10	cps
Gadolinium	160-1	35746	35264	35792	35601	0.82	cps
Gadolinium	160-2	24141	24111	23587	23946	1.30	cps
Holmium	165-1	5168570	5146819	4994525	5103305	1.86	cps
Holmium	165-2	3199134	2804531	3367746	3123803	9.25	cps
Indium	115-1	3563862	3573929	3523828	3553873	0.75	cps
Indium	115-2	1073365	918903	1126953	1039740	10.39	cps
Iron	56-2	139529891	140817465	139338035	139895130	0.58	cps
Iron	57-2	3454566	3507821	3463583	3475323	0.82	cps
Iron	54-2	7633397	7636515	7534344	7601419	0.76	cps
Krypton	83-1	117	70	110	99	25.52	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-22	Instrumnet Name :	P7
Client Sample ID :	MYD525	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:58:24	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	475962	478315	475796	476691	0.30	cps
Lead	207-1	438034	445701	438691	440809	0.96	cps
Lead	208-1	1930312	1953215	1969230	1950919	1.00	cps
Lithium	6-1	810023	814298	818826	814382	0.54	cps
Magnesium	24-2	2557054	2539760	2518484	2538433	0.76	cps
Manganese	55-2	1975268	1994242	1932276	1967262	1.61	cps
Molybdenum	94-1	28247	29009	29263	28840	1.83	cps
Molybdenum	95-1	2730	2920	2890	2847	3.59	cps
Molybdenum	96-1	9006	9313	9256	9192	1.78	cps
Molybdenum	97-1	1573	1793	1730	1699	6.67	cps
Molybdenum	98-1	4224	4244	4381	4283	1.99	cps
Neodymium	150-1	56556	57557	59619	57910	2.70	cps
Neodymium	150-2	31438	31224	30837	31167	0.98	cps
Nickel	60-2	23135	23485	22988	23202	1.10	cps
Phosphorus	31-2	12442	11988	12158	12196	1.88	cps
Potassium	39-2	1277388	1279783	1269660	1275610	0.41	cps
Rhodium	103-1	3077182	3114764	3072796	3088247	0.75	cps
Rhodium	103-2	1669732	1426571	1730421	1608908	9.99	cps
Scandium	45-1	1820222	1859125	1834769	1838039	1.07	cps
Scandium	45-2	158110	133662	166635	152802	11.20	cps
Selenium	82-1	198	262	211	224	15.12	cps
Selenium	77-2	47	63	40	50	24.03	cps
Selenium	78-2	143	213	127	161	28.54	cps
Silicon	28-1	14466326	14793387	14650561	14636758	1.12	cps
Silver	107-1	3160	3314	3414	3296	3.87	cps
Silver	109-1	2974	3347	3157	3159	5.91	cps
Sodium	23-2	64876	65294	65144	65105	0.33	cps
Strontium	86-1	85416	87280	85895	86197	1.12	cps
Strontium	88-1	745368	750061	762536	752655	1.18	cps
Sulfur	34-1	96583	98280	98804	97889	1.19	cps
Terbium	159-1	5132881	5167355	5107513	5135916	0.58	cps
Terbium	159-2	3112720	2673382	3280117	3022073	10.37	cps
Thallium	203-1	1213	1290	1223	1242	3.36	cps
Thallium	205-1	3127	3154	3020	3100	2.28	cps
Tin	118-1	11561	11615	10951	11376	3.24	cps
Titanium	47-1	836088	846561	843977	842209	0.65	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2814-22	Instrumnet Name :	P7
Client Sample ID :	MYD525	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 20:58:24	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13971	14431	14071	14158	1.71	cps
Vanadium	51-2	263581	264188	258980	262250	1.09	cps
Yttrium	89-1	6021095	6110413	6195738	6109082	1.43	cps
Yttrium	89-2	1450109	1238200	1489078	1392462	9.70	cps
Zinc	66-2	125801	125347	124547	125231	0.51	cps
Zirconium	90-1	73054	73831	73295	73393	0.54	cps
Zirconium	91-1	16309	16506	16613	16476	0.94	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:01:41	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4765101	4706163	4719168	4730144	0.65	cps
Antimony	121-1	2366386	2426572	2455207	2416055	1.88	cps
Arsenic	75-2	97742	98252	98682	98225	0.48	cps
Barium	135-1	3277623	3277918	3291221	3282254	0.24	cps
Barium	137-1	5649492	5670902	5661910	5660768	0.19	cps
Beryllium	9-1	445816	454612	458743	453057	1.46	cps
Bismuth	209-1	2962109	2926063	2984066	2957413	0.99	cps
Bismuth	209-2	2149711	2157450	2173347	2160169	0.56	cps
Bromine	81-1	5985	5845	5921	5917	1.19	cps
Bromine	81-2	33	27	37	32	15.80	cps
Cadmium	108-1	40978	42201	41994	41724	1.57	cps
Cadmium	106-1	61784	62704	62453	62314	0.76	cps
Cadmium	111-1	555794	561106	566475	561125	0.95	cps
Calcium	43-1	2734060	2824185	2786363	2781536	1.63	cps
Calcium	44-1	44132044	44541571	44687898	44453838	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	794498	797547	800082	797376	0.35	cps
Cobalt	59-2	1158740	1163849	1168949	1163846	0.44	cps
Copper	63-2	7820031	7728781	7813462	7787424	0.65	cps
Dysprosium	156-1	377	393	453	408	9.89	cps
Dysprosium	156-2	310	253	307	290	10.96	cps
Erbium	164-1	147	150	113	137	14.84	cps
Erbium	164-2	97	83	103	94	10.78	cps
Gadolinium	160-1	167	117	123	136	20.03	cps
Gadolinium	160-2	243	197	183	208	15.16	cps
Holmium	165-1	4974204	5034958	4966693	4991951	0.75	cps
Holmium	165-2	3198009	3202412	3199057	3199826	0.07	cps
Indium	115-1	3013611	3054938	3016024	3028191	0.77	cps
Indium	115-2	901138	900675	908389	903401	0.48	cps
Iron	56-2	166338558	166991028	166819354	166716313	0.20	cps
Iron	57-2	4179282	4178254	4233058	4196865	0.75	cps
Iron	54-2	9249823	9224265	9126142	9200077	0.71	cps
Krypton	83-1	100	47	67	71	37.88	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:01:41	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10137745	10319646	10251507	10236299	0.90	cps
Lead	207-1	8937320	9153895	9236525	9109247	1.70	cps
Lead	208-1	40911151	41552190	41709687	41391009	1.02	cps
Lithium	6-1	789389	794188	794604	792727	0.37	cps
Magnesium	24-2	38319027	38359188	38394883	38357699	0.10	cps
Manganese	55-2	6018912	6028880	5993143	6013645	0.31	cps
Molybdenum	94-1	7123304	7125507	7116823	7121878	0.06	cps
Molybdenum	95-1	9941961	9935700	10013093	9963585	0.43	cps
Molybdenum	96-1	10855602	11026435	11056436	10979491	0.99	cps
Molybdenum	97-1	6244323	6273569	6368053	6295315	1.03	cps
Molybdenum	98-1	16297828	16360474	16555546	16404616	0.82	cps
Neodymium	150-1	363	347	397	369	6.90	cps
Neodymium	150-2	137	100	90	109	22.57	cps
Nickel	60-2	282348	284664	282645	283219	0.44	cps
Phosphorus	31-2	4781	4978	4734	4831	2.67	cps
Potassium	39-2	22596541	22673745	22672342	22647543	0.20	cps
Rhodium	103-1	2839483	2816569	2835869	2830640	0.44	cps
Rhodium	103-2	1564307	1593086	1565627	1574340	1.03	cps
Scandium	45-1	1717185	1706011	1711866	1711687	0.33	cps
Scandium	45-2	148782	151182	151660	150541	1.02	cps
Selenium	82-1	31786	31895	31952	31878	0.26	cps
Selenium	77-2	2910	2904	2707	2840	4.07	cps
Selenium	78-2	10107	9673	9730	9837	2.40	cps
Silicon	28-1	20576556	20205872	20216844	20333091	1.04	cps
Silver	107-1	2680340	2698802	2743390	2707511	1.20	cps
Silver	109-1	2561199	2601725	2640810	2601245	1.53	cps
Sodium	23-2	64538404	64542046	64708309	64596253	0.15	cps
Strontium	86-1	17664678	17781835	17760464	17735659	0.35	cps
Strontium	88-1	157285041	157675108	158455428	157805192	0.38	cps
Sulfur	34-1	271255	275603	277467	274775	1.16	cps
Terbium	159-1	5035935	5063762	4971699	5023799	0.94	cps
Terbium	159-2	3166703	3096008	3120512	3127741	1.15	cps
Thallium	203-1	2609092	2603673	2626043	2612936	0.45	cps
Thallium	205-1	6178268	6338447	6335660	6284125	1.46	cps
Tin	118-1	17796762	18198719	17910339	17968607	1.15	cps
Titanium	47-1	2320988	2344436	2289393	2318272	1.19	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV003	Instrumnet Name :	P7
Client Sample ID :	CCV003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:01:41	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9061009	9146493	9262857	9156787	1.11	cps
Vanadium	51-2	727292	728973	724731	726999	0.29	cps
Yttrium	89-1	5609078	5619723	5598400	5609067	0.19	cps
Yttrium	89-2	1357690	1363961	1370803	1364151	0.48	cps
Zinc	66-2	1300461	1300357	1301663	1300827	0.06	cps
Zirconium	90-1	3759232	3831391	3815898	3802174	1.00	cps
Zirconium	91-1	843989	852365	854641	850332	0.66	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:04:31	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	187	293	243	22.05	cps
Antimony	121-1	1103	1200	1267	1190	6.90	cps
Arsenic	75-2	3	10	3	6	69.34	cps
Barium	135-1	190	143	193	176	15.92	cps
Barium	137-1	420	290	250	320	27.77	cps
Beryllium	9-1	245	178	168	197	21.31	cps
Bismuth	209-1	3406217	3423553	3346008	3391926	1.20	cps
Bismuth	209-2	2420624	2537732	2481197	2479851	2.36	cps
Bromine	81-1	5928	5931	5741	5867	1.85	cps
Bromine	81-2	37	13	30	27	45.08	cps
Cadmium	108-1	7	17	3	9	78.08	cps
Cadmium	106-1	1890	1800	1720	1803	4.72	cps
Cadmium	111-1	1355	1305	1232	1297	4.78	cps
Calcium	43-1	280	193	197	223	21.99	cps
Calcium	44-1	3994	3637	3557	3729	6.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260	243	250	251	3.34	cps
Cobalt	59-2	133	140	113	129	10.76	cps
Copper	63-2	957	923	883	921	3.99	cps
Dysprosium	156-1	280	227	210	239	15.31	cps
Dysprosium	156-2	50	43	43	46	8.45	cps
Erbium	164-1	13	10	17	13	25.01	cps
Erbium	164-2	3	10	30	14	96.09	cps
Gadolinium	160-1	7	27	10	14	74.18	cps
Gadolinium	160-2	150	137	117	134	12.48	cps
Holmium	165-1	5235005	5171601	5210070	5205559	0.61	cps
Holmium	165-2	3260459	3325445	3297213	3294372	0.99	cps
Indium	115-1	3690910	3711690	3701020	3701207	0.28	cps
Indium	115-2	1124401	1157897	1145416	1142571	1.48	cps
Iron	56-2	19633	19800	19453	19628	0.88	cps
Iron	57-2	797	817	740	784	5.07	cps
Iron	54-2	1450	1563	1583	1532	4.69	cps
Krypton	83-1	100	103	100	101	1.91	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:04:31	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1040	827	777	881	15.87	cps
Lead	207-1	883	810	597	763	19.51	cps
Lead	208-1	4020	3457	3227	3568	11.44	cps
Lithium	6-1	860536	863450	862416	862134	0.17	cps
Magnesium	24-2	2033	1990	1997	2007	1.16	cps
Manganese	55-2	793	753	710	752	5.54	cps
Molybdenum	94-1	593	513	507	538	8.97	cps
Molybdenum	95-1	737	590	613	647	12.19	cps
Molybdenum	96-1	793	653	670	706	10.84	cps
Molybdenum	97-1	480	380	307	389	22.37	cps
Molybdenum	98-1	1213	1013	907	1044	14.91	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	87	103	82	28.76	cps
Phosphorus	31-2	93	87	87	89	4.33	cps
Potassium	39-2	29452	29358	28988	29266	0.84	cps
Rhodium	103-1	3222244	3194348	3213560	3210051	0.44	cps
Rhodium	103-2	1755882	1834975	1795325	1795394	2.20	cps
Scandium	45-1	1786505	1797709	1800580	1794931	0.41	cps
Scandium	45-2	155020	158506	156020	156515	1.15	cps
Selenium	82-1	101	94	131	109	17.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	103	60	107	90	28.93	cps
Silicon	28-1	154034	146233	142101	147456	4.11	cps
Silver	107-1	437	337	300	358	19.77	cps
Silver	109-1	400	313	327	347	13.46	cps
Sodium	23-2	13983	14704	14033	14240	2.83	cps
Strontium	86-1	673	637	610	640	4.97	cps
Strontium	88-1	5855	4221	4037	4704	21.27	cps
Sulfur	34-1	111685	111056	112369	111703	0.59	cps
Terbium	159-1	5232361	5310267	5169252	5237293	1.35	cps
Terbium	159-2	3201553	3312357	3262241	3258717	1.70	cps
Thallium	203-1	513	370	357	413	21.01	cps
Thallium	205-1	1017	907	820	914	10.78	cps
Tin	118-1	2777	2617	3140	2845	9.43	cps
Titanium	47-1	170	167	223	187	17.04	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB003	Instrumnet Name :	P7
Client Sample ID :	CCB003	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:04:31	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	317	280	273	290	8.04	cps
Vanadium	51-2	33	20	33	29	26.64	cps
Yttrium	89-1	5809087	5793323	5822390	5808267	0.25	cps
Yttrium	89-2	1420026	1460750	1449965	1443580	1.46	cps
Zinc	66-2	157	147	177	160	9.55	cps
Zirconium	90-1	490	473	427	463	7.09	cps
Zirconium	91-1	87	83	93	88	5.80	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:07:55	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7014849	7017778	7060811	7031146	0.37	cps
Antimony	121-1	11488	11735	12499	11907	4.43	cps
Arsenic	75-2	38817	39392	38413	38874	1.27	cps
Barium	135-1	1003461	1019323	1035544	1019443	1.57	cps
Barium	137-1	1805906	1886080	1873883	1855290	2.33	cps
Beryllium	9-1	2867	2926	2816	2870	1.92	cps
Bismuth	209-1	3420931	3410005	2914346	3248427	8.91	cps
Bismuth	209-2	2434328	2470895	2438004	2447742	0.82	cps
Bromine	81-1	11161	11771	11268	11400	2.86	cps
Bromine	81-2	1013	1057	890	987	8.76	cps
Cadmium	108-1	640	610	670	640	4.69	cps
Cadmium	106-1	3010	2977	2767	2918	4.52	cps
Cadmium	111-1	9405	9229	9600	9411	1.97	cps
Calcium	43-1	526377	537227	545594	536399	1.80	cps
Calcium	44-1	7904936	8087726	8174542	8055734	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198677	197856	197347	197960	0.34	cps
Cobalt	59-2	160447	160831	159194	160157	0.53	cps
Copper	63-2	1732379	1716601	1721077	1723352	0.47	cps
Dysprosium	156-1	76185	78296	79239	77907	2.01	cps
Dysprosium	156-2	57289	57527	58099	57639	0.72	cps
Erbium	164-1	62907	64488	66286	64561	2.62	cps
Erbium	164-2	41625	40916	40351	40964	1.56	cps
Gadolinium	160-1	70680	72905	73920	72502	2.29	cps
Gadolinium	160-2	47540	47888	47644	47691	0.37	cps
Holmium	165-1	5456421	5389339	4626304	5157355	8.94	cps
Holmium	165-2	3465348	3505857	3412201	3461135	1.36	cps
Indium	115-1	3796484	3693039	3193399	3560974	9.06	cps
Indium	115-2	1161775	1159102	1158240	1159706	0.16	cps
Iron	56-2	194189650	193109130	192564277	193287686	0.43	cps
Iron	57-2	4872562	4768123	4767141	4802609	1.26	cps
Iron	54-2	10520200	10418547	10500788	10479845	0.51	cps
Krypton	83-1	120	143	207	157	28.62	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:07:55	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1063575	1072981	1095910	1077489	1.54	cps
Lead	207-1	953903	965067	972319	963763	0.96	cps
Lead	208-1	4522898	4566724	4615329	4568317	1.01	cps
Lithium	6-1	910942	899565	779974	863494	8.40	cps
Magnesium	24-2	5157117	5140825	5120824	5139588	0.35	cps
Manganese	55-2	6484120	6489181	6480514	6484605	0.07	cps
Molybdenum	94-1	41402	43137	42762	42434	2.15	cps
Molybdenum	95-1	5998	6275	6515	6263	4.13	cps
Molybdenum	96-1	15238	15628	15735	15534	1.68	cps
Molybdenum	97-1	3660	3967	4104	3911	5.81	cps
Molybdenum	98-1	10157	10274	10237	10223	0.58	cps
Neodymium	150-1	125052	128251	130393	127898	2.10	cps
Neodymium	150-2	67862	68234	68411	68169	0.41	cps
Nickel	60-2	61736	61442	60980	61386	0.62	cps
Phosphorus	31-2	21235	21625	20497	21119	2.71	cps
Potassium	39-2	4132336	4067793	4082370	4094166	0.83	cps
Rhodium	103-1	3248106	3190225	2719984	3052771	9.49	cps
Rhodium	103-2	1810037	1783893	1787672	1793868	0.79	cps
Scandium	45-1	2083153	2069055	1812248	1988152	7.67	cps
Scandium	45-2	179539	182545	179425	180503	0.98	cps
Selenium	82-1	469	363	340	391	17.58	cps
Selenium	77-2	207	190	197	198	4.24	cps
Selenium	78-2	227	333	247	269	21.09	cps
Silicon	28-1	14644415	15068973	15254941	14989443	2.09	cps
Silver	107-1	16643	17140	16993	16926	1.51	cps
Silver	109-1	15936	16253	16149	16112	1.00	cps
Sodium	23-2	263389	261718	264078	263062	0.46	cps
Strontium	86-1	246971	251601	258160	252244	2.23	cps
Strontium	88-1	2175172	2235956	2249846	2220325	1.79	cps
Sulfur	34-1	128706	128925	128151	128594	0.31	cps
Terbium	159-1	5551176	5386483	4675210	5204290	8.95	cps
Terbium	159-2	3380930	3355657	3411199	3382595	0.82	cps
Thallium	203-1	3520	3597	3721	3613	2.79	cps
Thallium	205-1	8693	8943	8996	8877	1.83	cps
Tin	118-1	45107	46378	45696	45727	1.39	cps
Titanium	47-1	798596	821139	832856	817530	2.13	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:07:55	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29155	30184	30592	29977	2.47	cps
Vanadium	51-2	336080	333802	334214	334699	0.36	cps
Yttrium	89-1	6941212	6929230	5954061	6608168	8.57	cps
Yttrium	89-2	1671408	1630978	1645968	1649451	1.24	cps
Zinc	66-2	224498	223886	223318	223901	0.26	cps
Zirconium	90-1	103458	104649	106939	105015	1.68	cps
Zirconium	91-1	22794	23809	23866	23490	2.57	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:11:05	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6324362	6302152	6376370	6334295	0.60	cps
Antimony	121-1	10624	10831	11014	10823	1.80	cps
Arsenic	75-2	35215	34941	36077	35411	1.67	cps
Barium	135-1	918764	926187	934611	926521	0.86	cps
Barium	137-1	1688701	1684444	1691828	1688324	0.22	cps
Beryllium	9-1	2821	2574	2537	2644	5.85	cps
Bismuth	209-1	3426446	3397372	3348359	3390726	1.16	cps
Bismuth	209-2	2583289	2448231	2436583	2489368	3.28	cps
Bromine	81-1	10797	10721	10964	10827	1.15	cps
Bromine	81-2	960	820	1027	936	11.27	cps
Cadmium	108-1	567	523	633	574	9.65	cps
Cadmium	106-1	3044	2807	3010	2954	4.34	cps
Cadmium	111-1	8922	8767	8549	8746	2.15	cps
Calcium	43-1	485074	493207	491893	490058	0.89	cps
Calcium	44-1	7388471	7401141	7459509	7416374	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179778	178033	179362	179058	0.51	cps
Cobalt	59-2	145023	145053	146234	145436	0.47	cps
Copper	63-2	1528229	1535004	1540222	1534485	0.39	cps
Dysprosium	156-1	70083	71226	71578	70962	1.10	cps
Dysprosium	156-2	52253	52200	51745	52066	0.54	cps
Erbium	164-1	58840	58237	58478	58518	0.52	cps
Erbium	164-2	37310	37390	36651	37117	1.09	cps
Gadolinium	160-1	64534	65673	65037	65081	0.88	cps
Gadolinium	160-2	42895	43852	42819	43189	1.33	cps
Holmium	165-1	5344388	5404837	5370218	5373148	0.56	cps
Holmium	165-2	3651232	3488052	3458638	3532641	2.94	cps
Indium	115-1	3752378	3762887	3721047	3745437	0.58	cps
Indium	115-2	1200547	1163645	1155334	1173175	2.05	cps
Iron	56-2	174727257	173693764	173387671	173936231	0.40	cps
Iron	57-2	4357493	4339277	4279474	4325415	0.94	cps
Iron	54-2	9597106	9539874	9555042	9564007	0.31	cps
Krypton	83-1	130	137	153	140	8.59	cps

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LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:11:05	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	959032	976582	970587	968734	0.92	cps
Lead	207-1	865044	867099	867255	866466	0.14	cps
Lead	208-1	4078716	4124201	4124067	4108995	0.64	cps
Lithium	6-1	891677	899219	889918	893605	0.55	cps
Magnesium	24-2	4607838	4594929	4616219	4606329	0.23	cps
Manganese	55-2	5944963	5839936	5921964	5902288	0.94	cps
Molybdenum	94-1	39099	39690	38952	39247	1.00	cps
Molybdenum	95-1	5788	5805	5845	5812	0.50	cps
Molybdenum	96-1	14517	14260	14214	14330	1.14	cps
Molybdenum	97-1	3627	3554	3544	3575	1.27	cps
Molybdenum	98-1	9186	9687	9473	9449	2.66	cps
Neodymium	150-1	114040	116274	116489	115601	1.17	cps
Neodymium	150-2	61617	61824	63124	62188	1.31	cps
Nickel	60-2	55556	55154	54914	55208	0.59	cps
Phosphorus	31-2	19139	18418	18892	18816	1.95	cps
Potassium	39-2	3710649	3717587	3687691	3705309	0.42	cps
Rhodium	103-1	3273265	3212910	3209121	3231766	1.11	cps
Rhodium	103-2	1872481	1790505	1808051	1823679	2.37	cps
Scandium	45-1	2064220	2053555	2028064	2048613	0.91	cps
Scandium	45-2	183746	179722	177482	180317	1.76	cps
Selenium	82-1	335	345	403	361	10.20	cps
Selenium	77-2	140	123	177	147	18.60	cps
Selenium	78-2	243	223	237	234	4.34	cps
Silicon	28-1	14747271	14951825	14995834	14898310	0.89	cps
Silver	107-1	15528	15038	15285	15284	1.60	cps
Silver	109-1	14654	14067	14114	14278	2.29	cps
Sodium	23-2	238769	237006	236539	237438	0.50	cps
Strontium	86-1	228133	231763	228780	229559	0.84	cps
Strontium	88-1	2031402	2042713	2040791	2038302	0.30	cps
Sulfur	34-1	119909	120262	120514	120228	0.25	cps
Terbium	159-1	5483597	5516908	5417540	5472682	0.92	cps
Terbium	159-2	3505628	3402317	3340691	3416212	2.44	cps
Thallium	203-1	3250	3387	3290	3309	2.12	cps
Thallium	205-1	7786	8116	7676	7859	2.92	cps
Tin	118-1	43014	43475	43947	43479	1.07	cps
Titanium	47-1	764365	778541	773697	772201	0.93	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:11:05	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26967	27405	27893	27422	1.69	cps
Vanadium	51-2	303335	301127	300890	301784	0.45	cps
Yttrium	89-1	6863941	6825778	6798553	6829424	0.48	cps
Yttrium	89-2	1690416	1637708	1628007	1652043	2.03	cps
Zinc	66-2	201030	201132	199541	200568	0.44	cps
Zirconium	90-1	95518	98767	97172	97152	1.67	cps
Zirconium	91-1	21049	22007	21219	21425	2.39	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 21:14:19	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1309709	1283515	1256774	1283333	2.06	cps
Antimony	121-1	2027	2347	2280	2218	7.61	cps
Arsenic	75-2	6872	7345	6798	7005	4.24	cps
Barium	135-1	185971	182592	184738	184434	0.93	cps
Barium	137-1	318058	321307	320398	319921	0.52	cps
Beryllium	9-1	656	560	529	582	11.43	cps
Bismuth	209-1	3394333	3327048	3368485	3363288	1.01	cps
Bismuth	209-2	2057218	2584080	2437544	2359614	11.52	cps
Bromine	81-1	7462	6878	7432	7257	4.53	cps
Bromine	81-2	253	270	207	243	13.49	cps
Cadmium	108-1	187	123	117	142	27.16	cps
Cadmium	106-1	1857	2080	1973	1970	5.67	cps
Cadmium	111-1	2573	2837	2770	2726	5.04	cps
Calcium	43-1	96984	96309	98560	97284	1.19	cps
Calcium	44-1	1428522	1434467	1457595	1440195	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36414	35599	35692	35902	1.24	cps
Cobalt	59-2	30174	28731	29095	29333	2.56	cps
Copper	63-2	317829	313139	312488	314485	0.93	cps
Dysprosium	156-1	14164	14237	13804	14068	1.65	cps
Dysprosium	156-2	10487	10564	10387	10480	0.85	cps
Erbium	164-1	11755	11919	11575	11749	1.46	cps
Erbium	164-2	7332	7252	7302	7295	0.55	cps
Gadolinium	160-1	12746	13153	12859	12919	1.63	cps
Gadolinium	160-2	8863	8683	8749	8765	1.04	cps
Holmium	165-1	5377653	5183763	5324696	5295371	1.89	cps
Holmium	165-2	2816482	3600658	3376019	3264386	12.37	cps
Indium	115-1	3794838	3769970	3789168	3784659	0.34	cps
Indium	115-2	956793	1226932	1159291	1114339	12.61	cps
Iron	56-2	35564054	34426009	34649842	34879969	1.73	cps
Iron	57-2	927410	907295	912355	915687	1.14	cps
Iron	54-2	2000499	1894657	1925585	1940247	2.80	cps
Krypton	83-1	63	110	77	83	28.85	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 21:14:19	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	198674	196159	195559	196798	0.84	cps
Lead	207-1	174188	177676	174248	175370	1.14	cps
Lead	208-1	784537	787165	798355	790019	0.93	cps
Lithium	6-1	869896	862214	874589	868900	0.72	cps
Magnesium	24-2	963929	947949	946955	952944	1.00	cps
Manganese	55-2	1221279	1205378	1210017	1212224	0.67	cps
Molybdenum	94-1	7475	7532	7379	7462	1.04	cps
Molybdenum	95-1	1170	1267	1183	1207	4.34	cps
Molybdenum	96-1	2740	2917	3037	2898	5.15	cps
Molybdenum	97-1	683	787	673	714	8.78	cps
Molybdenum	98-1	1880	1790	1903	1858	3.22	cps
Neodymium	150-1	22254	23243	23483	22993	2.83	cps
Neodymium	150-2	12639	12085	12739	12488	2.82	cps
Nickel	60-2	11465	11458	11398	11440	0.32	cps
Phosphorus	31-2	3907	3704	3770	3794	2.73	cps
Potassium	39-2	820432	809786	809368	813195	0.77	cps
Rhodium	103-1	3237544	3309671	3241158	3262791	1.25	cps
Rhodium	103-2	1504926	1942247	1809626	1752266	12.80	cps
Scandium	45-1	1888405	1866973	1881057	1878812	0.58	cps
Scandium	45-2	138567	170853	162490	157304	10.65	cps
Selenium	82-1	193	176	223	198	12.01	cps
Selenium	77-2	30	17	23	23	28.56	cps
Selenium	78-2	107	120	100	109	9.35	cps
Silicon	28-1	2827077	2799907	2814145	2813710	0.48	cps
Silver	107-1	3084	3077	2974	3045	2.03	cps
Silver	109-1	2914	3290	3117	3107	6.07	cps
Sodium	23-2	56353	54800	54797	55317	1.62	cps
Strontium	86-1	45574	46837	45326	45912	1.77	cps
Strontium	88-1	399042	401320	408076	402812	1.17	cps
Sulfur	34-1	101229	98995	101438	100554	1.35	cps
Terbium	159-1	5338038	5478434	5343070	5386514	1.48	cps
Terbium	159-2	2715398	3530940	3324712	3190350	13.29	cps
Thallium	203-1	690	643	633	656	4.61	cps
Thallium	205-1	1613	1667	1623	1635	1.73	cps
Tin	118-1	8739	8966	8686	8797	1.69	cps
Titanium	47-1	147908	146851	146464	147074	0.51	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	5
Date & Time Acquired :	2024-10-11 21:14:19	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5401	5458	5435	5431	0.52	cps
Vanadium	51-2	59888	59410	59239	59512	0.57	cps
Yttrium	89-1	6169769	6068436	6204378	6147528	1.15	cps
Yttrium	89-2	1235826	1565278	1472055	1424387	11.92	cps
Zinc	66-2	42196	40258	41387	41280	2.36	cps
Zirconium	90-1	18125	18352	18555	18344	1.17	cps
Zirconium	91-1	4051	4237	3867	4052	4.57	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:17:37	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7180649	7129813	6998603	7103022	1.32	cps
Antimony	121-1	307242	309453	308058	308251	0.36	cps
Arsenic	75-2	43166	43503	42059	42910	1.76	cps
Barium	135-1	2722404	2730235	2732630	2728423	0.20	cps
Barium	137-1	4647467	4766879	4715694	4710013	1.27	cps
Beryllium	9-1	28402	29064	29664	29043	2.17	cps
Bismuth	209-1	3340388	3387777	3307401	3345189	1.21	cps
Bismuth	209-2	2389133	1981878	2516002	2295671	12.16	cps
Bromine	81-1	10937	11298	11168	11134	1.64	cps
Bromine	81-2	1057	1050	1080	1062	1.48	cps
Cadmium	108-1	3017	3057	3094	3056	1.26	cps
Cadmium	106-1	6148	6235	6155	6179	0.78	cps
Cadmium	111-1	44730	45689	45882	45434	1.36	cps
Calcium	43-1	529121	533866	538013	533667	0.83	cps
Calcium	44-1	8018281	8060683	7999951	8026305	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	391882	399465	385555	392301	1.78	cps
Cobalt	59-2	907490	909061	893321	903291	0.96	cps
Copper	63-2	1937680	1958902	1896699	1931093	1.64	cps
Dysprosium	156-1	77971	79875	78658	78835	1.22	cps
Dysprosium	156-2	57393	58083	57196	57557	0.81	cps
Erbium	164-1	64605	66310	65111	65342	1.34	cps
Erbium	164-2	41779	40977	40462	41072	1.62	cps
Gadolinium	160-1	72583	71984	73964	72844	1.39	cps
Gadolinium	160-2	48540	47952	47687	48060	0.91	cps
Holmium	165-1	5306339	5248330	5300581	5285083	0.60	cps
Holmium	165-2	3363685	2757063	3596159	3238969	13.38	cps
Indium	115-1	3659535	3606223	3661773	3642510	0.86	cps
Indium	115-2	1111613	921256	1178147	1070338	12.46	cps
Iron	56-2	192224650	193308657	189052311	191528539	1.15	cps
Iron	57-2	4798530	4749047	4701803	4749793	1.02	cps
Iron	54-2	10547888	10560758	10370809	10493151	1.01	cps
Krypton	83-1	127	137	113	126	9.33	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:17:37	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1122588	1130005	1129615	1127402	0.37	cps
Lead	207-1	996459	1006655	1006757	1003291	0.59	cps
Lead	208-1	4789580	4886655	4794375	4823537	1.13	cps
Lithium	6-1	870215	865100	868033	867783	0.30	cps
Magnesium	24-2	5096893	5051881	5023330	5057368	0.73	cps
Manganese	55-2	6867748	6890794	6748591	6835711	1.12	cps
Molybdenum	94-1	42284	42766	42829	42626	0.70	cps
Molybdenum	95-1	5935	6241	6391	6189	3.76	cps
Molybdenum	96-1	15161	15805	15221	15396	2.31	cps
Molybdenum	97-1	3854	3857	3937	3883	1.22	cps
Molybdenum	98-1	10087	10344	10130	10187	1.35	cps
Neodymium	150-1	126989	127500	128812	127767	0.74	cps
Neodymium	150-2	69460	69711	67739	68970	1.56	cps
Nickel	60-2	242669	245938	241645	243417	0.92	cps
Phosphorus	31-2	20520	21135	20551	20735	1.67	cps
Potassium	39-2	4078739	4053001	4048627	4060122	0.40	cps
Rhodium	103-1	3162890	3122922	3124694	3136835	0.72	cps
Rhodium	103-2	1709853	1418512	1820665	1649677	12.59	cps
Scandium	45-1	1996042	2018549	2007870	2007487	0.56	cps
Scandium	45-2	171284	146161	181260	166235	10.88	cps
Selenium	82-1	4743	4756	4806	4768	0.70	cps
Selenium	77-2	483	563	533	527	7.67	cps
Selenium	78-2	1520	1577	1407	1501	5.77	cps
Silicon	28-1	15171789	15225251	15166936	15187992	0.21	cps
Silver	107-1	185397	186735	186126	186086	0.36	cps
Silver	109-1	176402	177488	177515	177135	0.36	cps
Sodium	23-2	253100	255889	252962	253984	0.65	cps
Strontium	86-1	251032	254056	253279	252789	0.62	cps
Strontium	88-1	2226697	2231243	2255533	2237824	0.69	cps
Sulfur	34-1	118777	120819	118337	119311	1.11	cps
Terbium	159-1	5309291	5364101	5335203	5336198	0.51	cps
Terbium	159-2	3303175	2701973	3468243	3157797	12.77	cps
Thallium	203-1	152620	152867	150953	152147	0.68	cps
Thallium	205-1	362516	366097	363728	364114	0.50	cps
Tin	118-1	45759	45672	46461	45964	0.94	cps
Titanium	47-1	817006	822396	825359	821587	0.52	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:17:37	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29797	30057	30201	30018	0.68	cps
Vanadium	51-2	771733	783757	763905	773132	1.29	cps
Yttrium	89-1	6806101	6784729	6744512	6778448	0.46	cps
Yttrium	89-2	1608565	1345027	1677760	1543784	11.37	cps
Zinc	66-2	309416	308273	300601	306097	1.57	cps
Zirconium	90-1	103444	104927	105765	104712	1.12	cps
Zirconium	91-1	22968	23465	23536	23323	1.33	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:20:49	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7054165	7024941	7017982	7032362	0.27	cps
Antimony	121-1	1390955	1406770	1406072	1401266	0.64	cps
Arsenic	75-2	58605	58351	58244	58400	0.32	cps
Barium	135-1	8557712	8626769	8593457	8592646	0.40	cps
Barium	137-1	14985845	14947244	15077159	15003416	0.44	cps
Beryllium	9-1	123455	124232	123752	123813	0.32	cps
Bismuth	209-1	3370015	3328213	3299056	3332428	1.07	cps
Bismuth	209-2	2383859	2377779	2313604	2358414	1.65	cps
Bromine	81-1	10757	11278	10971	11002	2.38	cps
Bromine	81-2	990	897	920	936	5.19	cps
Cadmium	108-1	11691	12095	11992	11926	1.76	cps
Cadmium	106-1	18565	18489	18682	18579	0.52	cps
Cadmium	111-1	179057	180404	182295	180585	0.90	cps
Calcium	43-1	497187	498368	498201	497918	0.13	cps
Calcium	44-1	7497156	7612541	7556253	7555317	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1104103	1100354	1097740	1100732	0.29	cps
Cobalt	59-2	3579229	3579344	3596047	3584874	0.27	cps
Copper	63-2	2728581	2722134	2701243	2717319	0.53	cps
Dysprosium	156-1	74155	74673	75786	74871	1.11	cps
Dysprosium	156-2	54321	55492	54676	54830	1.10	cps
Erbium	164-1	61642	61843	62774	62086	0.97	cps
Erbium	164-2	38630	38486	38456	38524	0.24	cps
Gadolinium	160-1	67987	68851	69421	68753	1.05	cps
Gadolinium	160-2	45193	45597	45229	45340	0.49	cps
Holmium	165-1	5408878	5222347	5077011	5236079	3.18	cps
Holmium	165-2	3305257	3246734	3257543	3269845	0.95	cps
Indium	115-1	3671223	3556678	3548636	3592179	1.91	cps
Indium	115-2	1103496	1076645	1068974	1083038	1.67	cps
Iron	56-2	179598017	179203157	179015817	179272331	0.17	cps
Iron	57-2	4491145	4418400	4486130	4465225	0.91	cps
Iron	54-2	9979058	9981493	9943536	9968029	0.21	cps
Krypton	83-1	143	160	147	150	5.88	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:20:49	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1240749	1256728	1266333	1254603	1.03	cps
Lead	207-1	1112326	1128055	1117885	1119422	0.71	cps
Lead	208-1	5316180	5377070	5379325	5357525	0.67	cps
Lithium	6-1	862089	837837	838911	846279	1.62	cps
Magnesium	24-2	4695220	4729393	4729458	4718024	0.42	cps
Manganese	55-2	7720423	7680663	7779189	7726758	0.64	cps
Molybdenum	94-1	39560	40777	40362	40233	1.54	cps
Molybdenum	95-1	5928	5891	6061	5960	1.50	cps
Molybdenum	96-1	14187	14674	14501	14454	1.71	cps
Molybdenum	97-1	3610	3667	3721	3666	1.50	cps
Molybdenum	98-1	9547	9707	9663	9639	0.86	cps
Neodymium	150-1	121407	123421	123790	122873	1.04	cps
Neodymium	150-2	65253	63961	65136	64783	1.10	cps
Nickel	60-2	899985	893304	899754	897681	0.42	cps
Phosphorus	31-2	19072	18798	19970	19280	3.18	cps
Potassium	39-2	3772803	3747860	3796261	3772308	0.64	cps
Rhodium	103-1	3159662	3105518	3013108	3092762	2.40	cps
Rhodium	103-2	1683661	1660383	1638515	1660853	1.36	cps
Scandium	45-1	1953835	1937113	1920647	1937198	0.86	cps
Scandium	45-2	167810	164582	164039	165477	1.23	cps
Selenium	82-1	22286	22369	22315	22323	0.19	cps
Selenium	77-2	2174	2127	2033	2111	3.38	cps
Selenium	78-2	7158	6875	6825	6953	2.59	cps
Silicon	28-1	14207672	14394587	14322994	14308418	0.66	cps
Silver	107-1	705047	714021	870471	763179	12.19	cps
Silver	109-1	678181	679112	667936	675076	0.92	cps
Sodium	23-2	237185	237534	236613	237111	0.20	cps
Strontium	86-1	236416	237663	239046	237708	0.55	cps
Strontium	88-1	2097134	2142117	2118358	2119203	1.06	cps
Sulfur	34-1	116017	116423	114438	115626	0.91	cps
Terbium	159-1	5361077	5273088	5283115	5305760	0.91	cps
Terbium	159-2	3230358	3185687	3191527	3202524	0.76	cps
Thallium	203-1	706877	714961	715059	712299	0.66	cps
Thallium	205-1	1840817	1903676	1914256	1886249	2.10	cps
Tin	118-1	42656	44218	43074	43316	1.87	cps
Titanium	47-1	765306	771003	772653	769654	0.50	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:20:49	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28828	28948	29446	29074	1.13	cps
Vanadium	51-2	2284012	2296042	2319192	2299749	0.78	cps
Yttrium	89-1	6691319	6579014	6488212	6586182	1.54	cps
Yttrium	89-2	1552729	1517383	1492067	1520726	2.00	cps
Zinc	66-2	600958	601391	600747	601032	0.05	cps
Zirconium	90-1	96810	99068	98366	98081	1.18	cps
Zirconium	91-1	21709	21886	22200	21932	1.13	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:23:52	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1582530	1582410	1586584	1583841	0.15	cps
Antimony	121-1	3037	3534	3384	3318	7.68	cps
Arsenic	75-2	8679	8813	8639	8710	1.04	cps
Barium	135-1	227231	232237	229544	229671	1.09	cps
Barium	137-1	389702	400790	394662	395051	1.41	cps
Beryllium	9-1	676	777	673	709	8.38	cps
Bismuth	209-1	3267921	2867436	3332572	3155976	7.98	cps
Bismuth	209-2	2331436	2293492	2297282	2307403	0.91	cps
Bromine	81-1	7552	7085	7602	7413	3.85	cps
Bromine	81-2	300	253	243	266	11.39	cps
Cadmium	108-1	147	150	127	141	8.94	cps
Cadmium	106-1	1897	1953	2003	1951	2.74	cps
Cadmium	111-1	3019	3116	3061	3065	1.59	cps
Calcium	43-1	118491	119415	119677	119194	0.52	cps
Calcium	44-1	1794597	1810180	1819325	1808034	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43977	43760	44305	44014	0.62	cps
Cobalt	59-2	36441	36494	35422	36119	1.67	cps
Copper	63-2	385128	386281	385375	385595	0.16	cps
Dysprosium	156-1	17374	17805	17141	17440	1.93	cps
Dysprosium	156-2	12853	12686	13090	12876	1.58	cps
Erbium	164-1	14714	14624	14668	14669	0.31	cps
Erbium	164-2	9030	9520	9343	9298	2.67	cps
Gadolinium	160-1	15636	16603	15956	16065	3.07	cps
Gadolinium	160-2	10557	10581	10801	10646	1.26	cps
Holmium	165-1	4906892	4540158	5104347	4850466	5.90	cps
Holmium	165-2	3205348	3218540	3150237	3191375	1.14	cps
Indium	115-1	3459339	3215171	3578309	3417606	5.42	cps
Indium	115-2	1084662	1091124	1084077	1086621	0.36	cps
Iron	56-2	43048798	43190861	42851264	43030308	0.40	cps
Iron	57-2	1122620	1125457	1124524	1124200	0.13	cps
Iron	54-2	2372969	2369044	2432985	2391666	1.50	cps
Krypton	83-1	110	93	110	104	9.21	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:23:52	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	240748	244326	247170	244082	1.32	cps
Lead	207-1	216098	220579	217380	218019	1.06	cps
Lead	208-1	974766	984256	986801	981941	0.65	cps
Lithium	6-1	807436	757387	819521	794781	4.14	cps
Magnesium	24-2	1176309	1172629	1175222	1174720	0.16	cps
Manganese	55-2	1473115	1493923	1481130	1482723	0.71	cps
Molybdenum	94-1	9163	9206	9240	9203	0.42	cps
Molybdenum	95-1	1380	1347	1367	1365	1.23	cps
Molybdenum	96-1	3254	3504	3567	3442	4.82	cps
Molybdenum	97-1	873	917	857	882	3.51	cps
Molybdenum	98-1	2154	2410	2217	2260	5.92	cps
Neodymium	150-1	29057	28315	28606	28659	1.30	cps
Neodymium	150-2	15268	15308	15378	15318	0.36	cps
Nickel	60-2	13510	13533	13766	13603	1.04	cps
Phosphorus	31-2	4884	4784	4601	4756	3.02	cps
Potassium	39-2	993993	993484	991580	993019	0.13	cps
Rhodium	103-1	3064620	2887363	3101621	3017868	3.79	cps
Rhodium	103-2	1710715	1699739	1668667	1693040	1.29	cps
Scandium	45-1	1769043	1631125	1784426	1728198	4.88	cps
Scandium	45-2	153848	151559	152340	152582	0.76	cps
Selenium	82-1	148	149	175	157	9.86	cps
Selenium	77-2	50	30	33	38	28.37	cps
Selenium	78-2	133	117	150	133	12.50	cps
Silicon	28-1	3369543	3436176	3442656	3416125	1.18	cps
Silver	107-1	4111	3947	3877	3978	3.01	cps
Silver	109-1	3974	4014	3630	3873	5.44	cps
Sodium	23-2	64220	64518	64126	64288	0.32	cps
Strontium	86-1	56210	58224	56280	56905	2.01	cps
Strontium	88-1	489606	496045	492682	492778	0.65	cps
Sulfur	34-1	102216	99689	102111	101339	1.41	cps
Terbium	159-1	4989049	4717928	5145893	4950957	4.37	cps
Terbium	159-2	3163605	3155062	3109359	3142675	0.93	cps
Thallium	203-1	973	927	910	937	3.51	cps
Thallium	205-1	2107	2247	2104	2152	3.80	cps
Tin	118-1	10731	11018	10457	10735	2.61	cps
Titanium	47-1	177989	181544	180276	179937	1.00	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:23:52	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6675	6415	6542	6544	1.99	cps
Vanadium	51-2	73059	73273	73313	73215	0.19	cps
Yttrium	89-1	5769653	5305682	6006113	5693816	6.26	cps
Yttrium	89-2	1415127	1420492	1416017	1417212	0.20	cps
Zinc	66-2	50766	50853	50726	50781	0.13	cps
Zirconium	90-1	22214	23145	22668	22675	2.05	cps
Zirconium	91-1	5104	5138	4878	5040	2.81	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:27:11	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1426615	1448169	1449301	1441362	0.89	cps
Antimony	121-1	2737	2414	2680	2610	6.62	cps
Arsenic	75-2	7759	7879	7936	7858	1.15	cps
Barium	135-1	207627	207458	206246	207110	0.36	cps
Barium	137-1	359406	364699	367687	363931	1.15	cps
Beryllium	9-1	588	570	670	609	8.79	cps
Bismuth	209-1	3127731	3162758	3154246	3148245	0.58	cps
Bismuth	209-2	2343805	2318339	2347867	2336670	0.68	cps
Bromine	81-1	6535	6612	6942	6696	3.23	cps
Bromine	81-2	203	220	230	218	6.18	cps
Cadmium	108-1	130	113	133	126	8.54	cps
Cadmium	106-1	1980	1830	1883	1898	4.01	cps
Cadmium	111-1	2885	2825	2699	2803	3.40	cps
Calcium	43-1	105997	108695	109873	108188	1.84	cps
Calcium	44-1	1623703	1640087	1653220	1639004	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39873	40842	40554	40423	1.23	cps
Cobalt	59-2	32365	33357	33497	33073	1.87	cps
Copper	63-2	355030	352466	352084	353193	0.45	cps
Dysprosium	156-1	15966	16199	15746	15970	1.42	cps
Dysprosium	156-2	12029	11975	12169	12057	0.83	cps
Erbium	164-1	12706	12779	13110	12865	1.67	cps
Erbium	164-2	8483	8636	8299	8473	1.99	cps
Gadolinium	160-1	14474	14621	15268	14788	2.86	cps
Gadolinium	160-2	10324	10007	10170	10167	1.56	cps
Holmium	165-1	4993820	4935754	4898772	4942782	0.97	cps
Holmium	165-2	3192423	3233047	3220751	3215407	0.65	cps
Indium	115-1	3557332	3497218	3486992	3513847	1.08	cps
Indium	115-2	1088363	1085660	1092638	1088887	0.32	cps
Iron	56-2	39324917	39018683	39645195	39329598	0.80	cps
Iron	57-2	1027658	1023930	1031954	1027847	0.39	cps
Iron	54-2	2159911	2180418	2164749	2168360	0.49	cps
Krypton	83-1	77	113	70	87	26.93	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:27:11	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	218413	218787	217994	218398	0.18	cps
Lead	207-1	196702	201286	198756	198914	1.15	cps
Lead	208-1	878046	888535	891476	886019	0.80	cps
Lithium	6-1	808764	813808	812841	811805	0.33	cps
Magnesium	24-2	1077746	1072867	1073863	1074825	0.24	cps
Manganese	55-2	1358618	1361953	1356313	1358961	0.21	cps
Molybdenum	94-1	8242	8352	8616	8404	2.28	cps
Molybdenum	95-1	1343	1257	1397	1332	5.30	cps
Molybdenum	96-1	3067	3404	3204	3225	5.25	cps
Molybdenum	97-1	857	763	850	823	6.32	cps
Molybdenum	98-1	2154	2224	2090	2156	3.09	cps
Neodymium	150-1	25370	26745	25877	25997	2.68	cps
Neodymium	150-2	13600	13960	14187	13916	2.13	cps
Nickel	60-2	12812	12535	12178	12509	2.54	cps
Phosphorus	31-2	4347	4357	4314	4340	0.52	cps
Potassium	39-2	913000	902836	910098	908645	0.58	cps
Rhodium	103-1	3086657	3100868	3065673	3084399	0.57	cps
Rhodium	103-2	1676015	1661054	1695059	1677376	1.02	cps
Scandium	45-1	1762443	1738815	1738703	1746654	0.78	cps
Scandium	45-2	153326	152151	152683	152720	0.39	cps
Selenium	82-1	201	158	205	188	13.83	cps
Selenium	77-2	33	37	20	30	29.40	cps
Selenium	78-2	97	143	133	124	19.74	cps
Silicon	28-1	3413139	3428524	3421578	3421080	0.23	cps
Silver	107-1	3217	3427	3310	3318	3.17	cps
Silver	109-1	3187	3507	3374	3356	4.79	cps
Sodium	23-2	58283	58079	57788	58050	0.43	cps
Strontium	86-1	51670	51848	51356	51625	0.48	cps
Strontium	88-1	446439	451685	454404	450843	0.90	cps
Sulfur	34-1	97562	97371	98452	97795	0.59	cps
Terbium	159-1	5056195	5136016	5055726	5082646	0.91	cps
Terbium	159-2	3122315	3198343	3116569	3145742	1.45	cps
Thallium	203-1	760	870	797	809	6.92	cps
Thallium	205-1	1800	1897	1790	1829	3.22	cps
Tin	118-1	10481	10360	10177	10339	1.48	cps
Titanium	47-1	170613	168860	170737	170070	0.62	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581D	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:27:11	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6141	6121	6088	6117	0.44	cps
Vanadium	51-2	67952	67055	68370	67792	0.99	cps
Yttrium	89-1	5769098	5691680	5724512	5728430	0.68	cps
Yttrium	89-2	1427879	1420333	1425765	1424659	0.27	cps
Zinc	66-2	46265	45803	45526	45865	0.81	cps
Zirconium	90-1	21079	20775	21185	21013	1.01	cps
Zirconium	91-1	4657	4577	4731	4655	1.65	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 21:30:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299878	300418	304901	301732	0.91	cps
Antimony	121-1	593	677	717	662	9.50	cps
Arsenic	75-2	1777	1723	1733	1745	1.63	cps
Barium	135-1	42503	43714	42199	42805	1.87	cps
Barium	137-1	74061	74272	73924	74086	0.24	cps
Beryllium	9-1	173	180	180	178	2.14	cps
Bismuth	209-1	3159282	2926250	3327228	3137587	6.42	cps
Bismuth	209-2	2304920	2308409	2296585	2303305	0.26	cps
Bromine	81-1	5971	5731	5775	5826	2.20	cps
Bromine	81-2	60	80	77	72	14.84	cps
Cadmium	108-1	23	60	40	41	44.66	cps
Cadmium	106-1	1550	1557	1780	1629	8.04	cps
Cadmium	111-1	1349	1401	1515	1422	5.97	cps
Calcium	43-1	21926	22750	22016	22231	2.03	cps
Calcium	44-1	359258	363960	360767	361328	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8332	8212	8139	8228	1.19	cps
Cobalt	59-2	6662	6928	7245	6945	4.21	cps
Copper	63-2	72983	73147	73382	73171	0.27	cps
Dysprosium	156-1	3537	3367	3484	3463	2.51	cps
Dysprosium	156-2	2407	2500	2457	2455	1.90	cps
Erbium	164-1	2590	2634	2664	2629	1.40	cps
Erbium	164-2	1793	1840	1793	1809	1.49	cps
Gadolinium	160-1	2924	2794	2990	2903	3.45	cps
Gadolinium	160-2	2254	2157	2080	2164	4.02	cps
Holmium	165-1	4930778	4476469	5180294	4862514	7.34	cps
Holmium	165-2	3114513	3123873	3095374	3111253	0.47	cps
Indium	115-1	3566186	3295098	3679936	3513740	5.63	cps
Indium	115-2	1079693	1074881	1078669	1077748	0.24	cps
Iron	56-2	8050350	8077001	8067171	8064841	0.17	cps
Iron	57-2	211849	212190	211662	211900	0.13	cps
Iron	54-2	471029	470415	470707	470717	0.07	cps
Krypton	83-1	70	103	70	81	23.72	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 21:30:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	45302	46395	45696	45798	1.21	cps
Lead	207-1	41089	41500	41393	41327	0.52	cps
Lead	208-1	184478	186403	183307	184729	0.85	cps
Lithium	6-1	813258	756112	843581	804317	5.52	cps
Magnesium	24-2	222039	221346	221853	221746	0.16	cps
Manganese	55-2	281358	280219	282271	281283	0.37	cps
Molybdenum	94-1	1783	1760	1727	1757	1.62	cps
Molybdenum	95-1	337	273	297	302	10.60	cps
Molybdenum	96-1	687	707	817	737	9.50	cps
Molybdenum	97-1	213	230	160	201	18.18	cps
Molybdenum	98-1	480	440	467	462	4.41	cps
Neodymium	150-1	5174	5341	5191	5235	1.75	cps
Neodymium	150-2	2887	2707	2847	2814	3.36	cps
Nickel	60-2	2714	2617	2594	2641	2.41	cps
Phosphorus	31-2	967	960	960	962	0.40	cps
Potassium	39-2	207538	206622	206988	207050	0.22	cps
Rhodium	103-1	3108921	2826377	3251615	3062304	7.07	cps
Rhodium	103-2	1675192	1690410	1696433	1687345	0.65	cps
Scandium	45-1	1721711	1600804	1833837	1718784	6.78	cps
Scandium	45-2	149593	147698	149186	148826	0.67	cps
Selenium	82-1	126	104	147	126	17.16	cps
Selenium	77-2	3	17	10	10	66.70	cps
Selenium	78-2	77	53	93	74	26.99	cps
Silicon	28-1	732748	742021	739947	738239	0.66	cps
Silver	107-1	800	880	780	820	6.45	cps
Silver	109-1	630	737	623	663	9.59	cps
Sodium	23-2	17393	17090	17630	17371	1.56	cps
Strontium	86-1	10547	10851	10867	10755	1.68	cps
Strontium	88-1	92898	93045	91928	92624	0.66	cps
Sulfur	34-1	94181	93594	94601	94125	0.54	cps
Terbium	159-1	4982852	4559206	5318510	4953523	7.68	cps
Terbium	159-2	3124549	3078602	3057008	3086720	1.12	cps
Thallium	203-1	227	220	230	226	2.26	cps
Thallium	205-1	477	483	497	486	2.10	cps
Tin	118-1	2744	2434	2570	2583	6.02	cps
Titanium	47-1	34162	34840	33955	34319	1.35	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD581L	Dilution Factor :	20
Date & Time Acquired :	2024-10-11 21:30:30	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1433	1163	1240	1279	10.88	cps
Vanadium	51-2	14047	13713	13950	13903	1.23	cps
Yttrium	89-1	5648790	5229078	6003358	5627075	6.89	cps
Yttrium	89-2	1378625	1369175	1374006	1373935	0.34	cps
Zinc	66-2	9470	9693	9943	9702	2.44	cps
Zirconium	90-1	4257	4294	4201	4251	1.11	cps
Zirconium	91-1	990	910	887	929	5.83	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:33:54	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1675831	1674061	1683484	1677792	0.30	cps
Antimony	121-1	72267	73269	71955	72497	0.95	cps
Arsenic	75-2	11024	10104	10387	10505	4.49	cps
Barium	135-1	599199	603962	602339	601833	0.40	cps
Barium	137-1	1050310	1049222	1052991	1050841	0.18	cps
Beryllium	9-1	7051	6707	6686	6815	3.00	cps
Bismuth	209-1	3138200	3205152	3121051	3154801	1.41	cps
Bismuth	209-2	2652915	2361056	2362813	2458928	6.83	cps
Bromine	81-1	6511	7239	7068	6939	5.48	cps
Bromine	81-2	290	240	240	257	11.25	cps
Cadmium	108-1	697	717	750	721	3.74	cps
Cadmium	106-1	2964	2940	2874	2926	1.60	cps
Cadmium	111-1	11510	11894	11827	11744	1.74	cps
Calcium	43-1	123991	124976	124143	124370	0.43	cps
Calcium	44-1	1911990	1918960	1878666	1903205	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92672	93772	93219	93221	0.59	cps
Cobalt	59-2	214119	214756	216038	214971	0.45	cps
Copper	63-2	460555	467145	462349	463349	0.74	cps
Dysprosium	156-1	18038	18359	18826	18408	2.15	cps
Dysprosium	156-2	13453	13917	14137	13836	2.52	cps
Erbium	164-1	15125	15369	15315	15270	0.84	cps
Erbium	164-2	9667	9230	9513	9470	2.34	cps
Gadolinium	160-1	17144	16767	17127	17013	1.25	cps
Gadolinium	160-2	11538	11168	11385	11364	1.64	cps
Holmium	165-1	5010404	5010557	4979904	5000288	0.35	cps
Holmium	165-2	3689320	3319040	3256303	3421554	6.84	cps
Indium	115-1	3537406	3440382	3500337	3492708	1.40	cps
Indium	115-2	1245838	1115651	1102540	1154676	6.86	cps
Iron	56-2	45098673	45590066	45260558	45316432	0.55	cps
Iron	57-2	1177793	1182938	1194023	1184918	0.70	cps
Iron	54-2	2512670	2468279	2540312	2507087	1.45	cps
Krypton	83-1	67	77	53	66	17.86	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:33:54	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	267980	268948	267863	268264	0.22	cps
Lead	207-1	242952	237626	241265	240614	1.13	cps
Lead	208-1	1076012	1085567	1080645	1080741	0.44	cps
Lithium	6-1	805359	813160	810442	809654	0.49	cps
Magnesium	24-2	1188654	1211597	1158001	1186084	2.27	cps
Manganese	55-2	1626644	1623906	1640029	1630193	0.53	cps
Molybdenum	94-1	9850	10044	9547	9813	2.55	cps
Molybdenum	95-1	1630	1340	1453	1475	9.91	cps
Molybdenum	96-1	3610	3724	3527	3620	2.73	cps
Molybdenum	97-1	903	963	843	903	6.64	cps
Molybdenum	98-1	2354	2507	2420	2427	3.17	cps
Neodymium	150-1	29163	30850	30162	30059	2.82	cps
Neodymium	150-2	16486	16523	16263	16424	0.86	cps
Nickel	60-2	58269	59384	59159	58937	1.00	cps
Phosphorus	31-2	4864	4978	4771	4871	2.13	cps
Potassium	39-2	1036993	1044021	1046484	1042499	0.47	cps
Rhodium	103-1	3115167	3026635	3076147	3072650	1.44	cps
Rhodium	103-2	1941538	1714217	1703916	1786557	7.52	cps
Scandium	45-1	1739804	1769608	1772449	1760620	1.03	cps
Scandium	45-2	175910	158128	155198	163079	6.87	cps
Selenium	82-1	1240	1299	1302	1280	2.75	cps
Selenium	77-2	123	143	133	133	7.50	cps
Selenium	78-2	477	447	470	464	3.39	cps
Silicon	28-1	3695684	3680392	3696750	3690942	0.25	cps
Silver	107-1	44224	44187	44401	44271	0.26	cps
Silver	109-1	41499	43117	42325	42314	1.91	cps
Sodium	23-2	63303	63242	63778	63441	0.46	cps
Strontium	86-1	59924	59222	59941	59696	0.69	cps
Strontium	88-1	515972	529474	525825	523757	1.33	cps
Sulfur	34-1	98917	99840	96911	98556	1.52	cps
Terbium	159-1	5075667	5010586	5167768	5084674	1.55	cps
Terbium	159-2	3607362	3225757	3135628	3322916	7.54	cps
Thallium	203-1	36709	35941	36322	36324	1.06	cps
Thallium	205-1	86254	88351	85100	86568	1.90	cps
Tin	118-1	11275	10918	11435	11209	2.36	cps
Titanium	47-1	192545	191863	194705	193038	0.77	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581S	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:33:54	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7092	6925	7302	7106	2.66	cps
Vanadium	51-2	180829	184361	182189	182460	0.98	cps
Yttrium	89-1	5741401	5826009	5729436	5765615	0.91	cps
Yttrium	89-2	1596387	1471833	1448404	1505542	5.28	cps
Zinc	66-2	72113	74069	73530	73237	1.38	cps
Zirconium	90-1	24247	24260	24063	24190	0.46	cps
Zirconium	91-1	5061	5218	5531	5270	4.54	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:37:10	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1729241	1705055	1710761	1715019	0.74	cps
Antimony	121-1	343135	343243	344063	343480	0.15	cps
Arsenic	75-2	14497	14774	14444	14572	1.22	cps
Barium	135-1	2091200	2086367	2064421	2080662	0.69	cps
Barium	137-1	3605865	3640762	3637427	3628018	0.53	cps
Beryllium	9-1	30289	30153	30777	30406	1.08	cps
Bismuth	209-1	3211416	3233935	3246006	3230452	0.54	cps
Bismuth	209-2	2345121	2339927	2344201	2343083	0.12	cps
Bromine	81-1	7175	7065	7585	7275	3.77	cps
Bromine	81-2	243	283	250	259	8.28	cps
Cadmium	108-1	2877	2807	2954	2879	2.55	cps
Cadmium	106-1	5908	5755	5965	5876	1.85	cps
Cadmium	111-1	45105	45465	45813	45461	0.78	cps
Calcium	43-1	119727	120971	120567	120422	0.53	cps
Calcium	44-1	1800846	1802453	1847260	1816853	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	271373	269236	270170	270260	0.40	cps
Cobalt	59-2	886291	886821	885842	886318	0.06	cps
Copper	63-2	672531	670801	671427	671586	0.13	cps
Dysprosium	156-1	18309	18322	18526	18385	0.66	cps
Dysprosium	156-2	13967	13807	13483	13752	1.79	cps
Erbium	164-1	14191	14691	14448	14443	1.73	cps
Erbium	164-2	9317	9607	9427	9450	1.55	cps
Gadolinium	160-1	16593	16330	16323	16415	0.94	cps
Gadolinium	160-2	11031	11275	10984	11097	1.40	cps
Holmium	165-1	5037684	4960745	5008822	5002417	0.78	cps
Holmium	165-2	3220961	3285336	3272812	3259703	1.05	cps
Indium	115-1	3587061	3549530	3504102	3546898	1.17	cps
Indium	115-2	1094222	1090407	1098204	1094278	0.36	cps
Iron	56-2	45218921	44550343	44748878	44839380	0.77	cps
Iron	57-2	1175417	1164993	1167258	1169223	0.47	cps
Iron	54-2	2454511	2480495	2449263	2461423	0.68	cps
Krypton	83-1	90	117	90	99	15.57	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:37:10	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	302700	306120	307010	305277	0.75	cps
Lead	207-1	268486	272023	271550	270686	0.71	cps
Lead	208-1	1216870	1229791	1231555	1226072	0.65	cps
Lithium	6-1	812680	809680	807552	809971	0.32	cps
Magnesium	24-2	1190052	1182087	1151018	1174386	1.76	cps
Manganese	55-2	1935368	1904886	1906489	1915581	0.90	cps
Molybdenum	94-1	9403	9350	9416	9390	0.38	cps
Molybdenum	95-1	1473	1563	1430	1489	4.57	cps
Molybdenum	96-1	3530	3410	3664	3535	3.59	cps
Molybdenum	97-1	950	1010	963	974	3.23	cps
Molybdenum	98-1	2404	2177	2287	2289	4.95	cps
Neodymium	150-1	28492	29541	30102	29378	2.78	cps
Neodymium	150-2	15859	16099	15552	15837	1.73	cps
Nickel	60-2	225350	224535	225392	225092	0.21	cps
Phosphorus	31-2	4774	4701	4621	4699	1.63	cps
Potassium	39-2	1011121	1002987	1005411	1006506	0.41	cps
Rhodium	103-1	3141204	3028618	3057971	3075931	1.90	cps
Rhodium	103-2	1695326	1705819	1691744	1697630	0.43	cps
Scandium	45-1	1782385	1770753	1772827	1775322	0.35	cps
Scandium	45-2	152945	153448	154505	153633	0.52	cps
Selenium	82-1	5577	5535	5680	5597	1.34	cps
Selenium	77-2	610	533	610	584	7.57	cps
Selenium	78-2	1767	1673	1817	1752	4.15	cps
Silicon	28-1	3529794	3521381	3552511	3534562	0.46	cps
Silver	107-1	191391	195641	197210	194747	1.55	cps
Silver	109-1	188598	185582	186491	186890	0.83	cps
Sodium	23-2	61847	61877	62088	61937	0.21	cps
Strontium	86-1	57940	57542	57970	57817	0.41	cps
Strontium	88-1	505890	509711	507739	507780	0.38	cps
Sulfur	34-1	98461	99021	99072	98851	0.34	cps
Terbium	159-1	5174209	5160145	5044892	5126415	1.38	cps
Terbium	159-2	3171867	3170703	3157428	3166666	0.25	cps
Thallium	203-1	170698	171511	170911	171040	0.25	cps
Thallium	205-1	407675	411300	411505	410160	0.53	cps
Tin	118-1	11094	10898	11211	11068	1.43	cps
Titanium	47-1	186257	185622	184739	185539	0.41	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD581SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-11 21:37:10	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6915	7135	6952	7001	1.68	cps
Vanadium	51-2	575229	569583	574153	572988	0.52	cps
Yttrium	89-1	5873741	5875045	5863732	5870839	0.11	cps
Yttrium	89-2	1434759	1434481	1438238	1435826	0.15	cps
Zinc	66-2	150041	149991	151287	150440	0.49	cps
Zirconium	90-1	22945	23485	23462	23297	1.31	cps
Zirconium	91-1	5154	5351	5234	5247	1.89	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-04	Instrumnet Name :	P7
Client Sample ID :	MYD589	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:40:27	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3834025	3760257	3751514	3781932	1.20	cps
Antimony	121-1	9920	9860	10140	9974	1.48	cps
Arsenic	75-2	14594	14844	14557	14665	1.06	cps
Barium	135-1	517286	517597	517659	517514	0.04	cps
Barium	137-1	895977	910559	922003	909513	1.43	cps
Beryllium	9-1	1609	1745	1632	1662	4.37	cps
Bismuth	209-1	3148751	3126961	3164277	3146663	0.60	cps
Bismuth	209-2	2312149	2328669	2296557	2312458	0.69	cps
Bromine	81-1	8059	8509	8196	8255	2.80	cps
Bromine	81-2	493	410	533	479	13.14	cps
Cadmium	108-1	237	247	287	257	10.31	cps
Cadmium	106-1	2257	2214	2097	2189	3.78	cps
Cadmium	111-1	4114	4050	4094	4086	0.80	cps
Calcium	43-1	306935	308367	314627	309976	1.32	cps
Calcium	44-1	4632447	4672836	4732973	4679419	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105999	106509	105526	106011	0.46	cps
Cobalt	59-2	87862	86544	86001	86802	1.10	cps
Copper	63-2	464071	466194	460987	463751	0.56	cps
Dysprosium	156-1	43925	45350	43414	44229	2.27	cps
Dysprosium	156-2	33102	32668	33219	32997	0.88	cps
Erbium	164-1	35368	35652	35599	35540	0.42	cps
Erbium	164-2	22652	23266	22875	22931	1.36	cps
Gadolinium	160-1	40425	41013	41234	40891	1.02	cps
Gadolinium	160-2	27100	27561	26692	27117	1.60	cps
Holmium	165-1	5058520	5025826	4902546	4995631	1.65	cps
Holmium	165-2	3297632	3275481	3219607	3264240	1.23	cps
Indium	115-1	3498089	3547180	3462130	3502466	1.22	cps
Indium	115-2	1086249	1081583	1071971	1079935	0.67	cps
Iron	56-2	106282422	105794845	104456048	105511105	0.90	cps
Iron	57-2	2642616	2611074	2579715	2611135	1.20	cps
Iron	54-2	5789490	5760859	5749556	5766635	0.36	cps
Krypton	83-1	123	100	123	116	11.66	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-04	Instrumnet Name :	P7
Client Sample ID :	MYD589	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:40:27	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	606986	609871	611534	609464	0.38	cps
Lead	207-1	555698	562142	572452	563431	1.50	cps
Lead	208-1	2454519	2482341	2517177	2484679	1.26	cps
Lithium	6-1	799426	804252	805857	803178	0.42	cps
Magnesium	24-2	2964036	2926507	2941914	2944152	0.64	cps
Manganese	55-2	2668451	2618615	2597319	2628129	1.39	cps
Molybdenum	94-1	21069	22043	21826	21646	2.36	cps
Molybdenum	95-1	3304	3377	3267	3316	1.69	cps
Molybdenum	96-1	8139	8132	8229	8167	0.66	cps
Molybdenum	97-1	2000	2050	2027	2026	1.24	cps
Molybdenum	98-1	5428	5464	5378	5423	0.80	cps
Neodymium	150-1	72080	73989	74700	73590	1.84	cps
Neodymium	150-2	39635	39846	39509	39663	0.43	cps
Nickel	60-2	36110	36260	36498	36289	0.54	cps
Phosphorus	31-2	16709	17357	16769	16945	2.11	cps
Potassium	39-2	2834154	2827743	2788278	2816725	0.88	cps
Rhodium	103-1	3046794	3064252	3018091	3043046	0.77	cps
Rhodium	103-2	1684412	1677124	1669346	1676961	0.45	cps
Scandium	45-1	1796020	1796665	1789223	1793969	0.23	cps
Scandium	45-2	157936	158496	155720	157384	0.93	cps
Selenium	82-1	242	265	236	248	6.28	cps
Selenium	77-2	60	133	77	90	42.72	cps
Selenium	78-2	150	197	163	170	14.14	cps
Silicon	28-1	11708442	11837909	11905342	11817231	0.85	cps
Silver	107-1	5915	6121	5765	5933	3.02	cps
Silver	109-1	5735	5634	5638	5669	1.00	cps
Sodium	23-2	84386	83123	83390	83633	0.80	cps
Strontium	86-1	154457	157185	156342	155995	0.90	cps
Strontium	88-1	1343616	1366221	1367425	1359087	0.99	cps
Sulfur	34-1	114666	113786	115828	114760	0.89	cps
Terbium	159-1	5133050	5176180	5165308	5158180	0.43	cps
Terbium	159-2	3163117	3165220	3136810	3155049	0.50	cps
Thallium	203-1	1613	1593	1710	1639	3.81	cps
Thallium	205-1	4064	3997	4164	4075	2.06	cps
Tin	118-1	29794	30115	30038	29982	0.56	cps
Titanium	47-1	388832	393927	392662	391807	0.68	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-04	Instrumnet Name :	P7
Client Sample ID :	MYD589	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:40:27	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17054	17178	17595	17276	1.64	cps
Vanadium	51-2	178724	178070	178161	178319	0.20	cps
Yttrium	89-1	6068207	5932640	5974976	5991941	1.16	cps
Yttrium	89-2	1480364	1469452	1428036	1459284	1.89	cps
Zinc	66-2	134219	134371	133126	133906	0.51	cps
Zirconium	90-1	52952	53300	54093	53448	1.09	cps
Zirconium	91-1	11748	11938	12052	11913	1.29	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-05	Instrumnet Name :	P7
Client Sample ID :	MYD590	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:43:40	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2564092	2541650	2565985	2557242	0.53	cps
Antimony	121-1	7325	7128	7125	7193	1.59	cps
Arsenic	75-2	9817	10187	9717	9907	2.50	cps
Barium	135-1	364237	360815	365239	363430	0.64	cps
Barium	137-1	629264	635592	637977	634278	0.71	cps
Beryllium	9-1	1248	1223	1183	1218	2.71	cps
Bismuth	209-1	3143673	3082715	3146795	3124395	1.16	cps
Bismuth	209-2	2524245	2303306	2280579	2369377	5.68	cps
Bromine	81-1	6595	7082	7008	6895	3.81	cps
Bromine	81-2	243	227	210	227	7.35	cps
Cadmium	108-1	177	153	157	162	7.78	cps
Cadmium	106-1	2174	1953	2034	2054	5.42	cps
Cadmium	111-1	2668	2634	2721	2674	1.64	cps
Calcium	43-1	163699	164952	164318	164323	0.38	cps
Calcium	44-1	2534506	2487984	2475503	2499331	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93299	93283	92860	93147	0.27	cps
Cobalt	59-2	60571	60856	60381	60603	0.39	cps
Copper	63-2	392470	395791	398119	395460	0.72	cps
Dysprosium	156-1	34790	34596	35064	34816	0.68	cps
Dysprosium	156-2	26415	25947	26462	26275	1.08	cps
Erbium	164-1	26582	26425	26288	26432	0.56	cps
Erbium	164-2	16333	16330	16950	16538	2.16	cps
Gadolinium	160-1	29685	30396	30864	30315	1.96	cps
Gadolinium	160-2	20385	20789	20502	20558	1.01	cps
Holmium	165-1	5058520	4823568	4862094	4914727	2.56	cps
Holmium	165-2	3556088	3208589	3184627	3316435	6.27	cps
Indium	115-1	3495159	3403981	3402586	3433909	1.54	cps
Indium	115-2	1190697	1076186	1070237	1112373	6.10	cps
Iron	56-2	72331727	72969659	72512766	72604717	0.45	cps
Iron	57-2	1795367	1792826	1807738	1798644	0.44	cps
Iron	54-2	3963063	4024234	3968935	3985410	0.85	cps
Krypton	83-1	120	90	110	107	14.32	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-05	Instrumnet Name :	P7
Client Sample ID :	MYD590	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:43:40	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	343014	342488	341595	342366	0.21	cps
Lead	207-1	309618	313983	315345	312982	0.96	cps
Lead	208-1	1389316	1394996	1400348	1394887	0.40	cps
Lithium	6-1	796135	784401	784479	788338	0.86	cps
Magnesium	24-2	1978887	1952484	1961580	1964317	0.68	cps
Manganese	55-2	1607020	1598193	1615880	1607031	0.55	cps
Molybdenum	94-1	23559	23138	23175	23291	1.00	cps
Molybdenum	95-1	2150	2320	2347	2272	4.70	cps
Molybdenum	96-1	7002	7045	6962	7003	0.60	cps
Molybdenum	97-1	1500	1490	1550	1513	2.12	cps
Molybdenum	98-1	3787	3984	3794	3855	2.90	cps
Neodymium	150-1	61155	61644	62648	61816	1.23	cps
Neodymium	150-2	33129	32928	32651	32903	0.73	cps
Nickel	60-2	31647	31717	32559	31974	1.59	cps
Phosphorus	31-2	9256	9606	9603	9489	2.12	cps
Potassium	39-2	1226056	1263599	1231064	1240240	1.64	cps
Rhodium	103-1	3029442	2993089	2984054	3002195	0.80	cps
Rhodium	103-2	1861134	1693675	1642467	1732425	6.60	cps
Scandium	45-1	1778100	1729263	1716210	1741191	1.87	cps
Scandium	45-2	170321	154642	151535	158833	6.34	cps
Selenium	82-1	150	180	181	171	10.32	cps
Selenium	77-2	80	63	80	74	12.93	cps
Selenium	78-2	180	167	143	163	11.36	cps
Silicon	28-1	10057821	9973109	10036663	10022531	0.44	cps
Silver	107-1	2660	2687	2720	2689	1.12	cps
Silver	109-1	2570	2684	2600	2618	2.24	cps
Sodium	23-2	53275	52820	53141	53079	0.44	cps
Strontium	86-1	120676	121395	121217	121096	0.31	cps
Strontium	88-1	1059563	1078397	1077748	1071902	1.00	cps
Sulfur	34-1	101356	99487	100998	100614	0.99	cps
Terbium	159-1	4989499	4935497	5009572	4978190	0.77	cps
Terbium	159-2	3493066	3117001	3133825	3247964	6.54	cps
Thallium	203-1	1103	1073	1077	1085	1.52	cps
Thallium	205-1	2577	2637	2604	2606	1.15	cps
Tin	118-1	18335	18789	19053	18726	1.94	cps
Titanium	47-1	349133	352236	351574	350981	0.47	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-05	Instrumnet Name :	P7
Client Sample ID :	MYD590	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:43:40	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14682	14935	14945	14854	1.01	cps
Vanadium	51-2	125228	127187	126558	126324	0.79	cps
Yttrium	89-1	5915621	5865150	5828226	5869666	0.75	cps
Yttrium	89-2	1574543	1398821	1443877	1472414	6.20	cps
Zinc	66-2	83471	83682	83606	83586	0.13	cps
Zirconium	90-1	57780	59416	59326	58841	1.56	cps
Zirconium	91-1	13109	13113	13289	13170	0.78	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-06	Instrumnet Name :	P7
Client Sample ID :	MYD591	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:46:56	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4830713	4841553	4802211	4824826	0.42	cps
Antimony	121-1	8933	8763	8886	8861	0.99	cps
Arsenic	75-2	20925	20995	21145	21022	0.54	cps
Barium	135-1	705599	716355	722152	714702	1.18	cps
Barium	137-1	1227197	1245743	1252157	1241699	1.04	cps
Beryllium	9-1	1871	1872	1903	1882	0.96	cps
Bismuth	209-1	3135515	3115952	3158949	3136805	0.69	cps
Bismuth	209-2	2291206	2278344	2306553	2292034	0.62	cps
Bromine	81-1	8826	9023	9090	8979	1.53	cps
Bromine	81-2	627	610	607	614	1.74	cps
Cadmium	108-1	290	290	317	299	5.15	cps
Cadmium	106-1	2194	2170	2240	2201	1.62	cps
Cadmium	111-1	4386	4380	4443	4403	0.80	cps
Calcium	43-1	480430	482249	484132	482270	0.38	cps
Calcium	44-1	7177070	7279448	7308084	7254867	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	140084	141769	139094	140316	0.96	cps
Cobalt	59-2	108747	108122	107991	108287	0.37	cps
Copper	63-2	702588	710266	705429	706095	0.55	cps
Dysprosium	156-1	49918	52109	51738	51255	2.29	cps
Dysprosium	156-2	37704	37834	38573	38037	1.23	cps
Erbium	164-1	42374	42170	42508	42351	0.40	cps
Erbium	164-2	27364	27728	27143	27411	1.08	cps
Gadolinium	160-1	46202	47918	47841	47321	2.05	cps
Gadolinium	160-2	31582	31315	31525	31474	0.45	cps
Holmium	165-1	4960898	5017858	4981467	4986741	0.58	cps
Holmium	165-2	3251486	3202717	3228567	3227590	0.76	cps
Indium	115-1	3485301	3444347	3521096	3483581	1.10	cps
Indium	115-2	1082573	1068168	1073210	1074650	0.68	cps
Iron	56-2	127199808	128342678	127105855	127549447	0.54	cps
Iron	57-2	3201340	3197906	3149466	3182904	0.91	cps
Iron	54-2	6906687	7035145	6904572	6948801	1.08	cps
Krypton	83-1	107	127	140	124	13.48	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-06	Instrumnet Name :	P7
Client Sample ID :	MYD591	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:46:56	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	439839	441270	445022	442044	0.61	cps
Lead	207-1	387283	389845	393239	390122	0.77	cps
Lead	208-1	1764056	1766631	1782796	1771161	0.57	cps
Lithium	6-1	788535	793821	800580	794312	0.76	cps
Magnesium	24-2	3515566	3482253	3439453	3479091	1.10	cps
Manganese	55-2	6717235	6783368	6700968	6733857	0.65	cps
Molybdenum	94-1	26701	26821	26901	26808	0.38	cps
Molybdenum	95-1	5181	5298	5101	5193	1.91	cps
Molybdenum	96-1	10631	10954	10681	10755	1.62	cps
Molybdenum	97-1	3084	3024	3180	3096	2.55	cps
Molybdenum	98-1	8012	8116	7942	8023	1.09	cps
Neodymium	150-1	82097	82935	83224	82752	0.71	cps
Neodymium	150-2	44921	44674	44627	44741	0.35	cps
Nickel	60-2	41333	41116	40932	41127	0.49	cps
Phosphorus	31-2	13356	13222	13276	13285	0.51	cps
Potassium	39-2	2809900	2829187	2834532	2824540	0.46	cps
Rhodium	103-1	2997581	2996282	2990212	2994692	0.13	cps
Rhodium	103-2	1666209	1680681	1676113	1674334	0.44	cps
Scandium	45-1	1827944	1827145	1829796	1828295	0.07	cps
Scandium	45-2	158253	160314	159109	159225	0.65	cps
Selenium	82-1	244	228	217	229	5.96	cps
Selenium	77-2	103	77	103	94	16.30	cps
Selenium	78-2	257	153	143	184	34.02	cps
Silicon	28-1	10591274	10783082	10826064	10733473	1.16	cps
Silver	107-1	6318	6648	6345	6437	2.85	cps
Silver	109-1	6138	6128	6291	6186	1.48	cps
Sodium	23-2	118045	117094	117641	117593	0.41	cps
Strontium	86-1	183755	187746	187160	186220	1.16	cps
Strontium	88-1	1630125	1660702	1650832	1647220	0.95	cps
Sulfur	34-1	105564	107384	106622	106523	0.86	cps
Terbium	159-1	5032611	5107325	5099720	5079886	0.81	cps
Terbium	159-2	3139933	3159981	3147138	3149017	0.32	cps
Thallium	203-1	2214	2084	2180	2159	3.13	cps
Thallium	205-1	5191	5034	5318	5181	2.74	cps
Tin	118-1	18585	18739	18886	18737	0.80	cps
Titanium	47-1	610945	619764	621591	617433	0.92	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-06	Instrumnet Name :	P7
Client Sample ID :	MYD591	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:46:56	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21157	21751	21454	21454	1.39	cps
Vanadium	51-2	223105	226145	223030	224093	0.79	cps
Yttrium	89-1	6058410	6125688	6160379	6114826	0.85	cps
Yttrium	89-2	1470935	1473115	1463284	1469112	0.35	cps
Zinc	66-2	119399	120427	119668	119831	0.45	cps
Zirconium	90-1	61993	63573	64096	63221	1.73	cps
Zirconium	91-1	13620	14524	14604	14249	3.84	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-07	Instrumnet Name :	P7
Client Sample ID :	MYD592	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:50:09	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3549491	3579900	3551506	3560299	0.48	cps
Antimony	121-1	11378	11515	11902	11598	2.34	cps
Arsenic	75-2	19760	19850	19907	19839	0.37	cps
Barium	135-1	584234	586975	584434	585214	0.26	cps
Barium	137-1	1016764	1018999	1021738	1019167	0.24	cps
Beryllium	9-1	1744	1724	1588	1685	5.05	cps
Bismuth	209-1	3158741	3221156	3182737	3187545	0.99	cps
Bismuth	209-2	2334573	2356775	2343386	2344912	0.48	cps
Bromine	81-1	8252	8406	8272	8310	1.00	cps
Bromine	81-2	447	460	533	480	9.72	cps
Cadmium	108-1	357	417	367	380	8.46	cps
Cadmium	106-1	2297	2260	2334	2297	1.60	cps
Cadmium	111-1	5859	5621	5884	5788	2.51	cps
Calcium	43-1	247272	246764	245488	246508	0.37	cps
Calcium	44-1	3702705	3748943	3725209	3725619	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108413	108000	108241	108218	0.19	cps
Cobalt	59-2	92382	92908	92741	92677	0.29	cps
Copper	63-2	980832	986151	977883	981622	0.43	cps
Dysprosium	156-1	45493	45390	46263	45715	1.04	cps
Dysprosium	156-2	33978	33473	34308	33920	1.24	cps
Erbium	164-1	36885	37467	37895	37415	1.35	cps
Erbium	164-2	24455	23630	23590	23892	2.04	cps
Gadolinium	160-1	41267	42528	42762	42186	1.91	cps
Gadolinium	160-2	27477	28492	28248	28073	1.89	cps
Holmium	165-1	4983659	5049446	5001311	5011472	0.68	cps
Holmium	165-2	3272888	3250203	3224830	3249307	0.74	cps
Indium	115-1	3516556	3531359	3539586	3529167	0.33	cps
Indium	115-2	1093640	1094870	1091891	1093467	0.14	cps
Iron	56-2	108244328	106653225	106933202	107276918	0.79	cps
Iron	57-2	2706006	2678635	2662274	2682305	0.82	cps
Iron	54-2	5953805	5910616	5953516	5939312	0.42	cps
Krypton	83-1	113	120	90	108	14.62	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-07	Instrumnet Name :	P7
Client Sample ID :	MYD592	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:50:09	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	685896	688448	690657	688333	0.35	cps
Lead	207-1	610053	612050	610150	610751	0.18	cps
Lead	208-1	2741371	2779112	2766188	2762224	0.69	cps
Lithium	6-1	791706	801807	802660	798724	0.76	cps
Magnesium	24-2	2795153	2810079	2782544	2795925	0.49	cps
Manganese	55-2	4252197	4180384	4231706	4221429	0.88	cps
Molybdenum	94-1	22284	22684	22815	22594	1.22	cps
Molybdenum	95-1	3767	4104	3814	3895	4.68	cps
Molybdenum	96-1	8913	8816	8893	8874	0.58	cps
Molybdenum	97-1	2497	2320	2467	2428	3.89	cps
Molybdenum	98-1	6221	6311	6228	6254	0.80	cps
Neodymium	150-1	75849	76747	75410	76002	0.90	cps
Neodymium	150-2	41404	41354	40424	41061	1.34	cps
Nickel	60-2	34954	34343	35325	34874	1.42	cps
Phosphorus	31-2	12649	12152	12298	12366	2.07	cps
Potassium	39-2	2386836	2419162	2408931	2404976	0.69	cps
Rhodium	103-1	3031109	3042163	3059392	3044221	0.47	cps
Rhodium	103-2	1704406	1728297	1697723	1710142	0.94	cps
Scandium	45-1	1809698	1854090	1821121	1828303	1.26	cps
Scandium	45-2	157784	159601	158159	158515	0.61	cps
Selenium	82-1	283	224	274	261	12.11	cps
Selenium	77-2	100	47	70	72	37.02	cps
Selenium	78-2	137	150	167	151	9.95	cps
Silicon	28-1	10313848	10237723	10315035	10288869	0.43	cps
Silver	107-1	9196	9190	9480	9289	1.78	cps
Silver	109-1	8703	8779	9046	8843	2.04	cps
Sodium	23-2	135970	136091	136088	136050	0.05	cps
Strontium	86-1	154547	157610	157239	156465	1.07	cps
Strontium	88-1	1363505	1375702	1377679	1372296	0.56	cps
Sulfur	34-1	106917	105487	105195	105867	0.87	cps
Terbium	159-1	5146381	5159713	5050957	5119017	1.16	cps
Terbium	159-2	3147457	3207318	3195545	3183440	1.00	cps
Thallium	203-1	1940	2077	1923	1980	4.25	cps
Thallium	205-1	4798	4607	4614	4673	2.31	cps
Tin	118-1	61209	60905	62481	61532	1.36	cps
Titanium	47-1	377839	379150	380544	379178	0.36	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-07	Instrumnet Name :	P7
Client Sample ID :	MYD592	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:50:09	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15286	15189	15986	15487	2.81	cps
Vanadium	51-2	175629	176043	176431	176034	0.23	cps
Yttrium	89-1	6140996	6072332	6127465	6113598	0.59	cps
Yttrium	89-2	1464918	1482374	1477645	1474979	0.61	cps
Zinc	66-2	145342	144635	143639	144539	0.59	cps
Zirconium	90-1	54484	55447	54139	54690	1.24	cps
Zirconium	91-1	12435	12429	12529	12464	0.45	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-08	Instrumnet Name :	P7
Client Sample ID :	MYD593	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:53:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3660232	3690233	3724632	3691699	0.87	cps
Antimony	121-1	42446	44054	44248	43583	2.27	cps
Arsenic	75-2	20401	20274	21032	20569	1.97	cps
Barium	135-1	840439	847245	848363	845349	0.51	cps
Barium	137-1	1464574	1466012	1471361	1467316	0.24	cps
Beryllium	9-1	1546	1542	1495	1528	1.84	cps
Bismuth	209-1	3168565	3129396	3088355	3128772	1.28	cps
Bismuth	209-2	2357753	2111669	1987692	2152371	8.75	cps
Bromine	81-1	8299	8889	9166	8785	5.04	cps
Bromine	81-2	563	557	597	572	3.74	cps
Cadmium	108-1	350	293	360	334	10.75	cps
Cadmium	106-1	2207	2110	2154	2157	2.25	cps
Cadmium	111-1	5030	4756	5063	4950	3.41	cps
Calcium	43-1	282552	285027	285786	284455	0.59	cps
Calcium	44-1	4277822	4305797	4331948	4305189	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115820	119395	118897	118037	1.64	cps
Cobalt	59-2	104060	105803	106598	105487	1.23	cps
Copper	63-2	923029	927617	929004	926550	0.34	cps
Dysprosium	156-1	38924	39542	40114	39527	1.51	cps
Dysprosium	156-2	29361	29551	29595	29502	0.42	cps
Erbium	164-1	32524	32999	33246	32923	1.11	cps
Erbium	164-2	20839	20946	20836	20873	0.30	cps
Gadolinium	160-1	36096	36905	37510	36837	1.93	cps
Gadolinium	160-2	24455	25129	24475	24686	1.55	cps
Holmium	165-1	5023730	5004190	4914422	4980781	1.17	cps
Holmium	165-2	3296946	2989422	2837189	3041185	7.70	cps
Indium	115-1	3514192	3533364	3466202	3504586	0.99	cps
Indium	115-2	1087151	990992	938196	1005447	7.51	cps
Iron	56-2	117367465	118442498	116775705	117528556	0.72	cps
Iron	57-2	2903523	2952669	2934099	2930097	0.85	cps
Iron	54-2	6462863	6462589	6453415	6459622	0.08	cps
Krypton	83-1	137	83	83	101	30.46	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-08	Instrumnet Name :	P7
Client Sample ID :	MYD593	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:53:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	456209	465664	464914	462262	1.14	cps
Lead	207-1	405675	411133	413608	410139	0.99	cps
Lead	208-1	1829265	1855195	1867559	1850673	1.06	cps
Lithium	6-1	796362	793925	776941	789076	1.34	cps
Magnesium	24-2	2784483	2781854	2727212	2764516	1.17	cps
Manganese	55-2	5806676	5864901	5838915	5836831	0.50	cps
Molybdenum	94-1	18669	18525	18478	18557	0.53	cps
Molybdenum	95-1	5528	5371	5464	5454	1.45	cps
Molybdenum	96-1	9537	9697	9697	9643	0.96	cps
Molybdenum	97-1	3197	3344	3387	3309	3.01	cps
Molybdenum	98-1	8566	8543	8693	8600	0.94	cps
Neodymium	150-1	64972	64637	64453	64687	0.41	cps
Neodymium	150-2	35521	35458	34997	35325	0.81	cps
Nickel	60-2	34627	35676	35636	35313	1.68	cps
Phosphorus	31-2	15114	15314	15628	15352	1.69	cps
Potassium	39-2	2553416	2600831	2553983	2569410	1.06	cps
Rhodium	103-1	3050374	2999721	2988124	3012740	1.10	cps
Rhodium	103-2	1686400	1556289	1452335	1565008	7.49	cps
Scandium	45-1	1815668	1791732	1752170	1786523	1.79	cps
Scandium	45-2	158902	143836	135483	146073	8.13	cps
Selenium	82-1	232	239	255	242	4.78	cps
Selenium	77-2	100	77	80	86	14.75	cps
Selenium	78-2	153	177	157	162	7.78	cps
Silicon	28-1	10358510	10470872	10645135	10491506	1.38	cps
Silver	107-1	6705	6461	6358	6508	2.74	cps
Silver	109-1	6295	6148	6205	6216	1.19	cps
Sodium	23-2	147454	147666	149003	148041	0.57	cps
Strontium	86-1	159513	158934	159780	159409	0.27	cps
Strontium	88-1	1382129	1394923	1407284	1394779	0.90	cps
Sulfur	34-1	103944	104135	106659	104912	1.44	cps
Terbium	159-1	5053360	5167487	5034301	5085049	1.42	cps
Terbium	159-2	3197141	2851062	2764192	2937465	7.80	cps
Thallium	203-1	1940	1833	2030	1935	5.09	cps
Thallium	205-1	4271	4377	4457	4369	2.14	cps
Tin	118-1	95329	99034	99114	97826	2.21	cps
Titanium	47-1	493768	502808	502980	499852	1.05	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-08	Instrumnet Name :	P7
Client Sample ID :	MYD593	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:53:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15656	15272	15579	15502	1.31	cps
Vanadium	51-2	194628	196978	195655	195754	0.60	cps
Yttrium	89-1	6084265	6124189	5954208	6054220	1.47	cps
Yttrium	89-2	1463253	1326180	1277297	1355577	7.11	cps
Zinc	66-2	172939	174152	172291	173127	0.55	cps
Zirconium	90-1	40820	41926	41876	41541	1.50	cps
Zirconium	91-1	9196	9043	9570	9270	2.92	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-09	Instrumnet Name :	P7
Client Sample ID :	MYD594	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:56:37	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3638335	3648126	3643850	3643437	0.13	cps
Antimony	121-1	9303	9473	9507	9428	1.16	cps
Arsenic	75-2	14234	14147	13957	14112	1.00	cps
Barium	135-1	462338	470573	481048	471320	1.99	cps
Barium	137-1	802057	822552	818438	814349	1.33	cps
Beryllium	9-1	1296	1484	1321	1367	7.48	cps
Bismuth	209-1	3095244	3041382	3155640	3097422	1.85	cps
Bismuth	209-2	2272131	2307853	2266029	2282004	0.99	cps
Bromine	81-1	7969	7705	7749	7808	1.81	cps
Bromine	81-2	323	467	470	420	19.94	cps
Cadmium	108-1	207	213	207	209	1.84	cps
Cadmium	106-1	2167	2320	2094	2194	5.27	cps
Cadmium	111-1	3602	3702	3618	3641	1.47	cps
Calcium	43-1	219099	222819	224512	222143	1.25	cps
Calcium	44-1	3308231	3346256	3378243	3344243	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	112257	112217	111737	112070	0.26	cps
Cobalt	59-2	76946	76818	76966	76910	0.10	cps
Copper	63-2	428487	430087	429843	429472	0.20	cps
Dysprosium	156-1	42461	42564	42588	42538	0.16	cps
Dysprosium	156-2	32287	32270	32304	32287	0.05	cps
Erbium	164-1	33988	33540	35057	34195	2.28	cps
Erbium	164-2	22261	22037	22164	22154	0.51	cps
Gadolinium	160-1	39195	39990	39061	39415	1.27	cps
Gadolinium	160-2	26772	26288	27293	26785	1.88	cps
Holmium	165-1	4902889	4863181	4950642	4905571	0.89	cps
Holmium	165-2	3223096	3171492	3183921	3192836	0.84	cps
Indium	115-1	3406859	3417568	3427479	3417302	0.30	cps
Indium	115-2	1079191	1065733	1055836	1066920	1.10	cps
Iron	56-2	98848409	98303285	98015242	98388979	0.43	cps
Iron	57-2	2436588	2449821	2484200	2456870	1.00	cps
Iron	54-2	5332582	5348571	5349941	5343698	0.18	cps
Krypton	83-1	107	93	143	114	22.63	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-09	Instrumnet Name :	P7
Client Sample ID :	MYD594	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:56:37	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	540864	541543	555873	546093	1.55	cps
Lead	207-1	487261	499521	501192	495991	1.53	cps
Lead	208-1	2208605	2242091	2250104	2233600	0.99	cps
Lithium	6-1	765209	760968	777604	767927	1.13	cps
Magnesium	24-2	2734526	2707094	2706652	2716091	0.59	cps
Manganese	55-2	2229462	2213938	2225515	2222972	0.36	cps
Molybdenum	94-1	29867	31323	31748	30979	3.18	cps
Molybdenum	95-1	3050	2767	2907	2908	4.87	cps
Molybdenum	96-1	9113	9170	9320	9201	1.16	cps
Molybdenum	97-1	1777	1773	2010	1853	7.32	cps
Molybdenum	98-1	4454	4871	4651	4659	4.48	cps
Neodymium	150-1	73245	74797	75460	74501	1.53	cps
Neodymium	150-2	40501	39966	40328	40265	0.68	cps
Nickel	60-2	35311	35074	34603	34996	1.03	cps
Phosphorus	31-2	11991	11858	11771	11874	0.93	cps
Potassium	39-2	1854528	1817545	1823148	1831740	1.09	cps
Rhodium	103-1	2953139	2959456	2974457	2962350	0.37	cps
Rhodium	103-2	1682717	1668150	1628972	1659946	1.67	cps
Scandium	45-1	1752417	1747221	1761113	1753584	0.40	cps
Scandium	45-2	155697	153666	152885	154083	0.94	cps
Selenium	82-1	228	218	218	221	2.56	cps
Selenium	77-2	93	53	100	82	30.70	cps
Selenium	78-2	207	143	133	161	24.68	cps
Silicon	28-1	7344732	7475919	7547379	7456010	1.38	cps
Silver	107-1	4537	4954	4707	4733	4.43	cps
Silver	109-1	4727	4474	4437	4546	3.47	cps
Sodium	23-2	71907	72238	72620	72255	0.49	cps
Strontium	86-1	130895	133932	134669	133165	1.50	cps
Strontium	88-1	1169895	1189752	1190763	1183470	0.99	cps
Sulfur	34-1	104850	103041	103645	103845	0.89	cps
Terbium	159-1	4886996	4975736	5012877	4958536	1.30	cps
Terbium	159-2	3169933	3172693	3077419	3140015	1.73	cps
Thallium	203-1	1410	1220	1380	1337	7.64	cps
Thallium	205-1	3210	3267	3247	3242	0.89	cps
Tin	118-1	21045	21530	21847	21474	1.88	cps
Titanium	47-1	429287	433124	440170	434194	1.27	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-09	Instrumnet Name :	P7
Client Sample ID :	MYD594	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:56:37	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15356	15856	14912	15375	3.07	cps
Vanadium	51-2	168742	167609	169802	168718	0.65	cps
Yttrium	89-1	5958560	5962131	6058899	5993197	0.95	cps
Yttrium	89-2	1471667	1434500	1460347	1455505	1.31	cps
Zinc	66-2	126533	125098	125525	125719	0.59	cps
Zirconium	90-1	76836	78642	78914	78131	1.45	cps
Zirconium	91-1	17153	17537	17925	17539	2.20	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-10	Instrumnet Name :	P7
Client Sample ID :	MYD595	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:59:53	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3759004	3759126	3763552	3760561	0.07	cps
Antimony	121-1	5791	5708	5598	5699	1.70	cps
Arsenic	75-2	11665	11675	11218	11519	2.27	cps
Barium	135-1	464173	466487	467951	466204	0.41	cps
Barium	137-1	802409	813028	803508	806315	0.72	cps
Beryllium	9-1	1584	1627	1392	1534	8.16	cps
Bismuth	209-1	3186900	2782835	3252853	3074196	8.28	cps
Bismuth	209-2	2320414	2340832	2273388	2311545	1.50	cps
Bromine	81-1	10354	10681	10574	10536	1.58	cps
Bromine	81-2	863	810	767	813	5.95	cps
Cadmium	108-1	203	227	247	226	9.61	cps
Cadmium	106-1	2157	2087	2184	2142	2.33	cps
Cadmium	111-1	3401	3272	3433	3369	2.52	cps
Calcium	43-1	534921	544207	536216	538448	0.93	cps
Calcium	44-1	8036058	8276230	8128831	8147039	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108825	108104	108920	108616	0.41	cps
Cobalt	59-2	95383	95015	95642	95347	0.33	cps
Copper	63-2	299904	297854	297341	298366	0.45	cps
Dysprosium	156-1	38302	39820	39185	39102	1.95	cps
Dysprosium	156-2	29070	29127	28532	28910	1.14	cps
Erbium	164-1	31649	32267	31709	31875	1.07	cps
Erbium	164-2	20131	19874	19891	19965	0.72	cps
Gadolinium	160-1	35455	35415	35207	35359	0.38	cps
Gadolinium	160-2	24064	23984	23580	23876	1.09	cps
Holmium	165-1	5010652	4515872	5124497	4883674	6.63	cps
Holmium	165-2	3242978	3237279	3251786	3244014	0.23	cps
Indium	115-1	3561970	3062532	3600642	3408381	8.81	cps
Indium	115-2	1082061	1081656	1072317	1078678	0.51	cps
Iron	56-2	102077082	100219339	100668755	100988392	0.96	cps
Iron	57-2	2529619	2472301	2543389	2515103	1.50	cps
Iron	54-2	5565037	5502040	5602050	5556376	0.91	cps
Krypton	83-1	97	113	87	99	13.62	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-10	Instrumnet Name :	P7
Client Sample ID :	MYD595	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:59:53	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	367914	368907	364089	366970	0.69	cps
Lead	207-1	330845	337283	330651	332927	1.13	cps
Lead	208-1	1489005	1498923	1482985	1490304	0.54	cps
Lithium	6-1	786400	702993	796419	761937	6.73	cps
Magnesium	24-2	2825942	2815310	2804406	2815219	0.38	cps
Manganese	55-2	2844595	2827586	2825605	2832595	0.37	cps
Molybdenum	94-1	21055	21549	20224	20943	3.20	cps
Molybdenum	95-1	4471	4551	4741	4587	3.02	cps
Molybdenum	96-1	9003	9126	9376	9169	2.08	cps
Molybdenum	97-1	2850	2814	2807	2824	0.83	cps
Molybdenum	98-1	6778	7475	7492	7249	5.62	cps
Neodymium	150-1	65595	66894	66653	66381	1.04	cps
Neodymium	150-2	35140	34576	35160	34959	0.95	cps
Nickel	60-2	33123	33053	32605	32927	0.85	cps
Phosphorus	31-2	11074	11424	11037	11179	1.91	cps
Potassium	39-2	2265215	2234658	2290873	2263582	1.24	cps
Rhodium	103-1	3007230	2664699	3089341	2920424	7.71	cps
Rhodium	103-2	1681604	1671052	1655432	1669363	0.79	cps
Scandium	45-1	1806433	1595662	1808268	1736788	7.04	cps
Scandium	45-2	156505	157006	156721	156744	0.16	cps
Selenium	82-1	268	237	275	260	7.69	cps
Selenium	77-2	73	87	63	74	15.73	cps
Selenium	78-2	133	143	120	132	8.86	cps
Silicon	28-1	11947485	12107309	12087764	12047520	0.72	cps
Silver	107-1	3507	3714	3697	3639	3.16	cps
Silver	109-1	3260	3387	3290	3313	2.00	cps
Sodium	23-2	131200	131371	131169	131247	0.08	cps
Strontium	86-1	195192	200349	198275	197939	1.31	cps
Strontium	88-1	1789142	1760024	1740412	1763193	1.39	cps
Sulfur	34-1	119855	120517	121955	120776	0.89	cps
Terbium	159-1	5113108	4550362	5161140	4941537	6.87	cps
Terbium	159-2	3143927	3186645	3121244	3150605	1.05	cps
Thallium	203-1	1380	1483	1453	1439	3.69	cps
Thallium	205-1	3430	3464	3490	3462	0.87	cps
Tin	118-1	13566	13366	13456	13463	0.74	cps
Titanium	47-1	492181	502252	497304	497246	1.01	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-10	Instrumnet Name :	P7
Client Sample ID :	MYD595	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 21:59:53	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15339	15299	14768	15135	2.10	cps
Vanadium	51-2	184021	183727	184284	184010	0.15	cps
Yttrium	89-1	6077239	5342230	6076733	5832067	7.27	cps
Yttrium	89-2	1449238	1444151	1426688	1440026	0.82	cps
Zinc	66-2	86552	86756	86629	86646	0.12	cps
Zirconium	90-1	48593	50018	49566	49393	1.47	cps
Zirconium	91-1	10958	11588	10864	11137	3.54	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-11	Instrumnet Name :	P7
Client Sample ID :	MYD596	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:03:05	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1638351	1621918	1609034	1623101	0.91	cps
Antimony	121-1	2090	2034	2237	2120	4.95	cps
Arsenic	75-2	2927	3037	3010	2991	1.92	cps
Barium	135-1	231889	230150	227890	229976	0.87	cps
Barium	137-1	395412	393829	394746	394662	0.20	cps
Beryllium	9-1	986	1001	967	985	1.72	cps
Bismuth	209-1	2871827	3230751	3118512	3073696	5.97	cps
Bismuth	209-2	2274698	2247862	2276167	2266242	0.70	cps
Bromine	81-1	7892	7739	7939	7857	1.33	cps
Bromine	81-2	420	323	337	360	14.55	cps
Cadmium	108-1	87	73	70	77	11.51	cps
Cadmium	106-1	1757	1853	1863	1825	3.23	cps
Cadmium	111-1	1569	1736	1732	1679	5.68	cps
Calcium	43-1	167792	166124	165625	166514	0.68	cps
Calcium	44-1	2513636	2526901	2519337	2519958	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76087	76338	76580	76335	0.32	cps
Cobalt	59-2	40785	40658	40177	40540	0.79	cps
Copper	63-2	76943	77543	76977	77154	0.44	cps
Dysprosium	156-1	31201	30657	30570	30809	1.11	cps
Dysprosium	156-2	24381	24151	23937	24156	0.92	cps
Erbium	164-1	19470	18733	19634	19279	2.49	cps
Erbium	164-2	12132	12229	12332	12231	0.82	cps
Gadolinium	160-1	24214	23680	24131	24008	1.20	cps
Gadolinium	160-2	15575	16300	16003	15959	2.28	cps
Holmium	165-1	4549556	5224063	4883807	4885809	6.90	cps
Holmium	165-2	3137903	3109804	3127895	3125201	0.46	cps
Indium	115-1	3238621	3605173	3474066	3439287	5.40	cps
Indium	115-2	1054203	1055315	1059431	1056316	0.26	cps
Iron	56-2	41471108	41152038	41239060	41287402	0.40	cps
Iron	57-2	1080908	1075258	1076971	1077713	0.27	cps
Iron	54-2	2314947	2294044	2283456	2297482	0.70	cps
Krypton	83-1	103	107	77	96	17.21	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-11	Instrumnet Name :	P7
Client Sample ID :	MYD596	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:03:05	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	66920	67952	66924	67265	0.88	cps
Lead	207-1	52775	52732	52246	52584	0.56	cps
Lead	208-1	248874	249626	248742	249081	0.19	cps
Lithium	6-1	715108	791606	764080	756932	5.12	cps
Magnesium	24-2	1445690	1410854	1417544	1424696	1.30	cps
Manganese	55-2	846530	839471	837492	841165	0.56	cps
Molybdenum	94-1	15001	14337	15118	14819	2.84	cps
Molybdenum	95-1	1193	1257	1157	1202	4.21	cps
Molybdenum	96-1	4247	4041	4214	4167	2.66	cps
Molybdenum	97-1	777	710	800	762	6.13	cps
Molybdenum	98-1	1867	1890	1847	1868	1.16	cps
Neodymium	150-1	59050	58300	58608	58652	0.64	cps
Neodymium	150-2	31716	31889	31863	31823	0.29	cps
Nickel	60-2	28888	29452	28687	29009	1.37	cps
Phosphorus	31-2	9513	9353	8959	9275	3.07	cps
Potassium	39-2	1171696	1159609	1163696	1165000	0.53	cps
Rhodium	103-1	2783391	3140608	2962561	2962187	6.03	cps
Rhodium	103-2	1678203	1636739	1663298	1659413	1.27	cps
Scandium	45-1	1574364	1772519	1717684	1688189	6.06	cps
Scandium	45-2	145941	147153	148155	147083	0.75	cps
Selenium	82-1	129	160	181	157	16.88	cps
Selenium	77-2	60	57	43	53	16.54	cps
Selenium	78-2	113	163	103	127	25.38	cps
Silicon	28-1	9186374	9139939	9109555	9145290	0.42	cps
Silver	107-1	643	667	720	677	5.81	cps
Silver	109-1	543	557	653	584	10.27	cps
Sodium	23-2	57112	57390	56737	57080	0.57	cps
Strontium	86-1	136740	136560	136280	136527	0.17	cps
Strontium	88-1	1197062	1189957	1201393	1196138	0.48	cps
Sulfur	34-1	105346	105074	104779	105067	0.27	cps
Terbium	159-1	4602862	5135716	4884743	4874440	5.47	cps
Terbium	159-2	3073851	3107762	3040841	3074152	1.09	cps
Thallium	203-1	793	977	887	886	10.35	cps
Thallium	205-1	2094	1980	2070	2048	2.92	cps
Tin	118-1	16546	16459	16970	16659	1.64	cps
Titanium	47-1	411585	409996	409055	410212	0.31	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-11	Instrumnet Name :	P7
Client Sample ID :	MYD596	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:03:05	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16020	15966	15936	15974	0.26	cps
Vanadium	51-2	77769	77651	76824	77415	0.67	cps
Yttrium	89-1	5386556	5942030	5812755	5713780	5.09	cps
Yttrium	89-2	1397790	1398805	1404458	1400351	0.26	cps
Zinc	66-2	30758	31857	31617	31411	1.84	cps
Zirconium	90-1	38617	38183	39005	38602	1.07	cps
Zirconium	91-1	8406	8226	8689	8440	2.77	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-12	Instrumnet Name :	P7
Client Sample ID :	MYD597	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:06:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1934124	1904368	1921010	1919834	0.78	cps
Antimony	121-1	1873	1723	1833	1810	4.29	cps
Arsenic	75-2	2960	2920	2850	2910	1.91	cps
Barium	135-1	278052	277932	277974	277986	0.02	cps
Barium	137-1	480552	483242	488131	483975	0.79	cps
Beryllium	9-1	1001	1119	1124	1081	6.40	cps
Bismuth	209-1	3122778	3053578	3049416	3075257	1.34	cps
Bismuth	209-2	2263118	2276051	2261790	2266986	0.35	cps
Bromine	81-1	7829	7919	8176	7974	2.26	cps
Bromine	81-2	410	373	480	421	12.87	cps
Cadmium	108-1	83	63	67	71	15.07	cps
Cadmium	106-1	1847	1770	1760	1792	2.65	cps
Cadmium	111-1	1541	1518	1525	1528	0.77	cps
Calcium	43-1	153211	154117	152167	153165	0.64	cps
Calcium	44-1	2320823	2341531	2291767	2318040	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91585	92645	91633	91954	0.65	cps
Cobalt	59-2	51408	51451	51461	51440	0.06	cps
Copper	63-2	76631	76605	76842	76693	0.17	cps
Dysprosium	156-1	31526	30837	31716	31359	1.47	cps
Dysprosium	156-2	23947	24895	24705	24516	2.05	cps
Erbium	164-1	19624	19948	19697	19756	0.86	cps
Erbium	164-2	12749	12689	12929	12789	0.98	cps
Gadolinium	160-1	25149	25390	25386	25308	0.54	cps
Gadolinium	160-2	17374	16783	17441	17200	2.10	cps
Holmium	165-1	4903633	4802160	4815752	4840515	1.14	cps
Holmium	165-2	3192233	3222810	3167317	3194120	0.87	cps
Indium	115-1	3530284	3440639	3432441	3467788	1.57	cps
Indium	115-2	1065211	1072328	1055763	1064434	0.78	cps
Iron	56-2	48911366	48764099	49167536	48947667	0.42	cps
Iron	57-2	1275732	1274293	1278695	1276240	0.18	cps
Iron	54-2	2696215	2715810	2663477	2691834	0.98	cps
Krypton	83-1	67	107	97	90	23.13	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-12	Instrumnet Name :	P7
Client Sample ID :	MYD597	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:06:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	61415	60621	61843	61293	1.01	cps
Lead	207-1	47894	48008	49155	48352	1.44	cps
Lead	208-1	226681	228389	229987	228352	0.72	cps
Lithium	6-1	766089	766035	767249	766458	0.09	cps
Magnesium	24-2	1680772	1696583	1689595	1688983	0.47	cps
Manganese	55-2	1004474	1010149	1006331	1006985	0.29	cps
Molybdenum	94-1	15915	16126	16319	16120	1.25	cps
Molybdenum	95-1	1423	1463	1497	1461	2.51	cps
Molybdenum	96-1	4731	4597	4731	4686	1.64	cps
Molybdenum	97-1	920	857	857	878	4.17	cps
Molybdenum	98-1	2200	2214	2284	2232	2.01	cps
Neodymium	150-1	57523	59582	59588	58898	2.02	cps
Neodymium	150-2	32300	32030	32157	32162	0.42	cps
Nickel	60-2	34232	33918	34273	34141	0.57	cps
Phosphorus	31-2	9970	10257	9983	10070	1.61	cps
Potassium	39-2	1202362	1206924	1204511	1204599	0.19	cps
Rhodium	103-1	2990405	2984229	3028285	3000973	0.79	cps
Rhodium	103-2	1679718	1670925	1681101	1677248	0.33	cps
Scandium	45-1	1722657	1696165	1663007	1693943	1.76	cps
Scandium	45-2	149169	149704	146180	148351	1.28	cps
Selenium	82-1	158	118	129	135	15.27	cps
Selenium	77-2	63	53	57	58	8.81	cps
Selenium	78-2	157	147	163	156	5.39	cps
Silicon	28-1	8419451	8476246	8472926	8456208	0.38	cps
Silver	107-1	563	617	600	593	4.60	cps
Silver	109-1	590	507	653	583	12.61	cps
Sodium	23-2	59233	59545	59618	59465	0.34	cps
Strontium	86-1	135701	134507	136239	135483	0.65	cps
Strontium	88-1	1178848	1194803	1188423	1187358	0.68	cps
Sulfur	34-1	97877	98914	96680	97824	1.14	cps
Terbium	159-1	5033682	5056684	5066955	5052440	0.34	cps
Terbium	159-2	3072387	3122784	3082357	3092509	0.86	cps
Thallium	203-1	1100	920	1207	1076	13.47	cps
Thallium	205-1	2624	2647	2714	2661	1.76	cps
Tin	118-1	9373	9797	9500	9557	2.28	cps
Titanium	47-1	404804	410065	412811	409227	0.99	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-12	Instrumnet Name :	P7
Client Sample ID :	MYD597	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:06:24	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18613	18720	19174	18836	1.58	cps
Vanadium	51-2	89708	89493	89738	89646	0.15	cps
Yttrium	89-1	5674971	5740391	5722132	5712498	0.59	cps
Yttrium	89-2	1419833	1425409	1406625	1417289	0.68	cps
Zinc	66-2	32345	32258	32044	32216	0.48	cps
Zirconium	90-1	39834	40947	40827	40536	1.51	cps
Zirconium	91-1	8773	9206	9006	8995	2.41	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-13	Instrumnet Name :	P7
Client Sample ID :	MYD598	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:09:40	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2891850	2870048	2907702	2889867	0.65	cps
Antimony	121-1	8693	8443	8686	8607	1.66	cps
Arsenic	75-2	17434	18121	17914	17823	1.98	cps
Barium	135-1	462635	465806	461370	463270	0.49	cps
Barium	137-1	793747	802405	803036	799729	0.65	cps
Beryllium	9-1	1271	1180	1256	1235	3.93	cps
Bismuth	209-1	3067460	3009519	3103340	3060106	1.55	cps
Bismuth	209-2	2280226	2272982	2251010	2268073	0.67	cps
Bromine	81-1	7402	7372	7432	7402	0.41	cps
Bromine	81-2	337	347	320	334	4.03	cps
Cadmium	108-1	220	240	190	217	11.62	cps
Cadmium	106-1	1967	1953	2010	1977	1.50	cps
Cadmium	111-1	3350	3163	3508	3340	5.17	cps
Calcium	43-1	174652	173896	179241	175930	1.64	cps
Calcium	44-1	2673436	2678407	2699155	2683666	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90214	89363	90157	89911	0.53	cps
Cobalt	59-2	69225	67799	67866	68297	1.18	cps
Copper	63-2	332871	328732	333502	331702	0.78	cps
Dysprosium	156-1	36394	37310	36150	36618	1.67	cps
Dysprosium	156-2	27390	27707	27524	27540	0.58	cps
Erbium	164-1	28673	29130	29899	29234	2.12	cps
Erbium	164-2	18252	18295	18322	18290	0.19	cps
Gadolinium	160-1	32792	33253	33854	33300	1.60	cps
Gadolinium	160-2	23006	22318	22154	22493	2.01	cps
Holmium	165-1	4722134	4897227	4852296	4823886	1.89	cps
Holmium	165-2	3157729	3214937	3117429	3163365	1.55	cps
Indium	115-1	3373860	3414849	3311051	3366587	1.55	cps
Indium	115-2	1056930	1049913	1050419	1052421	0.37	cps
Iron	56-2	86117442	85343787	86051845	85837691	0.50	cps
Iron	57-2	2172214	2133435	2142328	2149326	0.95	cps
Iron	54-2	4685056	4694716	4721431	4700401	0.40	cps
Krypton	83-1	117	93	107	106	11.09	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-13	Instrumnet Name :	P7
Client Sample ID :	MYD598	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:09:40	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	541262	548843	541385	543830	0.80	cps
Lead	207-1	490814	496244	494799	493952	0.57	cps
Lead	208-1	2192860	2200030	2229246	2207378	0.87	cps
Lithium	6-1	750594	763587	758394	757525	0.86	cps
Magnesium	24-2	2224781	2172911	2180627	2192773	1.28	cps
Manganese	55-2	2448694	2457902	2486442	2464346	0.80	cps
Molybdenum	94-1	23412	22791	23165	23123	1.35	cps
Molybdenum	95-1	2554	2920	2694	2723	6.80	cps
Molybdenum	96-1	7249	7962	7242	7484	5.53	cps
Molybdenum	97-1	1573	1523	1690	1596	5.36	cps
Molybdenum	98-1	4197	4221	4167	4195	0.64	cps
Neodymium	150-1	62190	61225	63121	62179	1.52	cps
Neodymium	150-2	33443	33583	33339	33455	0.37	cps
Nickel	60-2	28888	28250	29132	28756	1.58	cps
Phosphorus	31-2	11381	11201	11374	11319	0.90	cps
Potassium	39-2	1845053	1876636	1846430	1856040	0.96	cps
Rhodium	103-1	2890065	2958280	2867344	2905230	1.63	cps
Rhodium	103-2	1666569	1644063	1627737	1646123	1.18	cps
Scandium	45-1	1671754	1672436	1686996	1677062	0.51	cps
Scandium	45-2	149478	150414	149240	149711	0.41	cps
Selenium	82-1	191	224	203	206	8.14	cps
Selenium	77-2	73	50	83	69	24.83	cps
Selenium	78-2	177	157	147	160	9.55	cps
Silicon	28-1	10110349	10160184	10106656	10125729	0.30	cps
Silver	107-1	5054	5004	5254	5104	2.59	cps
Silver	109-1	4494	4714	4838	4682	3.72	cps
Sodium	23-2	59983	59712	60428	60041	0.60	cps
Strontium	86-1	108425	110091	110336	109617	0.95	cps
Strontium	88-1	961867	973173	982270	972437	1.05	cps
Sulfur	34-1	104578	103245	102651	103492	0.95	cps
Terbium	159-1	4831453	4845499	4778127	4818360	0.74	cps
Terbium	159-2	3059599	3080048	3091351	3076999	0.52	cps
Thallium	203-1	1247	1200	1307	1251	4.27	cps
Thallium	205-1	3010	2960	3114	3028	2.58	cps
Tin	118-1	21132	21560	21953	21548	1.91	cps
Titanium	47-1	283656	285866	286114	285212	0.47	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-13	Instrumnet Name :	P7
Client Sample ID :	MYD598	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:09:40	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13250	13350	13427	13342	0.66	cps
Vanadium	51-2	142354	141489	140968	141604	0.49	cps
Yttrium	89-1	5810424	5756252	5794367	5787014	0.48	cps
Yttrium	89-2	1415788	1423962	1419951	1419900	0.29	cps
Zinc	66-2	117722	117286	117252	117420	0.22	cps
Zirconium	90-1	56699	57592	57207	57166	0.78	cps
Zirconium	91-1	12756	12892	13193	12947	1.73	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-14	Instrumnet Name :	P7
Client Sample ID :	MYD5A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:12:57	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2676822	2702288	2673772	2684294	0.58	cps
Antimony	121-1	14044	13510	14047	13867	2.23	cps
Arsenic	75-2	16039	15872	16136	16015	0.83	cps
Barium	135-1	487392	495925	493362	492226	0.89	cps
Barium	137-1	853649	855995	852938	854194	0.19	cps
Beryllium	9-1	1333	1412	1399	1381	3.06	cps
Bismuth	209-1	3062923	3062236	3099635	3074931	0.70	cps
Bismuth	209-2	2319929	2318591	2281633	2306718	0.94	cps
Bromine	81-1	6578	6588	6625	6597	0.37	cps
Bromine	81-2	237	170	230	212	17.30	cps
Cadmium	108-1	377	347	350	358	4.60	cps
Cadmium	106-1	2147	2224	2447	2272	6.86	cps
Cadmium	111-1	5280	5361	5525	5389	2.32	cps
Calcium	43-1	153998	153820	155605	154474	0.64	cps
Calcium	44-1	2305937	2314393	2325740	2315357	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72620	71498	71592	71904	0.87	cps
Cobalt	59-2	72283	71416	71465	71721	0.68	cps
Copper	63-2	539105	540283	542183	540524	0.29	cps
Dysprosium	156-1	43905	44978	44995	44626	1.40	cps
Dysprosium	156-2	32965	33466	33470	33301	0.87	cps
Erbium	164-1	35826	36330	36524	36227	1.00	cps
Erbium	164-2	23206	23216	23393	23272	0.45	cps
Gadolinium	160-1	40799	40672	40886	40786	0.26	cps
Gadolinium	160-2	28008	27370	26956	27445	1.93	cps
Holmium	165-1	4740339	4812874	4841144	4798119	1.08	cps
Holmium	165-2	3250756	3255255	3208169	3238060	0.80	cps
Indium	115-1	3333737	3416737	3391040	3380504	1.26	cps
Indium	115-2	1067630	1068475	1053743	1063283	0.78	cps
Iron	56-2	79324929	79966190	80103292	79798137	0.52	cps
Iron	57-2	2017001	1982518	2017663	2005728	1.00	cps
Iron	54-2	4387596	4381268	4386121	4384995	0.08	cps
Krypton	83-1	133	77	117	109	26.75	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-14	Instrumnet Name :	P7
Client Sample ID :	MYD5A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:12:57	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1122969	1147210	1146883	1139021	1.22	cps
Lead	207-1	1075861	1095736	1097272	1089623	1.10	cps
Lead	208-1	5001487	5041320	5056399	5033069	0.56	cps
Lithium	6-1	742698	759698	758198	753532	1.25	cps
Magnesium	24-2	1797772	1789105	1749142	1778673	1.46	cps
Manganese	55-2	2074235	2083251	2091794	2083093	0.42	cps
Molybdenum	94-1	24340	24043	24547	24310	1.04	cps
Molybdenum	95-1	2654	2430	2540	2541	4.40	cps
Molybdenum	96-1	7435	7282	7599	7439	2.13	cps
Molybdenum	97-1	1527	1580	1550	1552	1.72	cps
Molybdenum	98-1	3924	4104	3917	3982	2.66	cps
Neodymium	150-1	73410	73838	73751	73666	0.31	cps
Neodymium	150-2	39656	40157	39692	39835	0.70	cps
Nickel	60-2	25418	25502	25158	25359	0.71	cps
Phosphorus	31-2	9146	9149	9433	9243	1.78	cps
Potassium	39-2	1484086	1508736	1492453	1495091	0.84	cps
Rhodium	103-1	2877503	2919400	2917558	2904820	0.82	cps
Rhodium	103-2	1628357	1665602	1641144	1645035	1.15	cps
Scandium	45-1	1678667	1677851	1672305	1676274	0.21	cps
Scandium	45-2	150734	150510	148280	149841	0.91	cps
Selenium	82-1	237	338	278	285	17.87	cps
Selenium	77-2	117	93	83	98	17.50	cps
Selenium	78-2	210	193	153	186	15.69	cps
Silicon	28-1	9666620	9626904	9620371	9637965	0.26	cps
Silver	107-1	11161	11281	10994	11145	1.29	cps
Silver	109-1	10317	10637	10721	10558	2.02	cps
Sodium	23-2	51850	51740	51817	51802	0.11	cps
Strontium	86-1	132025	132435	133407	132623	0.54	cps
Strontium	88-1	1157784	1166199	1167615	1163866	0.46	cps
Sulfur	34-1	100108	97223	99031	98788	1.48	cps
Terbium	159-1	4936116	4981557	4868651	4928775	1.15	cps
Terbium	159-2	3159005	3140960	3094656	3131540	1.06	cps
Thallium	203-1	1520	1547	1720	1596	6.81	cps
Thallium	205-1	3801	3814	3794	3803	0.27	cps
Tin	118-1	14567	15388	15295	15084	2.98	cps
Titanium	47-1	336898	338997	339716	338537	0.43	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-14	Instrumnet Name :	P7
Client Sample ID :	MYD5A0	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:12:57	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16283	16140	16444	16289	0.93	cps
Vanadium	51-2	131550	131611	132280	131814	0.31	cps
Yttrium	89-1	5843615	5911839	5838936	5864797	0.70	cps
Yttrium	89-2	1433434	1440088	1447034	1440185	0.47	cps
Zinc	66-2	245892	244943	244972	245269	0.22	cps
Zirconium	90-1	61244	62315	62201	61920	0.95	cps
Zirconium	91-1	13943	13733	14003	13893	1.02	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-15	Instrumnet Name :	P7
Client Sample ID :	MYD5A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:16:10	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3230979	3214733	3227003	3224238	0.26	cps
Antimony	121-1	17487	17754	18248	17830	2.17	cps
Arsenic	75-2	14470	14157	14330	14319	1.10	cps
Barium	135-1	535948	542930	540015	539631	0.65	cps
Barium	137-1	935769	941994	947954	941906	0.65	cps
Beryllium	9-1	1417	1549	1494	1487	4.47	cps
Bismuth	209-1	3217119	3193830	3192228	3201059	0.44	cps
Bismuth	209-2	2345027	2353531	2298504	2332354	1.27	cps
Bromine	81-1	7148	7946	7545	7546	5.28	cps
Bromine	81-2	373	367	393	378	3.67	cps
Cadmium	108-1	313	333	323	323	3.09	cps
Cadmium	106-1	2380	2204	2167	2250	5.07	cps
Cadmium	111-1	4624	4570	4541	4578	0.92	cps
Calcium	43-1	169572	171200	171240	170671	0.56	cps
Calcium	44-1	2565845	2591956	2616689	2591496	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72209	72480	72721	72470	0.35	cps
Cobalt	59-2	62232	61863	61184	61760	0.86	cps
Copper	63-2	519861	519876	520003	519913	0.02	cps
Dysprosium	156-1	42711	43958	43383	43351	1.44	cps
Dysprosium	156-2	33319	32384	32925	32876	1.43	cps
Erbium	164-1	35642	35595	34232	35156	2.28	cps
Erbium	164-2	21974	22078	22515	22189	1.29	cps
Gadolinium	160-1	39984	40305	40328	40205	0.48	cps
Gadolinium	160-2	26572	26705	26435	26571	0.51	cps
Holmium	165-1	4974585	5036692	5095883	5035720	1.20	cps
Holmium	165-2	3303103	3314198	3237889	3285063	1.26	cps
Indium	115-1	3452461	3527297	3451851	3477203	1.25	cps
Indium	115-2	1086170	1090888	1070091	1082383	1.01	cps
Iron	56-2	82213390	82483682	82793849	82496974	0.35	cps
Iron	57-2	2036815	2072589	2074353	2061252	1.03	cps
Iron	54-2	4452100	4580269	4513256	4515208	1.42	cps
Krypton	83-1	70	157	120	116	37.65	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-15	Instrumnet Name :	P7
Client Sample ID :	MYD5A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:16:10	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1192707	1215252	1213628	1207195	1.04	cps
Lead	207-1	1143525	1153420	1153319	1150088	0.49	cps
Lead	208-1	5303515	5315754	5364497	5327922	0.61	cps
Lithium	6-1	771816	772511	783474	775934	0.84	cps
Magnesium	24-2	2324291	2296768	2300750	2307270	0.64	cps
Manganese	55-2	1740021	1758204	1772675	1756967	0.93	cps
Molybdenum	94-1	20688	21509	21165	21121	1.95	cps
Molybdenum	95-1	2257	2530	2400	2396	5.71	cps
Molybdenum	96-1	6485	7178	7202	6955	5.86	cps
Molybdenum	97-1	1650	1610	1503	1588	4.78	cps
Molybdenum	98-1	3941	3644	3714	3766	4.12	cps
Neodymium	150-1	73112	73490	75095	73899	1.42	cps
Neodymium	150-2	39392	39499	39585	39492	0.25	cps
Nickel	60-2	25422	25288	25048	25252	0.75	cps
Phosphorus	31-2	10834	10740	10844	10806	0.53	cps
Potassium	39-2	1993925	2039883	2003751	2012520	1.20	cps
Rhodium	103-1	2984861	2972614	3028741	2995405	0.99	cps
Rhodium	103-2	1676856	1697873	1661275	1678668	1.09	cps
Scandium	45-1	1739799	1731640	1757776	1743072	0.77	cps
Scandium	45-2	153283	154306	151572	153053	0.90	cps
Selenium	82-1	313	229	321	287	17.78	cps
Selenium	77-2	93	97	80	90	9.80	cps
Selenium	78-2	147	190	187	174	13.82	cps
Silicon	28-1	10357124	10450395	10451861	10419793	0.52	cps
Silver	107-1	10864	11311	11278	11151	2.23	cps
Silver	109-1	10664	10904	10747	10772	1.13	cps
Sodium	23-2	46323	46259	45497	46026	1.00	cps
Strontium	86-1	148234	151092	151052	150126	1.09	cps
Strontium	88-1	1307309	1317134	1321874	1315439	0.56	cps
Sulfur	34-1	106806	108693	107370	107623	0.90	cps
Terbium	159-1	5094576	5034808	5094369	5074584	0.68	cps
Terbium	159-2	3210191	3196409	3133055	3179885	1.29	cps
Thallium	203-1	1340	1377	1423	1380	3.03	cps
Thallium	205-1	3237	3037	3270	3182	3.97	cps
Tin	118-1	12402	12459	12629	12497	0.94	cps
Titanium	47-1	275533	279479	279656	278223	0.84	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-15	Instrumnet Name :	P7
Client Sample ID :	MYD5A1	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:16:10	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14238	14628	14108	14324	1.89	cps
Vanadium	51-2	128192	127217	127819	127742	0.38	cps
Yttrium	89-1	6010026	5963793	6046216	6006678	0.69	cps
Yttrium	89-2	1459868	1457789	1464876	1460844	0.25	cps
Zinc	66-2	261471	261691	260848	261337	0.17	cps
Zirconium	90-1	52527	53142	53607	53092	1.02	cps
Zirconium	91-1	11428	12005	12325	11919	3.82	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-16	Instrumnet Name :	P7
Client Sample ID :	MYD5A2	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:19:25	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2546920	2501695	2489166	2512594	1.21	cps
Antimony	121-1	9713	9857	9503	9691	1.84	cps
Arsenic	75-2	10887	10854	10571	10771	1.62	cps
Barium	135-1	352678	357539	355779	355332	0.69	cps
Barium	137-1	621303	615739	625433	620825	0.78	cps
Beryllium	9-1	1118	1231	1141	1163	5.13	cps
Bismuth	209-1	3091997	3113163	3039946	3081702	1.22	cps
Bismuth	209-2	2287634	2267565	2218161	2257787	1.58	cps
Bromine	81-1	6685	6938	6958	6861	2.22	cps
Bromine	81-2	210	183	210	201	7.65	cps
Cadmium	108-1	177	190	220	196	11.35	cps
Cadmium	106-1	2107	2037	2140	2095	2.52	cps
Cadmium	111-1	3328	3140	3538	3335	5.97	cps
Calcium	43-1	165138	167714	163776	165543	1.21	cps
Calcium	44-1	2463656	2510178	2474936	2482923	0.98	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85168	83268	83925	84120	1.15	cps
Cobalt	59-2	68489	68854	68170	68504	0.50	cps
Copper	63-2	344682	343342	344238	344087	0.20	cps
Dysprosium	156-1	34015	34342	34044	34134	0.53	cps
Dysprosium	156-2	25861	25510	25196	25522	1.30	cps
Erbium	164-1	27380	27831	27771	27661	0.89	cps
Erbium	164-2	17865	17711	17117	17564	2.25	cps
Gadolinium	160-1	31435	31816	31168	31473	1.03	cps
Gadolinium	160-2	21153	21043	20742	20979	1.01	cps
Holmium	165-1	4873380	4858434	4894654	4875489	0.37	cps
Holmium	165-2	3165220	3124330	3117811	3135787	0.82	cps
Indium	115-1	3405418	3351053	3407233	3387901	0.94	cps
Indium	115-2	1058470	1046988	1049586	1051681	0.57	cps
Iron	56-2	84123455	82990889	83148380	83420908	0.74	cps
Iron	57-2	2085470	2096633	2092994	2091699	0.27	cps
Iron	54-2	4623322	4576238	4578002	4592521	0.58	cps
Krypton	83-1	90	123	80	98	23.21	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-16	Instrumnet Name :	P7
Client Sample ID :	MYD5A2	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:19:25	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	651981	664180	659604	658588	0.94	cps
Lead	207-1	622877	622024	626935	623945	0.42	cps
Lead	208-1	2739283	2767770	2754438	2753830	0.52	cps
Lithium	6-1	763222	758528	759099	760283	0.34	cps
Magnesium	24-2	1888811	1874275	1881550	1881545	0.39	cps
Manganese	55-2	1501251	1494710	1506810	1500923	0.40	cps
Molybdenum	94-1	20207	20314	20388	20303	0.45	cps
Molybdenum	95-1	3107	2870	2844	2940	4.93	cps
Molybdenum	96-1	7535	7472	7302	7436	1.62	cps
Molybdenum	97-1	1793	1890	1857	1847	2.66	cps
Molybdenum	98-1	4501	4871	4647	4673	3.99	cps
Neodymium	150-1	56583	58464	57256	57434	1.66	cps
Neodymium	150-2	30740	30820	31098	30886	0.61	cps
Nickel	60-2	26948	26831	27238	27005	0.78	cps
Phosphorus	31-2	9406	9173	9103	9227	1.72	cps
Potassium	39-2	1244450	1228788	1243812	1239017	0.72	cps
Rhodium	103-1	2995616	2968754	2962894	2975755	0.59	cps
Rhodium	103-2	1654651	1619685	1651314	1641883	1.18	cps
Scandium	45-1	1716719	1734162	1690335	1713739	1.29	cps
Scandium	45-2	149057	147297	146550	147635	0.87	cps
Selenium	82-1	241	209	289	246	16.43	cps
Selenium	77-2	80	73	60	71	14.32	cps
Selenium	78-2	177	130	153	153	15.22	cps
Silicon	28-1	9883931	9957110	9953618	9931553	0.42	cps
Silver	107-1	6305	6315	6585	6401	2.48	cps
Silver	109-1	6101	5895	6105	6034	1.99	cps
Sodium	23-2	75494	73893	73323	74236	1.52	cps
Strontium	86-1	105981	107257	106851	106696	0.61	cps
Strontium	88-1	938617	949305	948658	945527	0.63	cps
Sulfur	34-1	98028	98411	98381	98273	0.22	cps
Terbium	159-1	4995189	4954574	5032105	4993956	0.78	cps
Terbium	159-2	3104476	3071767	3060069	3078771	0.75	cps
Thallium	203-1	1043	1017	1103	1054	4.21	cps
Thallium	205-1	2430	2517	2567	2505	2.76	cps
Tin	118-1	15158	14898	15946	15334	3.56	cps
Titanium	47-1	365719	369290	367415	367475	0.49	cps

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On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-16	Instrumnet Name :	P7
Client Sample ID :	MYD5A2	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:19:25	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13957	13297	14144	13799	3.23	cps
Vanadium	51-2	171974	171378	173905	172419	0.77	cps
Yttrium	89-1	5890630	5832595	5755307	5826177	1.17	cps
Yttrium	89-2	1405459	1410786	1416886	1411044	0.41	cps
Zinc	66-2	106459	105579	106325	106121	0.45	cps
Zirconium	90-1	49690	49831	49637	49719	0.20	cps
Zirconium	91-1	11041	11131	11188	11120	0.67	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-17	Instrumnet Name :	P7
Client Sample ID :	MYD5A3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:22:40	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2487709	2471340	2474418	2477822	0.35	cps
Antimony	121-1	11315	11642	11505	11487	1.43	cps
Arsenic	75-2	13600	13493	13830	13641	1.26	cps
Barium	135-1	345606	347042	346826	346491	0.22	cps
Barium	137-1	610606	604578	608561	607915	0.50	cps
Beryllium	9-1	1058	1097	1169	1108	5.08	cps
Bismuth	209-1	3017823	3110707	3005294	3044608	1.89	cps
Bismuth	209-2	2298118	2283945	2246975	2276346	1.16	cps
Bromine	81-1	6605	6461	6251	6439	2.76	cps
Bromine	81-2	177	117	117	137	25.35	cps
Cadmium	108-1	203	317	217	246	25.23	cps
Cadmium	106-1	2070	2050	1977	2032	2.42	cps
Cadmium	111-1	3447	3144	3282	3291	4.61	cps
Calcium	43-1	155662	156473	156753	156296	0.36	cps
Calcium	44-1	2358321	2393307	2404640	2385423	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81847	82410	82052	82103	0.35	cps
Cobalt	59-2	80052	79891	80584	80176	0.45	cps
Copper	63-2	356296	356559	350291	354382	1.00	cps
Dysprosium	156-1	36086	36394	36614	36365	0.73	cps
Dysprosium	156-2	27584	27370	27781	27578	0.74	cps
Erbium	164-1	29508	30393	29935	29945	1.48	cps
Erbium	164-2	19450	18976	18990	19139	1.41	cps
Gadolinium	160-1	34402	34035	34663	34367	0.92	cps
Gadolinium	160-2	23259	22655	22502	22805	1.76	cps
Holmium	165-1	4890269	4832223	4757610	4826701	1.38	cps
Holmium	165-2	3184760	3167718	3122386	3158288	1.02	cps
Indium	115-1	3380074	3373040	3336774	3363296	0.69	cps
Indium	115-2	1049605	1041805	1034730	1042047	0.71	cps
Iron	56-2	88170065	87361389	87384465	87638640	0.53	cps
Iron	57-2	2199356	2192977	2202330	2198221	0.22	cps
Iron	54-2	4848459	4868069	4785066	4833865	0.90	cps
Krypton	83-1	103	97	110	103	6.45	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-17	Instrumnet Name :	P7
Client Sample ID :	MYD5A3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:22:40	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	512799	516751	513724	514424	0.40	cps
Lead	207-1	491368	481170	487345	486628	1.06	cps
Lead	208-1	2122151	2148724	2151990	2140955	0.76	cps
Lithium	6-1	749737	750492	754805	751678	0.36	cps
Magnesium	24-2	1923347	1893964	1896671	1904661	0.85	cps
Manganese	55-2	1446671	1420902	1432060	1433211	0.90	cps
Molybdenum	94-1	27646	28945	27910	28167	2.44	cps
Molybdenum	95-1	2524	2530	2500	2518	0.63	cps
Molybdenum	96-1	8319	8116	8219	8218	1.24	cps
Molybdenum	97-1	1637	1507	1510	1551	4.78	cps
Molybdenum	98-1	3957	4141	4214	4104	3.22	cps
Neodymium	150-1	60469	62350	61855	61558	1.58	cps
Neodymium	150-2	33166	33022	32865	33018	0.46	cps
Nickel	60-2	27913	27295	26984	27397	1.72	cps
Phosphorus	31-2	8889	9556	8973	9139	3.98	cps
Potassium	39-2	836292	832050	840816	836386	0.52	cps
Rhodium	103-1	2988457	2894486	2905803	2929582	1.75	cps
Rhodium	103-2	1643486	1623787	1625404	1630892	0.67	cps
Scandium	45-1	1672361	1679264	1668421	1673348	0.33	cps
Scandium	45-2	147657	145433	146099	146396	0.78	cps
Selenium	82-1	234	206	165	202	17.06	cps
Selenium	77-2	57	43	70	57	23.53	cps
Selenium	78-2	113	153	153	140	16.50	cps
Silicon	28-1	8778082	8892377	8852994	8841151	0.66	cps
Silver	107-1	4697	4501	4621	4606	2.15	cps
Silver	109-1	4277	4281	4331	4296	0.70	cps
Sodium	23-2	110922	111090	110533	110848	0.26	cps
Strontium	86-1	105514	106545	104390	105483	1.02	cps
Strontium	88-1	911177	935711	928746	925211	1.37	cps
Sulfur	34-1	93259	95902	95067	94742	1.43	cps
Terbium	159-1	5031184	4891202	4982270	4968219	1.43	cps
Terbium	159-2	3036635	3054642	2996790	3029356	0.98	cps
Thallium	203-1	997	923	1030	983	5.55	cps
Thallium	205-1	2367	2417	2500	2428	2.77	cps
Tin	118-1	40627	40417	41650	40898	1.61	cps
Titanium	47-1	416012	414005	417863	415960	0.46	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-17	Instrumnet Name :	P7
Client Sample ID :	MYD5A3	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:22:40	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15386	15119	15699	15401	1.89	cps
Vanadium	51-2	167336	167093	166820	167083	0.15	cps
Yttrium	89-1	5745852	5843485	5761094	5783477	0.91	cps
Yttrium	89-2	1427059	1410010	1406012	1414361	0.79	cps
Zinc	66-2	95503	95264	94755	95174	0.40	cps
Zirconium	90-1	70206	70849	71563	70873	0.96	cps
Zirconium	91-1	15835	15765	16066	15889	0.99	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-18	Instrumnet Name :	P7
Client Sample ID :	MYD5A4	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:25:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3167097	3138540	3213793	3173144	1.20	cps
Antimony	121-1	14741	15195	15151	15029	1.67	cps
Arsenic	75-2	16856	16282	17313	16817	3.07	cps
Barium	135-1	465541	472654	474282	470826	0.99	cps
Barium	137-1	811643	817726	822474	817281	0.66	cps
Beryllium	9-1	1347	1270	1355	1324	3.55	cps
Bismuth	209-1	2940361	3142799	3106753	3063304	3.53	cps
Bismuth	209-2	2261730	2239022	2228090	2242947	0.77	cps
Bromine	81-1	7369	6985	6918	7091	3.43	cps
Bromine	81-2	353	283	287	308	12.83	cps
Cadmium	108-1	340	320	300	320	6.25	cps
Cadmium	106-1	2160	2304	2204	2222	3.31	cps
Cadmium	111-1	4354	4372	4379	4369	0.29	cps
Calcium	43-1	333197	335821	339936	336318	1.01	cps
Calcium	44-1	5074631	5066365	5160475	5100490	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	89923	90522	89460	89968	0.59	cps
Cobalt	59-2	68354	69784	70334	69491	1.47	cps
Copper	63-2	470484	466883	473082	470150	0.66	cps
Dysprosium	156-1	36932	37045	37263	37080	0.45	cps
Dysprosium	156-2	28135	28122	28232	28163	0.21	cps
Erbium	164-1	30293	30697	30396	30462	0.69	cps
Erbium	164-2	20091	19817	19510	19806	1.47	cps
Gadolinium	160-1	33624	34446	34392	34154	1.35	cps
Gadolinium	160-2	22902	23817	23436	23385	1.97	cps
Holmium	165-1	4770878	4957962	5019917	4916252	2.64	cps
Holmium	165-2	3121700	3140801	3113236	3125245	0.45	cps
Indium	115-1	3312641	3440789	3518777	3424069	3.04	cps
Indium	115-2	1033229	1039067	1029731	1034009	0.46	cps
Iron	56-2	91259209	90084182	90545295	90629562	0.65	cps
Iron	57-2	2274768	2276194	2259220	2270061	0.41	cps
Iron	54-2	4964823	4936847	4918196	4939955	0.48	cps
Krypton	83-1	87	97	107	97	10.34	cps

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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-18	Instrumnet Name :	P7
Client Sample ID :	MYD5A4	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:25:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1081300	1094971	1108053	1094775	1.22	cps
Lead	207-1	1029559	1046202	1055165	1043642	1.25	cps
Lead	208-1	4751396	4821336	4900679	4824471	1.55	cps
Lithium	6-1	744300	763562	777153	761672	2.17	cps
Magnesium	24-2	2466796	2483297	2494306	2481466	0.56	cps
Manganese	55-2	1553488	1532879	1518375	1534914	1.15	cps
Molybdenum	94-1	25259	25405	25092	25252	0.62	cps
Molybdenum	95-1	2707	2760	2857	2775	2.74	cps
Molybdenum	96-1	7959	7819	7939	7906	0.96	cps
Molybdenum	97-1	1663	1667	1777	1702	3.79	cps
Molybdenum	98-1	4287	4371	4234	4297	1.60	cps
Neodymium	150-1	63924	64543	64778	64415	0.68	cps
Neodymium	150-2	35040	34960	33944	34648	1.76	cps
Nickel	60-2	29035	29011	28791	28946	0.46	cps
Phosphorus	31-2	11381	11024	11401	11269	1.88	cps
Potassium	39-2	1556591	1583942	1568047	1569527	0.88	cps
Rhodium	103-1	2863046	2967614	3023705	2951455	2.76	cps
Rhodium	103-2	1599784	1617048	1633473	1616768	1.04	cps
Scandium	45-1	1654076	1717131	1748751	1706653	2.82	cps
Scandium	45-2	148149	148011	148017	148059	0.05	cps
Selenium	82-1	248	245	256	250	2.30	cps
Selenium	77-2	90	77	83	83	8.00	cps
Selenium	78-2	160	143	207	170	19.31	cps
Silicon	28-1	11679019	11760144	11885345	11774836	0.88	cps
Silver	107-1	11268	11772	12125	11721	3.68	cps
Silver	109-1	10731	11308	11224	11088	2.81	cps
Sodium	23-2	130413	131297	131065	130925	0.35	cps
Strontium	86-1	164963	165481	167041	165828	0.65	cps
Strontium	88-1	1442364	1479976	1460676	1461005	1.29	cps
Sulfur	34-1	109445	111194	111684	110774	1.06	cps
Terbium	159-1	4800002	4975867	4981989	4919286	2.10	cps
Terbium	159-2	3020600	3006949	3012507	3013352	0.23	cps
Thallium	203-1	1457	1377	1293	1376	5.94	cps
Thallium	205-1	3207	3480	3260	3316	4.37	cps
Tin	118-1	17030	17180	17881	17364	2.62	cps
Titanium	47-1	408817	413533	417345	413232	1.03	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-18	Instrumnet Name :	P7
Client Sample ID :	MYD5A4	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:25:57	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16754	17325	17405	17161	2.07	cps
Vanadium	51-2	194138	193980	193473	193864	0.18	cps
Yttrium	89-1	5600030	5850266	5869682	5773326	2.60	cps
Yttrium	89-2	1415522	1421871	1410338	1415910	0.41	cps
Zinc	66-2	169580	169590	169914	169695	0.11	cps
Zirconium	90-1	61545	63821	63222	62863	1.88	cps
Zirconium	91-1	13930	14140	14657	14243	2.63	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:29:10	DataFile Name :	096CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4390865	4412858	4441688	4415137	0.58	cps
Antimony	121-1	2287866	2342614	2344741	2325074	1.39	cps
Arsenic	75-2	92911	92606	95223	93580	1.53	cps
Barium	135-1	3160845	3168768	3193660	3174425	0.54	cps
Barium	137-1	5471414	5505113	5487591	5488040	0.31	cps
Beryllium	9-1	410748	415848	423401	416666	1.53	cps
Bismuth	209-1	2868102	2863794	2891599	2874498	0.52	cps
Bismuth	209-2	2091591	2113455	2105993	2103679	0.53	cps
Bromine	81-1	5634	5281	5718	5544	4.18	cps
Bromine	81-2	40	27	30	32	21.53	cps
Cadmium	108-1	39380	40139	40112	39877	1.08	cps
Cadmium	106-1	58577	59866	58882	59108	1.14	cps
Cadmium	111-1	529685	535892	536558	534045	0.71	cps
Calcium	43-1	2561306	2619228	2652809	2611114	1.77	cps
Calcium	44-1	41490102	41649217	41978026	41705782	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	756052	758075	761378	758501	0.35	cps
Cobalt	59-2	1104339	1107187	1116086	1109204	0.55	cps
Copper	63-2	7441843	7457228	7551631	7483567	0.79	cps
Dysprosium	156-1	380	317	320	339	10.52	cps
Dysprosium	156-2	277	293	267	279	4.83	cps
Erbium	164-1	143	103	130	126	16.22	cps
Erbium	164-2	93	77	83	84	9.93	cps
Gadolinium	160-1	183	140	147	157	14.90	cps
Gadolinium	160-2	133	187	223	181	24.99	cps
Holmium	165-1	4763786	4845891	4783955	4797877	0.89	cps
Holmium	165-2	3067523	3162018	3133538	3121026	1.55	cps
Indium	115-1	2870696	2853522	2841734	2855317	0.51	cps
Indium	115-2	855283	874220	862747	864083	1.10	cps
Iron	56-2	158459328	159467758	159165601	159030895	0.33	cps
Iron	57-2	4004259	3989707	3974803	3989590	0.37	cps
Iron	54-2	8724001	8804797	8748540	8759113	0.47	cps
Krypton	83-1	67	80	87	78	13.09	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:29:10	DataFile Name :	096CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9902117	9774882	9869948	9848982	0.67	cps
Lead	207-1	8656564	8805893	8951760	8804739	1.68	cps
Lead	208-1	39547133	39874833	40381265	39934411	1.05	cps
Lithium	6-1	725876	727077	736117	729690	0.77	cps
Magnesium	24-2	35980359	36342145	35869020	36063841	0.69	cps
Manganese	55-2	5666547	5771218	5718287	5718684	0.92	cps
Molybdenum	94-1	6702798	6791078	6770085	6754653	0.68	cps
Molybdenum	95-1	9462914	9674574	9512477	9549988	1.16	cps
Molybdenum	96-1	10410574	10558102	10554869	10507849	0.80	cps
Molybdenum	97-1	6009549	5980451	6006940	5998980	0.27	cps
Molybdenum	98-1	15484936	15552644	15693697	15577093	0.68	cps
Neodymium	150-1	337	347	343	342	1.49	cps
Neodymium	150-2	103	77	100	93	15.57	cps
Nickel	60-2	269522	271004	270909	270478	0.31	cps
Phosphorus	31-2	4547	4654	4494	4565	1.79	cps
Potassium	39-2	21348246	21617525	21555046	21506939	0.66	cps
Rhodium	103-1	2687315	2643716	2692543	2674525	1.00	cps
Rhodium	103-2	1468220	1491207	1469110	1476179	0.88	cps
Scandium	45-1	1614620	1576530	1597033	1596061	1.19	cps
Scandium	45-2	140255	142414	143781	142150	1.25	cps
Selenium	82-1	29961	30141	30113	30072	0.32	cps
Selenium	77-2	2820	2744	2684	2749	2.49	cps
Selenium	78-2	9136	9533	9110	9260	2.56	cps
Silicon	28-1	19179295	18932880	18872113	18994762	0.86	cps
Silver	107-1	2585412	2619759	2579795	2594988	0.83	cps
Silver	109-1	2464884	2483694	2468466	2472348	0.40	cps
Sodium	23-2	60409439	60799062	61038596	60749032	0.52	cps
Strontium	86-1	16925421	17128348	16971267	17008346	0.63	cps
Strontium	88-1	148888758	150404031	150620564	149971118	0.63	cps
Sulfur	34-1	247818	250629	253160	250536	1.07	cps
Terbium	159-1	4836824	4783591	4838626	4819680	0.65	cps
Terbium	159-2	2983496	3070659	3030195	3028117	1.44	cps
Thallium	203-1	2512295	2530224	2541468	2527995	0.58	cps
Thallium	205-1	6106036	6082943	6110436	6099805	0.24	cps
Tin	118-1	17070014	17289207	17375193	17244805	0.91	cps
Titanium	47-1	2164870	2175298	2174830	2171666	0.27	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV004	Instrumnet Name :	P7
Client Sample ID :	CCV004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:29:10	DataFile Name :	096CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8915924	8929596	8928280	8924600	0.08	cps
Vanadium	51-2	690950	698132	697950	695677	0.59	cps
Yttrium	89-1	5292982	5260851	5263965	5272599	0.34	cps
Yttrium	89-2	1289546	1311387	1298334	1299756	0.85	cps
Zinc	66-2	1229353	1242760	1243811	1238641	0.65	cps
Zirconium	90-1	3608197	3672448	3646269	3642305	0.89	cps
Zirconium	91-1	807507	819991	814496	813998	0.77	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:32:02	DataFile Name :	097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	267	250	253	257	3.44	cps
Antimony	121-1	1103	1140	1220	1155	5.17	cps
Arsenic	75-2	20	13	3	12	68.66	cps
Barium	135-1	160	183	127	157	18.18	cps
Barium	137-1	283	250	230	254	10.59	cps
Beryllium	9-1	151	161	187	167	11.27	cps
Bismuth	209-1	3340326	3264945	3290169	3298480	1.16	cps
Bismuth	209-2	2099949	2453040	2412103	2321697	8.32	cps
Bromine	81-1	5644	5494	6018	5719	4.71	cps
Bromine	81-2	17	27	27	23	24.74	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Cadmium	106-1	1600	1713	1710	1675	3.85	cps
Cadmium	111-1	1193	1243	1240	1226	2.27	cps
Calcium	43-1	210	240	187	212	12.60	cps
Calcium	44-1	3530	3364	3130	3342	6.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280	253	257	263	5.52	cps
Cobalt	59-2	97	140	133	123	18.92	cps
Copper	63-2	1060	930	1160	1050	10.98	cps
Dysprosium	156-1	93	123	180	132	33.29	cps
Dysprosium	156-2	27	30	47	34	31.11	cps
Erbium	164-1	27	13	37	26	45.82	cps
Erbium	164-2	7	17	17	13	43.29	cps
Gadolinium	160-1	20	10	13	14	35.26	cps
Gadolinium	160-2	133	127	187	149	22.09	cps
Holmium	165-1	5033109	5023291	5136869	5064423	1.24	cps
Holmium	165-2	2850485	3312978	3263681	3142381	8.08	cps
Indium	115-1	3571857	3585878	3623898	3593877	0.75	cps
Indium	115-2	952319	1119610	1094771	1055567	8.55	cps
Iron	56-2	17791	18385	18441	18206	1.98	cps
Iron	57-2	797	817	783	799	2.10	cps
Iron	54-2	1480	1490	1550	1507	2.51	cps
Krypton	83-1	70	73	63	69	7.39	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:32:02	DataFile Name :	097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	937	957	800	898	9.50	cps
Lead	207-1	923	733	743	800	13.37	cps
Lead	208-1	4214	3624	3424	3754	10.94	cps
Lithium	6-1	806472	802119	800207	802933	0.40	cps
Magnesium	24-2	2094	2194	2330	2206	5.39	cps
Manganese	55-2	657	677	640	658	2.79	cps
Molybdenum	94-1	487	440	400	442	9.81	cps
Molybdenum	95-1	650	503	513	556	14.75	cps
Molybdenum	96-1	673	550	653	626	10.58	cps
Molybdenum	97-1	410	293	400	368	17.58	cps
Molybdenum	98-1	957	790	897	881	9.58	cps
Neodymium	150-1	10	10	13	11	17.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	67	47	56	18.33	cps
Phosphorus	31-2	107	80	43	77	41.48	cps
Potassium	39-2	27789	27508	27835	27711	0.64	cps
Rhodium	103-1	3120045	3087569	3123378	3110331	0.64	cps
Rhodium	103-2	1492850	1746468	1740629	1659982	8.72	cps
Scandium	45-1	1694723	1698944	1720275	1704647	0.80	cps
Scandium	45-2	127853	151559	148105	142505	8.99	cps
Selenium	82-1	129	121	131	127	4.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	73	93	103	90	16.97	cps
Silicon	28-1	137147	128731	124977	130285	4.78	cps
Silver	107-1	433	347	273	351	22.81	cps
Silver	109-1	407	293	257	319	24.52	cps
Sodium	23-2	14097	13800	13072	13656	3.86	cps
Strontium	86-1	613	493	513	540	11.91	cps
Strontium	88-1	4854	3734	3160	3916	22.00	cps
Sulfur	34-1	100632	103075	103098	102268	1.39	cps
Terbium	159-1	5183466	5120582	5118610	5140886	0.72	cps
Terbium	159-2	2723397	3204426	3158554	3028793	8.76	cps
Thallium	203-1	500	390	277	389	28.72	cps
Thallium	205-1	1183	963	827	991	18.16	cps
Tin	118-1	2270	2437	2737	2481	9.53	cps
Titanium	47-1	157	130	173	153	14.26	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB004	Instrumnet Name :	P7
Client Sample ID :	CCB004	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:32:02	DataFile Name :	097CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	273	207	203	228	17.34	cps
Vanadium	51-2	40	33	47	40	16.68	cps
Yttrium	89-1	5624321	5668140	5601139	5631200	0.60	cps
Yttrium	89-2	1160949	1407739	1382377	1317022	10.31	cps
Zinc	66-2	173	167	130	157	14.90	cps
Zirconium	90-1	443	423	397	421	5.56	cps
Zirconium	91-1	83	73	67	74	11.26	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-19	Instrumnet Name :	P7
Client Sample ID :	MYD5A5	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:35:25	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4446645	4396912	4384846	4409468	0.74	cps
Antimony	121-1	6695	6828	7205	6910	3.83	cps
Arsenic	75-2	57825	58535	57879	58080	0.68	cps
Barium	135-1	596798	609310	605093	603734	1.05	cps
Barium	137-1	1021513	1046428	1055008	1040983	1.67	cps
Beryllium	9-1	1473	1598	1599	1556	4.66	cps
Bismuth	209-1	3278452	3256766	3164610	3233276	1.87	cps
Bismuth	209-2	2326908	2323657	2302378	2317648	0.57	cps
Bromine	81-1	7765	7499	7552	7605	1.86	cps
Bromine	81-2	303	410	353	356	15.01	cps
Cadmium	108-1	170	167	177	171	2.98	cps
Cadmium	106-1	2280	2377	2214	2290	3.59	cps
Cadmium	111-1	1971	2007	1886	1954	3.18	cps
Calcium	43-1	302862	310211	309428	307500	1.31	cps
Calcium	44-1	4637566	4726165	4635945	4666559	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262589	258509	257512	259537	1.04	cps
Cobalt	59-2	178329	178037	176992	177786	0.40	cps
Copper	63-2	292334	292436	290245	291672	0.42	cps
Dysprosium	156-1	39866	40495	41120	40494	1.55	cps
Dysprosium	156-2	29087	28923	28983	28998	0.29	cps
Erbium	164-1	32638	33316	33634	33196	1.53	cps
Erbium	164-2	20722	20802	20792	20772	0.21	cps
Gadolinium	160-1	35445	36253	35685	35794	1.16	cps
Gadolinium	160-2	24278	23984	24271	24178	0.69	cps
Holmium	165-1	5196650	5229152	5189063	5204955	0.41	cps
Holmium	165-2	3299519	3336197	3259773	3298496	1.16	cps
Indium	115-1	3626966	3629831	3628910	3628569	0.04	cps
Indium	115-2	1100912	1098661	1098775	1099449	0.12	cps
Iron	56-2	205227837	204768057	205104997	205033630	0.12	cps
Iron	57-2	5047339	5095795	5087959	5077031	0.51	cps
Iron	54-2	11240916	11278751	11044334	11188000	1.12	cps
Krypton	83-1	113	130	100	114	13.13	cps

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-19	Instrumnet Name :	P7
Client Sample ID :	MYD5A5	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:35:25	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	87211	89620	88171	88334	1.37	cps
Lead	207-1	73762	75123	76397	75094	1.75	cps
Lead	208-1	341088	346941	344929	344319	0.86	cps
Lithium	6-1	819195	826861	827032	824363	0.54	cps
Magnesium	24-2	3945437	3936393	3905917	3929249	0.53	cps
Manganese	55-2	4706834	4593156	4561892	4620627	1.65	cps
Molybdenum	94-1	39694	40312	40991	40332	1.61	cps
Molybdenum	95-1	3004	3090	3030	3041	1.46	cps
Molybdenum	96-1	11788	12222	12475	12162	2.86	cps
Molybdenum	97-1	1703	1830	1747	1760	3.66	cps
Molybdenum	98-1	4451	4437	4794	4561	4.43	cps
Neodymium	150-1	61416	62816	62933	62388	1.35	cps
Neodymium	150-2	33777	33276	33002	33352	1.18	cps
Nickel	60-2	83008	83738	82405	83050	0.80	cps
Phosphorus	31-2	8953	9463	9159	9192	2.79	cps
Potassium	39-2	1247857	1236396	1236310	1240188	0.54	cps
Rhodium	103-1	3064568	3142520	3137730	3114939	1.40	cps
Rhodium	103-2	1727539	1728379	1704264	1720061	0.80	cps
Scandium	45-1	1998158	2066382	2011878	2025473	1.78	cps
Scandium	45-2	174784	171669	174765	173739	1.03	cps
Selenium	82-1	121	159	235	172	33.64	cps
Selenium	77-2	63	70	63	66	5.87	cps
Selenium	78-2	160	143	130	144	10.41	cps
Silicon	28-1	11173563	11455974	11353558	11327698	1.26	cps
Silver	107-1	1027	997	877	967	8.21	cps
Silver	109-1	1040	860	787	896	14.56	cps
Sodium	23-2	53064	53399	52308	52924	1.06	cps
Strontium	86-1	108569	110638	112375	110527	1.72	cps
Strontium	88-1	943385	964688	967855	958642	1.39	cps
Sulfur	34-1	107068	105843	105471	106127	0.79	cps
Terbium	159-1	5233676	5287997	5256546	5259406	0.52	cps
Terbium	159-2	3269169	3265264	3249285	3261239	0.32	cps
Thallium	203-1	1737	1770	1790	1766	1.53	cps
Thallium	205-1	4127	3947	3927	4001	2.75	cps
Tin	118-1	9603	10100	10357	10020	3.82	cps
Titanium	47-1	352236	360574	360986	357932	1.38	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-19	Instrumnet Name :	P7
Client Sample ID :	MYD5A5	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:35:25	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16240	15910	16520	16223	1.88	cps
Vanadium	51-2	477309	475780	472791	475293	0.48	cps
Yttrium	89-1	6080483	6250724	6157265	6162824	1.38	cps
Yttrium	89-2	1495115	1485480	1470624	1483740	0.83	cps
Zinc	66-2	59150	59568	58598	59105	0.82	cps
Zirconium	90-1	105045	107127	106963	106378	1.09	cps
Zirconium	91-1	23075	24150	23676	23634	2.28	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-20	Instrumnet Name :	P7
Client Sample ID :	MYD5A6	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:38:43	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6842296	6813671	6704659	6786875	1.07	cps
Antimony	121-1	8593	8332	8346	8424	1.74	cps
Arsenic	75-2	109446	108295	107438	108393	0.93	cps
Barium	135-1	514243	513975	510390	512870	0.42	cps
Barium	137-1	891256	890400	891622	891093	0.07	cps
Beryllium	9-1	1355	1389	1371	1371	1.24	cps
Bismuth	209-1	3135682	3078032	3085400	3099705	1.01	cps
Bismuth	209-2	2273555	2233618	2244750	2250641	0.92	cps
Bromine	81-1	7392	7412	7896	7566	3.77	cps
Bromine	81-2	330	337	323	330	2.02	cps
Cadmium	108-1	190	183	197	190	3.51	cps
Cadmium	106-1	2234	2177	2137	2182	2.23	cps
Cadmium	111-1	2441	2342	2265	2349	3.75	cps
Calcium	43-1	145842	146607	146936	146462	0.38	cps
Calcium	44-1	2201926	2227240	2239248	2222804	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	406805	405060	402520	404795	0.53	cps
Cobalt	59-2	197072	193955	193210	194746	1.05	cps
Copper	63-2	350224	346284	347131	347880	0.60	cps
Dysprosium	156-1	46035	44731	46025	45597	1.65	cps
Dysprosium	156-2	32638	32708	32738	32695	0.16	cps
Erbium	164-1	35338	36290	35161	35596	1.71	cps
Erbium	164-2	22505	22785	22562	22617	0.66	cps
Gadolinium	160-1	42046	41916	41849	41937	0.24	cps
Gadolinium	160-2	27393	27407	26852	27218	1.16	cps
Holmium	165-1	5157418	4972145	5051561	5060375	1.84	cps
Holmium	165-2	3248259	3185885	3203671	3212605	1.00	cps
Indium	115-1	3494496	3473966	3519672	3496045	0.65	cps
Indium	115-2	1061503	1053066	1049335	1054635	0.59	cps
Iron	56-2	228517157	229294697	226545297	228119050	0.62	cps
Iron	57-2	5639569	5568895	5650870	5619778	0.79	cps
Iron	54-2	12494284	12460101	12265861	12406749	0.99	cps
Krypton	83-1	120	123	123	122	1.58	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-20	Instrumnet Name :	P7
Client Sample ID :	MYD5A6	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:38:43	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	128130	126341	127188	127220	0.70	cps
Lead	207-1	108341	109248	109399	108996	0.53	cps
Lead	208-1	499244	497957	501058	499419	0.31	cps
Lithium	6-1	808658	796159	802352	802389	0.78	cps
Magnesium	24-2	6846530	6834454	6880090	6853691	0.35	cps
Manganese	55-2	3861450	3864297	3792716	3839488	1.06	cps
Molybdenum	94-1	38972	40275	39259	39502	1.73	cps
Molybdenum	95-1	3444	3607	3510	3520	2.33	cps
Molybdenum	96-1	13029	12565	13186	12927	2.50	cps
Molybdenum	97-1	2294	2387	2280	2320	2.51	cps
Molybdenum	98-1	5838	5368	5391	5532	4.79	cps
Neodymium	150-1	71440	74449	72813	72900	2.07	cps
Neodymium	150-2	38887	39041	37740	38556	1.84	cps
Nickel	60-2	94975	94572	93730	94426	0.67	cps
Phosphorus	31-2	10010	10047	9330	9795	4.12	cps
Potassium	39-2	1195219	1280031	1177288	1217513	4.51	cps
Rhodium	103-1	3082411	3003897	3001914	3029407	1.52	cps
Rhodium	103-2	1656307	1646970	1599682	1634320	1.86	cps
Scandium	45-1	2023748	2000190	1970382	1998107	1.34	cps
Scandium	45-2	171980	168639	168414	169678	1.18	cps
Selenium	82-1	195	161	200	185	11.58	cps
Selenium	77-2	100	70	73	81	20.27	cps
Selenium	78-2	127	130	120	126	4.06	cps
Silicon	28-1	10562557	10623111	10592434	10592700	0.29	cps
Silver	107-1	1417	1297	1157	1290	10.09	cps
Silver	109-1	1223	1193	1180	1199	1.85	cps
Sodium	23-2	51750	52469	51051	51757	1.37	cps
Strontium	86-1	98936	101339	98785	99687	1.44	cps
Strontium	88-1	872280	875090	869003	872125	0.35	cps
Sulfur	34-1	98488	97196	98699	98128	0.83	cps
Terbium	159-1	5136223	5097167	5112883	5115424	0.38	cps
Terbium	159-2	3167229	3156883	3112363	3145492	0.93	cps
Thallium	203-1	1340	1293	1170	1268	6.93	cps
Thallium	205-1	2967	2894	3174	3011	4.82	cps
Tin	118-1	9396	9697	9797	9630	2.16	cps
Titanium	47-1	327032	328173	327926	327710	0.18	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-20	Instrumnet Name :	P7
Client Sample ID :	MYD5A6	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:38:43	DataFile Name :	099SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18883	18964	19361	19069	1.34	cps
Vanadium	51-2	520265	514814	511800	515626	0.83	cps
Yttrium	89-1	6084363	6027713	6039467	6050514	0.49	cps
Yttrium	89-2	1449254	1451095	1417697	1439349	1.30	cps
Zinc	66-2	74334	74853	74236	74474	0.45	cps
Zirconium	90-1	100715	102417	99876	101003	1.28	cps
Zirconium	91-1	22190	22718	22484	22464	1.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-21	Instrumnet Name :	P7
Client Sample ID :	MYD5A7	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:41:58	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5741540	5639037	5677085	5685887	0.91	cps
Antimony	121-1	7345	7412	7429	7395	0.60	cps
Arsenic	75-2	31052	30782	31126	30987	0.58	cps
Barium	135-1	831314	843864	840442	838540	0.77	cps
Barium	137-1	1474541	1487029	1457699	1473090	1.00	cps
Beryllium	9-1	1932	1827	1823	1860	3.32	cps
Bismuth	209-1	3069395	3039738	3076763	3061965	0.64	cps
Bismuth	209-2	2204316	2238864	2219153	2220778	0.78	cps
Bromine	81-1	7619	8272	8376	8089	5.08	cps
Bromine	81-2	420	550	473	481	13.58	cps
Cadmium	108-1	180	230	183	198	14.13	cps
Cadmium	106-1	2430	2494	2297	2407	4.17	cps
Cadmium	111-1	2232	2191	2113	2179	2.78	cps
Calcium	43-1	221100	224495	226030	223875	1.13	cps
Calcium	44-1	3394574	3399437	3401638	3398550	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	238174	238981	236908	238021	0.44	cps
Cobalt	59-2	186550	186088	187171	186603	0.29	cps
Copper	63-2	240820	239781	240386	240329	0.22	cps
Dysprosium	156-1	57159	57812	57534	57501	0.57	cps
Dysprosium	156-2	42902	42588	43444	42978	1.01	cps
Erbium	164-1	39064	39389	39857	39437	1.01	cps
Erbium	164-2	24882	25236	25393	25170	1.04	cps
Gadolinium	160-1	46738	48778	47711	47742	2.14	cps
Gadolinium	160-2	31689	32117	32010	31939	0.70	cps
Holmium	165-1	5001864	4841220	4890289	4911124	1.68	cps
Holmium	165-2	3168842	3171950	3134148	3158313	0.66	cps
Indium	115-1	3431248	3365658	3381419	3392775	1.01	cps
Indium	115-2	1038167	1030537	1029957	1032887	0.44	cps
Iron	56-2	176924597	177347057	176020297	176763984	0.38	cps
Iron	57-2	4348477	4393222	4313117	4351605	0.92	cps
Iron	54-2	9661320	9601365	9624428	9629038	0.31	cps
Krypton	83-1	167	63	120	117	44.36	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-21	Instrumnet Name :	P7
Client Sample ID :	MYD5A7	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:41:58	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	107750	109339	109785	108958	0.98	cps
Lead	207-1	94321	94546	93220	94029	0.75	cps
Lead	208-1	426405	433938	434857	431734	1.07	cps
Lithium	6-1	782299	775830	776659	778263	0.45	cps
Magnesium	24-2	4506922	4521744	4519168	4515945	0.18	cps
Manganese	55-2	5247198	5256918	5209512	5237876	0.48	cps
Molybdenum	94-1	65713	67357	67140	66737	1.34	cps
Molybdenum	95-1	2794	2794	2900	2829	2.18	cps
Molybdenum	96-1	15605	16002	16252	15953	2.05	cps
Molybdenum	97-1	1693	1837	1883	1805	5.49	cps
Molybdenum	98-1	4137	4251	4424	4271	3.38	cps
Neodymium	150-1	94618	96289	98031	96313	1.77	cps
Neodymium	150-2	51360	52273	51584	51739	0.92	cps
Nickel	60-2	84992	84647	85173	84937	0.31	cps
Phosphorus	31-2	11321	11311	11027	11220	1.49	cps
Potassium	39-2	1901538	1897624	1918032	1905731	0.57	cps
Rhodium	103-1	3047180	2915558	2897978	2953572	2.76	cps
Rhodium	103-2	1612523	1623840	1600260	1612207	0.73	cps
Scandium	45-1	1860316	1850493	1858953	1856587	0.29	cps
Scandium	45-2	159593	158206	157609	158470	0.64	cps
Selenium	82-1	96	217	160	158	38.24	cps
Selenium	77-2	90	123	103	106	15.90	cps
Selenium	78-2	180	143	220	181	21.17	cps
Silicon	28-1	8899097	8817891	8808959	8841982	0.56	cps
Silver	107-1	873	930	987	930	6.09	cps
Silver	109-1	713	873	840	809	10.44	cps
Sodium	23-2	46356	46791	46346	46498	0.55	cps
Strontium	86-1	128299	130024	128739	129021	0.69	cps
Strontium	88-1	1125883	1146820	1143701	1138801	0.99	cps
Sulfur	34-1	95066	94309	95972	95116	0.88	cps
Terbium	159-1	5256189	5007807	4987396	5083797	2.94	cps
Terbium	159-2	3046493	3099106	3089004	3078201	0.91	cps
Thallium	203-1	2210	2257	2244	2237	1.07	cps
Thallium	205-1	5194	5354	5114	5221	2.34	cps
Tin	118-1	10771	10757	10704	10744	0.33	cps
Titanium	47-1	477282	482304	483181	480922	0.66	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-21	Instrumnet Name :	P7
Client Sample ID :	MYD5A7	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:41:58	DataFile Name :	100SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18646	18930	19067	18881	1.14	cps
Vanadium	51-2	337217	338382	337065	337555	0.21	cps
Yttrium	89-1	6009618	5990822	5974895	5991778	0.29	cps
Yttrium	89-2	1425379	1429505	1402710	1419198	1.02	cps
Zinc	66-2	58360	58049	59106	58505	0.93	cps
Zirconium	90-1	173578	175090	176493	175053	0.83	cps
Zirconium	91-1	39202	39035	39075	39104	0.22	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-22	Instrumnet Name :	P7
Client Sample ID :	MYD5A8	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:45:16	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6115353	5922563	5919472	5985796	1.87	cps
Antimony	121-1	6411	6605	6598	6538	1.68	cps
Arsenic	75-2	36729	35723	35048	35833	2.36	cps
Barium	135-1	698950	709486	698702	702379	0.88	cps
Barium	137-1	1203113	1220241	1221751	1215035	0.85	cps
Beryllium	9-1	1868	1948	1783	1866	4.43	cps
Bismuth	209-1	3076076	3012454	2978697	3022409	1.64	cps
Bismuth	209-2	1703934	2296868	2221636	2074146	15.56	cps
Bromine	81-1	6965	7429	7052	7148	3.45	cps
Bromine	81-2	317	300	320	312	3.43	cps
Cadmium	108-1	503	463	507	491	4.91	cps
Cadmium	106-1	2460	2497	2787	2581	6.93	cps
Cadmium	111-1	5867	5657	5960	5828	2.66	cps
Calcium	43-1	411494	414921	415097	413838	0.49	cps
Calcium	44-1	6231673	6243506	6150044	6208407	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	325795	315887	319752	320478	1.56	cps
Cobalt	59-2	172745	168433	169734	170304	1.30	cps
Copper	63-2	246529	241216	243828	243858	1.09	cps
Dysprosium	156-1	51768	53234	52019	52340	1.50	cps
Dysprosium	156-2	39479	38656	39603	39246	1.31	cps
Erbium	164-1	38590	38372	39469	38810	1.50	cps
Erbium	164-2	24889	24228	24241	24453	1.55	cps
Gadolinium	160-1	45641	46122	46326	46030	0.76	cps
Gadolinium	160-2	31171	30654	30453	30759	1.21	cps
Holmium	165-1	4840477	4895988	4750614	4829026	1.52	cps
Holmium	165-2	2384248	3303141	3129973	2939121	16.61	cps
Indium	115-1	3380873	3344770	3290148	3338597	1.37	cps
Indium	115-2	784141	1090987	1026815	967314	16.73	cps
Iron	56-2	194629324	190017657	190969657	191872213	1.27	cps
Iron	57-2	4780712	4680059	4715282	4725351	1.08	cps
Iron	54-2	10668785	10375205	10398968	10480986	1.56	cps
Krypton	83-1	97	113	100	103	8.53	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-22	Instrumnet Name :	P7
Client Sample ID :	MYD5A8	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:45:16	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	110871	113983	112535	112463	1.38	cps
Lead	207-1	93881	98084	96211	96059	2.19	cps
Lead	208-1	435883	445019	444254	441718	1.15	cps
Lithium	6-1	760401	762319	760531	761084	0.14	cps
Magnesium	24-2	5254116	5109893	5169909	5177972	1.40	cps
Manganese	55-2	4369761	4256252	4234492	4286835	1.69	cps
Molybdenum	94-1	70773	70920	71889	71194	0.85	cps
Molybdenum	95-1	2574	2737	2710	2674	3.28	cps
Molybdenum	96-1	16766	16756	17063	16862	1.03	cps
Molybdenum	97-1	1667	1660	1600	1642	2.24	cps
Molybdenum	98-1	4254	4401	4194	4283	2.48	cps
Neodymium	150-1	91514	91440	92702	91886	0.77	cps
Neodymium	150-2	49704	49205	48985	49298	0.75	cps
Nickel	60-2	99799	97195	97692	98229	1.41	cps
Phosphorus	31-2	10624	10407	10230	10420	1.89	cps
Potassium	39-2	1394472	1344246	1369285	1369334	1.83	cps
Rhodium	103-1	2843852	2888679	2858853	2863794	0.80	cps
Rhodium	103-2	1194788	1715097	1597577	1502487	18.16	cps
Scandium	45-1	1830677	1849946	1775588	1818737	2.12	cps
Scandium	45-2	127128	169631	159226	151995	14.58	cps
Selenium	82-1	193	168	154	172	11.54	cps
Selenium	77-2	123	110	117	117	5.72	cps
Selenium	78-2	170	180	127	159	17.84	cps
Silicon	28-1	11526127	11866826	11684471	11692475	1.46	cps
Silver	107-1	900	880	953	911	4.16	cps
Silver	109-1	767	707	887	787	11.65	cps
Sodium	23-2	52242	52773	52168	52394	0.63	cps
Strontium	86-1	134083	135997	134891	134991	0.71	cps
Strontium	88-1	1165902	1178766	1197751	1180806	1.36	cps
Sulfur	34-1	94674	93853	93973	94166	0.47	cps
Terbium	159-1	4799495	4950556	4797899	4849317	1.81	cps
Terbium	159-2	2354805	3234676	3036185	2875222	16.05	cps
Thallium	203-1	1853	1897	1990	1913	3.65	cps
Thallium	205-1	4431	4678	4758	4622	3.69	cps
Tin	118-1	11765	12482	12295	12181	3.05	cps
Titanium	47-1	553714	566235	556258	558736	1.18	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	P2818-22	Instrumnet Name :	P7
Client Sample ID :	MYD5A8	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:45:16	DataFile Name :	101SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17755	18309	18223	18096	1.65	cps
Vanadium	51-2	387218	377438	378247	380967	1.42	cps
Yttrium	89-1	5858287	5786688	5830801	5825259	0.62	cps
Yttrium	89-2	1117615	1508424	1423244	1349761	15.23	cps
Zinc	66-2	61000	58969	60271	60080	1.71	cps
Zirconium	90-1	187439	190028	187183	188217	0.84	cps
Zirconium	91-1	40960	42354	41869	41728	1.70	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:48:29	DataFile Name :	102CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4357379	4444697	4392336	4398137	1.00	cps
Antimony	121-1	2285598	2290342	2328450	2301463	1.02	cps
Arsenic	75-2	91473	92623	93623	92573	1.16	cps
Barium	135-1	3143323	3143692	3183895	3156970	0.74	cps
Barium	137-1	5381169	5391450	5438157	5403592	0.56	cps
Beryllium	9-1	406970	412579	415393	411647	1.04	cps
Bismuth	209-1	2827851	2843356	2845354	2838854	0.34	cps
Bismuth	209-2	2095030	2095794	2069230	2086685	0.72	cps
Bromine	81-1	5488	5514	5438	5480	0.71	cps
Bromine	81-2	23	33	33	30	19.25	cps
Cadmium	108-1	39296	39377	39651	39441	0.47	cps
Cadmium	106-1	57915	57399	58557	57957	1.00	cps
Cadmium	111-1	520492	522932	531419	524948	1.09	cps
Calcium	43-1	2600992	2590078	2627279	2606116	0.73	cps
Calcium	44-1	40769780	41004305	41591482	41121856	1.03	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	744410	744902	748612	745975	0.31	cps
Cobalt	59-2	1088280	1094412	1098372	1093688	0.46	cps
Copper	63-2	7368226	7382166	7405688	7385360	0.26	cps
Dysprosium	156-1	260	347	337	314	15.08	cps
Dysprosium	156-2	217	240	280	246	13.05	cps
Erbium	164-1	163	123	140	142	14.13	cps
Erbium	164-2	93	107	93	98	7.88	cps
Gadolinium	160-1	130	140	110	127	12.06	cps
Gadolinium	160-2	250	183	203	212	16.12	cps
Holmium	165-1	4763195	4676230	4776978	4738801	1.15	cps
Holmium	165-2	3093982	3060507	3084927	3079806	0.56	cps
Indium	115-1	2825334	2772040	2796864	2798079	0.95	cps
Indium	115-2	845427	841688	848570	845228	0.41	cps
Iron	56-2	155603861	157839701	158424664	157289409	0.95	cps
Iron	57-2	3888871	3993326	3954209	3945469	1.34	cps
Iron	54-2	8624006	8642383	8808190	8691527	1.17	cps
Krypton	83-1	80	73	103	86	18.41	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:48:29	DataFile Name :	102CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9727192	9765816	10025508	9839506	1.65	cps
Lead	207-1	8687185	8738668	8871753	8765869	1.09	cps
Lead	208-1	39264356	40048104	40035759	39782740	1.13	cps
Lithium	6-1	715774	715126	719495	716798	0.33	cps
Magnesium	24-2	35667669	35716091	36049159	35810973	0.58	cps
Manganese	55-2	5637141	5582167	5663669	5627659	0.74	cps
Molybdenum	94-1	6677087	6717146	6685559	6693264	0.32	cps
Molybdenum	95-1	9343857	9551076	9431855	9442263	1.10	cps
Molybdenum	96-1	10207690	10337935	10376487	10307371	0.86	cps
Molybdenum	97-1	5803037	5916542	6000900	5906827	1.68	cps
Molybdenum	98-1	15293086	15454155	15525528	15424256	0.77	cps
Neodymium	150-1	383	353	297	344	12.78	cps
Neodymium	150-2	83	80	103	89	14.20	cps
Nickel	60-2	263933	267154	265300	265462	0.61	cps
Phosphorus	31-2	4214	4474	4294	4327	3.08	cps
Potassium	39-2	21112425	21288062	21461338	21287275	0.82	cps
Rhodium	103-1	2644470	2631066	2662261	2645932	0.59	cps
Rhodium	103-2	1451943	1451656	1458421	1454007	0.26	cps
Scandium	45-1	1575693	1562786	1575472	1571317	0.47	cps
Scandium	45-2	138438	138896	140628	139321	0.83	cps
Selenium	82-1	29357	29414	29346	29372	0.13	cps
Selenium	77-2	2794	2630	2754	2726	3.12	cps
Selenium	78-2	8813	8853	9506	9057	4.30	cps
Silicon	28-1	18814278	18614978	18610992	18680083	0.62	cps
Silver	107-1	2544032	2523402	2581950	2549795	1.16	cps
Silver	109-1	2392920	2431421	2459873	2428071	1.38	cps
Sodium	23-2	60198899	60391196	61117607	60569234	0.80	cps
Strontium	86-1	16738866	16994786	16816954	16850202	0.78	cps
Strontium	88-1	146571851	147762458	148881494	147738601	0.78	cps
Sulfur	34-1	246914	249996	250277	249062	0.75	cps
Terbium	159-1	4781413	4779272	4743352	4768012	0.45	cps
Terbium	159-2	2980736	2977506	3003137	2987126	0.47	cps
Thallium	203-1	2477250	2505247	2526908	2503135	0.99	cps
Thallium	205-1	6013980	6146290	6087595	6082622	1.09	cps
Tin	118-1	16866159	16941153	17267350	17024887	1.25	cps
Titanium	47-1	2103339	2123089	2126036	2117488	0.58	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P7
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:48:29	DataFile Name :	102CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8738356	8904781	8942733	8861957	1.23	cps
Vanadium	51-2	680832	684848	686672	684118	0.44	cps
Yttrium	89-1	5188128	5189954	5175298	5184460	0.15	cps
Yttrium	89-2	1278124	1281382	1283225	1280910	0.20	cps
Zinc	66-2	1220954	1225759	1233709	1226808	0.53	cps
Zirconium	90-1	3552478	3572358	3537677	3554171	0.49	cps
Zirconium	91-1	795496	800057	804212	799922	0.55	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:51:22	DataFile Name :	103CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	373	313	323	14.17	cps
Antimony	121-1	1147	1230	1323	1233	7.17	cps
Arsenic	75-2	10	30	10	17	69.28	cps
Barium	135-1	223	160	207	197	16.69	cps
Barium	137-1	407	280	293	327	21.31	cps
Beryllium	9-1	252	201	175	209	18.72	cps
Bismuth	209-1	3313541	3290127	3300658	3301442	0.36	cps
Bismuth	209-2	2372038	2377804	2408961	2386268	0.83	cps
Bromine	81-1	5538	5334	5501	5458	1.99	cps
Bromine	81-2	33	30	23	29	17.63	cps
Cadmium	108-1	0	17	0	6	173.21	cps
Cadmium	106-1	1760	1590	1487	1612	8.56	cps
Cadmium	111-1	1275	1171	1077	1175	8.43	cps
Calcium	43-1	257	237	197	230	13.28	cps
Calcium	44-1	4047	3887	3711	3882	4.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263	273	277	271	2.56	cps
Cobalt	59-2	143	187	140	157	16.62	cps
Copper	63-2	1007	847	997	950	9.43	cps
Dysprosium	156-1	120	147	150	139	11.84	cps
Dysprosium	156-2	30	30	27	29	6.65	cps
Erbium	164-1	10	17	13	13	25.01	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	17	7	13	12	41.65	cps
Gadolinium	160-2	123	170	133	142	17.27	cps
Holmium	165-1	5025579	5012387	5020756	5019574	0.13	cps
Holmium	165-2	3206225	3210857	3184245	3200443	0.44	cps
Indium	115-1	3528527	3508020	3498439	3511662	0.44	cps
Indium	115-2	1079336	1082547	1082380	1081421	0.17	cps
Iron	56-2	22834	22086	22607	22509	1.70	cps
Iron	57-2	867	923	837	876	5.03	cps
Iron	54-2	1727	1770	1750	1749	1.24	cps
Krypton	83-1	50	67	57	58	14.52	cps

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:51:22	DataFile Name :	103CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1113	983	977	1024	7.52	cps
Lead	207-1	947	847	783	859	9.59	cps
Lead	208-1	4247	3780	3690	3906	7.65	cps
Lithium	6-1	789840	789426	790493	789919	0.07	cps
Magnesium	24-2	2307	2467	2367	2380	3.40	cps
Manganese	55-2	807	773	833	804	3.74	cps
Molybdenum	94-1	587	503	500	530	9.26	cps
Molybdenum	95-1	747	703	643	698	7.44	cps
Molybdenum	96-1	933	703	740	792	15.60	cps
Molybdenum	97-1	393	427	433	418	5.13	cps
Molybdenum	98-1	1287	983	1060	1110	14.21	cps
Neodymium	150-1	3	10	10	8	49.52	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	93	60	53	69	31.12	cps
Phosphorus	31-2	93	63	73	77	19.93	cps
Potassium	39-2	28483	27722	28353	28186	1.44	cps
Rhodium	103-1	3053988	3073393	3063497	3063626	0.32	cps
Rhodium	103-2	1693753	1676781	1692001	1687512	0.55	cps
Scandium	45-1	1694979	1688785	1682503	1688756	0.37	cps
Scandium	45-2	145847	146755	145709	146104	0.39	cps
Selenium	82-1	162	110	140	137	19.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	73	87	74	15.73	cps
Silicon	28-1	141671	134136	128761	134856	4.81	cps
Silver	107-1	443	343	277	354	23.67	cps
Silver	109-1	350	380	247	326	21.49	cps
Sodium	23-2	14450	13720	13246	13805	4.40	cps
Strontium	86-1	823	893	600	772	19.84	cps
Strontium	88-1	7202	5448	5238	5962	18.09	cps
Sulfur	34-1	102625	102514	101860	102333	0.40	cps
Terbium	159-1	5129257	5122535	5092604	5114798	0.38	cps
Terbium	159-2	3152358	3190043	3145711	3162704	0.76	cps
Thallium	203-1	580	383	313	426	32.49	cps
Thallium	205-1	1017	1023	820	953	12.12	cps
Tin	118-1	2580	2734	2877	2730	5.43	cps
Titanium	47-1	183	263	217	221	18.17	cps

600

Reviewed By:Mohan
On:10/18/2024 8:05:55 AM
Inst Id :P7

LB Number :	LB132905	Operator :	Jaswal
Lab Sample ID :	CCB005	Instrumnet Name :	P7
Client Sample ID :	CCB005	Dilution Factor :	1
Date & Time Acquired :	2024-10-11 22:51:22	DataFile Name :	103CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	377	310	300	329	12.67	cps
Vanadium	51-2	37	30	43	37	18.18	cps
Yttrium	89-1	5550945	5565650	5529084	5548560	0.33	cps
Yttrium	89-2	1355490	1370409	1360894	1362264	0.55	cps
Zinc	66-2	183	190	160	178	8.86	cps
Zirconium	90-1	503	493	490	496	1.40	cps
Zirconium	91-1	100	113	130	114	13.13	cps

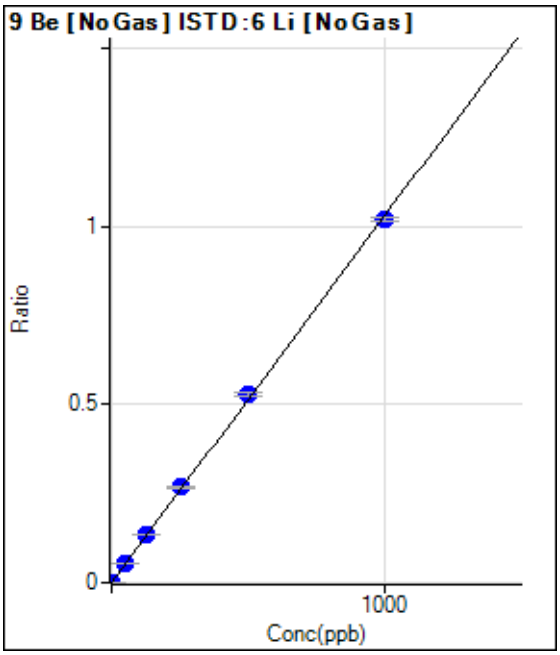
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

Calibration for 008CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101724-MS1.b\
Analysis File: P7101724-MS1.batch.bin
DA Date-Time: 2024-10-18 00:46:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-17 16:19:52
2	005CALS.d	S02	2024-10-17 16:23:14
3	006CALS.d	S03	2024-10-17 16:26:38
4	007CALS.d	S04	2024-10-17 16:29:55
5	008CALS.d	S05	2024-10-17 16:33:04
6	009CALS.d	S06	2024-10-17 16:36:06
7	011CALS.d	S07	2024-10-17 16:41:54
8	012CALS.d	S08	2024-10-17 16:44:46

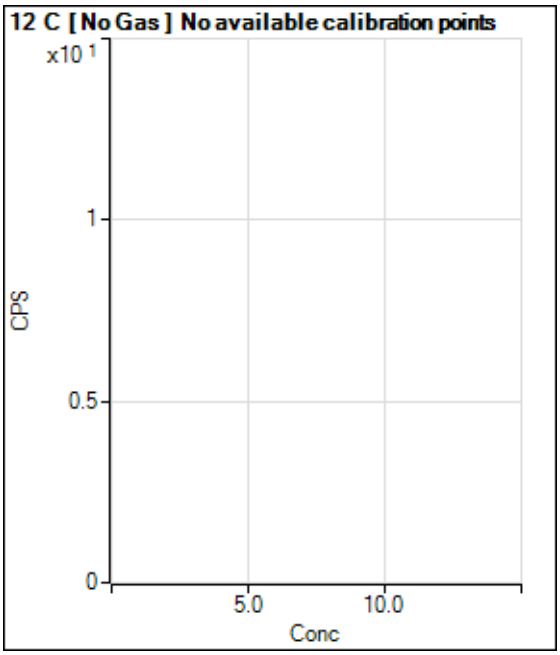
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0000	P	8.8
2	☐	1.000	1.114	891.14	0.0012	P	5.1
3	☐	50.000	52.748	41139.82	0.0543	P	1.9
4	☐	125.000	131.059	100883.06	0.1348	P	0.8
5	☐	250.000	260.800	196602.20	0.2682	P	1.1
6	☐	500.000	513.679	380720.33	0.5282	P	1.5
7	☐	1000.000	989.565	753418.05	1.0175	P	1.0
8	☐			465.57	0.0006	P	9.1

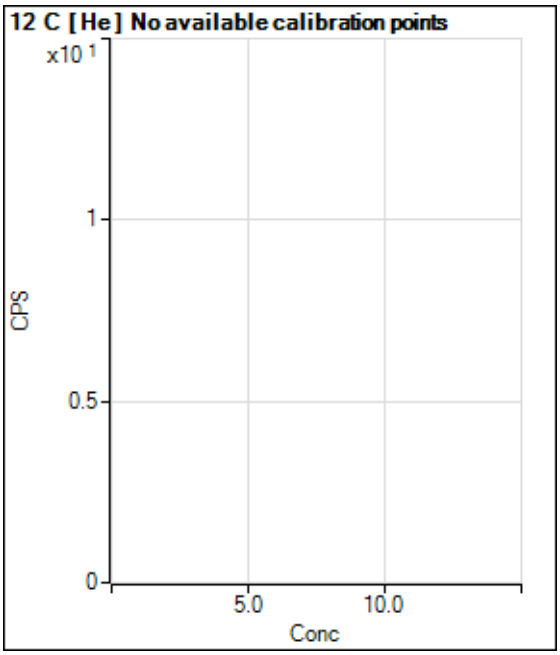
y = 0.0010 * x + 2.8125E-005
R = 0.9998
DL = 0.007191
BEC = 0.02735

Weight: <None>
Min Conc: 0

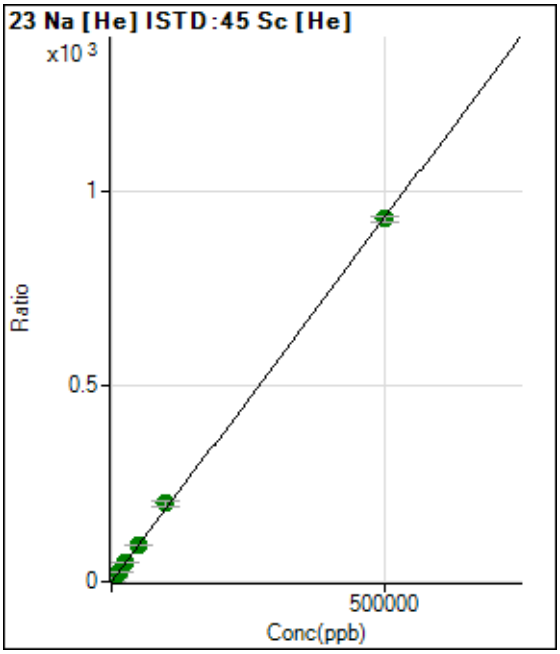


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7



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

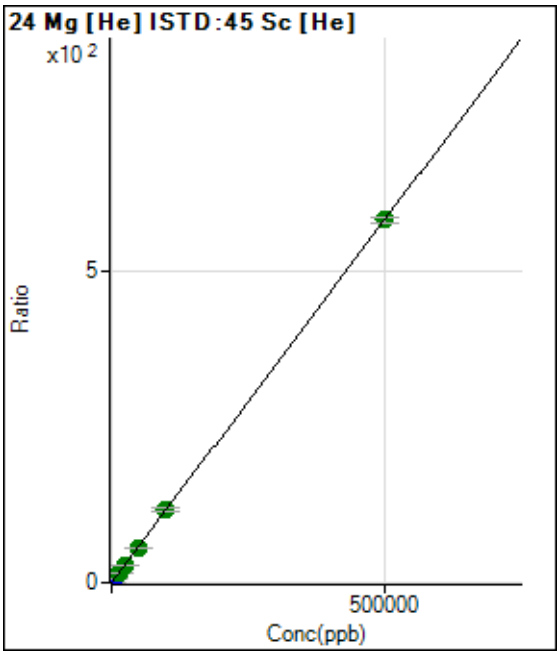


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5076.44	0.0404	P	6.0
2	☐	500.000	530.939	135147.88	1.0282	P	1.1
3	☐	5000.000	5151.925	1261178.90	9.6253	A	0.9
4	☐	12500.000	12777.523	3086671.65	23.8123	A	1.9
5	☐	25000.000	25842.839	6095280.81	48.1196	A	0.5
6	☐	50000.000	50708.272	11927114.41	94.3803	A	1.4
7	☐	100000.00	107128.85	24318460.75	199.3475	A	6.7
8	☐	500000.00	498452.77	118366018.2	927.3832	A	1.7

y = 0.0019 * x + 0.0404
R = 0.9999
DL = 3.895
BEC = 21.74

Weight: <None>
Min Conc: 0

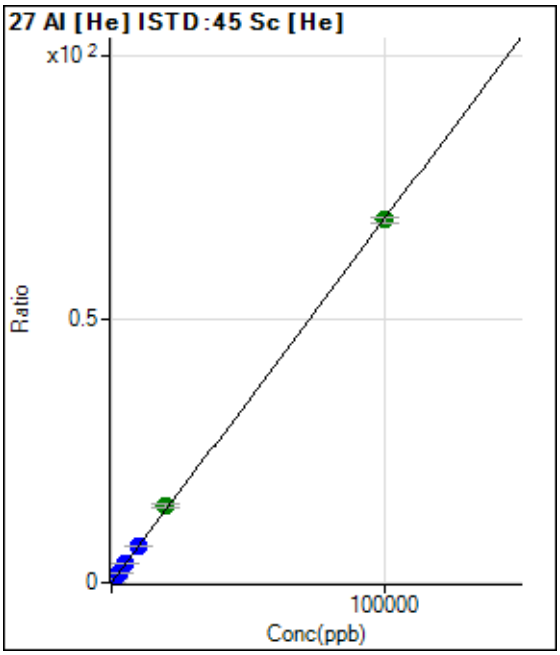
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1098.94	0.0087	P	6.1
2	☐	500.000	536.032	83410.01	0.6346	P	1.5
3	☐	5000.000	5086.349	779273.47	5.9475	P	1.2
4	☐	12500.000	12079.299	1829367.51	14.1124	A	1.0
5	☐	25000.000	24101.638	3565687.69	28.1495	A	0.5
6	☐	50000.000	47269.371	6975791.98	55.1999	A	1.4
7	☐	100000.00	100605.83	14327039.65	117.4749	A	7.3
8	☐	500000.00	500206.43	74545447.78	584.0439	A	1.5

y = 0.0012 * x + 0.0087
R = 1.0000
DL = 1.366
BEC = 7.492

Weight: <None>
Min Conc: 0

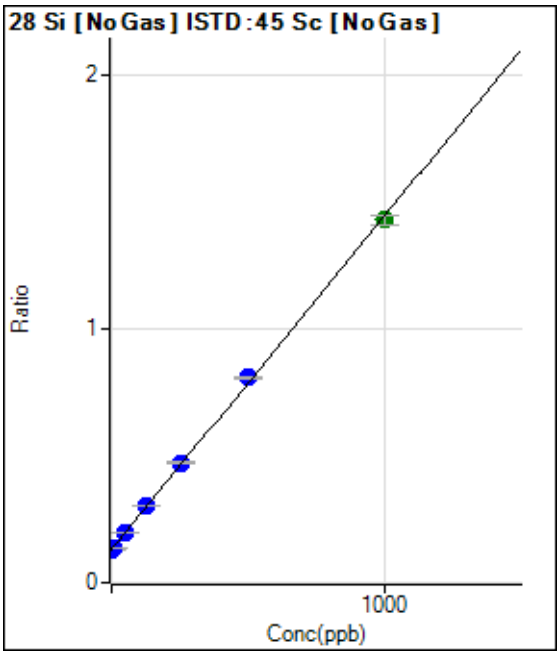


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0006	P	13.1
2	☐	20.000	20.604	1942.36	0.0148	P	3.5
3	☐	1000.000	1064.438	96309.61	0.7350	P	0.9
4	☐	2500.000	2595.394	232220.44	1.7914	P	0.6
5	☐	5000.000	5212.310	455641.28	3.5971	P	0.5
6	☐	10000.000	10204.111	889855.88	7.0415	P	1.1
7	☐	20000.000	21083.444	1774761.87	14.5483	A	6.8
8	☐	100000.00	99749.255	8785157.86	68.8283	A	1.4

y = 6.9001E-004 * x + 5.6281E-004
R = 0.9999
DL = 0.3208
BEC = 0.8157

Weight: <None>
Min Conc: 0

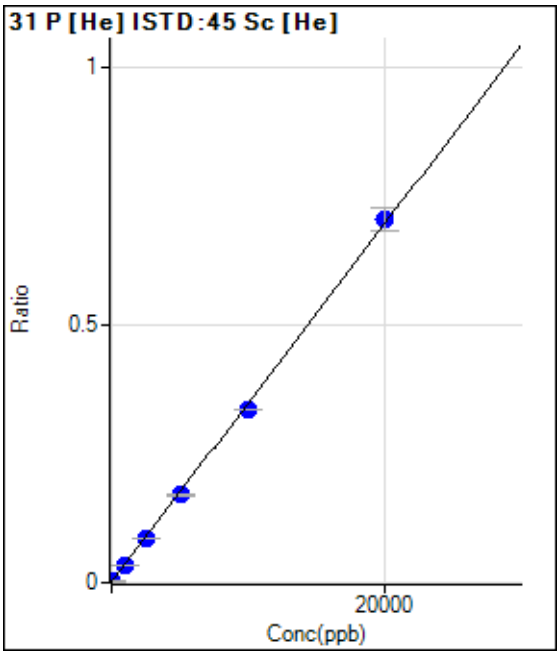
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192476.41	0.1309	P	0.4
2	☐	10.000	3.457	202346.14	0.1354	P	0.7
3	☐	50.000	51.414	296594.45	0.1985	P	2.0
4	☐	125.000	130.768	445535.95	0.3028	P	1.1
5	☐	250.000	259.889	682508.53	0.4725	P	1.6
6	☐	500.000	516.770	1143821.13	0.8101	P	0.8
7	☐	1000.000	988.416	2062109.29	1.4300	A	2.3
8	☐			198074.08	0.1393	P	1.9

y = 0.0013 * x + 0.1309
R = 0.9997
DL = 1.274
BEC = 99.6

Weight: <None>
Min Conc: 0

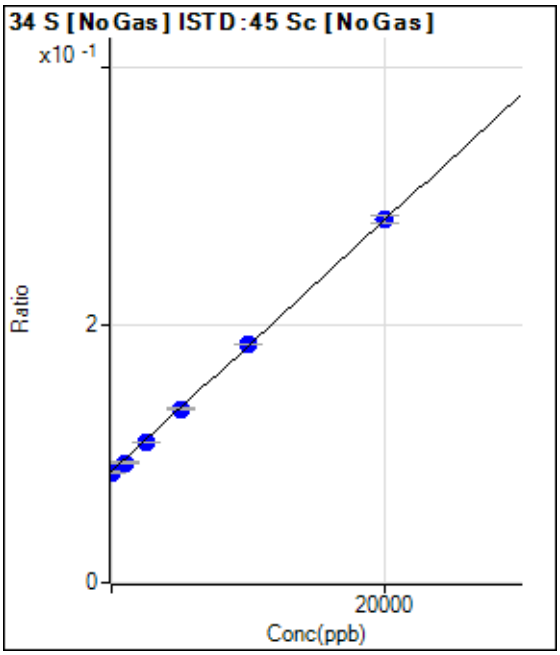


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.560	111.11	0.0009	P	0.6
2	☐	0.000	14.560	248.89	0.0019	P	3.6
3	☐	1000.000	965.535	4574.07	0.0349	P	0.9
4	☐	2500.000	2442.512	11171.95	0.0862	P	0.6
5	☐	5000.000	4880.833	21642.03	0.1708	P	1.8
6	☐	10000.000	9606.586	42322.73	0.3349	P	0.5
7	☐	20000.000	20235.408	85875.69	0.7039	P	6.5
8	☐			142.23	0.0011	P	14.1

y = 3.4716E-005 * x + 0.0014
R = 0.9997
DL = 3.213
BEC = 39.99

Weight: <None>
Min Conc: 0

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	89.429	128443.01	0.0874	P	0.6
2	☐	0.000	-89.429	127891.90	0.0856	P	1.3
3	☐	1000.000	649.710	138710.46	0.0928	P	1.4
4	☐	2500.000	2311.743	160432.05	0.1090	P	0.2
5	☐	5000.000	4975.900	195023.13	0.1350	P	1.1
6	☐	10000.000	10094.949	261105.47	0.1849	P	0.2
7	☐	20000.000	19999.597	405959.33	0.2815	P	2.2
8	☐			109779.56	0.0772	P	2.5

y = 9.7518E-006 * x + 0.0865

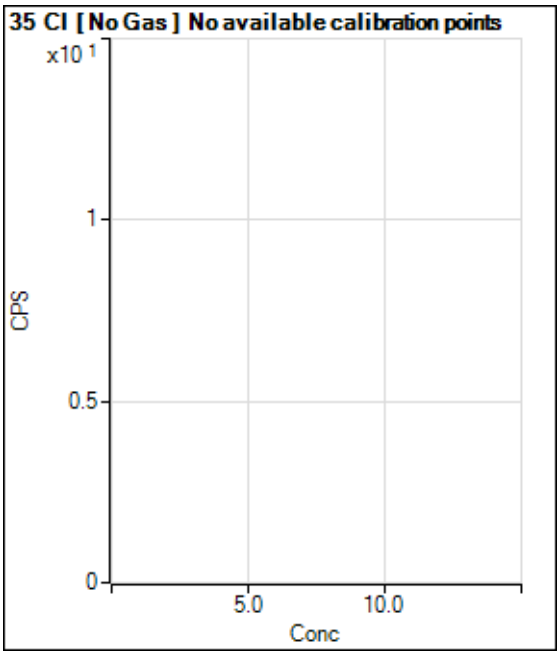
R = 0.9998

DL = 251.1

BEC = 8868

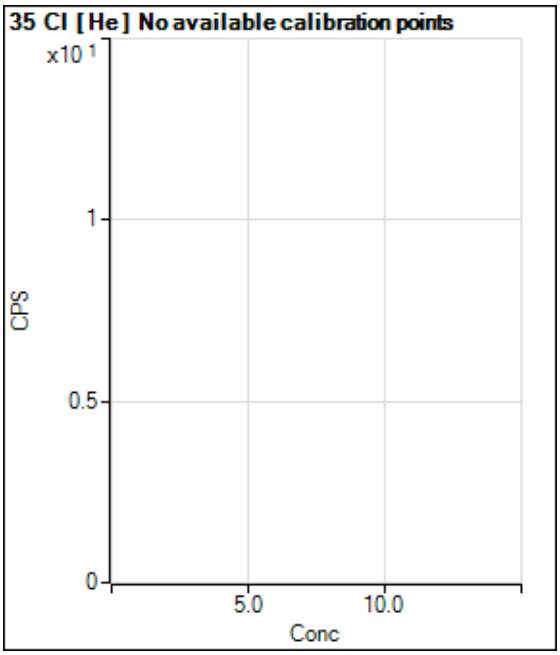
Weight: <None>

Min Conc: 0

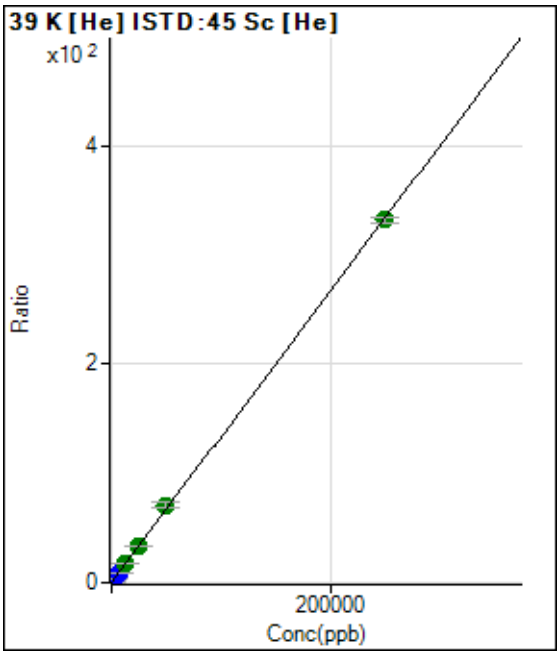


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

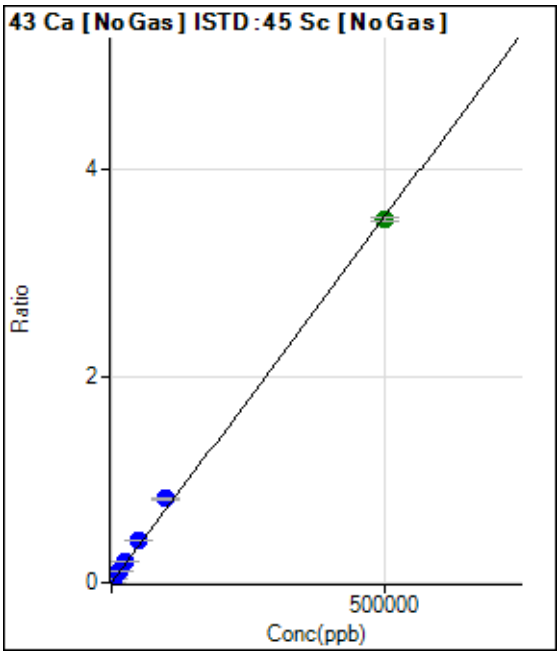


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33717.31	0.2686	P	6.4
2	☐	500.000	539.015	129556.37	0.9857	P	1.6
3	☐	2500.000	2781.056	519970.39	3.9684	P	1.0
4	☐	6250.000	6930.036	1229948.23	9.4881	P	0.5
5	☐	12500.000	12766.131	2185173.28	17.2522	A	1.8
6	☐	25000.000	25253.958	4279750.14	33.8655	A	0.6
7	☐	50000.000	53251.484	8673419.52	71.1124	A	7.2
8	☐	250000.00	249291.11	42364444.37	331.9160	A	1.9

y = 0.0013 * x + 0.2686
R = 0.9999
DL = 38.47
BEC = 201.9

Weight: <None>
Min Conc: 0

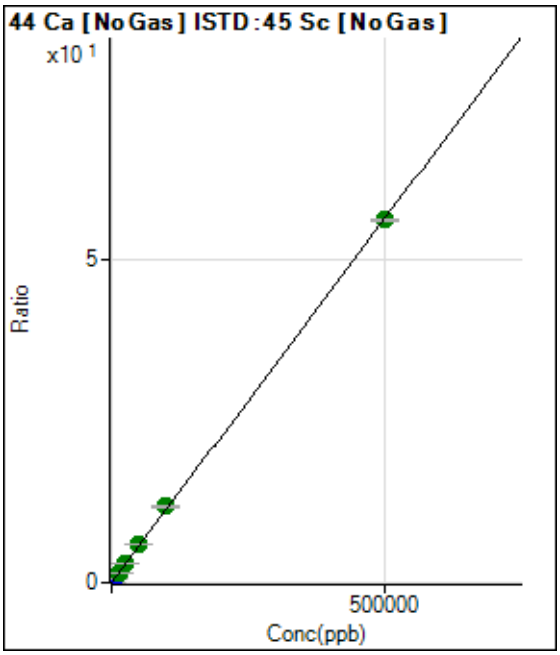
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	151.12	0.0001	P	24.6
2	☐	500.000	542.330	5895.64	0.0039	P	0.9
3	☐	5000.000	5894.725	62586.15	0.0419	P	1.3
4	☐	12500.000	14584.819	152252.38	0.1035	P	0.4
5	☐	25000.000	28932.739	296354.20	0.2052	P	1.0
6	☐	50000.000	57734.091	577862.14	0.4093	P	0.6
7	☐	100000.00	114883.79	1174239.29	0.8143	P	2.3
8	☐	500000.00	495992.08	4998045.48	3.5152	A	0.9

y = 7.0870E-006 * x + 1.0277E-004
R = 0.9995
DL = 10.7
BEC = 14.5

Weight: <None>
Min Conc: 0

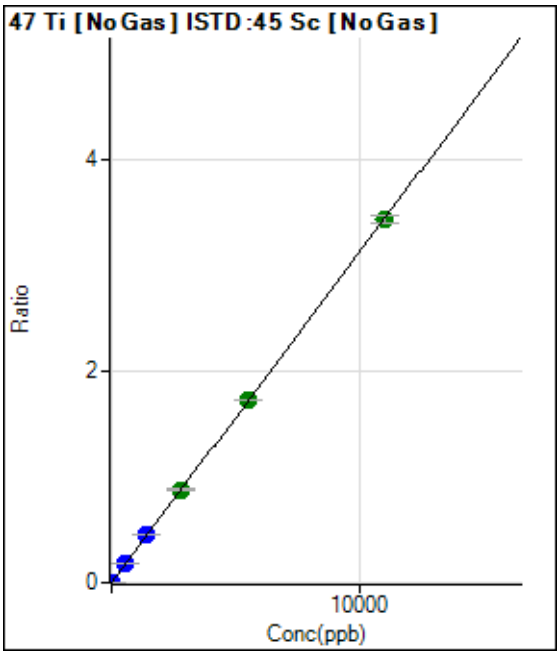


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2566.93	0.0017	P	5.6
2	☐	500.000	546.809	94335.34	0.0631	P	1.8
3	☐	5000.000	5738.427	965596.37	0.6461	P	1.4
4	☐	12500.000	13215.432	2186287.80	1.4857	A	1.1
5	☐	25000.000	26415.034	4287412.16	2.9680	A	1.0
6	☐	50000.000	52852.161	8382245.08	5.9367	A	0.8
7	☐	100000.00	104443.30	16914370.72	11.7300	A	2.6
8	☐	500000.00	498730.05	79630077.14	56.0055	A	0.5

y = 1.1229E-004 * x + 0.0017
R = 1.0000
DL = 2.612
BEC = 15.55

Weight: <None>
Min Conc: 0

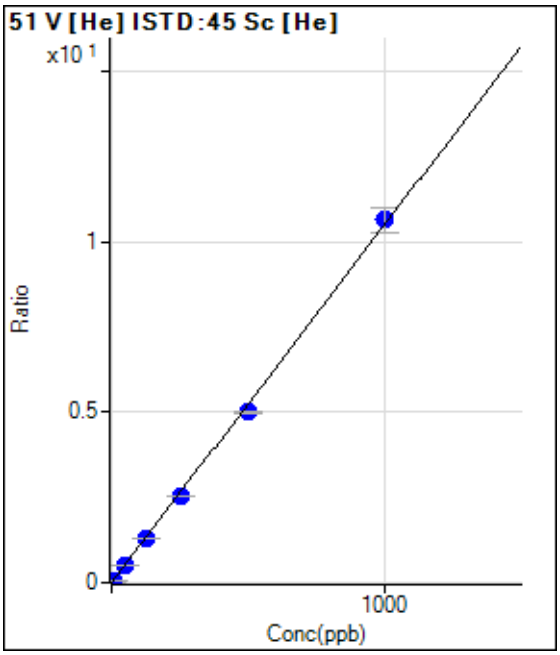
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.5
2	☐	5.000	5.264	2495.79	0.0017	P	7.0
3	☐	550.000	581.643	272045.16	0.1820	P	1.9
4	☐	1375.000	1444.149	665080.79	0.4520	P	0.8
5	☐	2750.000	2802.231	1266800.65	0.8770	A	1.9
6	☐	5500.000	5519.775	2439073.12	1.7274	A	0.6
7	☐	11000.000	10966.829	4949411.25	3.4321	A	2.0
8	☐			642.24	0.0005	P	1.8

y = 3.1295E-004 * x + 2.2671E-005
R = 1.0000
DL = 0.05759
BEC = 0.07244

Weight: <None>
Min Conc: 0

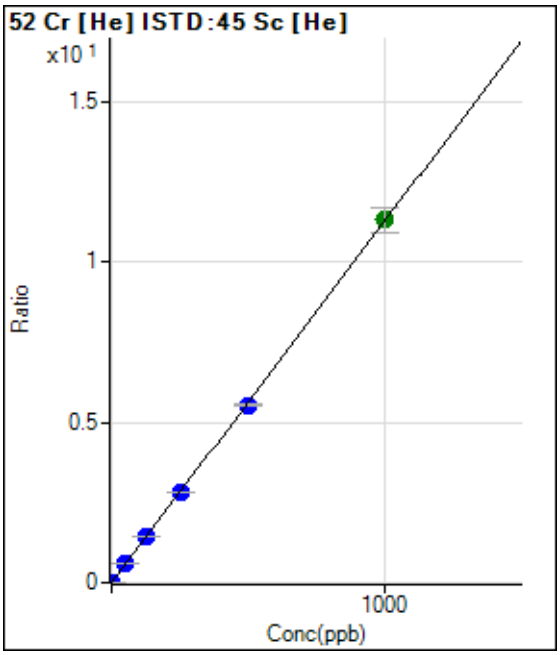


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	5.8
2	☐	5.000	4.938	6819.39	0.0519	P	0.8
3	☐	50.000	48.768	67091.54	0.5121	P	2.3
4	☐	125.000	121.970	166019.79	1.2807	P	0.4
5	☐	250.000	241.380	321041.57	2.5345	P	0.7
6	☐	500.000	477.033	632991.79	5.0089	P	1.1
7	☐	1000.000	1014.079	1298801.72	10.6479	P	7.0
8	☐			375.56	0.0029	P	9.6

y = 0.0105 * x + 2.6525E-005
R = 0.9996
DL = 0.0004384
BEC = 0.002526

Weight: <None>
Min Conc: 0

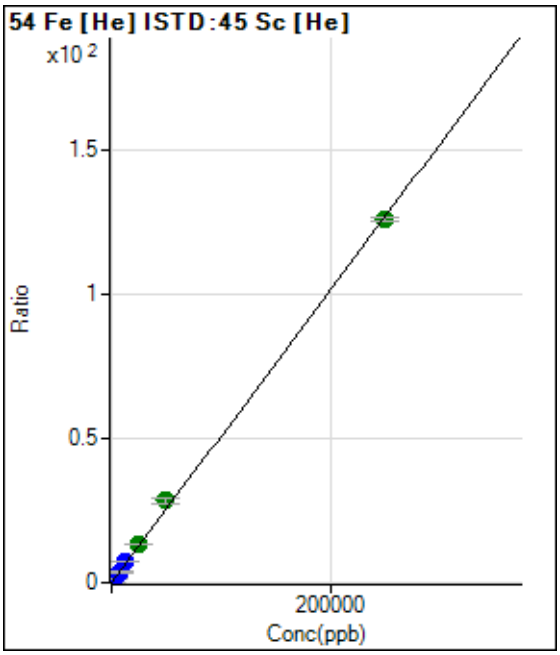
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0015	P	14.2
2	☐	2.000	2.030	3193.70	0.0243	P	2.5
3	☐	50.000	51.083	75494.38	0.5762	P	0.7
4	☐	125.000	126.066	184045.63	1.4197	P	0.3
5	☐	250.000	250.606	357302.53	2.8208	P	1.0
6	☐	500.000	490.882	698096.23	5.5240	P	0.6
7	☐	1000.000	1004.220	1378501.56	11.2991	A	6.6
8	☐			4520.86	0.0354	P	2.7

y = 0.0113 * x + 0.0015
R = 0.9999
DL = 0.05521
BEC = 0.1299

Weight: <None>
Min Conc: 0

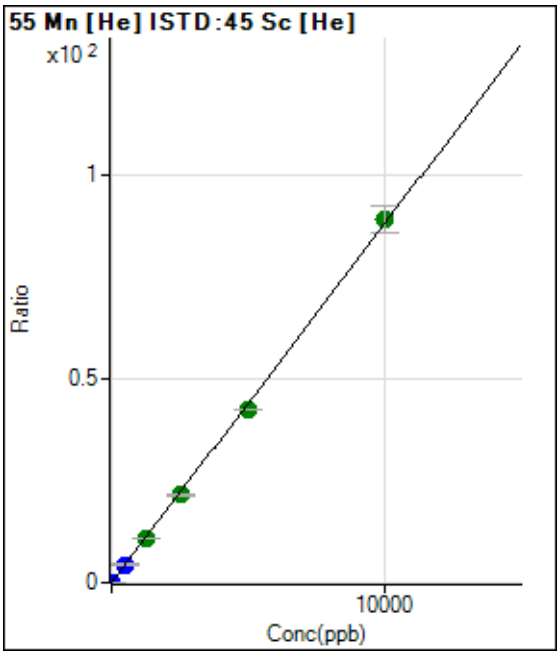


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	808.92	0.0064	P	10.7
2	☐	50.000	59.174	4778.58	0.0364	P	1.6
3	☐	2500.000	2928.896	194826.43	1.4870	P	1.6
4	☐	6250.000	7221.329	474036.81	3.6568	P	0.3
5	☐	12500.000	14402.328	922984.36	7.2867	P	1.0
6	☐	25000.000	26809.580	1713464.47	13.5585	A	1.1
7	☐	50000.000	56380.991	3477118.77	28.5066	A	7.0
8	☐	250000.00	248419.15	16029364.62	125.5806	A	1.0

y = 5.0549E-004 * x + 0.0064
R = 0.9996
DL = 4.077
BEC = 12.75

Weight: <None>
Min Conc: 0

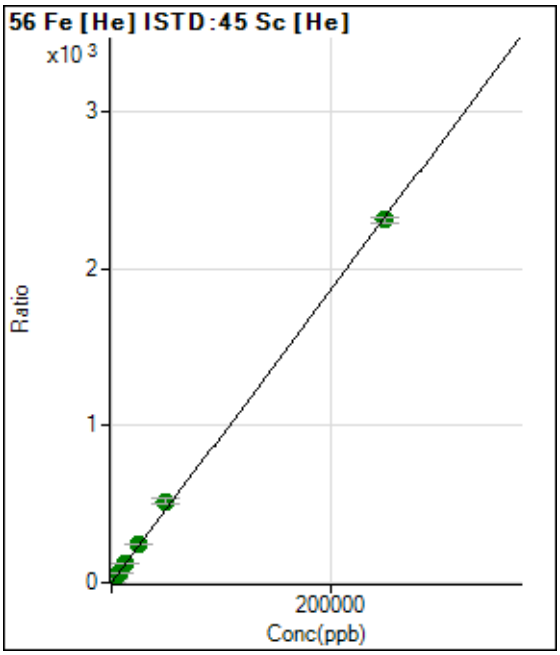
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.22	0.0007	P	4.7
2	☐	1.000	0.978	1218.95	0.0093	P	4.4
3	☐	500.000	507.417	585919.55	4.4719	P	1.4
4	☐	1250.000	1214.558	1387424.25	10.7030	A	0.8
5	☐	2500.000	2441.806	2725602.84	21.5171	A	1.0
6	☐	5000.000	4813.642	5360525.96	42.4171	A	0.5
7	☐	10000.000	10111.787	10866742.06	89.1028	A	7.4
8	☐			5801.17	0.0454	P	1.3

y = 0.0088 * x + 6.5319E-004
R = 0.9997
DL = 0.01038
BEC = 0.07413

Weight: <None>
Min Conc: 0

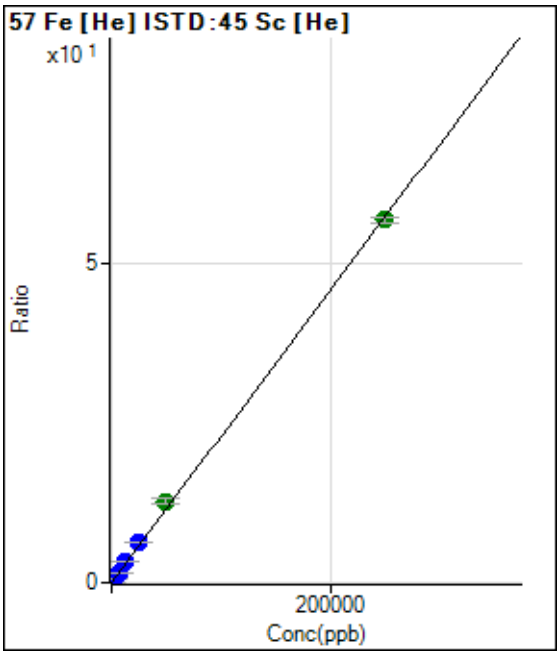


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4445.14	0.0353	P	1.0
2	☐	50.000	56.872	74064.38	0.5635	P	1.0
3	☐	2500.000	2694.175	3282784.43	25.0547	A	1.3
4	☐	6250.000	6729.578	8105899.81	62.5292	A	0.8
5	☐	12500.000	13335.615	15690970.05	123.8758	A	0.9
6	☐	25000.000	26378.100	30961456.20	244.9941	A	0.3
7	☐	50000.000	55608.997	62995862.95	516.4453	A	7.0
8	☐	250000.00	248684.67	294770055.6	2,309.432	A	1.7

y = 0.0093 * x + 0.0353
R = 0.9997
DL = 0.1089
BEC = 3.806

Weight: <None>
Min Conc: 0

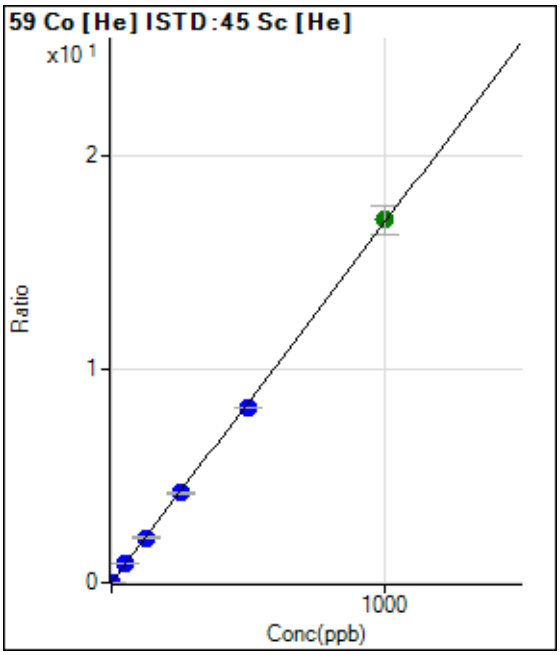
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	570.93	0.0045	P	2.2
2	☐	50.000	56.652	2298.67	0.0175	P	0.8
3	☐	2500.000	2863.185	86324.41	0.6588	P	0.7
4	☐	6250.000	7111.524	211241.44	1.6296	P	0.5
5	☐	12500.000	14174.358	410824.30	3.2435	P	1.3
6	☐	25000.000	27854.965	804946.05	6.3695	P	0.9
7	☐	50000.000	55599.370	1550466.80	12.7093	A	6.7
8	☐	250000.00	248485.74	7247805.38	56.7847	A	1.5

y = 2.2850E-004 * x + 0.0045
R = 0.9997
DL = 1.32
BEC = 19.87

Weight: <None>
Min Conc: 0

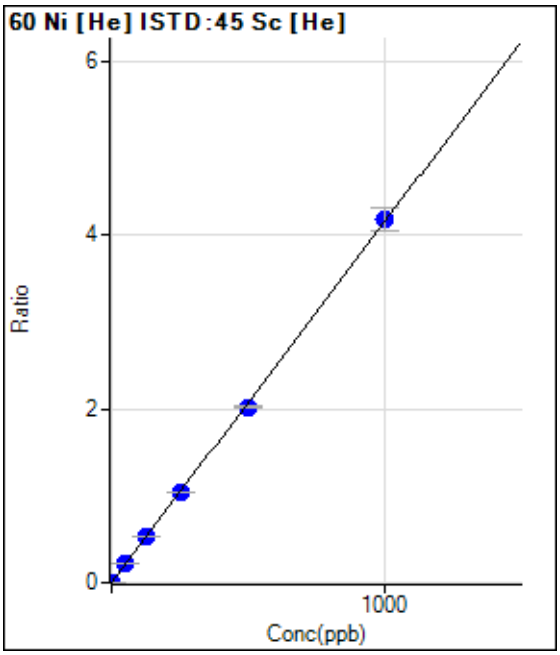


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0001	P	47.6
2	☐	1.000	1.043	2324.64	0.0177	P	3.6
3	☐	50.000	51.013	112743.61	0.8605	P	1.0
4	☐	125.000	125.278	273906.26	2.1130	P	0.7
5	☐	250.000	248.864	531650.91	4.1973	P	1.2
6	☐	500.000	485.548	1034906.57	8.1891	P	0.2
7	☐	1000.000	1007.425	2071870.04	16.9908	A	7.7
8	☐			5369.89	0.0421	P	1.9

y = 0.0169 * x + 1.0469E-004
R = 0.9998
DL = 0.008856
BEC = 0.006207

Weight: <None>
Min Conc: 0

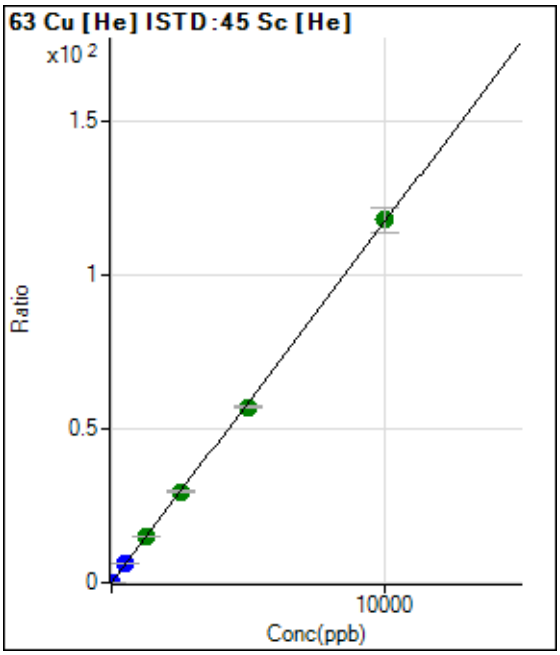
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0004	P	12.5
2	☐	1.000	1.017	613.35	0.0047	P	3.8
3	☐	50.000	52.529	28603.97	0.2183	P	2.8
4	☐	125.000	126.195	67913.89	0.5239	P	1.1
5	☐	250.000	251.718	132312.77	1.0445	P	0.5
6	☐	500.000	487.434	255566.83	2.0223	P	0.4
7	☐	1000.000	1005.578	508936.76	4.1715	P	6.5
8	☐			1922.37	0.0151	P	5.4

y = 0.0041 * x + 4.4849E-004
R = 0.9999
DL = 0.04045
BEC = 0.1081

Weight: <None>
Min Conc: 0

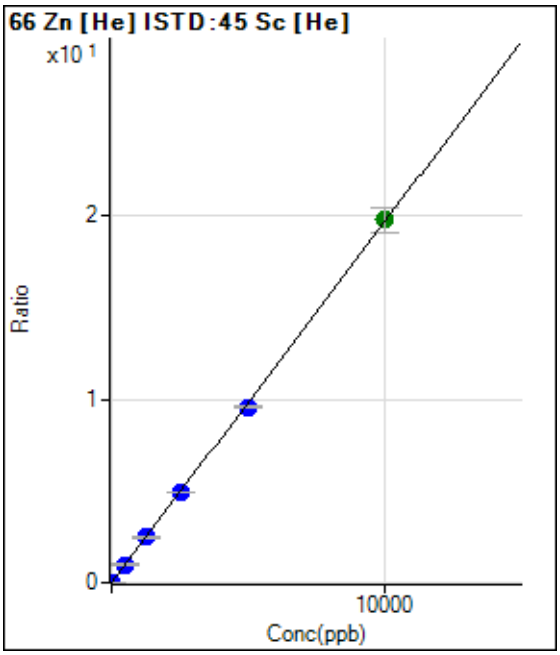


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	544.46	0.0043	P	1.4
2	☐	2.000	1.945	3563.80	0.0271	P	1.9
3	☐	500.000	516.283	793019.97	6.0525	P	1.4
4	☐	1250.000	1274.155	1935512.80	14.9308	A	0.5
5	☐	2500.000	2514.849	3732116.20	29.4654	A	1.5
6	☐	5000.000	4859.559	7194828.37	56.9333	A	1.3
7	☐	10000.000	10062.675	14381484.79	117.8869	A	6.7
8	☐			3308.17	0.0259	P	3.5

y = 0.0117 * x + 0.0043
R = 0.9998
DL = 0.01586
BEC = 0.3694

Weight: <None>
Min Conc: 0

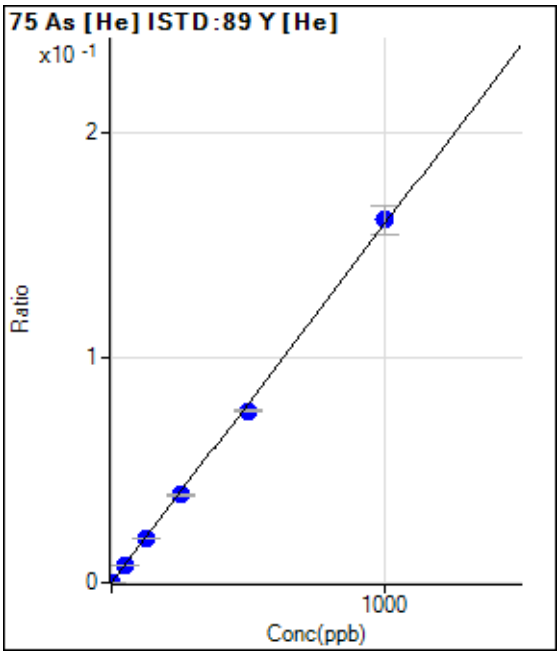
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.34	0.0006	P	34.3
2	☐	2.000	5.186	1418.97	0.0108	P	5.4
3	☐	500.000	504.749	130212.59	0.9939	P	2.2
4	☐	1250.000	1254.211	320026.83	2.4687	P	0.3
5	☐	2500.000	2505.769	624678.88	4.9316	P	0.7
6	☐	5000.000	4875.497	1212570.67	9.5949	P	0.3
7	☐	10000.000	10060.045	2415177.79	19.7975	A	6.7
8	☐			904.48	0.0071	P	3.7

y = 0.0020 * x + 5.8993E-004
R = 0.9999
DL = 0.3083
BEC = 0.2998

Weight: <None>
Min Conc: 0

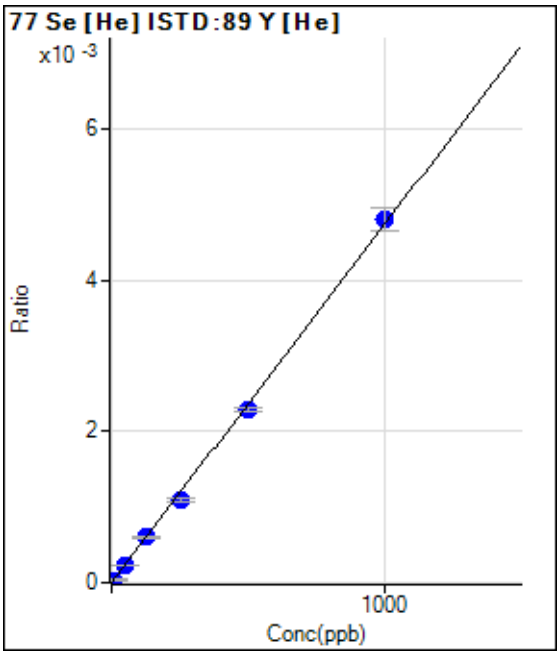


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.9
2	☐	1.000	1.083	203.33	0.0002	P	20.7
3	☐	50.000	48.610	9079.51	0.0078	P	0.2
4	☐	125.000	122.340	22582.83	0.0195	P	0.1
5	☐	250.000	244.153	44251.30	0.0389	P	1.4
6	☐	500.000	479.554	87362.64	0.0765	P	1.2
7	☐	1000.000	1012.086	176299.67	0.1614	P	7.6
8	☐			101.11	0.0001	P	25.1

y = 1.5949E-004 * x + 2.0302E-006
R = 0.9997
DL = 0.03319
BEC = 0.01273

Weight: <None>
Min Conc: 0

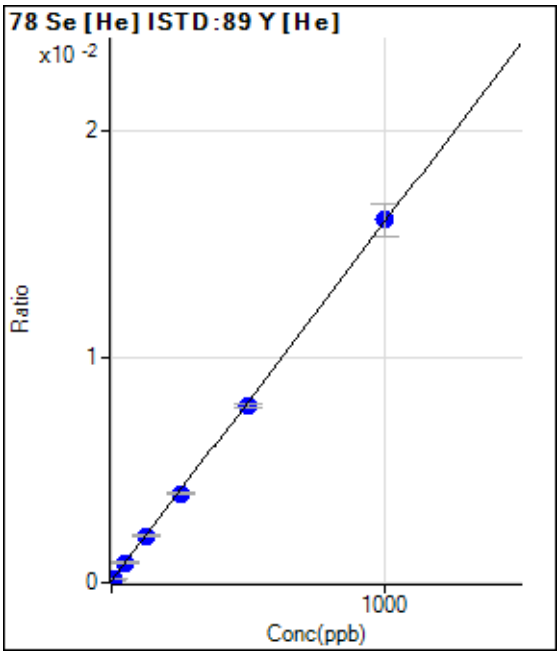
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.447	41.11	0.0000	P	25.8
3	☐	50.000	49.446	274.45	0.0002	P	6.2
4	☐	125.000	126.367	693.36	0.0006	P	1.6
5	☐	250.000	233.243	1256.73	0.0011	P	4.5
6	☐	500.000	482.021	2610.25	0.0023	P	1.8
7	☐	1000.000	1013.023	5253.20	0.0048	P	6.5
8	☐			0.00	0.0000	P	

y = 4.7409E-006 * x + 0.0000E+000
R = 0.9996
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

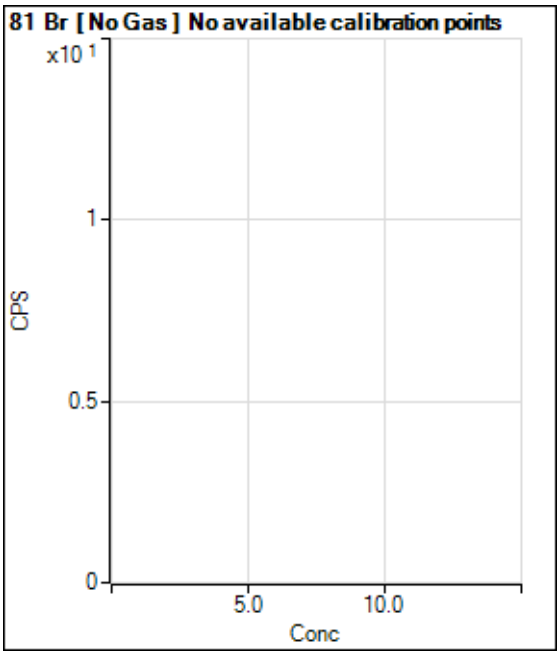


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0001	P	26.2
2	☐	5.000	5.936	204.45	0.0002	P	18.8
3	☐	50.000	50.812	1041.16	0.0009	P	3.8
4	☐	125.000	125.711	2406.89	0.0021	P	3.9
5	☐	250.000	243.968	4500.73	0.0040	P	1.7
6	☐	500.000	489.765	8989.47	0.0079	P	2.6
7	☐	1000.000	1006.491	17554.91	0.0161	P	9.2
8	☐			90.00	0.0001	P	20.7

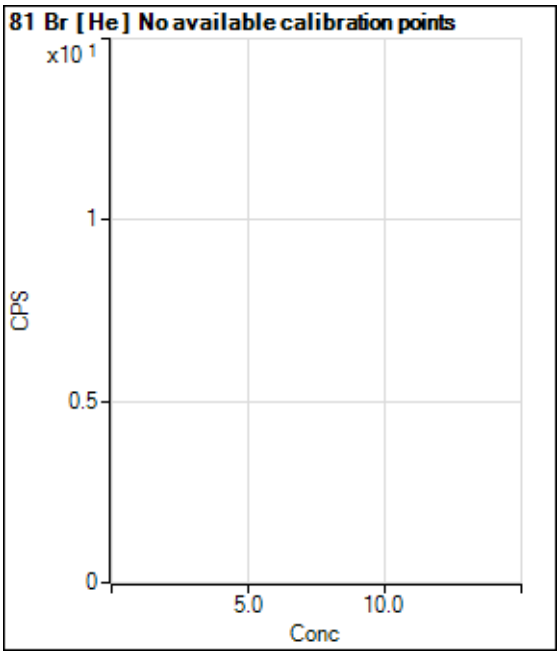
y = 1.5902E-005 * x + 8.1237E-005
R = 0.9999
DL = 4.01
BEC = 5.109

Weight: <None>
Min Conc: 0

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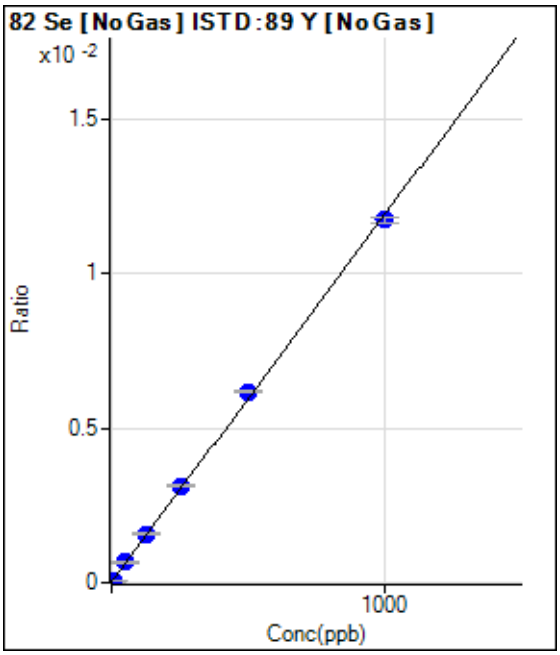


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6632.67		P	1.3
2	☐			6385.89		P	2.1
3	☐			6500.37		P	1.2
4	☐			6301.41		P	0.8
5	☐			6361.43		P	1.4
6	☐			6198.02		P	2.4
7	☐			6010.17		P	0.3
8	☐			6356.98		P	1.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			37.78		P	48.6
2	☐			36.67		P	32.8
3	☐			36.67		P	18.2
4	☐			28.89		P	29.0
5	☐			34.44		P	43.6
6	☐			26.67		P	66.2
7	☐			43.34		P	48.0
8	☐			34.44		P	24.3

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.57	0.0000	P	23.8
2	☐	5.000	5.394	395.20	0.0001	P	5.9
3	☐	50.000	53.622	3068.49	0.0007	P	1.9
4	☐	125.000	131.404	7389.67	0.0016	P	1.9
5	☐	250.000	262.597	14410.96	0.0031	P	2.1
6	☐	500.000	518.789	28140.45	0.0062	P	1.5
7	☐	1000.000	986.473	55581.24	0.0118	P	1.3
8	☐			183.09	0.0000	P	19.7

y = 1.1894E-005 * x + 1.9590E-005

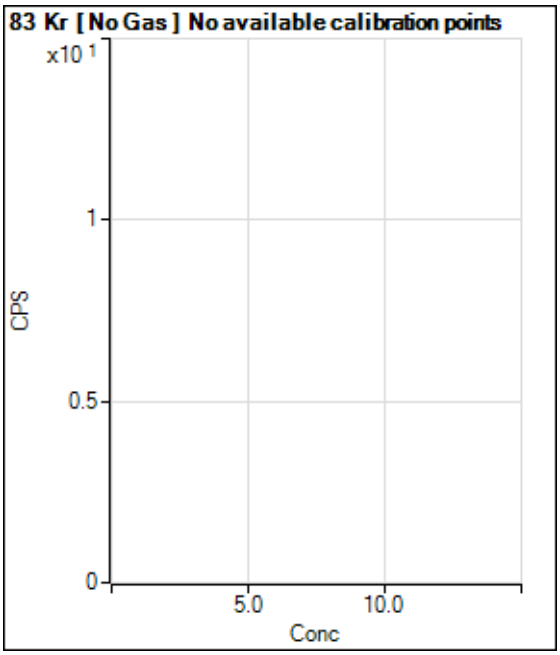
R = 0.9996

DL = 1.176

BEC = 1.647

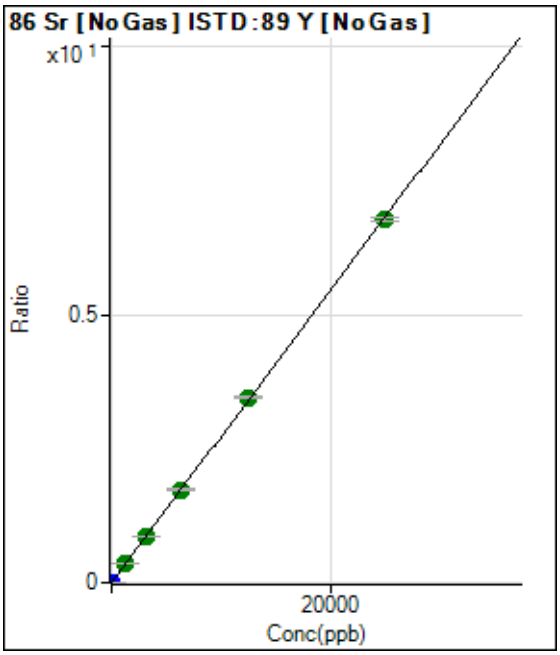
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			83.33		P	10.6
2	☐			67.78		P	14.2
3	☐			68.89		P	11.2
4	☐			67.78		P	28.8
5	☐			50.00		P	29.1
6	☐			67.78		P	17.3
7	☐			74.44		P	17.0
8	☐			81.11		P	4.7

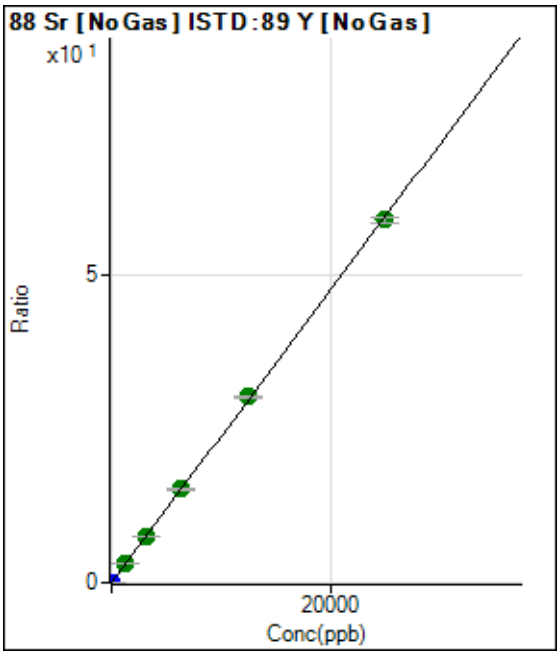
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	5.7
2	☐	1.000	1.054	1474.53	0.0003	P	4.1
3	☐	1250.000	1304.327	1656848.74	0.3550	A	1.8
4	☐	3125.000	3175.605	4035164.70	0.8642	A	1.9
5	☐	6250.000	6381.479	7962320.71	1.7365	A	1.8
6	☐	12500.000	12674.830	15680251.99	3.4490	A	0.7
7	☐	25000.000	24870.674	32006184.80	6.7677	A	1.1
8	☐			4994.23	0.0011	P	6.7

y = 2.7211E-004 * x + 2.5691E-005
R = 0.9999
DL = 0.01605
BEC = 0.09441

Weight: <None>
Min Conc: 0

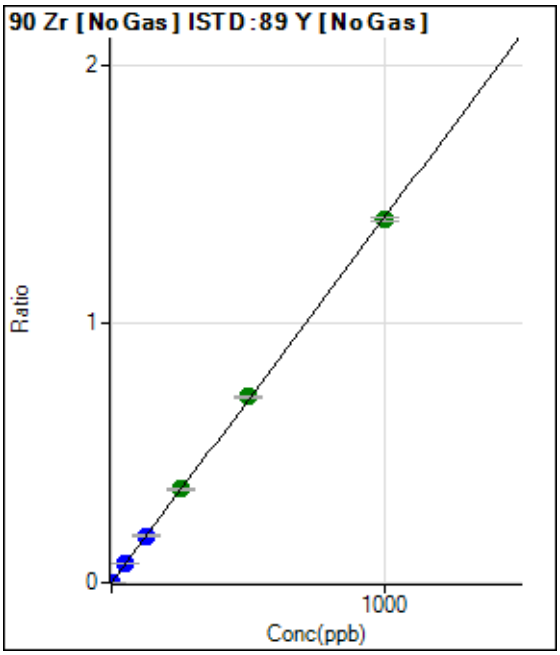


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0000	P	19.6
2	☐	1.000	1.035	11702.54	0.0025	P	0.3
3	☐	1250.000	1286.094	14277308.54	3.0586	A	1.5
4	☐	3125.000	3174.488	35253965.03	7.5496	A	1.0
5	☐	6250.000	6395.303	69741855.63	15.2094	A	0.9
6	☐	12500.000	12731.620	137650696.8	30.2784	A	1.0
7	☐	25000.000	24839.873	279375858.0	59.0743	A	1.3
8	☐			43971.29	0.0098	P	6.4

y = 0.0024 * x + 1.9268E-005
R = 0.9999
DL = 0.004764
BEC = 0.008102

Weight: <None>
Min Conc: 0

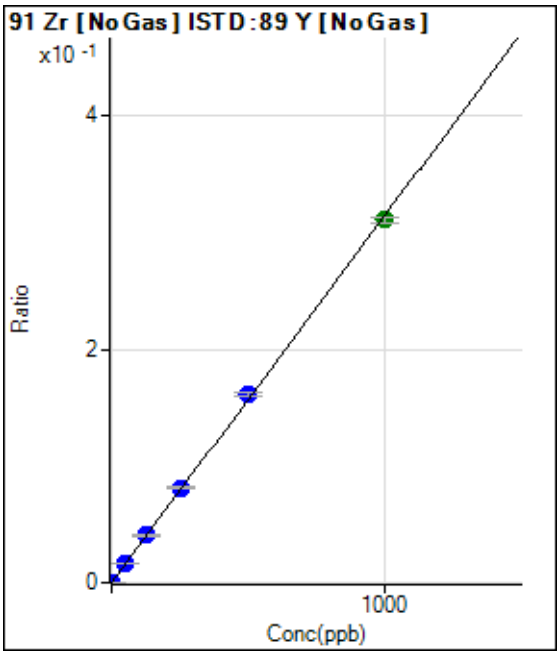
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	153.34	0.0000	P	20.3
2	☐	1.000	0.979	6672.69	0.0014	P	1.0
3	☐	50.000	51.540	339509.41	0.0727	P	1.3
4	☐	125.000	128.259	844939.98	0.1809	P	1.2
5	☐	250.000	255.422	1652147.14	0.3603	A	1.7
6	☐	500.000	509.737	3268884.18	0.7190	A	0.8
7	☐	1000.000	993.291	6626244.55	1.4011	A	1.0
8	☐			4058.41	0.0009	P	5.7

y = 0.0014 * x + 3.2841E-005
R = 0.9999
DL = 0.01418
BEC = 0.02328

Weight: <None>
Min Conc: 0

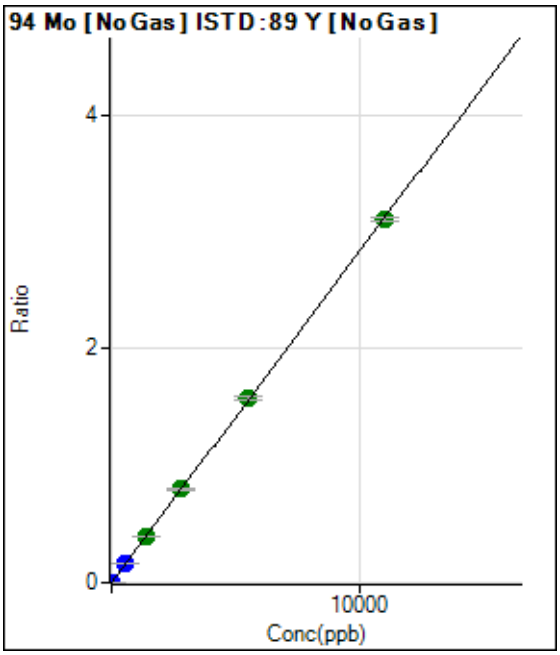


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	24.6
2	☐	1.000	1.043	1575.66	0.0003	P	9.6
3	☐	50.000	51.675	75764.18	0.0162	P	1.9
4	☐	125.000	128.602	188580.09	0.0404	P	1.1
5	☐	250.000	258.230	371795.29	0.0811	P	1.4
6	☐	500.000	515.409	735672.70	0.1618	P	1.6
7	☐	1000.000	989.704	1469541.78	0.3107	A	1.8
8	☐			918.93	0.0002	P	9.9

y = 3.1397E-004 * x + 6.6595E-006
R = 0.9998
DL = 0.01567
BEC = 0.02121

Weight: <None>
Min Conc: 0

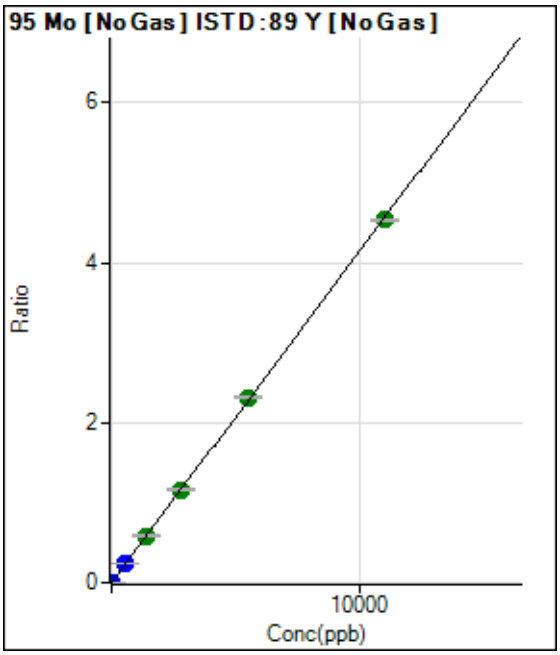
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0000	P	10.8
2	☐	5.000	6.020	8117.88	0.0017	P	2.0
3	☐	550.000	569.061	752748.14	0.1613	P	1.2
4	☐	1375.000	1409.389	1864871.05	0.3994	A	1.1
5	☐	2750.000	2832.691	3680447.06	0.8027	A	1.5
6	☐	5500.000	5570.951	7175877.88	1.5785	A	1.7
7	☐	11000.000	10938.599	14658173.67	3.0994	A	1.0
8	☐			3680.50	0.0008	P	7.5

y = 2.8335E-004 * x + 1.4743E-005
R = 0.9999
DL = 0.01686
BEC = 0.05203

Weight: <None>
Min Conc: 0

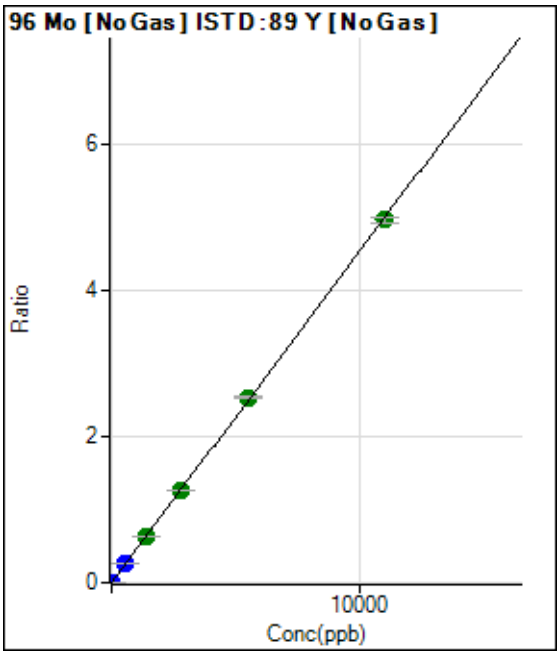


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18.89	0.0000	P	26.6
2	☐	5.000	5.009	9816.72	0.0021	P	2.7
3	☐	550.000	567.157	1097564.40	0.2351	P	1.2
4	☐	1375.000	1418.108	2745215.76	0.5879	A	1.4
5	☐	2750.000	2798.999	5320663.64	1.1604	A	1.7
6	☐	5500.000	5588.005	10531519.91	2.3166	A	1.0
7	☐	11000.000	10937.502	21444151.07	4.5343	A	0.8
8	☐			3920.75	0.0009	P	6.2

y = 4.1456E-004 * x + 4.0402E-006
R = 0.9999
DL = 0.007778
BEC = 0.009746

Weight: <None>
Min Conc: 0

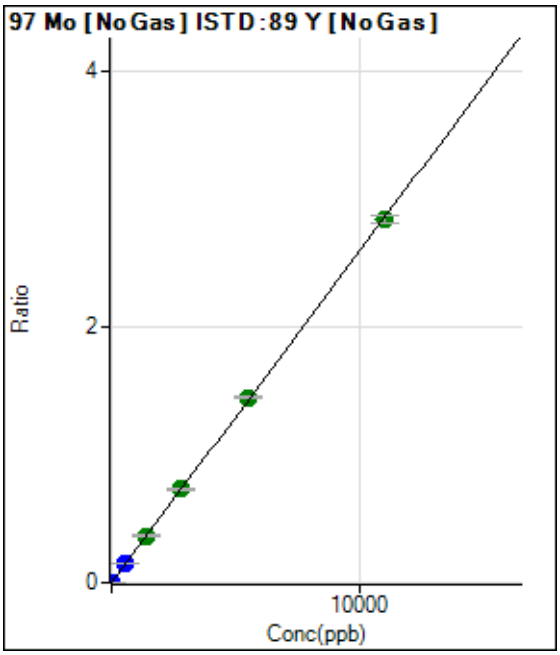
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	53.3
2	☐	5.000	5.141	11020.90	0.0023	P	3.5
3	☐	550.000	565.770	1196352.73	0.2563	P	0.9
4	☐	1375.000	1396.319	2953552.73	0.6325	A	0.9
5	☐	2750.000	2775.252	5764463.25	1.2571	A	0.7
6	☐	5500.000	5596.565	11523893.72	2.5351	A	2.0
7	☐	11000.000	10941.951	23439394.09	4.9564	A	1.6
8	☐			7840.47	0.0018	P	15.4

y = 4.5297E-004 * x + 7.1454E-006
R = 0.9999
DL = 0.02524
BEC = 0.01577

Weight: <None>
Min Conc: 0

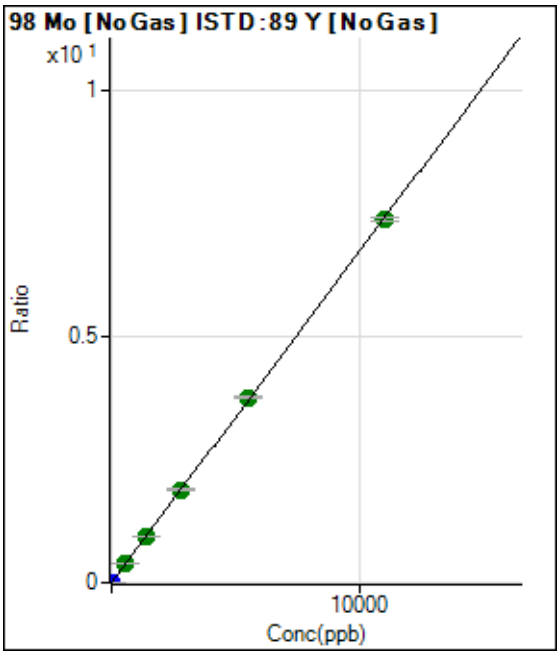


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	5.000	5.106	6249.17	0.0013	P	2.3
3	☐	550.000	573.728	694150.79	0.1487	P	1.0
4	☐	1375.000	1407.436	1703336.31	0.3648	A	2.3
5	☐	2750.000	2817.654	3348797.45	0.7303	A	0.8
6	☐	5500.000	5588.836	6584877.26	1.4485	A	1.9
7	☐	11000.000	10933.427	13400840.91	2.8338	A	2.2
8	☐			3352.10	0.0007	P	58.0

y = 2.5918E-004 * x + 9.5146E-007
R = 0.9999
DL = 0.0126
BEC = 0.003671

Weight: <None>
Min Conc: 0

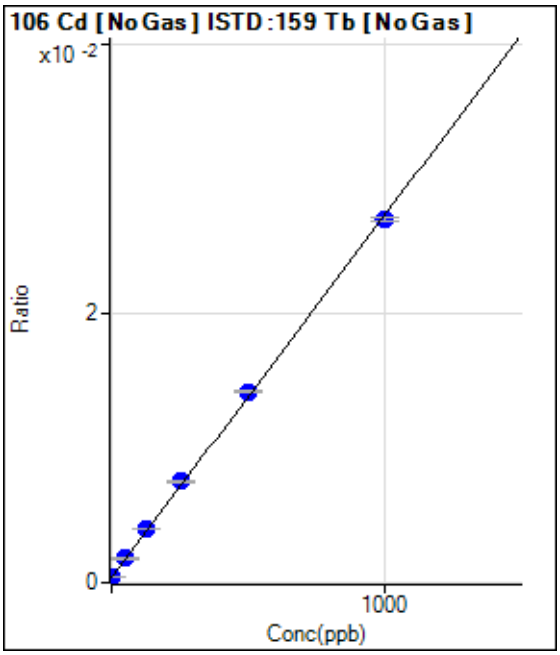
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0000	P	20.6
2	☐	5.000	5.098	16205.71	0.0034	P	0.7
3	☐	550.000	564.643	1772956.81	0.3798	A	1.8
4	☐	1375.000	1395.553	4383522.89	0.9388	A	1.8
5	☐	2750.000	2809.078	8664640.08	1.8896	A	0.9
6	☐	5500.000	5588.310	17089113.63	3.7591	A	1.7
7	☐	11000.000	10937.774	34796436.15	7.3575	A	0.9
8	☐			8605.85	0.0019	P	61.5

y = 6.7267E-004 * x + 5.2314E-006
R = 0.9999
DL = 0.004808
BEC = 0.007777

Weight: <None>
Min Conc: 0

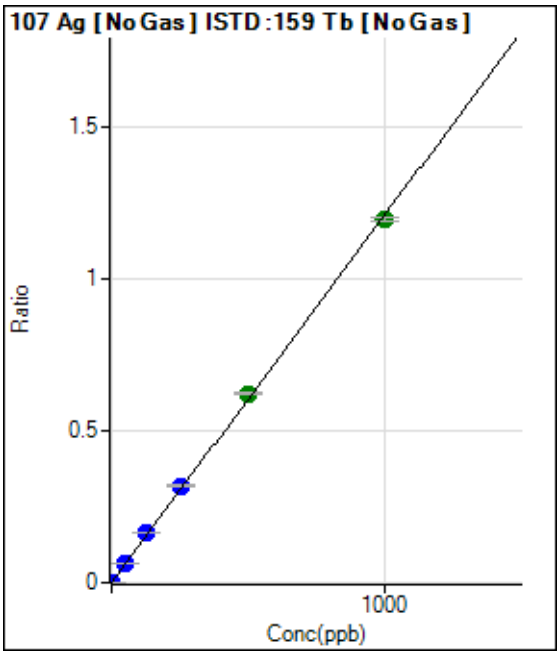


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1370.08	0.0004	P	2.5
2	☐	1.000	1.197	1507.87	0.0004	P	7.1
3	☐	50.000	53.052	6826.10	0.0018	P	1.6
4	☐	125.000	134.759	15248.11	0.0040	P	1.2
5	☐	250.000	265.317	28549.22	0.0075	P	0.2
6	☐	500.000	513.848	54835.19	0.0142	P	1.2
7	☐	1000.000	987.874	107903.65	0.0270	P	0.9
8	☐			1484.54	0.0004	P	5.7

y = 2.6960E-005 * x + 3.6677E-004
R = 0.9997
DL = 1.022
BEC = 13.6

Weight: <None>
Min Conc: 0

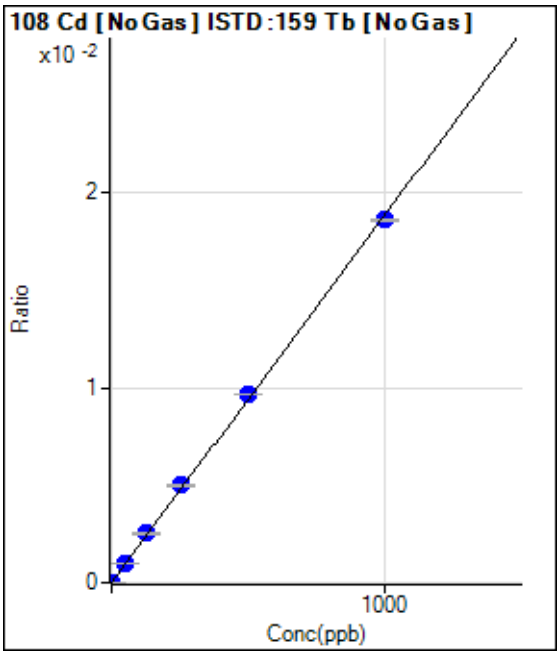
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	26.67	0.0000	P	55.5
2	☐	1.000	1.002	4607.44	0.0012	P	0.8
3	☐	50.000	54.617	251186.04	0.0661	P	1.0
4	☐	125.000	133.965	618299.39	0.1622	P	0.4
5	☐	250.000	263.892	1212891.20	0.3195	P	1.1
6	☐	500.000	514.954	2404030.83	0.6234	A	0.7
7	☐	1000.000	987.699	4778714.06	1.1958	A	1.2
8	☐			1074.01	0.0003	P	74.3

y = 0.0012 * x + 7.1634E-006
R = 0.9997
DL = 0.00986
BEC = 0.005917

Weight: <None>
Min Conc: 0

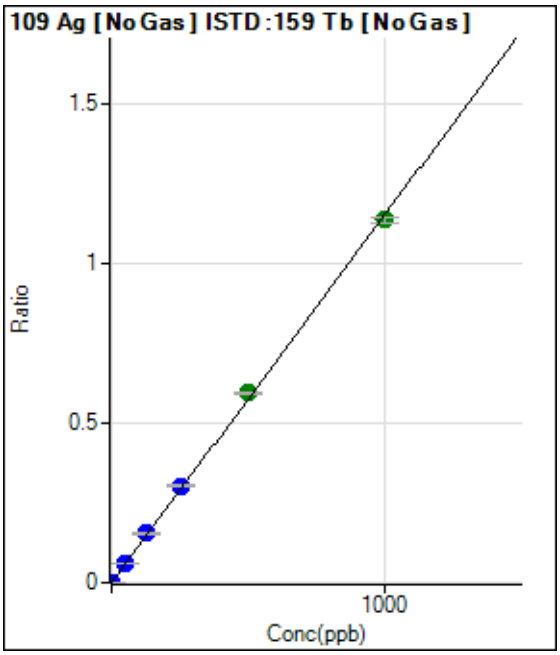


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	1.000	1.409	104.44	0.0000	P	12.5
3	☐	50.000	52.934	3786.09	0.0010	P	2.3
4	☐	125.000	135.123	9691.08	0.0025	P	3.7
5	☐	250.000	265.685	18976.92	0.0050	P	1.1
6	☐	500.000	512.275	37159.77	0.0096	P	0.3
7	☐	1000.000	988.529	74313.44	0.0186	P	0.3
8	☐			54.44	0.0000	P	24.8

y = 1.8809E-005 * x + 1.1829E-006
R = 0.9997
DL = 0.2163
BEC = 0.06289

Weight: <None>
Min Conc: 0

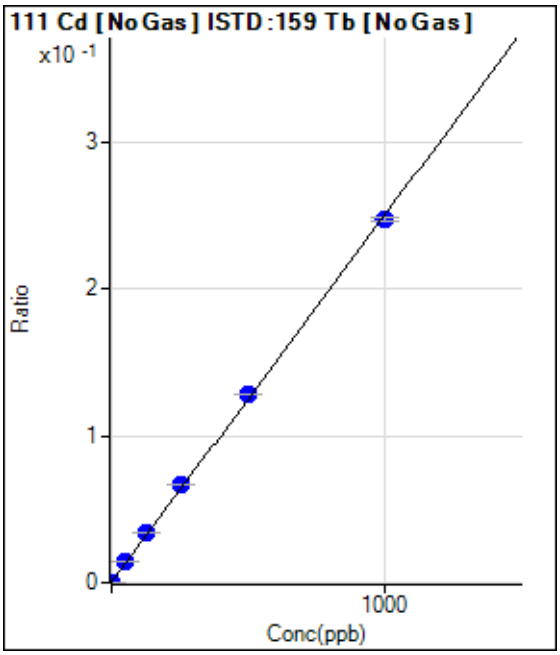
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	32.6
2	☐	1.000	1.060	4616.33	0.0012	P	1.4
3	☐	50.000	54.423	237790.28	0.0626	P	1.5
4	☐	125.000	133.911	587194.71	0.1540	P	0.8
5	☐	250.000	263.409	1150296.32	0.3030	P	0.9
6	☐	500.000	516.008	2288757.14	0.5935	A	1.3
7	☐	1000.000	987.309	4538527.81	1.1357	A	1.6
8	☐			771.29	0.0002	P	54.7

y = 0.0012 * x + 3.2787E-006
R = 0.9997
DL = 0.002787
BEC = 0.00285

Weight: <None>
Min Conc: 0

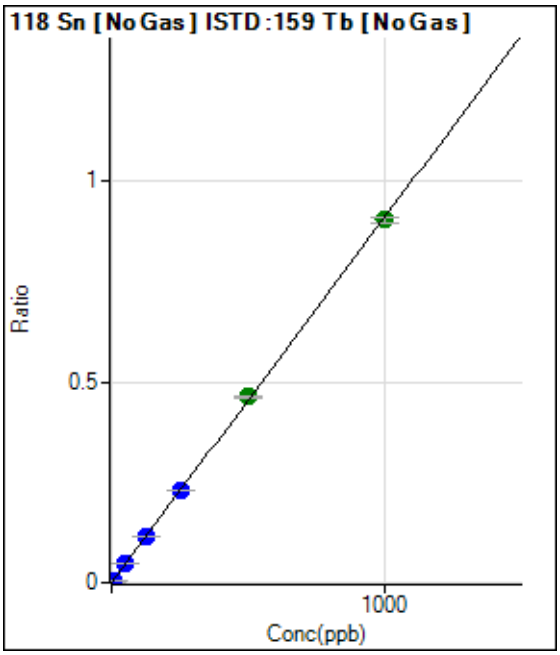


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	955.94	0.0003	P	2.6
2	☐	1.000	1.160	2062.45	0.0005	P	8.2
3	☐	50.000	54.600	52809.55	0.0139	P	1.8
4	☐	125.000	134.835	129455.98	0.0340	P	0.4
5	☐	250.000	266.941	254270.35	0.0670	P	1.4
6	☐	500.000	512.458	494926.21	0.1283	P	0.2
7	☐	1000.000	988.076	988031.65	0.2472	P	1.0
8	☐			1225.52	0.0003	P	10.0

y = 2.4995E-004 * x + 2.5591E-004
R = 0.9997
DL = 0.0791
BEC = 1.024

Weight: <None>
Min Conc: 0

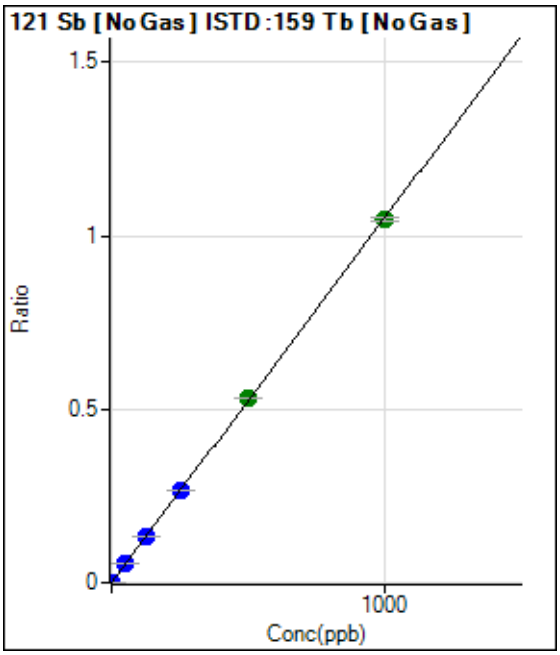
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	785.60	0.0002	P	10.2
2	☐	5.000	5.009	17976.29	0.0048	P	1.9
3	☐	50.000	51.744	179349.84	0.0472	P	1.6
4	☐	125.000	128.255	444972.87	0.1167	P	0.6
5	☐	250.000	252.936	873175.46	0.2300	P	0.6
6	☐	500.000	510.075	1787720.87	0.4636	A	0.8
7	☐	1000.000	993.734	3608686.78	0.9030	A	1.4
8	☐			2052.32	0.0005	P	7.9

y = 9.0847E-004 * x + 2.1041E-004
R = 0.9999
DL = 0.07101
BEC = 0.2316

Weight: <None>
Min Conc: 0

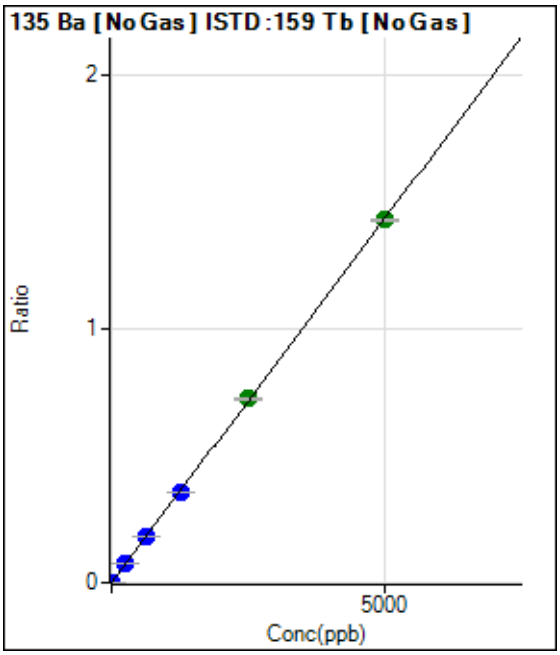


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	52.4
2	☐	2.000	2.071	8233.53	0.0022	P	1.7
3	☐	50.000	51.126	204075.24	0.0537	P	1.0
4	☐	125.000	126.860	508165.75	0.1333	P	0.7
5	☐	250.000	254.219	1014128.41	0.2671	P	1.1
6	☐	500.000	506.433	2052063.28	0.5321	A	0.8
7	☐	1000.000	995.439	4180128.69	1.0460	A	1.0
8	☐			3139.32	0.0008	P	5.8

y = 0.0011 * x + 4.4463E-006
R = 1.0000
DL = 0.00665
BEC = 0.004232

Weight: <None>
Min Conc: 0

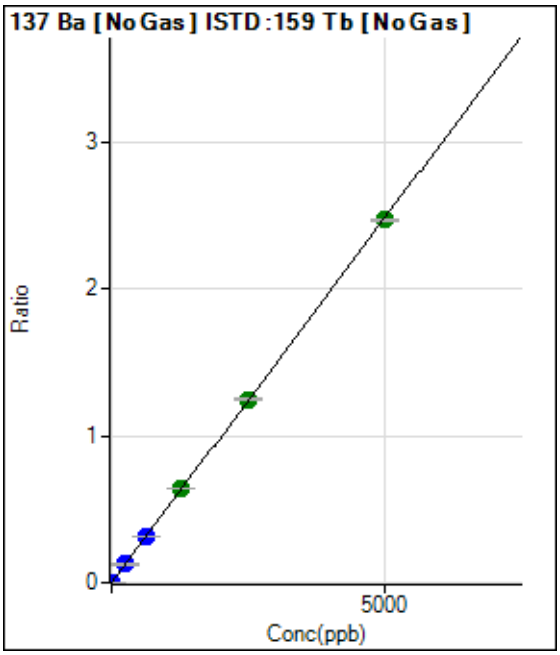
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0000	P	11.5
2	☐	10.000	9.625	10440.58	0.0028	P	1.0
3	☐	250.000	253.598	276286.02	0.0727	P	1.3
4	☐	625.000	625.739	684145.76	0.1795	P	0.9
5	☐	1250.000	1241.190	1351479.88	0.3560	P	0.7
6	☐	2500.000	2527.226	2795035.62	0.7248	A	0.7
7	☐	5000.000	4988.318	5717707.35	1.4307	A	0.7
8	☐			2222.52	0.0006	P	9.1

y = 2.8681E-004 * x + 4.1610E-006
R = 1.0000
DL = 0.005006
BEC = 0.01451

Weight: <None>
Min Conc: 0

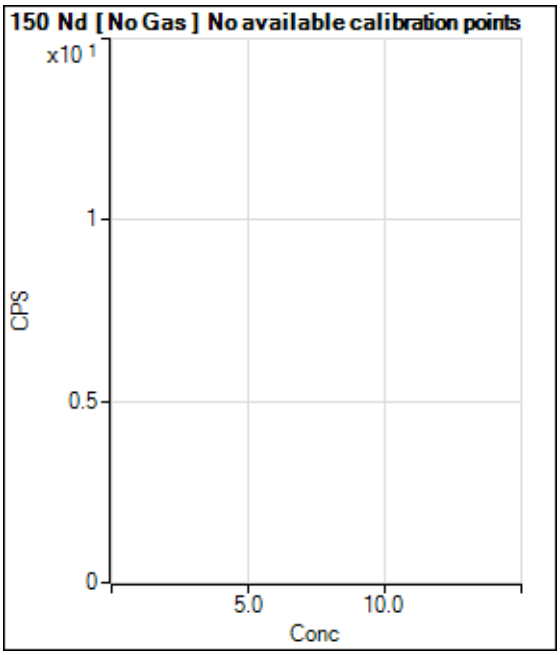


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	16.2
2	☐	10.000	9.713	18245.12	0.0048	P	2.8
3	☐	250.000	251.741	474955.60	0.1250	P	1.2
4	☐	625.000	623.083	1179752.48	0.3095	P	0.6
5	☐	1250.000	1297.237	2446078.57	0.6443	A	0.7
6	☐	2500.000	2518.043	4822620.83	1.2506	A	1.1
7	☐	5000.000	4979.323	9883538.32	2.4731	A	0.9
8	☐			3721.73	0.0010	P	7.7

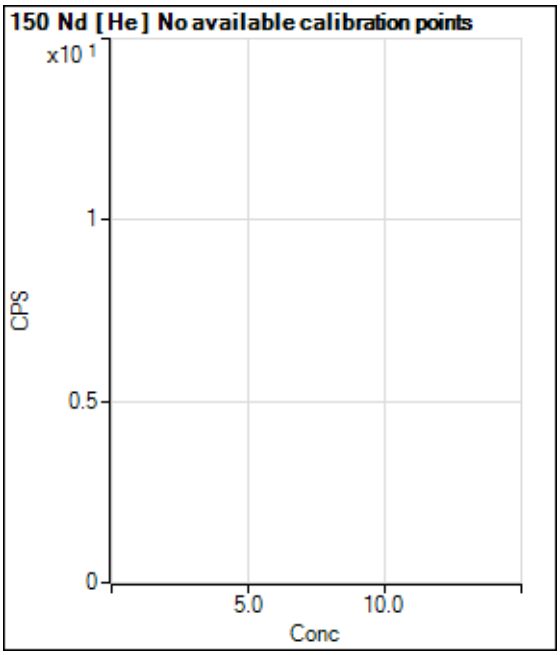
y = 4.9667E-004 * x + 8.3272E-006
R = 0.9999
DL = 0.008125
BEC = 0.01677

Weight: <None>
Min Conc: 0

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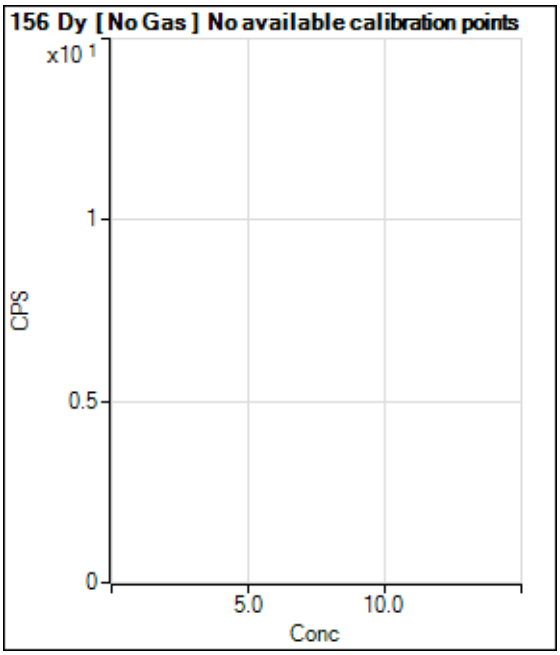


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			26.67		P	54.5
4	☐			43.33		P	20.3
5	☐			113.33		P	15.6
6	☐			198.89		P	5.1
7	☐			428.90		P	10.1
8	☐			81.11		P	18.5

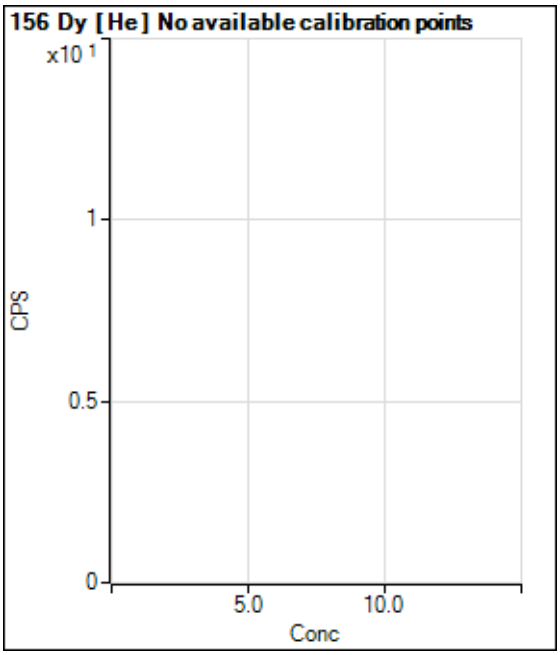


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			7.78		P	89.2
4	☐			12.22		P	68.7
5	☐			22.22		P	31.2
6	☐			36.67		P	18.2
7	☐			87.78		P	11.6
8	☐			45.56		P	18.4

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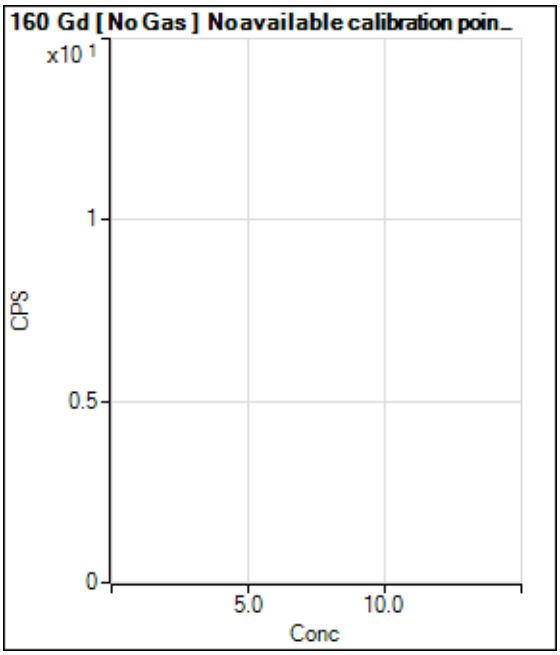


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			17.78		P	65.8
2	☐			11.11		P	96.4
3	☐			16.67		P	52.9
4	☐			27.78		P	84.3
5	☐			34.44		P	29.6
6	☐			54.45		P	12.7
7	☐			106.67		P	10.8
8	☐			173.34		P	6.9

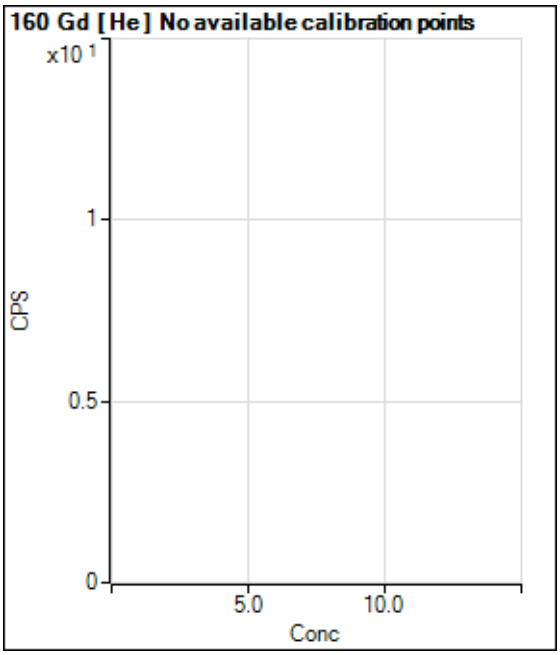


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.44		P	114.
2	☐			2.22		P	86.6
3	☐			21.11		P	36.5
4	☐			34.44		P	43.6
5	☐			65.56		P	21.2
6	☐			114.45		P	40.9
7	☐			246.67		P	17.7
8	☐			130.00		P	4.4

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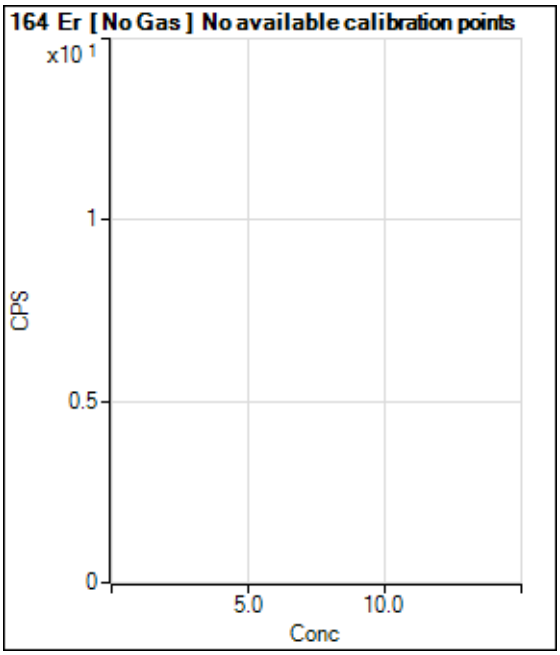


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			14.44		P	13.4
2	☐			13.33		P	86.6
3	☐			14.44		P	66.6
4	☐			20.00		P	44.1
5	☐			20.00		P	33.4
6	☐			23.33		P	14.3
7	☐			45.56		P	11.2
8	☐			141.11		P	7.2

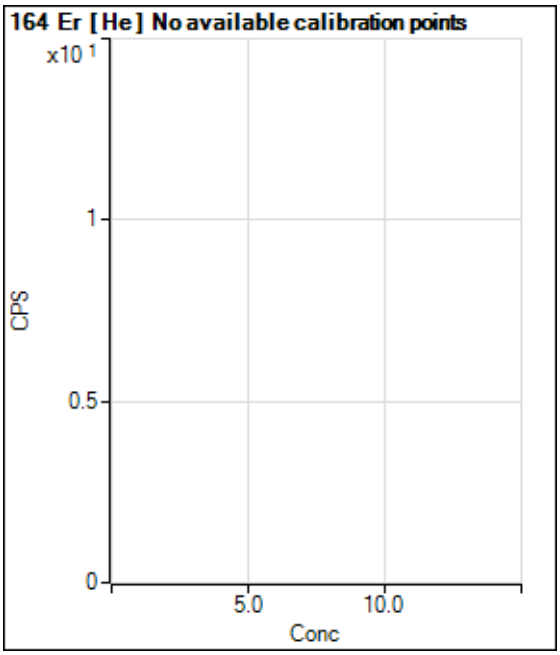


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			107.78		P	17.0
2	☐			116.67		P	12.5
3	☐			120.00		P	22.0
4	☐			101.11		P	8.3
5	☐			116.67		P	24.9
6	☐			118.89		P	10.6
7	☐			163.34		P	18.1
8	☐			195.56		P	14.3

Reviewed By:Mohan
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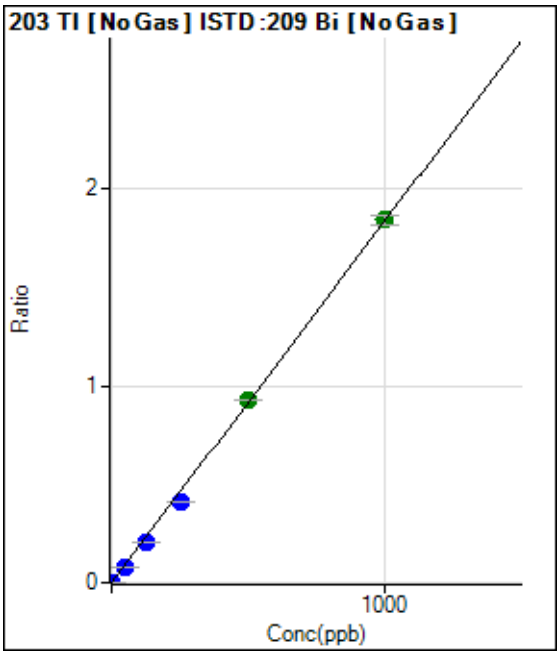


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			11.11		P	34.6
2	☐			8.89		P	21.6
3	☐			22.22		P	37.8
4	☐			30.00		P	22.2
5	☐			24.44		P	20.8
6	☐			30.00		P	48.4
7	☐			63.33		P	22.9
8	☐			157.78		P	24.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			5.55		P	124.
2	☐			11.11		P	17.3
3	☐			12.22		P	56.8
4	☐			14.44		P	35.3
5	☐			20.00		P	33.4
6	☐			17.78		P	60.3
7	☐			30.00		P	0.0
8	☐			148.89		P	12.3

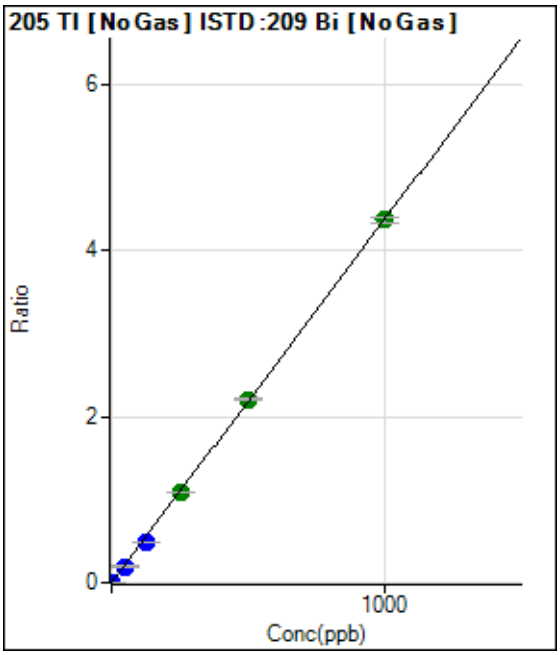
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	89.1
2	☐	1.000	0.886	3734.99	0.0016	P	2.3
3	☐	50.000	45.096	191353.16	0.0826	P	0.3
4	☐	125.000	112.792	481387.13	0.2066	P	0.8
5	☐	250.000	225.364	959546.26	0.4128	P	0.8
6	☐	500.000	506.146	2140505.47	0.9272	A	0.9
7	☐	1000.000	1004.857	4389842.30	1.8407	A	2.3
8	☐			464.46	0.0002	P	12.7

y = 0.0018 * x + 3.3781E-006
R = 0.9996
DL = 0.004928
BEC = 0.001844

Weight: <None>
Min Conc: 0

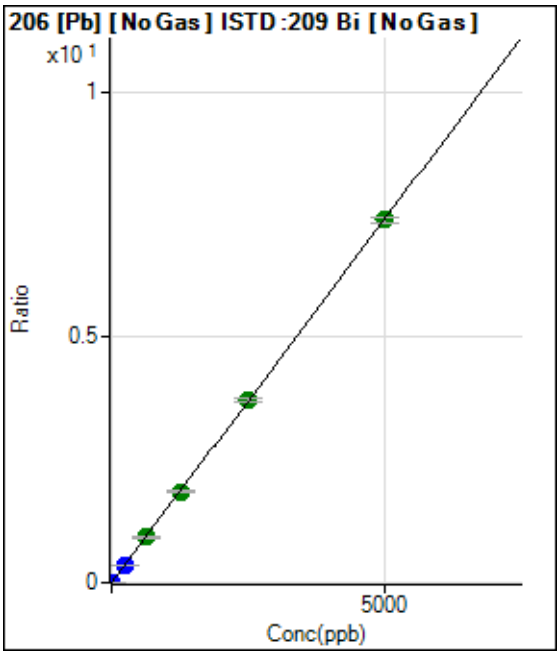


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	31.1
2	☐	1.000	0.882	8884.09	0.0039	P	3.8
3	☐	50.000	44.904	454664.07	0.1963	P	0.6
4	☐	125.000	112.543	1146106.99	0.4919	P	0.8
5	☐	250.000	249.251	2532338.26	1.0895	A	1.0
6	☐	500.000	505.387	5099741.42	2.2090	A	1.5
7	☐	1000.000	999.306	10417435.68	4.3679	A	1.9
8	☐			1143.44	0.0006	P	18.6

y = 0.0044 * x + 1.3510E-005
R = 0.9999
DL = 0.002883
BEC = 0.003091

Weight: <None>
Min Conc: 0

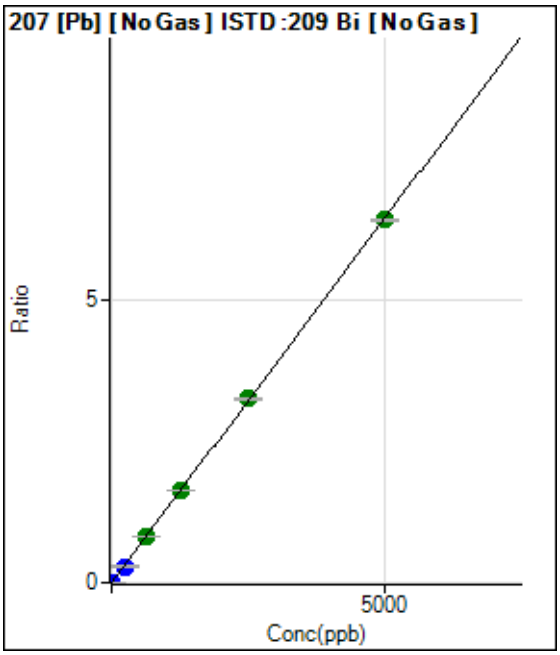
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0000	P	4.6
2	☐	1.000	0.890	3118.17	0.0014	P	2.1
3	☐	250.000	227.247	779160.68	0.3364	P	0.3
4	☐	625.000	622.874	2147936.10	0.9219	A	0.3
5	☐	1250.000	1251.830	4306510.94	1.8528	A	1.2
6	☐	2500.000	2516.097	8596777.30	3.7239	A	2.0
7	☐	5000.000	4992.897	17624968.21	7.3897	A	1.6
8	☐			3178.23	0.0015	P	11.9

y = 0.0015 * x + 4.0032E-005
R = 1.0000
DL = 0.003764
BEC = 0.02705

Weight: <None>
Min Conc: 0

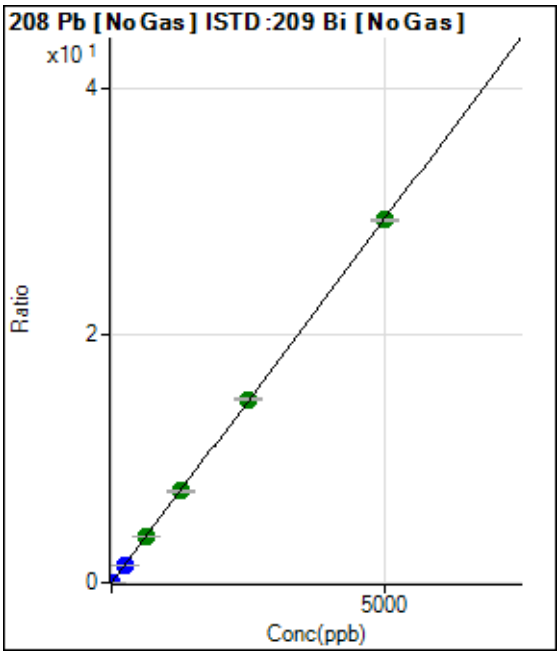


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	22.6
2	☐	1.000	0.906	2779.20	0.0012	P	4.4
3	☐	250.000	224.377	671291.26	0.2898	P	0.9
4	☐	625.000	627.170	1887153.60	0.8100	A	2.0
5	☐	1250.000	1269.041	3809552.79	1.6390	A	0.9
6	☐	2500.000	2525.522	7529696.76	3.2616	A	1.4
7	☐	5000.000	4983.488	15351119.63	6.4360	A	0.8
8	☐			2827.01	0.0014	P	5.5

y = 0.0013 * x + 4.1007E-005
R = 1.0000
DL = 0.02155
BEC = 0.03175

Weight: <None>
Min Conc: 0

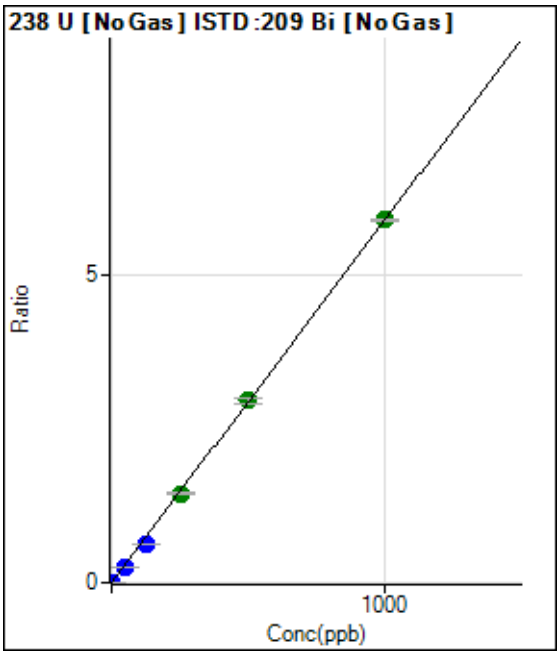
Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	395.56	0.0002	P	10.2
2	☐	1.000	0.907	12655.77	0.0055	P	0.5
3	☐	250.000	226.879	3092851.26	1.3352	P	0.7
4	☐	625.000	627.775	8607225.22	3.6943	A	0.8
5	☐	1250.000	1258.357	17211962.83	7.4050	A	0.9
6	☐	2500.000	2519.250	34224577.82	14.8248	A	1.2
7	☐	5000.000	4989.095	70027415.35	29.3587	A	0.7
8	☐			12580.39	0.0061	P	8.2

y = 0.0059 * x + 1.7169E-004
R = 1.0000
DL = 0.008931
BEC = 0.02918

Weight: <None>
Min Conc: 0

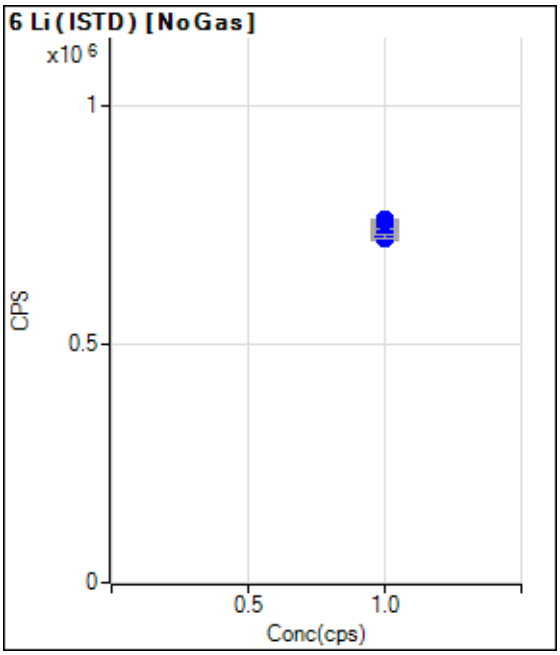


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.9
2	☐	1.000	0.831	11250.40	0.0049	P	1.9
3	☐	50.000	42.759	583659.93	0.2520	P	0.5
4	☐	125.000	107.873	1481071.24	0.6357	P	0.4
5	☐	250.000	246.482	3376055.02	1.4525	A	1.3
6	☐	500.000	502.857	6841336.22	2.9633	A	2.6
7	☐	1000.000	1001.954	14082997.15	5.9044	A	0.8
8	☐			727.83	0.0004	P	19.9

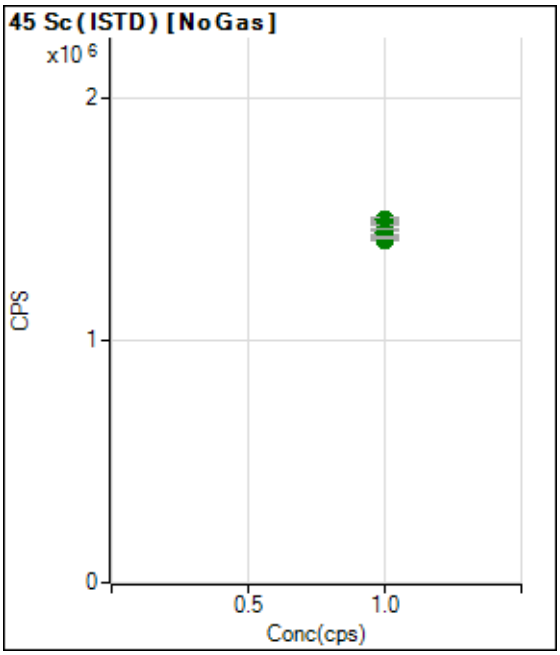
y = 0.0059 * x + 2.4131E-006
R = 0.9999
DL = 0.0004285
BEC = 0.0004095

Weight: <None>
Min Conc: 0

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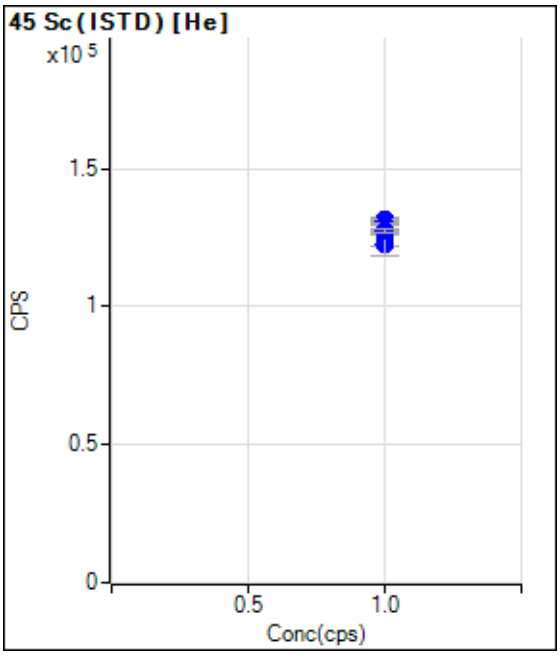


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1	☐	1.000		750434.34		P	0.5
2	☐	1.000		759616.26		P	0.3
3	☐	1.000		758146.58		P	0.1
4	☐	1.000		748500.47		P	0.6
5	☐	1.000		733110.07		P	0.6
6	☐	1.000		720868.52		P	1.2
7	☐	1.000		740469.87		P	0.4
8	☐	1.000		725341.85		P	1.2

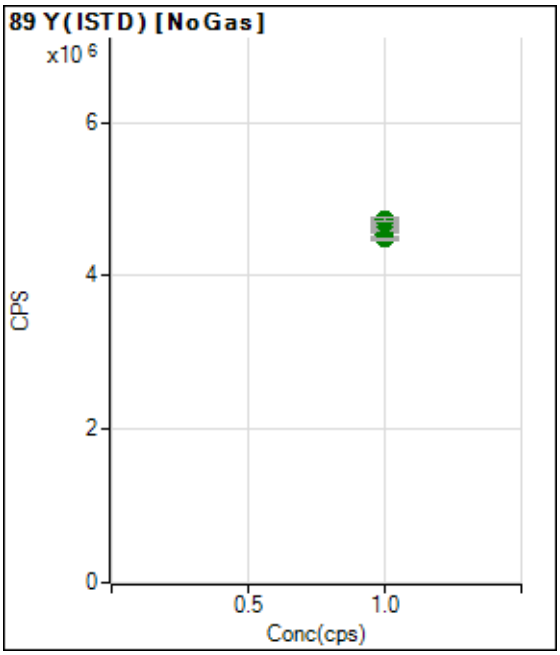


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1470388.34		A	0.1
2	☐	1.000		1493975.88		A	0.6
3	☐	1.000		1494643.03		A	1.5
4	☐	1.000		1471522.93		A	0.1
5	☐	1.000		1444663.19		A	1.0
6	☐	1.000		1411954.63		A	0.2
7	☐	1.000		1442525.41		A	2.3
8	☐	1.000		1421819.65		A	0.3

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
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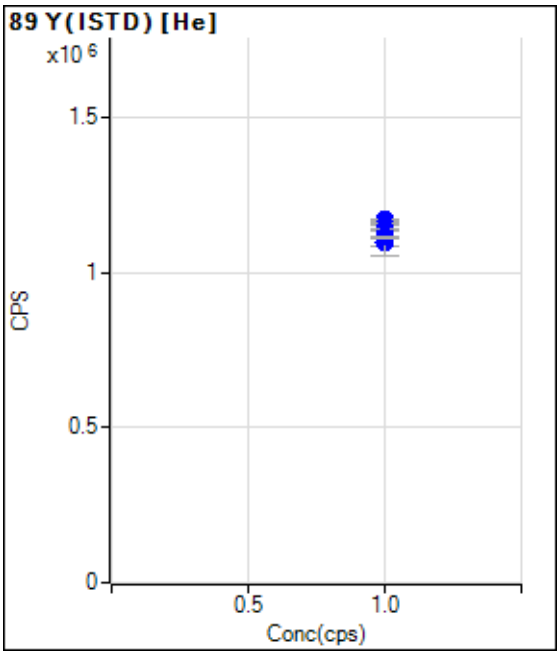


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1	☐	1.000		125813.12		P	5.6
2	☐	1.000		131447.29		P	1.0
3	☐	1.000		131035.73		P	1.1
4	☐	1.000		129633.07		P	0.5
5	☐	1.000		126672.69		P	0.9
6	☐	1.000		126376.63		P	0.3
7	☐	1.000		122356.25		P	6.7
8	☐	1.000		127653.13		P	1.3

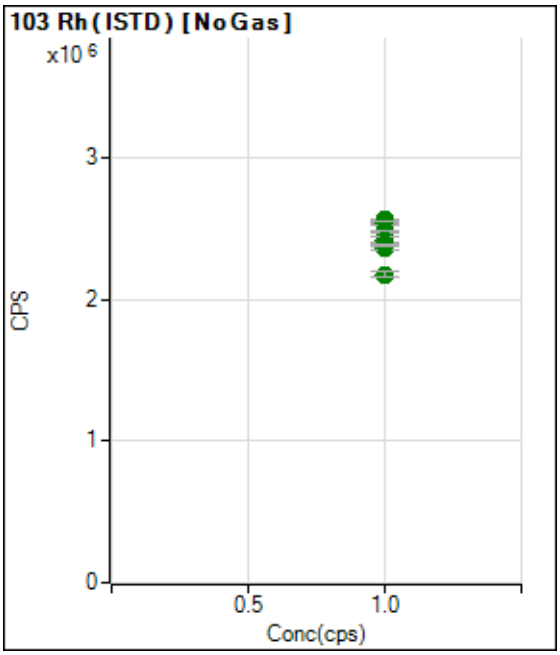


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4671245.63		A	0.4
2	☐	1.000		4718380.17		A	0.3
3	☐	1.000		4668338.47		A	0.9
4	☐	1.000		4669860.04		A	0.7
5	☐	1.000		4585643.85		A	0.7
6	☐	1.000		4546535.38		A	1.3
7	☐	1.000		4729585.03		A	0.9
8	☐	1.000		4479474.38		A	0.2

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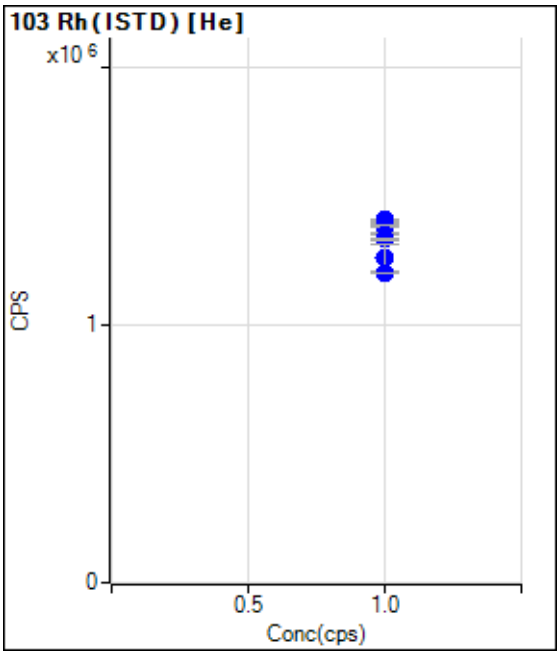


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1	☐	1.000		1119533.27		P	6.0
2	☐	1.000		1163861.48		P	0.3
3	☐	1.000		1170809.35		P	0.1
4	☐	1.000		1157254.86		P	0.9
5	☐	1.000		1136381.89		P	0.6
6	☐	1.000		1142229.29		P	0.5
7	☐	1.000		1096509.66		P	7.8
8	☐	1.000		1115039.65		P	0.4

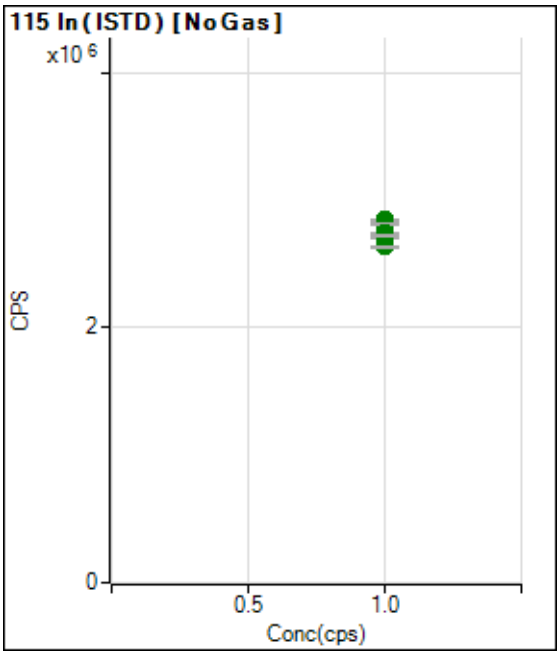


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1	☐	1.000		2527877.70		A	0.6
2	☐	1.000		2559113.66		A	0.5
3	☐	1.000		2535451.32		A	1.0
4	☐	1.000		2478506.09		A	0.3
5	☐	1.000		2416934.84		A	1.6
6	☐	1.000		2360428.24		A	0.7
7	☐	1.000		2381616.75		A	0.7
8	☐	1.000		2176818.77		A	1.4

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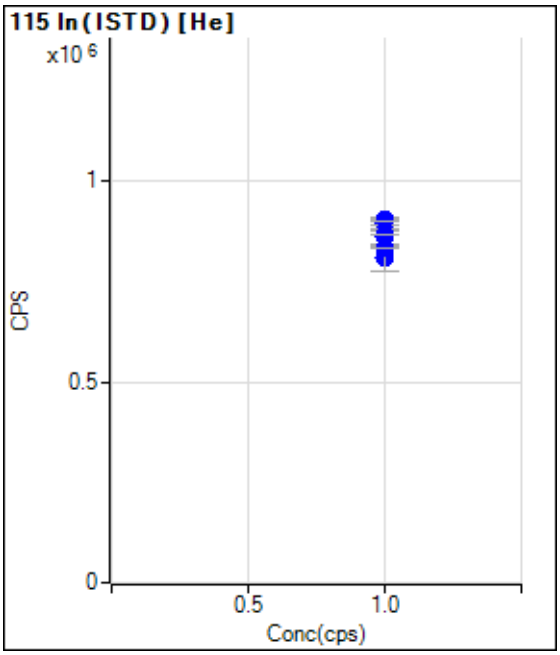


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1349949.43		P	5.6
2	☐	1.000		1409222.26		P	0.3
3	☐	1.000		1400947.69		P	0.5
4	☐	1.000		1386413.33		P	0.7
5	☐	1.000		1354501.35		P	0.5
6	☐	1.000		1334894.37		P	0.4
7	☐	1.000		1262800.10		P	7.9
8	☐	1.000		1201791.76		P	0.3

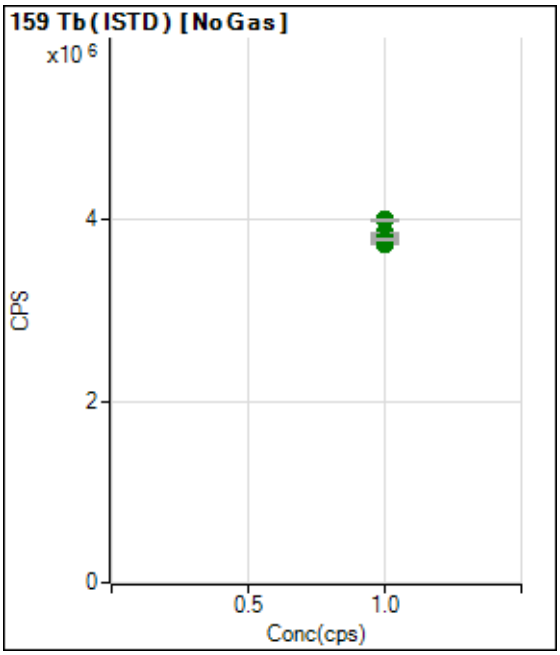


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2	☐	1.000		2845071.79		A	0.7
3	☐	1.000		2844637.28		A	0.5
4	☐	1.000		2817794.56		A	0.6
5	☐	1.000		2750969.74		A	0.1
6	☐	1.000		2704820.96		A	0.8
7	☐	1.000		2720284.72		A	0.6
8	☐	1.000		2633927.46		A	0.8

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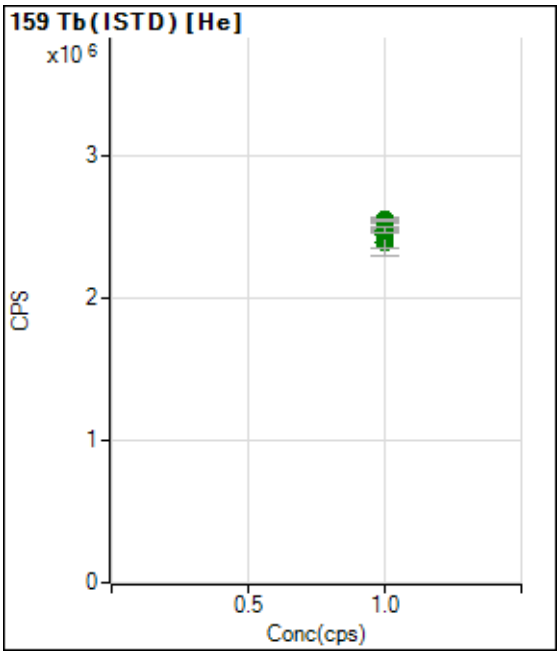


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1	☐	1.000		864491.72		P	6.1
2	☐	1.000		904132.05		P	0.9
3	☐	1.000		904085.62		P	0.6
4	☐	1.000		896438.73		P	0.8
5	☐	1.000		877633.11		P	0.7
6	☐	1.000		867276.03		P	0.3
7	☐	1.000		810212.15		P	7.9
8	☐	1.000		834723.94		P	0.2

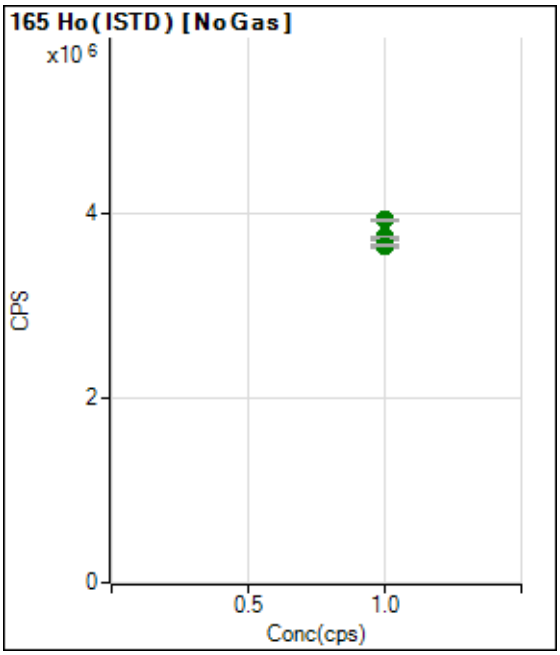


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	1.000		3776298.73		A	1.3
3	☐	1.000		3798643.31		A	0.8
4	☐	1.000		3812281.75		A	1.0
5	☐	1.000		3796628.00		A	0.9
6	☐	1.000		3856188.62		A	0.3
7	☐	1.000		3996565.50		A	0.5
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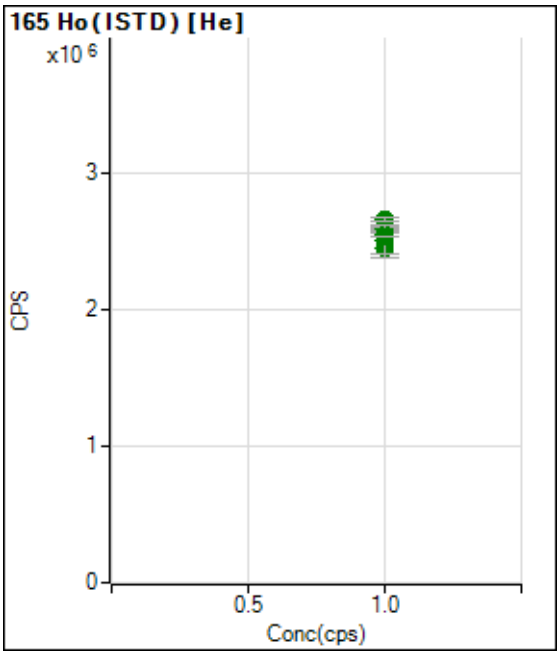


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1	☐	1.000		2389415.50		A	7.1
2	☐	1.000		2497662.24		A	0.8
3	☐	1.000		2538620.59		A	1.0
4	☐	1.000		2536209.36		A	2.1
5	☐	1.000		2553517.57		A	1.9
6	☐	1.000		2548986.06		A	0.7
7	☐	1.000		2451125.87		A	7.8
8	☐	1.000		2483402.15		A	1.9

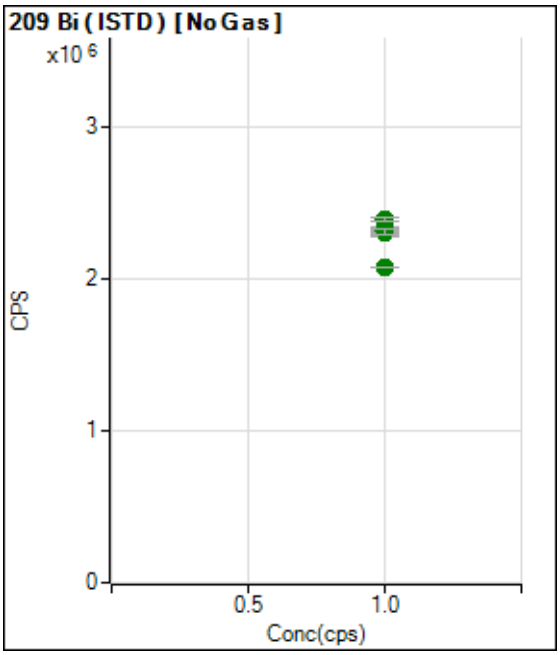


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1	☐	1.000		3646090.95		A	0.4
2	☐	1.000		3668744.18		A	0.7
3	☐	1.000		3732262.10		A	0.9
4	☐	1.000		3722323.90		A	0.7
5	☐	1.000		3730679.91		A	0.4
6	☐	1.000		3751553.83		A	0.8
7	☐	1.000		3938206.05		A	0.7
8	☐	1.000		3660413.66		A	0.6

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
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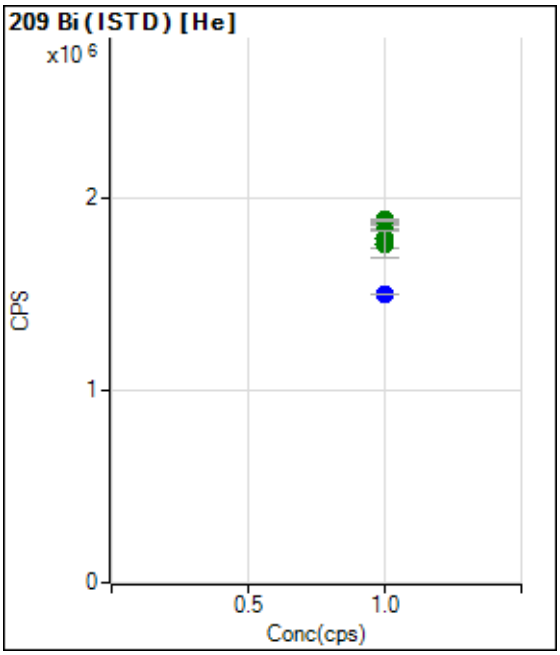


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1	☐	1.000		2452224.79		A	6.3
2	☐	1.000		2544757.97		A	1.0
3	☐	1.000		2588456.74		A	1.3
4	☐	1.000		2577959.33		A	0.4
5	☐	1.000		2584057.01		A	1.3
6	☐	1.000		2654504.42		A	1.2
7	☐	1.000		2510092.95		A	8.6
8	☐	1.000		2535541.09		A	0.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2304045.42		A	0.5
2	☐	1.000		2296457.66		A	1.4
3	☐	1.000		2316398.44		A	0.8
4	☐	1.000		2329899.39		A	0.9
5	☐	1.000		2324430.43		A	0.5
6	☐	1.000		2308863.06		A	1.4
7	☐	1.000		2385328.85		A	1.2
8	☐	1.000		2071315.94		A	0.2

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1788054.33		A	5.4
2	☐	1.000		1867123.53		A	1.1
3	☐	1.000		1882542.49		A	1.0
4	☐	1.000		1878939.30		A	1.2
5	☐	1.000		1860586.47		A	0.3
6	☐	1.000		1886867.59		A	0.4
7	☐	1.000		1761859.59		A	8.3
8	☐	1.000		1498149.94		P	0.4

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7
ClientSampleId :TUNE024

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7101724-MS1.b
Acq. Date-Time	2024-10-17 10:45:07
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		1772	17718.54			0.908	5.000
24		59020	590197.22			1.003	5.000
25		7392	73924.68			1.101	5.000
26		8280	82798.10			1.128	5.000
59		14276	142758.39			1.040	5.000
113		1304	13035.42			1.299	5.000
115		28654	286538.59			1.231	5.000
206		6371	63705.28			1.273	5.000
207		5414	54139.68			0.893	5.000
208		13096	130963.62			0.917	5.000
220		0	1.80			50.461	

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

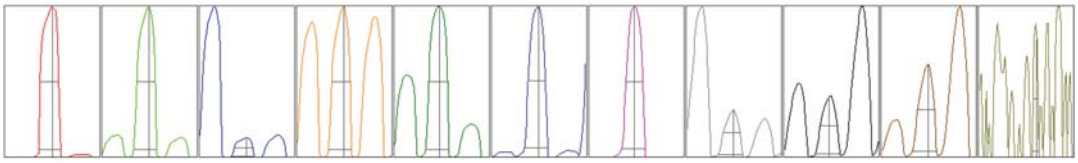
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	1789	1769	1783	1747	1771
24	59289	58934	59183	58061	59632
25	7423	7375	7429	7261	7474
26	8318	8271	8276	8139	8396
59	14356	14328	14318	14012	14364
113	1327	1304	1309	1281	1296
115	28866	28954	28854	28113	28483
206	6343	6384	6376	6263	6488
207	5449	5395	5443	5337	5446
208	13191	13042	13134	12914	13202

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	3184.06	9.05	8.90 - 9.10	
24	106241.54	24.00	23.90 - 24.10	
25	13556.51	25.00	24.90 - 25.10	
26	15093.15	26.00	25.90 - 26.10	
59	24810.23	58.95	58.90 - 59.10	
113	2491.86	113.00	112.90 - 113.10	
115	55871.52	114.95	114.90 - 115.10	
206	12551.02	206.00	205.90 - 206.10	
207	10152.45	206.95	206.90 - 207.10	
208	25199.00	208.00	207.90 - 208.10	
220	0.35	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.689	0.900	
24	0.58	0.736	0.900	
25	0.58	0.726	0.900	
26	0.59	0.735	0.900	
59	0.60	0.738	0.900	
113	0.54	0.738	0.900	
115	0.52	0.753	0.900	
206	0.53	0.773	0.900	
207	0.54	0.778	0.900	
208	0.54	0.746	0.900	
220	0.15	0.195		

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	7.8 V	Deflect	16.4 V
Extract 2	-110.0 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	150 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	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2399 V	Pulse HV	1788 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4786	47858.55			0.571	
89		46649	466488.42			0.859	
205		16475	164746.39			1.255	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4834	4766	4775	4778	4775
89	47313	46393	46292	46567	46679
205	16806	16451	16265	16349	16502

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	8.0 V	Deflect	3.2 V

US EPA Tune Check Report

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7
ClientSampleId :TUNE024

Extract 2	-95.0 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	-0.5 mm	Torch V	0.6 mm		

EM

Discriminator	4.8 mV	Analog HV	2399 V	Pulse HV	1788 V

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:19:52	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	0.09	0.03	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	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	-0.06	0.08	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.29	0.09	-0.38	0.00	N/A	ppb
Cadmium	111-1	0.02	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	-1.37	-2.67	4.05	0.00	N/A	ppb
Calcium	44-1	0.86	-0.88	0.02	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	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	0.04	-0.01	-0.03	0.00	N/A	ppb
Iron	57-2	0.42	0.03	-0.45	0.00	N/A	ppb
Iron	54-2	1.19	-1.48	0.30	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:19:52	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	0.43	-0.48	0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	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	-14.74	-14.53	-14.42	-14.56		ppb
Potassium	39-2	14.09	-3.10	-10.99	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.45	0.19	0.26	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.52	-0.55	-0.98	0.00	N/A	ppb
Silicon	28-1	0.19	0.30	-0.49	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	1.38	-0.18	-1.20	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	78.28	144.91	45.09	89.43	56.84	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	0.03	-0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:19:52	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.12	-0.08	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	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:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:23:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.98	19.73	21.10	20.60	3.68	ppb
Antimony	121-1	2.11	2.06	2.04	2.07	1.70	ppb
Arsenic	75-2	1.01	0.90	1.34	1.08	20.90	ppb
Barium	135-1	9.52	9.70	9.66	9.63	0.98	ppb
Barium	137-1	9.47	9.66	10.01	9.71	2.83	ppb
Beryllium	9-1	1.05	1.16	1.13	1.11	5.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.23	1.60	1.41	13.10	ppb
Cadmium	106-1	1.37	2.14	0.07	1.20	87.43	ppb
Cadmium	111-1	1.20	1.31	0.96	1.16	15.46	ppb
Calcium	43-1	539.77	548.38	538.85	542.33	0.97	ppb
Calcium	44-1	534.85	552.11	553.47	546.81	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.07	2.05	2.03	2.63	ppb
Cobalt	59-2	1.03	1.02	1.09	1.04	3.65	ppb
Copper	63-2	1.92	2.00	1.91	1.94	2.28	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				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	57.13	56.20	57.28	56.87	1.03	ppb
Iron	57-2	57.00	56.99	55.96	56.65	1.06	ppb
Iron	54-2	59.85	57.87	59.80	59.17	1.90	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:23:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	0.88	0.88	0.89	2.15	ppb
Lead	207-1	0.89	0.88	0.95	0.91	4.54	ppb
Lead	208-1	0.91	0.90	0.91	0.91	0.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	535.18	528.23	544.68	536.03	1.54	ppb
Manganese	55-2	0.99	1.02	0.93	0.98	4.74	ppb
Molybdenum	94-1	5.97	5.94	6.16	6.02	1.97	ppb
Molybdenum	95-1	5.17	4.92	4.94	5.01	2.74	ppb
Molybdenum	96-1	4.98	5.34	5.11	5.14	3.54	ppb
Molybdenum	97-1	4.99	5.12	5.22	5.11	2.25	ppb
Molybdenum	98-1	5.13	5.06	5.11	5.10	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.97	1.05	1.02	4.16	ppb
Phosphorus	31-2	13.25	13.59	16.84	14.56	13.61	ppb
Potassium	39-2	537.43	527.79	551.83	539.01	2.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	5.58	4.92	5.68	5.39	7.69	ppb
Selenium	77-2	6.05	9.63	6.66	7.45	25.76	ppb
Selenium	78-2	3.55	7.28	6.98	5.94	34.89	ppb
Silicon	28-1	2.74	3.47	4.15	3.46	20.40	ppb
Silver	107-1	0.99	1.00	1.01	1.00	0.79	ppb
Silver	109-1	1.07	1.07	1.04	1.06	1.45	ppb
Sodium	23-2	527.70	527.27	537.85	530.94	1.13	ppb
Strontium	86-1	1.02	1.03	1.11	1.05	4.49	ppb
Strontium	88-1	1.03	1.04	1.03	1.03	0.28	ppb
Sulfur	34-1	-217.41	10.77	-61.65	-89.43		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.88	0.87	0.91	0.89	2.35	ppb
Thallium	205-1	0.85	0.89	0.91	0.88	3.84	ppb
Tin	118-1	5.09	4.90	5.04	5.01	2.01	ppb
Titanium	47-1	5.68	4.96	5.15	5.26	7.05	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:23:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.84	0.83	1.86	ppb
Vanadium	51-2	4.89	4.95	4.97	4.94	0.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	4.85	5.32	5.39	5.19	5.70	ppb
Zirconium	90-1	0.98	0.99	0.97	0.98	1.05	ppb
Zirconium	91-1	0.93	1.10	1.11	1.04	9.77	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:26:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1075.28	1058.09	1059.94	1064.44	0.89	ppb
Antimony	121-1	50.67	51.67	51.04	51.13	0.99	ppb
Arsenic	75-2	48.48	48.68	48.67	48.61	0.23	ppb
Barium	135-1	249.90	254.53	256.36	253.60	1.31	ppb
Barium	137-1	248.27	253.24	253.72	251.74	1.20	ppb
Beryllium	9-1	51.68	52.95	53.61	52.75	1.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	51.51	53.61	53.68	52.93	2.33	ppb
Cadmium	106-1	52.72	54.26	52.18	53.05	2.04	ppb
Cadmium	111-1	53.47	55.11	55.22	54.60	1.79	ppb
Calcium	43-1	5830.49	5876.97	5976.71	5894.73	1.27	ppb
Calcium	44-1	5678.71	5706.97	5829.60	5738.43	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.39	51.17	50.69	51.08	0.71	ppb
Cobalt	59-2	51.62	50.59	50.83	51.01	1.05	ppb
Copper	63-2	524.39	512.58	511.87	516.28	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	2733.23	2686.06	2663.23	2694.17	1.33	ppb
Iron	57-2	2865.20	2841.84	2882.52	2863.18	0.71	ppb
Iron	54-2	2981.17	2895.67	2909.85	2928.90	1.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:26:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	227.78	227.53	226.42	227.25	0.32	ppb
Lead	207-1	226.53	224.21	222.38	224.38	0.93	ppb
Lead	208-1	228.46	226.80	225.38	226.88	0.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	5155.43	5055.01	5048.61	5086.35	1.18	ppb
Manganese	55-2	514.97	501.56	505.72	507.42	1.35	ppb
Molybdenum	94-1	562.77	568.10	576.32	569.06	1.20	ppb
Molybdenum	95-1	560.05	567.41	574.01	567.16	1.23	ppb
Molybdenum	96-1	561.56	564.40	571.36	565.77	0.89	ppb
Molybdenum	97-1	568.03	573.47	579.68	573.73	1.02	ppb
Molybdenum	98-1	557.64	560.30	575.99	564.64	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.20	51.53	51.85	52.53	2.78	ppb
Phosphorus	31-2	971.05	971.04	954.52	965.54	0.99	ppb
Potassium	39-2	2816.76	2760.82	2765.59	2781.06	1.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	52.56	53.63	54.67	53.62	1.97	ppb
Selenium	77-2	52.28	49.84	46.21	49.45	6.17	ppb
Selenium	78-2	48.64	50.93	52.87	50.81	4.17	ppb
Silicon	28-1	48.31	51.55	54.38	51.41	5.91	ppb
Silver	107-1	54.06	55.20	54.59	54.62	1.05	ppb
Silver	109-1	53.49	54.81	54.97	54.42	1.50	ppb
Sodium	23-2	5206.77	5128.58	5120.42	5151.92	0.93	ppb
Strontium	86-1	1283.71	1299.71	1329.56	1304.33	1.78	ppb
Strontium	88-1	1268.10	1283.09	1307.09	1286.09	1.53	ppb
Sulfur	34-1	601.63	549.39	798.12	649.71	20.19	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	45.19	45.18	44.92	45.10	0.34	ppb
Thallium	205-1	45.21	44.72	44.78	44.90	0.59	ppb
Tin	118-1	50.82	52.46	51.95	51.74	1.62	ppb
Titanium	47-1	573.25	577.73	593.94	581.64	1.87	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:26:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.96	42.80	42.52	42.76	0.52	ppb
Vanadium	51-2	50.08	48.24	47.99	48.77	2.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	517.25	495.99	501.00	504.75	2.20	ppb
Zirconium	90-1	50.81	51.76	52.05	51.54	1.26	ppb
Zirconium	91-1	50.79	51.48	52.75	51.68	1.93	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:29:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2584.85	2587.70	2613.63	2595.39	0.61	ppb
Antimony	121-1	127.74	126.85	125.99	126.86	0.69	ppb
Arsenic	75-2	122.15	122.50	122.37	122.34	0.14	ppb
Barium	135-1	632.41	621.93	622.88	625.74	0.93	ppb
Barium	137-1	627.19	622.13	619.93	623.08	0.60	ppb
Beryllium	9-1	130.75	132.24	130.18	131.06	0.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.86	131.44	133.07	135.12	3.73	ppb
Cadmium	106-1	135.09	136.37	132.81	134.76	1.34	ppb
Cadmium	111-1	135.39	134.25	134.87	134.84	0.42	ppb
Calcium	43-1	14625.00	14526.06	14603.39	14584.82	0.36	ppb
Calcium	44-1	13272.68	13051.82	13321.80	13215.43	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.51	125.72	125.96	126.07	0.32	ppb
Cobalt	59-2	125.11	124.45	126.27	125.28	0.74	ppb
Copper	63-2	1267.01	1280.45	1275.01	1274.15	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				102		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	6776.01	6671.38	6741.34	6729.58	0.79	ppb
Iron	57-2	7096.35	7085.72	7152.50	7111.52	0.50	ppb
Iron	54-2	7224.56	7199.30	7240.13	7221.33	0.29	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:29:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	624.65	623.30	620.67	622.87	0.33	ppb
Lead	207-1	632.55	635.85	613.11	627.17	1.96	ppb
Lead	208-1	630.73	630.28	622.32	627.77	0.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	11967.01	12063.04	12207.84	12079.30	1.00	ppb
Manganese	55-2	1208.22	1210.26	1225.20	1214.56	0.76	ppb
Molybdenum	94-1	1391.70	1422.16	1414.31	1409.39	1.12	ppb
Molybdenum	95-1	1396.66	1436.91	1420.76	1418.11	1.43	ppb
Molybdenum	96-1	1381.70	1402.08	1405.18	1396.32	0.91	ppb
Molybdenum	97-1	1370.96	1422.42	1428.92	1407.44	2.26	ppb
Molybdenum	98-1	1367.85	1404.05	1414.76	1395.55	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.14	127.79	125.66	126.20	1.11	ppb
Phosphorus	31-2	2440.33	2429.16	2458.05	2442.51	0.60	ppb
Potassium	39-2	6889.48	6937.53	6963.09	6930.04	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	129.98	134.39	129.84	131.40	1.97	ppb
Selenium	77-2	128.13	126.84	124.13	126.37	1.61	ppb
Selenium	78-2	120.26	126.52	130.35	125.71	4.05	ppb
Silicon	28-1	128.92	129.72	133.66	130.77	1.94	ppb
Silver	107-1	134.42	134.20	133.28	133.96	0.45	ppb
Silver	109-1	135.14	133.05	133.55	133.91	0.81	ppb
Sodium	23-2	12506.05	12863.12	12963.40	12777.52	1.88	ppb
Strontium	86-1	3109.83	3187.46	3229.53	3175.60	1.91	ppb
Strontium	88-1	3140.98	3204.72	3177.76	3174.49	1.01	ppb
Sulfur	34-1	2307.10	2287.72	2340.42	2311.74	1.15	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	112.77	111.93	113.67	112.79	0.77	ppb
Thallium	205-1	113.56	111.93	112.14	112.54	0.79	ppb
Tin	118-1	129.19	127.85	127.72	128.25	0.64	ppb
Titanium	47-1	1439.38	1436.46	1456.60	1444.15	0.75	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:29:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	107.93	107.41	108.28	107.87	0.40	ppb
Vanadium	51-2	121.39	122.09	122.43	121.97	0.44	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	1250.96	1258.31	1253.36	1254.21	0.30	ppb
Zirconium	90-1	126.57	129.63	128.58	128.26	1.21	ppb
Zirconium	91-1	127.04	129.41	129.36	128.60	1.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:33:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5198.71	5243.61	5194.61	5212.31	0.52	ppb
Antimony	121-1	253.86	257.12	251.68	254.22	1.08	ppb
Arsenic	75-2	240.37	246.49	245.61	244.15	1.36	ppb
Barium	135-1	1244.25	1248.32	1231.00	1241.19	0.73	ppb
Barium	137-1	1304.41	1300.45	1286.85	1297.24	0.71	ppb
Beryllium	9-1	257.71	263.02	261.67	260.80	1.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	263.10	268.90	265.06	265.68	1.11	ppb
Cadmium	106-1	265.34	265.95	264.66	265.32	0.24	ppb
Cadmium	111-1	268.80	269.50	262.52	266.94	1.44	ppb
Calcium	43-1	28733.66	28808.50	29256.05	28932.74	0.98	ppb
Calcium	44-1	26262.24	26256.01	26726.86	26415.03	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.79	253.39	249.63	250.61	0.98	ppb
Cobalt	59-2	247.00	252.17	247.42	248.86	1.15	ppb
Copper	63-2	2479.53	2556.15	2508.87	2514.85	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	13292.66	13474.89	13239.29	13335.62	0.93	ppb
Iron	57-2	14026.82	14388.30	14107.95	14174.36	1.34	ppb
Iron	54-2	14352.01	14561.07	14293.90	14402.33	0.98	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:33:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1245.24	1241.50	1268.74	1251.83	1.18	ppb
Lead	207-1	1256.12	1275.23	1275.78	1269.04	0.88	ppb
Lead	208-1	1245.60	1261.70	1267.77	1258.36	0.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	24053.03	24238.54	24013.34	24101.64	0.50	ppb
Manganese	55-2	2454.37	2457.36	2413.69	2441.81	1.00	ppb
Molybdenum	94-1	2802.93	2882.78	2812.37	2832.69	1.54	ppb
Molybdenum	95-1	2773.59	2854.36	2769.05	2799.00	1.71	ppb
Molybdenum	96-1	2753.19	2790.23	2782.34	2775.25	0.70	ppb
Molybdenum	97-1	2796.58	2814.82	2841.57	2817.65	0.80	ppb
Molybdenum	98-1	2788.10	2836.00	2803.13	2809.08	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.40	253.05	250.71	251.72	0.48	ppb
Phosphorus	31-2	4970.15	4788.68	4883.67	4880.83	1.86	ppb
Potassium	39-2	12656.83	13040.30	12601.26	12766.13	1.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	257.15	268.04	262.60	262.60	2.07	ppb
Selenium	77-2	239.04	239.45	221.24	233.24	4.46	ppb
Selenium	78-2	240.23	243.11	248.57	243.97	1.74	ppb
Silicon	28-1	253.92	260.03	265.72	259.89	2.27	ppb
Silver	107-1	264.16	266.74	260.78	263.89	1.13	ppb
Silver	109-1	262.89	266.02	261.31	263.41	0.91	ppb
Sodium	23-2	25706.32	25936.04	25886.16	25842.84	0.47	ppb
Strontium	86-1	6255.83	6482.86	6405.74	6381.48	1.81	ppb
Strontium	88-1	6346.10	6456.78	6383.03	6395.30	0.88	ppb
Sulfur	34-1	4911.74	4868.98	5146.98	4975.90	3.01	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	223.38	225.83	226.88	225.36	0.80	ppb
Thallium	205-1	246.35	249.98	251.43	249.25	1.05	ppb
Tin	118-1	253.48	254.18	251.15	252.94	0.63	ppb
Titanium	47-1	2746.00	2806.98	2853.71	2802.23	1.93	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:33:04	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.25	246.37	249.83	246.48	1.33	ppb
Vanadium	51-2	239.41	242.90	241.83	241.38	0.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	2495.03	2524.69	2497.59	2505.77	0.66	ppb
Zirconium	90-1	252.85	260.56	252.85	255.42	1.74	ppb
Zirconium	91-1	254.21	261.39	259.09	258.23	1.42	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:36:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10309.29	10221.49	10081.55	10204.11	1.13	ppb
Antimony	121-1	507.82	502.08	509.41	506.43	0.76	ppb
Arsenic	75-2	485.66	473.71	479.29	479.55	1.25	ppb
Barium	135-1	2515.30	2546.82	2519.56	2527.23	0.68	ppb
Barium	137-1	2499.22	2551.34	2503.56	2518.04	1.15	ppb
Beryllium	9-1	505.65	520.46	514.93	513.68	1.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.72	512.07	511.04	512.27	0.26	ppb
Cadmium	106-1	506.81	519.36	515.37	513.85	1.25	ppb
Cadmium	111-1	511.34	513.42	512.62	512.46	0.21	ppb
Calcium	43-1	57463.49	58100.44	57638.35	57734.09	0.57	ppb
Calcium	44-1	52348.11	53012.62	53195.75	52852.16	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.19	489.53	488.92	490.88	0.59	ppb
Cobalt	59-2	486.39	485.78	484.47	485.55	0.20	ppb
Copper	63-2	4889.59	4903.08	4786.01	4859.56	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	26475.91	26292.77	26365.62	26378.10	0.35	ppb
Iron	57-2	28137.23	27786.80	27640.87	27854.96	0.92	ppb
Iron	54-2	27132.08	26523.58	26773.08	26809.58	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:36:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2489.20	2572.77	2486.33	2516.10	1.95	ppb
Lead	207-1	2531.58	2557.86	2487.13	2525.52	1.42	ppb
Lead	208-1	2510.45	2554.20	2493.10	2519.25	1.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	47978.46	47113.12	46716.53	47269.37	1.37	ppb
Manganese	55-2	4792.03	4841.39	4807.50	4813.64	0.52	ppb
Molybdenum	94-1	5524.16	5678.98	5509.72	5570.95	1.68	ppb
Molybdenum	95-1	5613.22	5626.79	5524.01	5588.00	1.00	ppb
Molybdenum	96-1	5550.14	5723.36	5516.20	5596.56	1.99	ppb
Molybdenum	97-1	5528.64	5710.32	5527.55	5588.84	1.88	ppb
Molybdenum	98-1	5506.57	5692.30	5566.07	5588.31	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.84	489.64	485.82	487.43	0.40	ppb
Phosphorus	31-2	9600.46	9558.93	9660.36	9606.59	0.53	ppb
Potassium	39-2	25367.05	25328.61	25066.21	25253.96	0.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	524.37	522.30	509.69	518.79	1.53	ppb
Selenium	77-2	482.76	490.12	473.18	482.02	1.76	ppb
Selenium	78-2	474.93	498.11	496.26	489.77	2.63	ppb
Silicon	28-1	511.00	520.66	518.65	516.77	0.99	ppb
Silver	107-1	517.20	516.72	510.95	514.95	0.68	ppb
Silver	109-1	514.06	523.31	510.66	516.01	1.27	ppb
Sodium	23-2	50995.80	51207.33	49921.68	50708.27	1.36	ppb
Strontium	86-1	12606.99	12783.17	12634.33	12674.83	0.75	ppb
Strontium	88-1	12684.78	12869.83	12640.25	12731.62	0.96	ppb
Sulfur	34-1	10106.42	10124.35	10054.08	10094.95	0.36	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	504.01	511.36	503.07	506.15	0.90	ppb
Thallium	205-1	501.69	514.14	500.33	505.39	1.51	ppb
Tin	118-1	514.65	507.31	508.26	510.08	0.78	ppb
Titanium	47-1	5555.53	5499.67	5504.13	5519.77	0.56	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:36:06	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	488.93	514.49	505.15	502.86	2.57	ppb
Vanadium	51-2	482.78	475.74	472.57	477.03	1.10	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	4888.53	4874.56	4863.40	4875.50	0.26	ppb
Zirconium	90-1	507.14	514.55	507.52	509.74	0.82	ppb
Zirconium	91-1	511.00	525.19	510.03	515.41	1.65	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:41:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19465.69	22181.42	21603.23	21083.44	6.79	ppb
Antimony	121-1	984.76	998.77	1002.78	995.44	0.95	ppb
Arsenic	75-2	934.24	1088.91	1013.11	1012.09	7.64	ppb
Barium	135-1	4968.74	4965.72	5030.49	4988.32	0.73	ppb
Barium	137-1	4929.85	4996.98	5011.14	4979.32	0.87	ppb
Beryllium	9-1	982.71	985.65	1000.34	989.57	0.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	991.27	988.06	986.26	988.53	0.26	ppb
Cadmium	106-1	977.75	996.62	989.25	987.87	0.96	ppb
Cadmium	111-1	976.92	994.21	993.10	988.08	0.98	ppb
Calcium	43-1	114318.27	112601.12	117732.00	114883.80	2.27	ppb
Calcium	44-1	105396.89	101371.21	106561.83	104443.31	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	936.33	1069.56	1006.77	1004.22	6.64	ppb
Cobalt	59-2	925.64	1079.56	1017.07	1007.42	7.68	ppb
Copper	63-2	9305.88	10601.09	10281.06	10062.67	6.70	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				108		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	51561.02	59300.26	55965.71	55609.00	6.98	ppb
Iron	57-2	51707.96	59127.08	55963.07	55599.37	6.70	ppb
Iron	54-2	52038.19	59773.27	57331.52	56380.99	7.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:41:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4970.76	4927.18	5080.74	4992.90	1.58	ppb
Lead	207-1	4974.17	4948.10	5028.20	4983.49	0.82	ppb
Lead	208-1	4970.95	4968.88	5027.46	4989.10	0.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	92718.89	107371.93	101726.69	100605.84	7.35	ppb
Manganese	55-2	9272.21	10702.42	10360.74	10111.79	7.39	ppb
Molybdenum	94-1	10848.15	10900.74	11066.90	10938.60	1.04	ppb
Molybdenum	95-1	10871.44	10904.21	11036.85	10937.50	0.80	ppb
Molybdenum	96-1	10772.93	10925.67	11127.25	10941.95	1.62	ppb
Molybdenum	97-1	10745.90	10855.92	11198.47	10933.43	2.16	ppb
Molybdenum	98-1	10833.80	10951.73	11027.79	10937.77	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	934.36	1062.64	1019.73	1005.58	6.49	ppb
Phosphorus	31-2	18758.29	21308.60	20639.34	20235.41	6.53	ppb
Potassium	39-2	49067.74	56570.99	54115.73	53251.48	7.18	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	978.69	979.54	1001.19	986.47	1.29	ppb
Selenium	77-2	994.55	1086.03	958.49	1013.02	6.49	ppb
Selenium	78-2	910.72	1097.00	1011.76	1006.49	9.26	ppb
Silicon	28-1	996.15	960.17	1008.94	988.42	2.56	ppb
Silver	107-1	975.63	987.62	999.85	987.70	1.23	ppb
Silver	109-1	975.04	982.18	1004.70	987.31	1.57	ppb
Sodium	23-2	99315.55	113574.10	108496.92	107128.86	6.75	ppb
Strontium	86-1	24620.62	24822.45	25168.95	24870.67	1.12	ppb
Strontium	88-1	24549.39	24787.21	25183.03	24839.87	1.29	ppb
Sulfur	34-1	20190.02	19290.89	20517.88	19999.60	3.18	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	1013.96	978.61	1022.01	1004.86	2.30	ppb
Thallium	205-1	1000.95	979.27	1017.69	999.31	1.93	ppb
Tin	118-1	979.90	993.98	1007.32	993.73	1.38	ppb
Titanium	47-1	10971.72	10749.35	11179.42	10966.83	1.96	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:41:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1004.00	993.02	1008.85	1001.95	0.81	ppb
Vanadium	51-2	937.81	1077.62	1026.80	1014.08	6.98	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9318.17	10626.17	10235.79	10060.04	6.67	ppb
Zirconium	90-1	982.28	995.30	1002.29	993.29	1.02	ppb
Zirconium	91-1	979.15	980.05	1009.91	989.70	1.77	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:44:46	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101375.80	98892.19	98979.78	99749.26	1.41	ppb
Antimony	121-1	0.76	0.84	0.75	0.79	5.81	ppb
Arsenic	75-2	0.72	0.47	0.47	0.56	25.69	ppb
Barium	135-1	1.94	2.25	1.91	2.03	9.15	ppb
Barium	137-1	1.89	2.14	1.86	1.97	7.82	ppb
Beryllium	9-1	0.66	0.55	0.58	0.60	9.47	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.91	0.55	0.70	26.99	ppb
Cadmium	106-1	0.41	1.91	0.57	0.96	85.78	ppb
Cadmium	111-1	0.18	0.42	0.21	0.27	47.45	ppb
Calcium	43-1	493926.10	501079.86	492970.29	495992.08	0.89	ppb
Calcium	44-1	497150.49	501360.60	497679.07	498730.05	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.00	3.11	2.94	3.02	2.79	ppb
Cobalt	59-2	2.54	2.46	2.46	2.49	1.87	ppb
Copper	63-2	1.90	1.88	1.75	1.84	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	56-2	253556.89	247050.63	245446.51	248684.68	1.73	ppb
Iron	57-2	252486.04	245057.30	247913.88	248485.74	1.51	ppb
Iron	54-2	251086.14	246114.14	248057.19	248419.15	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:44:46	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.08	0.87	1.01	12.22	ppb
Lead	207-1	1.05	1.07	0.96	1.03	5.70	ppb
Lead	208-1	1.06	1.04	0.91	1.00	8.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	508159.75	493367.74	499091.81	500206.43	1.49	ppb
Manganese	55-2	5.14	5.01	5.10	5.08	1.37	ppb
Molybdenum	94-1	3.04	2.89	2.61	2.85	7.59	ppb
Molybdenum	95-1	2.13	2.22	1.96	2.10	6.21	ppb
Molybdenum	96-1	3.60	4.53	3.42	3.85	15.50	ppb
Molybdenum	97-1	2.04	4.81	1.80	2.88	58.08	ppb
Molybdenum	98-1	1.91	4.87	1.76	2.85	61.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.61	3.66	3.30	3.52	5.56	ppb
Phosphorus	31-2	-9.49	-2.83	-11.46	-7.93		ppb
Potassium	39-2	252196.65	243937.22	251739.47	249291.11	1.86	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	1.16	1.70	2.51	1.79	37.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-0.99	1.09	-0.03		ppb
Silicon	28-1	8.69	5.56	4.96	6.40	31.27	ppb
Silver	107-1	0.16	0.43	0.10	0.23	76.21	ppb
Silver	109-1	0.13	0.29	0.11	0.17	55.58	ppb
Sodium	23-2	507391.48	490547.57	497419.26	498452.77	1.70	ppb
Strontium	86-1	4.26	4.04	3.71	4.00	6.88	ppb
Strontium	88-1	4.42	4.03	3.91	4.12	6.43	ppb
Sulfur	34-1	-1169.02	-775.01	-908.97	-951.00		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.12	0.10	0.12	12.88	ppb
Thallium	205-1	0.14	0.13	0.10	0.12	19.02	ppb
Tin	118-1	0.31	0.41	0.37	0.37	12.95	ppb
Titanium	47-1	1.39	1.39	1.34	1.37	1.91	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:44:46	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.05	0.06	20.02	ppb
Vanadium	51-2	0.31	0.26	0.27	0.28	9.65	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	3.16	3.32	3.42	3.30	4.05	ppb
Zirconium	90-1	0.63	0.65	0.58	0.62	5.88	ppb
Zirconium	91-1	0.58	0.70	0.61	0.63	10.25	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICV024	Instrumnet Name :	P7
Client Sample ID :	ICV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:03:58	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.86	507.90	541.95	511.90	5.52	ppb
Antimony	121-1	198.71	196.83	199.38	198.30	0.67	ppb
Arsenic	75-2	193.14	189.99	212.57	198.57	6.16	ppb
Barium	135-1	96.04	94.82	96.43	95.76	0.88	ppb
Barium	137-1	95.95	95.20	96.60	95.92	0.73	ppb
Beryllium	9-1	101.08	101.94	100.90	101.31	0.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	162.26	158.52	162.12	160.96	1.32	ppb
Cadmium	106-1	168.67	166.42	173.17	169.42	2.03	ppb
Cadmium	111-1	109.11	109.71	111.01	109.94	0.88	ppb
Calcium	43-1	2189.83	2170.58	2266.73	2209.05	2.30	ppb
Calcium	44-1	2142.05	2164.02	2183.94	2163.34	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.25	100.59	109.43	102.76	5.74	ppb
Cobalt	59-2	98.08	100.10	107.73	101.97	4.99	ppb
Copper	63-2	92.54	95.69	102.52	96.92	5.26	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				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	2069.14	2108.32	2224.01	2133.82	3.77	ppb
Iron	57-2	2103.20	2099.33	2295.69	2166.07	5.18	ppb
Iron	54-2	2224.07	2288.40	2477.47	2329.98	5.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICV024	Instrumnet Name :	P7
Client Sample ID :	ICV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:03:58	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	190.12	192.33	195.12	192.53	1.30	ppb
Lead	207-1	180.07	183.03	187.03	183.38	1.90	ppb
Lead	208-1	185.13	188.07	191.63	188.28	1.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	1163.24	1203.15	1288.54	1218.31	5.25	ppb
Manganese	55-2	96.93	99.81	107.44	101.39	5.36	ppb
Molybdenum	94-1	4996.47	5130.25	5047.94	5058.22	1.33	ppb
Molybdenum	95-1	4909.74	4954.68	5027.24	4963.89	1.19	ppb
Molybdenum	96-1	4958.67	4937.12	5026.94	4974.24	0.94	ppb
Molybdenum	97-1	4961.00	4919.34	5048.95	4976.43	1.33	ppb
Molybdenum	98-1	4896.73	4996.29	4958.65	4950.56	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.22	101.71	110.15	104.03	5.15	ppb
Phosphorus	31-2	-3.82	-8.29	-12.22	-8.11		ppb
Potassium	39-2	2024.59	2082.87	2282.07	2129.84	6.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	203.21	205.32	208.95	205.83	1.41	ppb
Selenium	77-2	193.80	213.60	205.91	204.44	4.88	ppb
Selenium	78-2	196.27	198.86	221.28	205.47	6.69	ppb
Silicon	28-1	524.56	529.71	535.25	529.84	1.01	ppb
Silver	107-1	51.25	50.88	51.51	51.21	0.62	ppb
Silver	109-1	50.56	50.65	50.75	50.65	0.18	ppb
Sodium	23-2	2051.82	2101.23	2260.80	2137.95	5.11	ppb
Strontium	86-1	496.61	502.62	507.87	502.37	1.12	ppb
Strontium	88-1	500.04	510.36	514.31	508.24	1.45	ppb
Sulfur	34-1	-1202.78	-1145.59	-1260.14	-1202.83		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	186.99	189.00	193.56	189.85	1.77	ppb
Thallium	205-1	209.21	215.04	211.30	211.85	1.39	ppb
Tin	118-1	553.74	546.60	548.70	549.68	0.67	ppb
Titanium	47-1	4909.64	4974.31	4970.54	4951.50	0.73	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICV024	Instrumnet Name :	P7
Client Sample ID :	ICV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:03:58	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.96	510.47	518.02	511.48	1.19	ppb
Vanadium	51-2	91.21	95.74	100.64	95.86	4.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	188.30	194.03	211.34	197.89	6.06	ppb
Zirconium	90-1	502.38	505.09	512.33	506.60	1.02	ppb
Zirconium	91-1	497.38	508.86	514.39	506.88	1.71	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICB024	Instrumnet Name :	P7
Client Sample ID :	ICB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:17:04	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.14	-0.01	-0.09		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	25.71	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	96.07	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	2038.84	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.09	0.08	0.05	0.07	27.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.02	-0.02	0.00		ppb
Cadmium	106-1	-1.32	-0.66	-2.08	-1.35		ppb
Cadmium	111-1	-0.10	-0.05	-0.15	-0.10		ppb
Calcium	43-1	3.74	-1.38	-4.56	-0.73		ppb
Calcium	44-1	0.53	0.29	-0.80	0.01	8292.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	167.99	ppb
Copper	63-2	0.09	0.01	0.10	0.07	77.99	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				104		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	0.38	0.06	0.36	0.27	67.76	ppb
Iron	57-2	-4.43	-4.16	-2.41	-3.67		ppb
Iron	54-2	-0.06	-1.01	-0.17	-0.41		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICB024	Instrumnet Name :	P7
Client Sample ID :	ICB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:17:04	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.02	0.04	39.07	ppb
Lead	207-1	0.06	0.03	0.04	0.04	33.50	ppb
Lead	208-1	0.05	0.04	0.04	0.04	14.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.99	0.46	0.65	0.70	38.17	ppb
Manganese	55-2	0.01	0.05	0.02	0.02	73.59	ppb
Molybdenum	94-1	0.04	0.09	0.05	0.06	40.69	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	41.06	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	7.43	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	24.66	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	15.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	246.66	ppb
Phosphorus	31-2	-19.22	-21.55	-17.29	-19.35		ppb
Potassium	39-2	-13.07	-18.60	-12.41	-14.69		ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	-0.12	0.98	-0.09	0.26	243.77	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.08	0.15	1.92	1.05	83.98	ppb
Silicon	28-1	-7.38	-6.52	-6.87	-6.93		ppb
Silver	107-1	0.01	0.00	0.01	0.01	47.97	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.87	ppb
Sodium	23-2	12.95	12.80	14.19	13.31	5.71	ppb
Strontium	86-1	0.04	0.04	0.02	0.03	43.04	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.39	ppb
Sulfur	34-1	-655.29	-558.26	-577.27	-596.94		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.01	0.02	42.87	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	18.30	ppb
Tin	118-1	0.02	0.01	0.01	0.01	65.21	ppb
Titanium	47-1	0.03	0.00	0.03	0.02	93.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICB024	Instrumnet Name :	P7
Client Sample ID :	ICB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:17:04	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	116.92	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	421.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	0.09	0.16	0.06	0.11	49.17	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	18.23	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	15.14	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSA024	Instrumnet Name :	P7
Client Sample ID :	ICSA024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:20:27	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91273.87	90342.67	89545.96	90387.50	0.96	ppb
Antimony	121-1	1.13	1.12	1.13	1.12	0.59	ppb
Arsenic	75-2	0.47	0.33	0.45	0.42	18.89	ppb
Barium	135-1	1.32	1.36	1.44	1.37	4.57	ppb
Barium	137-1	1.36	1.33	1.33	1.34	1.40	ppb
Beryllium	9-1	0.33	0.30	0.39	0.34	13.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.64	9.27	8.16	8.69	6.41	ppb
Cadmium	106-1	-0.39	-1.87	-2.75	-1.67		ppb
Cadmium	111-1	0.32	0.13	0.15	0.20	54.68	ppb
Calcium	43-1	101936.91	102519.92	106213.22	103556.69	2.24	ppb
Calcium	44-1	96414.92	97628.44	100906.67	98316.67	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.19	19.09	19.43	19.24	0.91	ppb
Cobalt	59-2	1.15	1.18	1.21	1.18	2.68	ppb
Copper	63-2	7.15	7.23	7.40	7.26	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	102947.00	101919.49	102134.57	102333.68	0.53	ppb
Iron	57-2	103428.01	102992.31	102863.54	103094.62	0.29	ppb
Iron	54-2	103424.06	101372.08	102176.95	102324.37	1.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSA024	Instrumnet Name :	P7
Client Sample ID :	ICSA024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:20:27	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.29	4.45	4.24	4.33	2.52	ppb
Lead	207-1	3.80	3.85	3.86	3.84	0.79	ppb
Lead	208-1	4.01	4.09	4.03	4.04	0.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	93467.81	92114.07	92680.60	92754.16	0.73	ppb
Manganese	55-2	7.97	7.78	7.43	7.73	3.52	ppb
Molybdenum	94-1	1613.75	1601.17	1642.14	1619.02	1.30	ppb
Molybdenum	95-1	1909.87	1908.84	1958.28	1925.66	1.47	ppb
Molybdenum	96-1	1885.99	1884.01	1904.40	1891.46	0.59	ppb
Molybdenum	97-1	1923.41	1938.96	1924.94	1929.10	0.44	ppb
Molybdenum	98-1	1919.81	1892.76	1938.73	1917.10	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.19	5.55	5.29	4.31	ppb
Phosphorus	31-2	94592.12	93634.71	94271.37	94166.06	0.52	ppb
Potassium	39-2	97347.59	96741.96	96462.45	96850.67	0.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	0.66	0.76	0.67	0.70	8.13	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	1.68	0.77	0.80	110.34	ppb
Silicon	28-1	15.75	17.66	21.85	18.42	16.95	ppb
Silver	107-1	0.07	0.08	0.09	0.08	16.77	ppb
Silver	109-1	0.08	0.06	0.09	0.08	15.39	ppb
Sodium	23-2	98303.62	97259.31	97874.34	97812.42	0.54	ppb
Strontium	86-1	33.40	33.60	33.87	33.62	0.70	ppb
Strontium	88-1	34.08	33.93	34.35	34.12	0.62	ppb
Sulfur	34-1	98652.57	101098.92	102387.01	100712.83	1.88	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.17	0.16	0.15	0.16	4.91	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	0.54	ppb
Tin	118-1	0.17	0.15	0.16	0.16	4.42	ppb
Titanium	47-1	2040.78	2049.76	2116.46	2069.00	2.00	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSA024	Instrumnet Name :	P7
Client Sample ID :	ICSA024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:20:27	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	15.65	ppb
Vanadium	51-2	0.19	0.18	0.17	0.18	3.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	10.77	11.32	11.03	11.04	2.50	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	9.70	ppb
Zirconium	91-1	0.03	0.05	0.07	0.05	37.02	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSAB024	Instrumnet Name :	P7
Client Sample ID :	ICSAB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:23:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90184.61	87345.63	89878.13	89136.12	1.75	ppb
Antimony	121-1	20.16	20.78	19.96	20.30	2.11	ppb
Arsenic	75-2	18.63	18.61	18.69	18.64	0.24	ppb
Barium	135-1	19.86	20.45	19.62	19.97	2.15	ppb
Barium	137-1	19.48	20.45	19.51	19.81	2.79	ppb
Beryllium	9-1	20.09	19.86	19.72	19.89	0.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.01	26.91	28.63	28.18	3.96	ppb
Cadmium	106-1	23.14	22.55	22.30	22.66	1.91	ppb
Cadmium	111-1	20.09	20.33	20.14	20.19	0.62	ppb
Calcium	43-1	102480.01	103789.95	104397.91	103555.96	0.95	ppb
Calcium	44-1	96770.26	98469.69	97719.24	97653.07	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.67	37.37	38.42	38.15	1.80	ppb
Cobalt	59-2	20.16	19.78	19.52	19.82	1.63	ppb
Copper	63-2	24.85	24.41	24.95	24.74	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				109		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	101144.82	101202.24	101598.78	101315.28	0.24	ppb
Iron	57-2	102237.54	102494.91	100454.57	101729.00	1.09	ppb
Iron	54-2	101536.28	100774.24	100606.95	100972.49	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSAB024	Instrumnet Name :	P7
Client Sample ID :	ICSAB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:23:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.79	23.89	24.45	24.04	1.47	ppb
Lead	207-1	22.90	22.75	23.49	23.05	1.70	ppb
Lead	208-1	23.20	23.19	23.76	23.38	1.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	92758.84	89663.99	90103.36	90842.06	1.84	ppb
Manganese	55-2	27.15	25.66	26.33	26.38	2.82	ppb
Molybdenum	94-1	1719.88	1717.03	1744.62	1727.18	0.88	ppb
Molybdenum	95-1	1939.53	1940.94	1985.75	1955.41	1.34	ppb
Molybdenum	96-1	1933.18	1923.29	1966.06	1940.84	1.15	ppb
Molybdenum	97-1	1980.96	1986.46	2025.75	1997.72	1.22	ppb
Molybdenum	98-1	1972.45	1931.61	1974.99	1959.69	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.51	23.07	24.03	23.87	3.07	ppb
Phosphorus	31-2	94431.91	93071.52	93921.94	93808.46	0.73	ppb
Potassium	39-2	96429.01	95740.38	95183.22	95784.21	0.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	20.72	20.64	20.60	20.65	0.30	ppb
Selenium	77-2	23.89	19.97	20.16	21.34	10.35	ppb
Selenium	78-2	14.52	19.06	18.94	17.51	14.77	ppb
Silicon	28-1	70.47	73.36	73.66	72.50	2.43	ppb
Silver	107-1	18.25	18.59	18.09	18.31	1.39	ppb
Silver	109-1	18.13	18.36	18.08	18.19	0.80	ppb
Sodium	23-2	98425.83	95133.13	98516.61	97358.53	1.98	ppb
Strontium	86-1	82.43	80.86	83.36	82.21	1.54	ppb
Strontium	88-1	82.88	82.16	83.54	82.86	0.84	ppb
Sulfur	34-1	99226.70	101140.32	101115.91	100494.31	1.09	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	21.86	21.97	22.34	22.06	1.15	ppb
Thallium	205-1	22.01	21.96	22.71	22.23	1.88	ppb
Tin	118-1	48.64	50.16	49.30	49.37	1.55	ppb
Titanium	47-1	2094.29	2139.52	2135.24	2123.01	1.18	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSAB024	Instrumnet Name :	P7
Client Sample ID :	ICSAB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:23:38	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	43.30	43.90	44.44	43.88	1.30	ppb
Vanadium	51-2	18.54	18.12	18.23	18.30	1.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	29.73	28.72	28.47	28.97	2.31	ppb
Zirconium	90-1	49.72	49.56	51.03	50.10	1.62	ppb
Zirconium	91-1	50.02	50.02	50.90	50.31	1.00	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P7
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:04:58	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49030.62	48284.45	50845.21	49386.76	2.67	ppb
Antimony	121-1	495.65	486.11	486.98	489.58	1.08	ppb
Arsenic	75-2	454.70	442.10	469.72	455.51	3.04	ppb
Barium	135-1	2514.65	2506.76	2415.72	2479.04	2.22	ppb
Barium	137-1	2461.97	2429.36	2393.66	2428.33	1.41	ppb
Beryllium	9-1	479.17	486.18	490.17	485.17	1.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	478.08	483.67	472.48	478.08	1.17	ppb
Cadmium	106-1	477.55	481.84	470.96	476.78	1.15	ppb
Cadmium	111-1	476.78	472.81	471.63	473.74	0.57	ppb
Calcium	43-1	238788.62	242935.92	250815.87	244180.14	2.50	ppb
Calcium	44-1	240612.60	240094.16	249243.39	243316.71	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	462.77	465.75	487.95	472.16	2.91	ppb
Cobalt	59-2	490.19	494.05	517.34	500.53	2.93	ppb
Copper	63-2	4832.94	4835.60	5025.08	4897.87	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	124207.12	124096.19	130014.01	126105.77	2.68	ppb
Iron	57-2	124143.08	125516.24	129864.95	126508.09	2.36	ppb
Iron	54-2	124087.21	122250.48	129133.84	125157.18	2.85	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P7
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:04:58	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2454.55	2458.79	2497.93	2470.42	0.97	ppb
Lead	207-1	2429.78	2493.39	2468.26	2463.81	1.30	ppb
Lead	208-1	2438.53	2478.32	2489.26	2468.71	1.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	239980.33	239876.70	249767.24	243208.09	2.34	ppb
Manganese	55-2	4531.72	4527.32	4712.15	4590.39	2.30	ppb
Molybdenum	94-1	5257.57	5358.94	5375.39	5330.63	1.20	ppb
Molybdenum	95-1	5227.69	5365.92	5340.11	5311.24	1.38	ppb
Molybdenum	96-1	5227.45	5435.25	5349.58	5337.43	1.96	ppb
Molybdenum	97-1	5229.86	5393.86	5382.26	5335.33	1.72	ppb
Molybdenum	98-1	5217.00	5317.17	5298.97	5277.71	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.50	485.83	506.79	493.04	2.42	ppb
Phosphorus	31-2	9253.34	9224.35	9504.99	9327.56	1.65	ppb
Potassium	39-2	120590.48	120811.66	127183.18	122861.77	3.05	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	466.79	478.55	469.39	471.58	1.31	ppb
Selenium	77-2	449.24	433.37	450.55	444.39	2.15	ppb
Selenium	78-2	451.85	438.03	464.28	451.39	2.91	ppb
Silicon	28-1	506.36	513.95	538.92	519.74	3.28	ppb
Silver	107-1	481.38	479.74	464.86	475.33	1.91	ppb
Silver	109-1	479.96	477.50	472.35	476.60	0.82	ppb
Sodium	23-2	247600.56	245354.87	257771.06	250242.16	2.64	ppb
Strontium	86-1	11925.24	12142.86	12275.87	12114.66	1.46	ppb
Strontium	88-1	11934.98	12059.16	12221.31	12071.81	1.19	ppb
Sulfur	34-1	8948.54	8735.20	9360.77	9014.84	3.53	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	492.68	489.78	502.11	494.86	1.30	ppb
Thallium	205-1	483.87	493.00	506.75	494.54	2.33	ppb
Tin	118-1	505.34	495.02	504.61	501.66	1.15	ppb
Titanium	47-1	5217.02	5289.24	5367.04	5291.10	1.42	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P7
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:04:58	DataFile Name :	024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.21	499.92	513.08	503.40	1.69	ppb
Vanadium	51-2	458.98	456.58	481.68	465.75	2.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4756.92	4787.26	4983.87	4842.68	2.54	ppb
Zirconium	90-1	478.92	495.14	492.54	488.87	1.78	ppb
Zirconium	91-1	479.90	497.70	494.16	490.59	1.92	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P7
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:07:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	1.56	1.69	1.46	20.92	ppb
Antimony	121-1	0.43	0.40	0.42	0.42	3.20	ppb
Arsenic	75-2	0.02	0.00	0.04	0.02	80.75	ppb
Barium	135-1	0.09	0.06	0.09	0.08	19.90	ppb
Barium	137-1	0.13	0.09	0.07	0.09	32.93	ppb
Beryllium	9-1	0.57	0.48	0.37	0.47	21.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.11	0.11	0.07	111.21	ppb
Cadmium	106-1	0.01	-0.96	-2.16	-1.04		ppb
Cadmium	111-1	0.04	-0.05	-0.16	-0.06		ppb
Calcium	43-1	19.16	6.74	3.76	9.89	82.58	ppb
Calcium	44-1	32.12	8.74	7.24	16.04	87.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	22.95	ppb
Copper	63-2	0.28	0.29	0.28	0.28	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	7.47	7.77	9.27	8.17	11.81	ppb
Iron	57-2	0.78	3.25	10.73	4.92	105.34	ppb
Iron	54-2	7.51	8.49	8.58	8.20	7.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P7
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:07:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.44	0.28	0.23	0.32	35.75	ppb
Lead	207-1	0.88	0.28	0.21	0.45	81.10	ppb
Lead	208-1	0.76	0.27	0.23	0.42	69.96	ppb
Lithium	6-1				110		%
Magnesium	24-2	10.40	12.27	12.55	11.74	9.95	ppb
Manganese	55-2	0.30	0.27	0.27	0.28	5.75	ppb
Molybdenum	94-1	0.66	0.56	0.57	0.60	9.60	ppb
Molybdenum	95-1	0.45	0.32	0.32	0.37	20.84	ppb
Molybdenum	96-1	0.50	0.35	0.37	0.41	20.86	ppb
Molybdenum	97-1	0.48	0.34	0.39	0.41	17.29	ppb
Molybdenum	98-1	0.45	0.34	0.34	0.38	17.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-8.51	-14.67	-11.88	-11.69		ppb
Potassium	39-2	8.20	6.76	9.42	8.13	16.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	82-1	0.69	0.00	0.34	0.34	101.36	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.04	-1.36	-0.59		ppb
Silicon	28-1	-6.27	-7.96	-7.67	-7.30		ppb
Silver	107-1	0.09	0.06	0.06	0.07	27.93	ppb
Silver	109-1	0.08	0.06	0.05	0.07	24.24	ppb
Sodium	23-2	99.18	96.57	97.33	97.69	1.37	ppb
Strontium	86-1	0.71	0.40	0.39	0.50	37.44	ppb
Strontium	88-1	0.82	0.36	0.32	0.50	55.21	ppb
Sulfur	34-1	-1390.86	-1477.23	-1359.42	-1409.17		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.09	0.07	0.06	0.07	17.81	ppb
Thallium	205-1	0.10	0.06	0.06	0.08	27.98	ppb
Tin	118-1	0.08	0.09	0.13	0.10	26.96	ppb
Titanium	47-1	0.69	0.23	0.29	0.40	62.27	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P7
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:07:52	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.01	0.01	0.05	129.72	ppb
Vanadium	51-2	0.01	0.01	0.03	0.02	68.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				111		%
Zinc	66-2	0.53	0.58	0.51	0.54	7.06	ppb
Zirconium	90-1	0.18	0.14	0.14	0.15	15.12	ppb
Zirconium	91-1	0.14	0.16	0.16	0.15	8.11	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:25:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.80	2553.29	2549.19	2547.43	0.27	ppb
Antimony	121-1	811.82	788.67	789.12	796.54	1.66	ppb
Arsenic	75-2	544.34	533.76	545.65	541.25	1.20	ppb
Barium	135-1	604.38	590.38	608.52	601.09	1.58	ppb
Barium	137-1	602.25	590.15	601.76	598.05	1.14	ppb
Beryllium	9-1	300.28	298.46	300.52	299.75	0.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	363.69	352.22	349.73	355.21	2.10	ppb
Cadmium	106-1	338.08	318.63	330.48	329.06	2.98	ppb
Cadmium	111-1	405.37	396.46	405.94	402.59	1.32	ppb
Calcium	43-1	163.25	171.98	178.84	171.36	4.56	ppb
Calcium	44-1	88.43	89.03	90.69	89.38	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	561.25	566.09	561.85	563.06	0.47	ppb
Cobalt	59-2	179.84	181.30	180.59	180.58	0.41	ppb
Copper	63-2	651.33	662.27	658.04	657.21	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	1477.70	1520.46	1483.85	1494.01	1.55	ppb
Iron	57-2	1359.12	1361.45	1377.98	1366.18	0.75	ppb
Iron	54-2	1955.77	1973.98	1974.46	1968.07	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:25:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	959.66	940.28	947.98	949.31	1.03	ppb
Lead	207-1	932.06	932.98	922.55	929.20	0.62	ppb
Lead	208-1	939.31	936.42	929.56	935.10	0.54	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.67	2.05	2.46	2.40	13.17	ppb
Manganese	55-2	623.25	631.43	630.37	628.35	0.71	ppb
Molybdenum	94-1	441.81	440.35	446.73	442.96	0.75	ppb
Molybdenum	95-1	529.88	528.21	532.41	530.17	0.40	ppb
Molybdenum	96-1	515.93	519.55	523.63	519.70	0.74	ppb
Molybdenum	97-1	530.85	529.39	539.36	533.20	1.01	ppb
Molybdenum	98-1	529.99	524.88	530.09	528.32	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1600.51	1613.12	1615.89	1609.84	0.51	ppb
Phosphorus	31-2	-22.90	-21.39	-17.27	-20.52		ppb
Potassium	39-2	-17.08	-17.31	-19.44	-17.94		ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	479.85	484.37	487.40	483.87	0.78	ppb
Selenium	77-2	484.53	451.02	477.86	471.14	3.77	ppb
Selenium	78-2	458.52	465.11	454.75	459.46	1.14	ppb
Silicon	28-1	311.37	311.98	313.86	312.40	0.42	ppb
Silver	107-1	612.75	585.49	605.81	601.35	2.36	ppb
Silver	109-1	608.11	599.81	610.87	606.26	0.95	ppb
Sodium	23-2	92.39	94.81	95.41	94.20	1.70	ppb
Strontium	86-1	439.30	441.75	443.26	441.44	0.45	ppb
Strontium	88-1	444.55	437.02	447.43	443.00	1.21	ppb
Sulfur	34-1	-1249.11	-1549.28	-1558.23	-1452.21		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	423.08	413.05	405.85	413.99	2.09	ppb
Thallium	205-1	422.25	415.54	405.90	414.57	1.98	ppb
Tin	118-1	0.34	0.36	0.29	0.33	10.58	ppb
Titanium	47-1	0.33	0.28	0.28	0.30	9.25	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:25:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	93.81	ppb
Vanadium	51-2	1027.38	1034.28	1029.99	1030.55	0.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	609.62	612.77	615.23	612.54	0.46	ppb
Zirconium	90-1	0.31	0.32	0.34	0.32	4.92	ppb
Zirconium	91-1	0.48	0.49	0.45	0.47	3.62	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:28:38	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.50	75.05	73.59	74.05	1.17	ppb
Antimony	121-1	0.38	0.37	0.39	0.38	1.91	ppb
Arsenic	75-2	0.04	0.00	0.05	0.03	80.56	ppb
Barium	135-1	0.25	0.22	0.20	0.22	9.53	ppb
Barium	137-1	0.21	0.23	0.16	0.20	17.81	ppb
Beryllium	9-1	0.27	0.22	0.20	0.23	15.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				114		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.11	0.20	0.14	35.68	ppb
Cadmium	106-1	0.60	-1.24	-1.59	-0.74		ppb
Cadmium	111-1	0.07	-0.06	-0.11	-0.04		ppb
Calcium	43-1	2.82	1.38	-0.23	1.33	114.93	ppb
Calcium	44-1	8.98	9.37	8.08	8.81	7.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.04	0.05	12.23	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	4.42	ppb
Copper	63-2	0.13	0.12	0.18	0.14	20.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				112		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	1.92	2.34	2.31	2.19	10.68	ppb
Iron	57-2	-2.08	-2.30	-2.98	-2.46		ppb
Iron	54-2	1.90	0.70	2.72	1.77	57.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:28:38	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.19	0.20	0.19	3.43	ppb
Lead	207-1	0.17	0.17	0.17	0.17	1.64	ppb
Lead	208-1	0.20	0.19	0.17	0.19	9.28	ppb
Lithium	6-1				111		%
Magnesium	24-2	3.06	4.09	3.89	3.68	14.82	ppb
Manganese	55-2	0.07	0.11	0.07	0.09	28.01	ppb
Molybdenum	94-1	3.17	2.92	3.12	3.07	4.34	ppb
Molybdenum	95-1	0.07	0.08	0.06	0.07	10.42	ppb
Molybdenum	96-1	0.40	0.41	0.36	0.39	6.54	ppb
Molybdenum	97-1	0.09	0.05	0.05	0.07	37.24	ppb
Molybdenum	98-1	0.09	0.09	0.07	0.08	11.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.24	0.27	0.26	6.25	ppb
Phosphorus	31-2	-8.94	-16.79	-21.40	-15.71		ppb
Potassium	39-2	-16.83	-11.74	-14.92	-14.50		ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	-0.30	-0.13	0.64	0.07	735.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.11	0.57	0.43	-0.04		ppb
Silicon	28-1	1839.60	1845.69	1811.57	1832.29	0.99	ppb
Silver	107-1	0.13	0.10	0.07	0.10	31.22	ppb
Silver	109-1	0.13	0.08	0.07	0.10	34.51	ppb
Sodium	23-2	231.94	234.12	234.77	233.61	0.63	ppb
Strontium	86-1	0.04	0.04	0.04	0.04	3.34	ppb
Strontium	88-1	0.06	0.05	0.05	0.05	8.89	ppb
Sulfur	34-1	-1820.16	-2045.38	-2064.11	-1976.55		ppb
Terbium	159-1				108		%
Terbium	159-2				113		%
Thallium	203-1	0.08	0.09	0.07	0.08	6.87	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	9.86	ppb
Tin	118-1	1303.80	1274.73	1281.45	1286.66	1.18	ppb
Titanium	47-1	97.49	97.72	96.13	97.11	0.89	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:28:38	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	32.75	ppb
Vanadium	51-2	0.06	0.03	0.04	0.04	31.90	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	0.25	0.30	0.48	0.34	35.06	ppb
Zirconium	90-1	1.64	1.61	1.53	1.59	3.51	ppb
Zirconium	91-1	1.60	1.67	1.52	1.59	4.79	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:32:00	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	-0.32	-0.19	-0.29		ppb
Antimony	121-1	0.19	0.12	0.08	0.13	46.68	ppb
Arsenic	75-2	0.10	0.06	0.04	0.07	46.02	ppb
Barium	135-1	0.29	0.34	0.25	0.29	14.86	ppb
Barium	137-1	0.24	0.30	0.24	0.26	13.77	ppb
Beryllium	9-1	0.12	0.12	0.09	0.11	16.42	ppb
Bismuth	209-1				143		%
Bismuth	209-2				145		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.03	0.10	0.01	623.98	ppb
Cadmium	106-1	-1.07	-1.98	-1.12	-1.39		ppb
Cadmium	111-1	0.02	-0.09	-0.07	-0.05		ppb
Calcium	43-1	71049.10	82300.67	69808.81	74386.19	9.25	ppb
Calcium	44-1	66702.88	77504.21	65859.07	70022.05	9.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.09	-0.07	-0.08		ppb
Cobalt	59-2	0.08	0.05	0.07	0.07	18.77	ppb
Copper	63-2	0.04	0.04	0.02	0.03	25.01	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				150		%
Holmium	165-2				148		%
Indium	115-1				146		%
Indium	115-2				144		%
Iron	56-2	-0.41	-0.26	-0.30	-0.32		ppb
Iron	57-2	360.09	378.84	379.15	372.69	2.93	ppb
Iron	54-2	-8.15	-7.56	-8.31	-8.01		ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:32:00	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.22	1.32	1.15	1.23	7.17	ppb
Lead	207-1	1.18	1.40	1.13	1.24	11.55	ppb
Lead	208-1	1.20	1.37	1.11	1.22	10.79	ppb
Lithium	6-1				140		%
Magnesium	24-2	27673.46	27937.62	27827.75	27812.94	0.48	ppb
Manganese	55-2	0.13	0.10	0.12	0.12	11.78	ppb
Molybdenum	94-1	0.59	0.71	0.60	0.63	10.24	ppb
Molybdenum	95-1	0.70	0.82	0.71	0.74	9.33	ppb
Molybdenum	96-1	0.71	0.85	0.70	0.76	10.93	ppb
Molybdenum	97-1	0.71	0.86	0.71	0.76	10.80	ppb
Molybdenum	98-1	0.74	0.84	0.71	0.76	8.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.02	0.02	78.42	ppb
Phosphorus	31-2	-31.88	-30.23	-32.75	-31.62		ppb
Potassium	39-2	21709.47	21837.50	21918.92	21821.97	0.48	ppb
Rhodium	103-1				142		%
Rhodium	103-2				145		%
Scandium	45-1				151		%
Scandium	45-2				149		%
Selenium	82-1	0.56	-0.39	0.68	0.28	209.24	ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-2.44	-0.98	0.08	-1.11		ppb
Silicon	28-1	-50.98	-42.26	-49.61	-47.62		ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.56	ppb
Silver	109-1	0.01	0.02	0.01	0.01	13.94	ppb
Sodium	23-2	85530.67	86714.65	86548.37	86264.56	0.74	ppb
Strontium	86-1	6.63	8.09	6.79	7.17	11.19	ppb
Strontium	88-1	6.73	7.97	6.77	7.16	9.81	ppb
Sulfur	34-1	-4116.38	-2995.30	-3431.13	-3514.27		ppb
Terbium	159-1				148		%
Terbium	159-2				148		%
Thallium	203-1	0.60	0.42	0.23	0.42	44.12	ppb
Thallium	205-1	0.65	0.41	0.22	0.43	50.79	ppb
Tin	118-1	0.41	0.30	0.12	0.28	51.49	ppb
Titanium	47-1	-0.02	0.00	-0.02	-0.01		ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:32:00	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	36.33	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	71.28	ppb
Yttrium	89-1				148		%
Yttrium	89-2				146		%
Zinc	66-2	0.87	0.84	0.73	0.82	9.10	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:35:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2605.47	2581.15	2636.73	2607.78	1.07	ppb
Antimony	121-1	788.50	813.54	815.56	805.87	1.87	ppb
Arsenic	75-2	551.46	544.74	553.50	549.90	0.83	ppb
Barium	135-1	604.12	613.50	615.96	611.19	1.02	ppb
Barium	137-1	600.19	608.63	615.41	608.08	1.25	ppb
Beryllium	9-1	296.77	304.71	307.21	302.90	1.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	352.48	352.26	358.40	354.38	0.98	ppb
Cadmium	106-1	336.64	342.02	342.13	340.26	0.92	ppb
Cadmium	111-1	404.25	407.96	415.24	409.15	1.37	ppb
Calcium	43-1	189.12	172.92	175.88	179.31	4.81	ppb
Calcium	44-1	87.87	88.46	87.99	88.11	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	569.17	571.84	579.59	573.53	0.94	ppb
Cobalt	59-2	183.54	184.05	186.12	184.57	0.74	ppb
Copper	63-2	668.30	670.48	675.94	671.57	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				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	1528.14	1512.34	1518.17	1519.55	0.53	ppb
Iron	57-2	1386.15	1405.44	1410.02	1400.54	0.90	ppb
Iron	54-2	2001.57	2010.26	2034.24	2015.36	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:35:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	947.28	972.68	981.89	967.28	1.85	ppb
Lead	207-1	915.00	933.30	942.86	930.39	1.52	ppb
Lead	208-1	928.97	948.89	958.89	945.58	1.61	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.87	2.17	2.67	2.57	14.00	ppb
Manganese	55-2	641.35	638.64	647.04	642.34	0.67	ppb
Molybdenum	94-1	448.73	449.32	447.91	448.65	0.16	ppb
Molybdenum	95-1	538.94	536.03	535.18	536.72	0.37	ppb
Molybdenum	96-1	526.41	526.61	528.93	527.32	0.27	ppb
Molybdenum	97-1	541.82	539.90	542.04	541.25	0.22	ppb
Molybdenum	98-1	536.27	540.14	534.52	536.97	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1629.02	1656.17	1660.06	1648.42	1.03	ppb
Phosphorus	31-2	-11.37	-18.47	-14.60	-14.81		ppb
Potassium	39-2	-11.38	-6.00	-6.92	-8.10		ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	500.80	498.41	490.78	496.66	1.05	ppb
Selenium	77-2	468.36	466.39	464.98	466.58	0.36	ppb
Selenium	78-2	489.51	487.95	477.63	485.03	1.33	ppb
Silicon	28-1	308.96	313.74	314.74	312.48	0.99	ppb
Silver	107-1	594.75	606.82	607.48	603.01	1.19	ppb
Silver	109-1	598.21	607.68	615.58	607.15	1.43	ppb
Sodium	23-2	98.96	101.80	101.57	100.78	1.57	ppb
Strontium	86-1	447.68	448.38	446.96	447.67	0.16	ppb
Strontium	88-1	453.20	454.77	451.98	453.32	0.31	ppb
Sulfur	34-1	-659.25	-1002.90	-1359.48	-1007.21		ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	412.56	417.38	422.09	417.34	1.14	ppb
Thallium	205-1	411.61	416.17	425.64	417.81	1.71	ppb
Tin	118-1	0.36	0.37	0.40	0.38	5.97	ppb
Titanium	47-1	0.20	0.30	0.23	0.24	21.25	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:35:16	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	82.82	ppb
Vanadium	51-2	1031.40	1028.19	1053.90	1037.83	1.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	623.39	623.97	625.88	624.41	0.21	ppb
Zirconium	90-1	0.30	0.29	0.28	0.29	3.73	ppb
Zirconium	91-1	0.45	0.47	0.41	0.45	6.17	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-03	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:38:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.44	74.51	74.49	74.15	0.82	ppb
Antimony	121-1	0.35	0.36	0.40	0.37	7.12	ppb
Arsenic	75-2	0.13	0.02	0.02	0.06	105.58	ppb
Barium	135-1	0.22	0.20	0.17	0.20	11.76	ppb
Barium	137-1	0.20	0.25	0.18	0.21	16.88	ppb
Beryllium	9-1	0.34	0.28	0.20	0.27	25.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.12	0.16	0.12	38.49	ppb
Cadmium	106-1	0.63	-0.23	-0.52	-0.04		ppb
Cadmium	111-1	0.07	0.01	-0.02	0.02	277.06	ppb
Calcium	43-1	-0.16	5.21	0.80	1.95	146.89	ppb
Calcium	44-1	10.70	9.39	8.84	9.64	9.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.07	0.06	0.05	68.02	ppb
Cobalt	59-2	0.04	0.04	0.06	0.05	25.12	ppb
Copper	63-2	0.16	0.18	0.23	0.19	18.81	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				106		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1.88	1.80	1.85	1.84	2.03	ppb
Iron	57-2	-0.39	-0.49	-1.78	-0.89		ppb
Iron	54-2	2.08	1.50	2.16	1.91	18.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-03	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:38:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.18	0.19	0.20	15.19	ppb
Lead	207-1	0.21	0.19	0.18	0.19	8.11	ppb
Lead	208-1	0.22	0.18	0.19	0.20	10.54	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.82	2.92	3.09	2.94	4.72	ppb
Manganese	55-2	0.06	0.09	0.11	0.09	32.35	ppb
Molybdenum	94-1	2.90	2.93	2.97	2.93	1.07	ppb
Molybdenum	95-1	0.09	0.07	0.04	0.06	41.70	ppb
Molybdenum	96-1	0.41	0.37	0.42	0.40	7.04	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	6.80	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	8.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.27	0.20	0.26	24.72	ppb
Phosphorus	31-2	-19.39	-9.45	-17.93	-15.59		ppb
Potassium	39-2	-8.85	-6.37	-10.05	-8.42		ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	1.26	0.65	0.29	0.73	66.90	ppb
Selenium	77-2	0.58	1.17	0.00	0.58	100.36	ppb
Selenium	78-2	1.99	1.53	-0.06	1.15	93.33	ppb
Silicon	28-1	1872.92	1858.09	1874.10	1868.37	0.48	ppb
Silver	107-1	0.12	0.08	0.07	0.09	32.40	ppb
Silver	109-1	0.11	0.07	0.06	0.08	32.34	ppb
Sodium	23-2	248.77	251.88	249.64	250.09	0.64	ppb
Strontium	86-1	0.07	0.06	0.05	0.06	12.07	ppb
Strontium	88-1	0.06	0.06	0.05	0.06	10.16	ppb
Sulfur	34-1	-1603.12	-1676.56	-1509.72	-1596.46		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.06	0.05	0.06	0.06	10.38	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	11.93	ppb
Tin	118-1	1327.63	1322.07	1301.09	1316.93	1.06	ppb
Titanium	47-1	98.54	96.36	98.80	97.90	1.37	ppb

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On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-03	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:38:28	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	21.76	ppb
Vanadium	51-2	0.04	0.05	0.05	0.05	9.67	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.38	0.26	0.34	0.33	17.60	ppb
Zirconium	90-1	1.64	1.57	1.66	1.62	3.03	ppb
Zirconium	91-1	1.59	1.65	1.68	1.64	2.89	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:41:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	-0.29	-0.52	-0.36		ppb
Antimony	121-1	0.08	0.06	0.05	0.06	23.66	ppb
Arsenic	75-2	0.03	0.03	0.04	0.03	24.43	ppb
Barium	135-1	0.25	0.27	0.31	0.28	11.05	ppb
Barium	137-1	0.25	0.22	0.31	0.26	17.95	ppb
Beryllium	9-1	0.09	0.13	0.13	0.12	18.09	ppb
Bismuth	209-1				145		%
Bismuth	209-2				141		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.10	-0.06	0.01	798.79	ppb
Cadmium	106-1	-0.30	-1.85	-0.94	-1.03		ppb
Cadmium	111-1	0.03	-0.11	-0.06	-0.05		ppb
Calcium	43-1	71357.58	71565.85	72043.14	71655.52	0.49	ppb
Calcium	44-1	66428.34	68599.07	68447.36	67824.93	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.07	-0.08	-0.07		ppb
Cobalt	59-2	0.06	0.08	0.08	0.07	11.00	ppb
Copper	63-2	0.03	0.00	0.09	0.04	108.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				153		%
Holmium	165-2				146		%
Indium	115-1				148		%
Indium	115-2				142		%
Iron	56-2	-0.58	-0.35	-0.50	-0.48		ppb
Iron	57-2	378.77	386.99	389.27	385.01	1.44	ppb
Iron	54-2	-8.64	-7.65	-8.87	-8.39		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:41:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.71	0.66	0.67	0.68	3.65	ppb
Lead	207-1	0.67	0.63	0.63	0.64	3.56	ppb
Lead	208-1	0.69	0.63	0.63	0.65	5.06	ppb
Lithium	6-1				144		%
Magnesium	24-2	28159.96	28161.94	28555.36	28292.42	0.80	ppb
Manganese	55-2	0.09	0.07	0.10	0.09	18.25	ppb
Molybdenum	94-1	0.64	0.65	0.61	0.64	3.41	ppb
Molybdenum	95-1	0.72	0.71	0.65	0.69	5.96	ppb
Molybdenum	96-1	0.69	0.75	0.64	0.69	7.71	ppb
Molybdenum	97-1	0.75	0.76	0.74	0.75	0.85	ppb
Molybdenum	98-1	0.78	0.71	0.72	0.74	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.02	0.03	50.36	ppb
Phosphorus	31-2	-34.31	-27.97	-27.34	-29.87		ppb
Potassium	39-2	21908.04	22026.17	22068.49	22000.90	0.38	ppb
Rhodium	103-1				144		%
Rhodium	103-2				141		%
Scandium	45-1				153		%
Scandium	45-2				146		%
Selenium	82-1	0.04	0.63	0.29	0.32	94.04	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.75	-0.80	-1.02	-1.19		ppb
Silicon	28-1	-51.18	-49.31	-48.43	-49.64		ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.10	ppb
Sodium	23-2	85959.38	87654.76	88821.17	87478.44	1.64	ppb
Strontium	86-1	6.82	6.85	7.00	6.89	1.41	ppb
Strontium	88-1	6.96	6.81	6.85	6.87	1.08	ppb
Sulfur	34-1	-4087.49	-3623.16	-3260.16	-3656.94		ppb
Terbium	159-1				151		%
Terbium	159-2				147		%
Thallium	203-1	0.18	0.09	0.09	0.12	42.55	ppb
Thallium	205-1	0.17	0.09	0.08	0.11	42.94	ppb
Tin	118-1	0.11	0.08	0.04	0.07	47.86	ppb
Titanium	47-1	-0.01	-0.03	-0.02	-0.02		ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:41:49	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	86.42	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	67.42	ppb
Yttrium	89-1				151		%
Yttrium	89-2				142		%
Zinc	66-2	0.67	0.49	0.48	0.55	19.68	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:45:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1313.85	1316.70	1298.93	1309.83	0.73	ppb
Antimony	121-1	395.98	398.68	399.60	398.09	0.47	ppb
Arsenic	75-2	277.74	271.05	272.94	273.91	1.26	ppb
Barium	135-1	300.00	301.89	298.61	300.17	0.55	ppb
Barium	137-1	299.33	303.79	302.30	301.80	0.75	ppb
Beryllium	9-1	147.38	151.17	148.65	149.07	1.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	180.01	173.97	174.46	176.15	1.91	ppb
Cadmium	106-1	165.05	166.90	164.07	165.34	0.87	ppb
Cadmium	111-1	200.89	204.15	200.34	201.79	1.02	ppb
Calcium	43-1	96.82	81.94	89.84	89.53	8.32	ppb
Calcium	44-1	49.04	47.71	45.86	47.54	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	285.61	293.27	282.93	287.27	1.87	ppb
Cobalt	59-2	91.22	92.79	90.50	91.50	1.28	ppb
Copper	63-2	336.58	336.73	332.13	335.15	0.78	ppb
Dysprosium	156-1						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				109		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	797.20	806.76	787.30	797.09	1.22	ppb
Iron	57-2	689.48	708.51	687.11	695.04	1.69	ppb
Iron	54-2	1004.58	1014.54	1010.18	1009.77	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:45:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	425.12	440.81	445.49	437.14	2.44	ppb
Lead	207-1	407.16	423.32	425.09	418.52	2.36	ppb
Lead	208-1	438.82	457.06	459.26	451.72	2.48	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.05	2.23	2.50	2.60	16.05	ppb
Manganese	55-2	320.00	324.63	320.53	321.72	0.79	ppb
Molybdenum	94-1	221.15	225.92	228.08	225.05	1.58	ppb
Molybdenum	95-1	263.91	268.38	270.92	267.74	1.33	ppb
Molybdenum	96-1	259.26	265.01	265.72	263.33	1.34	ppb
Molybdenum	97-1	263.44	271.56	272.77	269.26	1.88	ppb
Molybdenum	98-1	263.48	269.20	272.68	268.45	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	824.48	831.71	811.76	822.65	1.23	ppb
Phosphorus	31-2	-14.77	-23.20	-17.82	-18.59		ppb
Potassium	39-2	-7.54	-6.29	-12.02	-8.62		ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	243.16	245.39	250.68	246.41	1.57	ppb
Selenium	77-2	249.50	211.72	211.21	224.15	9.80	ppb
Selenium	78-2	227.24	230.20	228.68	228.70	0.65	ppb
Silicon	28-1	157.45	153.92	151.95	154.44	1.81	ppb
Silver	107-1	294.22	295.99	291.44	293.88	0.78	ppb
Silver	109-1	295.22	295.78	292.45	294.48	0.60	ppb
Sodium	23-2	86.41	85.54	83.21	85.05	1.95	ppb
Strontium	86-1	221.27	224.68	226.76	224.24	1.24	ppb
Strontium	88-1	224.70	226.69	229.81	227.06	1.14	ppb
Sulfur	34-1	-420.48	-849.79	-993.56	-754.61		ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	185.74	191.32	192.78	189.95	1.96	ppb
Thallium	205-1	208.29	213.67	211.67	211.21	1.29	ppb
Tin	118-1	0.24	0.25	0.25	0.25	3.79	ppb
Titanium	47-1	0.20	0.20	0.17	0.19	8.62	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:45:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	79.58	ppb
Vanadium	51-2	525.42	536.54	530.83	530.93	1.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	312.68	312.57	306.64	310.63	1.11	ppb
Zirconium	90-1	0.16	0.17	0.17	0.17	4.13	ppb
Zirconium	91-1	0.22	0.25	0.25	0.24	8.18	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:48:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.24	38.89	36.96	38.36	3.20	ppb
Antimony	121-1	0.24	0.23	0.27	0.25	9.62	ppb
Arsenic	75-2	-0.01	0.07	0.06	0.04	116.92	ppb
Barium	135-1	0.12	0.13	0.12	0.12	5.80	ppb
Barium	137-1	0.15	0.13	0.14	0.14	4.94	ppb
Beryllium	9-1	0.21	0.15	0.12	0.16	27.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.12	0.07	0.07	62.71	ppb
Cadmium	106-1	0.04	-0.39	-1.60	-0.65		ppb
Cadmium	111-1	0.02	-0.02	-0.11	-0.04		ppb
Calcium	43-1	7.18	-0.30	3.80	3.56	105.37	ppb
Calcium	44-1	8.53	8.30	6.49	7.77	14.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.00	0.04	0.04	108.40	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	8.89	ppb
Copper	63-2	0.16	0.10	0.14	0.13	23.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	0.94	0.87	0.93	0.91	3.88	ppb
Iron	57-2	-3.00	-1.34	-0.42	-1.59		ppb
Iron	54-2	0.66	-0.03	1.06	0.57	97.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:48:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.14	0.12	0.13	7.84	ppb
Lead	207-1	0.13	0.12	0.12	0.12	6.58	ppb
Lead	208-1	0.15	0.13	0.12	0.13	8.87	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.90	2.56	2.34	2.27	14.78	ppb
Manganese	55-2	0.08	0.08	0.06	0.07	14.41	ppb
Molybdenum	94-1	1.60	1.49	1.53	1.54	3.55	ppb
Molybdenum	95-1	0.03	0.06	0.06	0.05	30.79	ppb
Molybdenum	96-1	0.22	0.20	0.17	0.20	11.20	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.06	6.72	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.05	23.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.04	0.09	0.09	56.67	ppb
Phosphorus	31-2	-16.02	-23.02	-21.46	-20.17		ppb
Potassium	39-2	-12.16	-11.67	-12.00	-11.95		ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	0.13	-0.03	0.38	0.16	130.43	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	-0.11	-0.26	-0.29		ppb
Silicon	28-1	926.03	928.52	927.49	927.34	0.13	ppb
Silver	107-1	0.07	0.07	0.05	0.06	20.28	ppb
Silver	109-1	0.09	0.05	0.05	0.06	34.43	ppb
Sodium	23-2	141.13	141.55	145.48	142.72	1.68	ppb
Strontium	86-1	0.07	0.05	0.08	0.07	29.60	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	1.27	ppb
Sulfur	34-1	-1560.79	-1636.85	-1820.02	-1672.56		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.04	0.03	0.04	11.68	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	10.53	ppb
Tin	118-1	647.26	665.41	639.62	650.76	2.04	ppb
Titanium	47-1	48.06	48.57	48.45	48.36	0.56	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:48:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	80.71	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	13.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				109		%
Zinc	66-2	0.24	0.24	0.19	0.22	11.80	ppb
Zirconium	90-1	0.79	0.82	0.84	0.82	2.97	ppb
Zirconium	91-1	0.82	0.85	0.81	0.82	2.94	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	5
Date & Time Acquired :	2024-10-17 18:51:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	0.85	1.28	1.13	21.46	ppb
Antimony	121-1	0.06	0.06	0.08	0.06	15.46	ppb
Arsenic	75-2	-0.01	0.02	0.02	0.01	199.01	ppb
Barium	135-1	0.06	0.08	0.07	0.07	15.75	ppb
Barium	137-1	0.07	0.09	0.08	0.08	9.94	ppb
Beryllium	9-1	0.17	0.14	0.16	0.16	10.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.02	0.07	-0.01		ppb
Cadmium	106-1	-0.94	0.68	-2.56	-0.94		ppb
Cadmium	111-1	-0.06	0.06	-0.19	-0.07		ppb
Calcium	43-1	14227.82	14206.72	14363.47	14266.00	0.60	ppb
Calcium	44-1	13332.10	13484.33	13749.76	13522.06	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.01	-0.03		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	22.97	ppb
Copper	63-2	-0.05	0.01	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				112		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	0.22	0.22	0.16	0.20	18.12	ppb
Iron	57-2	76.53	72.04	73.59	74.05	3.08	ppb
Iron	54-2	-3.30	-0.87	-2.48	-2.22		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	5
Date & Time Acquired :	2024-10-17 18:51:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.07	0.07	0.09	28.92	ppb
Lead	207-1	0.10	0.08	0.09	0.09	8.97	ppb
Lead	208-1	0.11	0.09	0.09	0.09	12.35	ppb
Lithium	6-1				109		%
Magnesium	24-2	5690.89	5707.90	5722.95	5707.25	0.28	ppb
Manganese	55-2	0.04	0.04	0.02	0.03	33.34	ppb
Molybdenum	94-1	0.14	0.16	0.16	0.15	8.65	ppb
Molybdenum	95-1	0.16	0.17	0.16	0.16	4.07	ppb
Molybdenum	96-1	0.16	0.18	0.18	0.17	8.34	ppb
Molybdenum	97-1	0.14	0.20	0.20	0.18	19.90	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.00	0.00		ppb
Phosphorus	31-2	-19.46	-18.63	-18.44	-18.84		ppb
Potassium	39-2	4582.05	4585.86	4604.72	4590.87	0.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.38	-0.22	-0.05	0.04	785.60	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	1.29	0.52	0.47	181.37	ppb
Silicon	28-1	-18.44	-19.00	-16.55	-18.00		ppb
Silver	107-1	0.02	0.01	0.01	0.01	31.71	ppb
Silver	109-1	0.01	0.02	0.01	0.01	25.23	ppb
Sodium	23-2	16855.42	17009.54	17062.55	16975.84	0.63	ppb
Strontium	86-1	1.48	1.40	1.39	1.42	3.35	ppb
Strontium	88-1	1.38	1.35	1.34	1.36	1.34	ppb
Sulfur	34-1	-1678.66	-1525.19	-1357.69	-1520.51		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.23	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.74	ppb
Tin	118-1	0.11	0.12	0.15	0.13	17.82	ppb
Titanium	47-1	0.01	0.03	0.09	0.04	96.58	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	5
Date & Time Acquired :	2024-10-17 18:51:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	47.47	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	0.03	0.19	-0.04	0.06	206.40	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	128.49	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	2009.37	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P7
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:55:08	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47877.20	48054.39	48654.70	48195.43	0.85	ppb
Antimony	121-1	464.21	483.75	493.21	480.39	3.08	ppb
Arsenic	75-2	456.26	450.02	453.42	453.23	0.69	ppb
Barium	135-1	2383.24	2420.18	2498.95	2434.12	2.43	ppb
Barium	137-1	2343.69	2411.62	2452.50	2402.61	2.29	ppb
Beryllium	9-1	474.18	482.42	492.73	483.11	1.92	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	460.62	479.02	479.20	472.95	2.26	ppb
Cadmium	106-1	456.42	473.74	472.32	467.50	2.06	ppb
Cadmium	111-1	450.76	468.78	473.64	464.39	2.60	ppb
Calcium	43-1	236714.37	241380.58	256072.75	244722.57	4.13	ppb
Calcium	44-1	234237.84	241570.15	251629.92	242479.30	3.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.02	458.25	464.60	463.95	1.17	ppb
Cobalt	59-2	495.19	492.36	492.64	493.40	0.32	ppb
Copper	63-2	4900.00	4754.81	4869.45	4841.42	1.58	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				103		%
Holmium	165-2				105		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	123881.96	123512.61	124641.08	124011.88	0.46	ppb
Iron	57-2	125492.67	124865.83	126193.73	125517.41	0.53	ppb
Iron	54-2	124228.99	123127.50	125135.30	124163.93	0.81	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P7
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:55:08	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2391.13	2443.50	2480.61	2438.41	1.84	ppb
Lead	207-1	2382.11	2452.47	2482.63	2439.07	2.11	ppb
Lead	208-1	2385.50	2449.30	2498.96	2444.59	2.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	239560.13	237775.19	240908.81	239414.71	0.66	ppb
Manganese	55-2	4530.45	4526.46	4583.42	4546.77	0.70	ppb
Molybdenum	94-1	5223.74	5265.53	5294.06	5261.11	0.67	ppb
Molybdenum	95-1	5217.69	5310.29	5245.14	5257.70	0.90	ppb
Molybdenum	96-1	5173.12	5342.11	5284.16	5266.46	1.63	ppb
Molybdenum	97-1	5198.53	5322.57	5342.32	5287.81	1.47	ppb
Molybdenum	98-1	5173.36	5275.71	5300.05	5249.71	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.20	484.44	486.08	485.91	0.29	ppb
Phosphorus	31-2	9287.16	9080.57	9077.04	9148.25	1.32	ppb
Potassium	39-2	120707.55	120379.76	121832.36	120973.22	0.63	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	450.16	465.47	465.53	460.39	1.92	ppb
Selenium	77-2	437.57	425.71	451.60	438.29	2.96	ppb
Selenium	78-2	449.91	442.68	450.74	447.78	0.99	ppb
Silicon	28-1	479.98	496.20	527.23	501.14	4.79	ppb
Silver	107-1	453.61	463.61	474.02	463.75	2.20	ppb
Silver	109-1	456.57	477.91	471.80	468.76	2.34	ppb
Sodium	23-2	244673.01	243250.62	241653.41	243192.35	0.62	ppb
Strontium	86-1	11740.78	11898.30	12164.44	11934.51	1.79	ppb
Strontium	88-1	11742.53	12009.98	12073.15	11941.89	1.47	ppb
Sulfur	34-1	8595.12	9177.85	9862.04	9211.67	6.88	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	472.05	493.15	500.20	488.47	3.00	ppb
Thallium	205-1	485.31	488.50	501.71	491.84	1.77	ppb
Tin	118-1	486.78	496.00	501.92	494.90	1.54	ppb
Titanium	47-1	5162.59	5279.98	5517.89	5320.15	3.40	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P7
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:55:08	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.00	505.13	507.00	500.71	1.86	ppb
Vanadium	51-2	458.09	453.11	458.09	456.43	0.63	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	4779.36	4751.38	4779.71	4770.15	0.34	ppb
Zirconium	90-1	471.90	483.91	487.99	481.27	1.74	ppb
Zirconium	91-1	476.00	483.39	485.56	481.65	1.04	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P7
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:58:04	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.91	0.92	1.29	42.45	ppb
Antimony	121-1	0.36	0.34	0.43	0.38	12.37	ppb
Arsenic	75-2	0.06	0.11	0.06	0.08	41.85	ppb
Barium	135-1	0.14	0.08	0.05	0.09	47.39	ppb
Barium	137-1	0.14	0.07	0.08	0.10	39.69	ppb
Beryllium	9-1	0.36	0.34	0.26	0.32	15.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	-0.02	0.07	0.04	123.12	ppb
Cadmium	106-1	0.68	-1.61	1.05	0.04	3555.71	ppb
Cadmium	111-1	0.06	-0.08	0.12	0.03	318.74	ppb
Calcium	43-1	6.76	7.01	3.98	5.92	28.47	ppb
Calcium	44-1	12.40	7.54	5.86	8.60	39.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.00	0.02	80.51	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	10.00	ppb
Copper	63-2	0.22	0.33	0.29	0.28	20.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	5.24	6.36	5.10	5.57	12.38	ppb
Iron	57-2	1.27	2.34	0.88	1.49	50.54	ppb
Iron	54-2	3.69	6.28	4.61	4.86	26.96	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P7
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:58:04	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.25	0.22	0.17	0.22	17.75	ppb
Lead	207-1	0.22	0.19	0.18	0.20	12.76	ppb
Lead	208-1	0.26	0.21	0.19	0.22	16.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	8.84	11.58	9.38	9.93	14.61	ppb
Manganese	55-2	0.18	0.22	0.19	0.20	9.54	ppb
Molybdenum	94-1	0.66	0.50	0.47	0.55	18.58	ppb
Molybdenum	95-1	0.45	0.39	0.31	0.39	18.31	ppb
Molybdenum	96-1	0.50	0.37	0.37	0.41	17.85	ppb
Molybdenum	97-1	0.39	0.37	0.32	0.36	10.10	ppb
Molybdenum	98-1	0.43	0.36	0.30	0.37	18.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.04	-0.02		ppb
Phosphorus	31-2	-16.99	-12.88	-22.44	-17.44		ppb
Potassium	39-2	2.90	36.86	-2.05	12.57	168.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.10	0.36	0.05	0.17	97.83	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.38	1.56	-0.38	0.85	125.20	ppb
Silicon	28-1	-11.49	-13.38	-11.65	-12.18		ppb
Silver	107-1	0.08	0.06	0.05	0.06	26.41	ppb
Silver	109-1	0.06	0.05	0.04	0.05	20.13	ppb
Sodium	23-2	68.43	83.95	64.71	72.36	14.10	ppb
Strontium	86-1	0.64	0.42	0.33	0.46	33.76	ppb
Strontium	88-1	0.60	0.43	0.36	0.46	27.06	ppb
Sulfur	34-1	-962.50	-1183.93	-1108.00	-1084.81		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.06	0.07	10.18	ppb
Thallium	205-1	0.08	0.06	0.05	0.06	22.24	ppb
Tin	118-1	0.09	0.16	0.15	0.13	29.74	ppb
Titanium	47-1	0.41	0.26	0.26	0.31	27.91	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P7
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:58:04	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	33.42	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	37.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.40	0.40	0.28	0.36	18.85	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	6.52	ppb
Zirconium	91-1	0.11	0.12	0.11	0.11	2.37	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:01:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1268.68	1330.40	1251.88	1283.65	3.22	ppb
Antimony	121-1	387.89	397.85	399.18	394.98	1.56	ppb
Arsenic	75-2	270.88	276.71	263.54	270.38	2.44	ppb
Barium	135-1	296.20	300.61	303.31	300.04	1.20	ppb
Barium	137-1	295.24	301.81	303.64	300.23	1.47	ppb
Beryllium	9-1	146.33	148.89	150.21	148.48	1.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	173.20	179.62	176.76	176.53	1.82	ppb
Cadmium	106-1	166.43	166.72	170.77	167.97	1.44	ppb
Cadmium	111-1	199.78	203.96	204.42	202.72	1.26	ppb
Calcium	43-1	127.71	88.79	96.88	104.46	19.66	ppb
Calcium	44-1	80.30	45.43	44.38	56.70	36.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281.94	295.81	279.31	285.69	3.10	ppb
Cobalt	59-2	90.29	92.88	88.16	90.44	2.61	ppb
Copper	63-2	328.76	342.01	322.78	331.18	2.97	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				107		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	784.59	823.07	768.87	792.18	3.52	ppb
Iron	57-2	701.39	694.41	651.23	682.34	3.98	ppb
Iron	54-2	989.36	1024.30	953.44	989.03	3.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:01:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	426.96	426.26	427.03	426.75	0.10	ppb
Lead	207-1	410.42	407.72	411.74	409.96	0.50	ppb
Lead	208-1	444.63	445.01	440.93	443.53	0.51	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.46	3.18	1.29	2.31	41.26	ppb
Manganese	55-2	312.45	327.95	311.48	317.29	2.91	ppb
Molybdenum	94-1	219.22	226.64	223.14	223.00	1.66	ppb
Molybdenum	95-1	264.22	271.33	265.04	266.86	1.46	ppb
Molybdenum	96-1	260.48	266.98	260.07	262.51	1.48	ppb
Molybdenum	97-1	268.09	274.38	268.43	270.30	1.31	ppb
Molybdenum	98-1	261.55	270.17	263.65	265.12	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	804.43	841.44	796.45	814.10	2.95	ppb
Phosphorus	31-2	-6.58	-7.42	-13.82	-9.27		ppb
Potassium	39-2	-12.76	-10.04	-17.64	-13.48		ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	241.64	249.79	238.17	243.20	2.45	ppb
Selenium	77-2	215.19	257.70	243.45	238.78	9.06	ppb
Selenium	78-2	224.28	245.88	225.97	232.04	5.18	ppb
Silicon	28-1	145.30	148.64	152.09	148.68	2.28	ppb
Silver	107-1	287.92	294.76	295.31	292.67	1.41	ppb
Silver	109-1	287.70	294.88	293.99	292.19	1.34	ppb
Sodium	23-2	69.63	71.89	65.77	69.09	4.48	ppb
Strontium	86-1	221.11	227.82	221.76	223.56	1.66	ppb
Strontium	88-1	222.17	229.73	226.71	226.20	1.68	ppb
Sulfur	34-1	-1317.49	-1494.14	-1543.60	-1451.75		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	185.64	185.85	185.44	185.64	0.11	ppb
Thallium	205-1	207.92	206.96	203.99	206.29	0.99	ppb
Tin	118-1	0.19	0.19	0.22	0.20	7.43	ppb
Titanium	47-1	0.74	0.25	0.22	0.40	72.95	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:01:26	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	45.59	ppb
Vanadium	51-2	516.52	544.58	515.65	525.58	3.13	ppb
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	306.87	321.99	302.36	310.41	3.31	ppb
Zirconium	90-1	0.23	0.23	0.22	0.23	2.30	ppb
Zirconium	91-1	0.27	0.26	0.30	0.28	7.34	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:04:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.11	36.98	37.27	36.79	1.64	ppb
Antimony	121-1	0.23	0.25	0.26	0.25	5.56	ppb
Arsenic	75-2	0.02	0.11	0.00	0.04	124.17	ppb
Barium	135-1	0.12	0.16	0.13	0.14	16.02	ppb
Barium	137-1	0.10	0.14	0.13	0.12	15.23	ppb
Beryllium	9-1	0.22	0.20	0.14	0.19	21.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.07	-0.06	0.00		ppb
Cadmium	106-1	-1.05	-0.91	-1.59	-1.18		ppb
Cadmium	111-1	-0.06	-0.06	-0.10	-0.07		ppb
Calcium	43-1	0.90	1.82	4.91	2.54	82.78	ppb
Calcium	44-1	7.30	8.24	6.68	7.41	10.62	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	52.91	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	9.62	ppb
Copper	63-2	0.04	0.08	0.17	0.09	70.69	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				106		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	1.19	1.56	1.41	1.39	13.38	ppb
Iron	57-2	-3.60	-2.26	-0.27	-2.05		ppb
Iron	54-2	-0.76	0.61	1.10	0.32	301.25	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:04:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.15	0.17	0.16	6.44	ppb
Lead	207-1	0.15	0.12	0.12	0.13	14.39	ppb
Lead	208-1	0.15	0.14	0.15	0.14	3.89	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.40	2.06	2.62	2.36	11.86	ppb
Manganese	55-2	0.04	0.08	0.06	0.06	27.97	ppb
Molybdenum	94-1	1.63	1.49	1.55	1.56	4.57	ppb
Molybdenum	95-1	0.08	0.06	0.06	0.07	16.31	ppb
Molybdenum	96-1	0.21	0.24	0.23	0.23	7.27	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	12.53	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	14.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.16	0.07	0.12	35.95	ppb
Phosphorus	31-2	-11.58	-20.04	-16.80	-16.14		ppb
Potassium	39-2	-17.18	-9.58	-14.22	-13.66		ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	-0.03	0.51	0.16	0.21	126.15	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.88	0.35	1.37	0.87	59.15	ppb
Silicon	28-1	918.61	949.42	922.83	930.29	1.80	ppb
Silver	107-1	0.07	0.06	0.05	0.06	20.11	ppb
Silver	109-1	0.08	0.05	0.05	0.06	32.96	ppb
Sodium	23-2	137.89	142.14	137.51	139.18	1.85	ppb
Strontium	86-1	0.06	0.04	0.04	0.04	25.19	ppb
Strontium	88-1	0.06	0.04	0.05	0.05	18.75	ppb
Sulfur	34-1	-1757.33	-1560.19	-1817.57	-1711.70		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.06	0.04	0.04	0.05	23.41	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	7.80	ppb
Tin	118-1	643.52	659.82	660.82	654.72	1.48	ppb
Titanium	47-1	48.92	50.75	49.71	49.80	1.84	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:04:46	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	134.87	ppb
Vanadium	51-2	0.03	0.02	0.04	0.03	25.13	ppb
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	0.19	0.34	0.33	0.29	29.68	ppb
Zirconium	90-1	0.86	0.83	0.86	0.85	1.92	ppb
Zirconium	91-1	0.79	0.84	0.82	0.82	3.00	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:08:06	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.15	0.35	0.38	65.54	ppb
Antimony	121-1	0.06	0.06	0.07	0.07	10.05	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	68.26	ppb
Barium	135-1	0.14	0.12	0.12	0.13	5.43	ppb
Barium	137-1	0.11	0.14	0.14	0.13	13.55	ppb
Beryllium	9-1	0.15	0.11	0.08	0.11	28.89	ppb
Bismuth	209-1				116		%
Bismuth	209-2				119		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.02	0.14	0.04	195.52	ppb
Cadmium	106-1	-1.15	-0.91	-0.85	-0.97		ppb
Cadmium	111-1	-0.07	-0.04	-0.07	-0.06		ppb
Calcium	43-1	34106.70	35350.42	35369.01	34942.04	2.07	ppb
Calcium	44-1	32484.44	33093.12	34059.06	33212.20	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.06	-0.04		ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	24.09	ppb
Copper	63-2	0.02	0.02	0.01	0.02	39.93	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				120		%
Holmium	165-2				121		%
Indium	115-1				118		%
Indium	115-2				117		%
Iron	56-2	0.44	0.19	0.32	0.32	40.59	ppb
Iron	57-2	179.67	175.90	198.68	184.75	6.61	ppb
Iron	54-2	-3.72	-3.91	-3.84	-3.82		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:08:06	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.21	0.19	0.20	5.05	ppb
Lead	207-1	0.21	0.18	0.17	0.19	10.62	ppb
Lead	208-1	0.19	0.20	0.19	0.19	2.51	ppb
Lithium	6-1				121		%
Magnesium	24-2	13685.84	13478.78	13252.84	13472.49	1.61	ppb
Manganese	55-2	0.09	0.07	0.08	0.08	10.70	ppb
Molybdenum	94-1	0.32	0.30	0.32	0.32	3.79	ppb
Molybdenum	95-1	0.40	0.40	0.35	0.38	7.99	ppb
Molybdenum	96-1	0.40	0.40	0.40	0.40	1.23	ppb
Molybdenum	97-1	0.41	0.40	0.49	0.44	11.20	ppb
Molybdenum	98-1	0.38	0.42	0.41	0.40	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.04	0.03	19.00	ppb
Phosphorus	31-2	-17.54	-16.42	-19.44	-17.80		ppb
Potassium	39-2	10721.28	10494.98	10551.15	10589.14	1.11	ppb
Rhodium	103-1				114		%
Rhodium	103-2				117		%
Scandium	45-1				119		%
Scandium	45-2				119		%
Selenium	82-1	0.56	0.14	0.33	0.34	61.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	-0.56	-0.79	-0.31		ppb
Silicon	28-1	-30.96	-28.37	-26.88	-28.74		ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.63	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.62	ppb
Sodium	23-2	41356.02	41403.62	41438.70	41399.44	0.10	ppb
Strontium	86-1	3.43	3.46	3.37	3.42	1.34	ppb
Strontium	88-1	3.38	3.42	3.41	3.40	0.66	ppb
Sulfur	34-1	-2648.44	-2139.13	-1754.63	-2180.73		ppb
Terbium	159-1				120		%
Terbium	159-2				121		%
Thallium	203-1	0.06	0.05	0.04	0.05	17.09	ppb
Thallium	205-1	0.06	0.04	0.03	0.04	29.06	ppb
Tin	118-1	0.04	0.06	0.09	0.06	41.95	ppb
Titanium	47-1	-0.01	0.03	0.09	0.04	138.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:08:06	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	46.17	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	36.60	ppb
Yttrium	89-1				118		%
Yttrium	89-2				118		%
Zinc	66-2	0.24	0.26	0.33	0.28	17.20	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BL	Instrumnet Name :	P7
Client Sample ID :	PBW203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:16:39	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.02	-0.13	-0.11		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	17.15	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	369.92	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.01	0.00	2817.00	ppb
Beryllium	9-1	0.10	0.14	0.11	0.12	17.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.36	-2.70	-1.12	-1.73		ppb
Cadmium	111-1	-0.09	-0.21	-0.08	-0.13		ppb
Calcium	43-1	-2.76	0.34	-1.38	-1.27		ppb
Calcium	44-1	0.20	-0.17	-1.41	-0.46		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	206.93	ppb
Copper	63-2	0.04	-0.01	0.00	0.01	270.39	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				106		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	0.10	0.03	-0.01	0.04	143.73	ppb
Iron	57-2	-4.70	-4.86	-3.81	-4.46		ppb
Iron	54-2	-2.38	-0.60	1.06	-0.64		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BL	Instrumnet Name :	P7
Client Sample ID :	PBW203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:16:39	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.07	0.04	0.06	28.56	ppb
Lead	207-1	0.05	0.04	0.05	0.05	9.26	ppb
Lead	208-1	0.05	0.05	0.04	0.05	9.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.57	2.51	2.46	2.18	24.40	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.01	0.03	0.02	43.30	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	59.27	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	5.90	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	42.88	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	28.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.03	-0.03		ppb
Phosphorus	31-2	-13.44	-15.65	-22.11	-17.06		ppb
Potassium	39-2	-19.45	-11.85	-13.70	-15.00		ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.44	-0.32	0.59	-0.06		ppb
Selenium	77-2	0.00	1.17	0.00	0.39	173.21	ppb
Selenium	78-2	-0.76	-0.24	-1.59	-0.86		ppb
Silicon	28-1	-15.16	-13.76	-12.07	-13.66		ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.82	ppb
Sodium	23-2	23.75	25.02	25.25	24.68	3.27	ppb
Strontium	86-1	-0.01	0.03	-0.02	0.00	37314.30	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	42.44	ppb
Sulfur	34-1	-929.50	-641.00	-816.71	-795.74		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.02	17.09	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	13.84	ppb
Tin	118-1	0.01	0.02	0.05	0.03	86.64	ppb
Titanium	47-1	0.01	0.05	0.03	0.03	70.42	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BL	Instrumnet Name :	P7
Client Sample ID :	PBW203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:16:39	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	6.53	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	157.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	-0.02	-0.07	0.08	0.00		ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	114.84	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	67.63	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BS	Instrumnet Name :	P7
Client Sample ID :	LCS203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:20:02	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10104.33	10101.57	10047.66	10084.52	0.32	ppb
Antimony	121-1	518.66	624.94	511.21	551.60	11.53	ppb
Arsenic	75-2	476.32	481.69	480.50	479.50	0.59	ppb
Barium	135-1	2606.15	3084.88	2524.52	2738.52	11.05	ppb
Barium	137-1	2539.46	3035.23	2507.38	2694.02	10.98	ppb
Beryllium	9-1	495.85	595.37	490.06	527.10	11.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	508.33	616.92	504.45	543.23	11.75	ppb
Cadmium	106-1	508.03	610.93	503.40	540.79	11.24	ppb
Cadmium	111-1	515.67	619.61	507.53	547.60	11.41	ppb
Calcium	43-1	56014.81	70276.84	56038.19	60776.62	13.54	ppb
Calcium	44-1	51930.28	64272.61	51865.23	56022.70	12.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.91	492.37	486.18	489.49	0.64	ppb
Cobalt	59-2	486.02	487.09	483.49	485.53	0.38	ppb
Copper	63-2	4899.21	4936.27	4861.20	4898.89	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				101		%
Holmium	165-2				110		%
Indium	115-1				95		%
Indium	115-2				104		%
Iron	56-2	26475.14	26663.58	26363.86	26500.86	0.57	ppb
Iron	57-2	27590.88	27742.61	27492.08	27608.52	0.46	ppb
Iron	54-2	26836.20	26764.55	27321.85	26974.20	1.12	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BS	Instrumnet Name :	P7
Client Sample ID :	LCS203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:20:02	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2507.29	3074.06	2486.63	2689.33	12.40	ppb
Lead	207-1	2489.55	3044.30	2492.39	2675.41	11.94	ppb
Lead	208-1	2497.01	3049.18	2486.16	2677.45	12.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	47431.11	48182.67	47333.76	47649.18	0.97	ppb
Manganese	55-2	4821.42	4811.97	4758.48	4797.29	0.71	ppb
Molybdenum	94-1	5477.22	6869.39	5392.02	5912.88	14.03	ppb
Molybdenum	95-1	5432.19	6769.00	5423.03	5874.74	13.18	ppb
Molybdenum	96-1	5446.31	6930.24	5408.54	5928.36	14.64	ppb
Molybdenum	97-1	5461.06	6943.85	5463.89	5956.27	14.36	ppb
Molybdenum	98-1	5463.39	6813.28	5407.59	5894.75	13.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.40	488.93	481.28	484.54	0.82	ppb
Phosphorus	31-2	9629.11	9636.88	9672.39	9646.13	0.24	ppb
Potassium	39-2	25469.25	25223.91	25208.40	25300.52	0.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				105		%
Selenium	82-1	504.91	619.05	505.80	543.26	12.08	ppb
Selenium	77-2	490.44	482.55	471.19	481.39	2.01	ppb
Selenium	78-2	480.52	493.63	466.59	480.25	2.82	ppb
Silicon	28-1	501.03	654.50	509.48	555.00	15.54	ppb
Silver	107-1	526.28	627.19	517.34	556.94	10.95	ppb
Silver	109-1	539.61	636.22	521.33	565.72	10.91	ppb
Sodium	23-2	50688.49	51106.78	50521.25	50772.17	0.59	ppb
Strontium	86-1	12475.30	15316.04	12397.05	13396.13	12.42	ppb
Strontium	88-1	12418.41	15289.95	12370.60	13359.65	12.51	ppb
Sulfur	34-1	9238.11	13365.62	9032.10	10545.27	23.18	ppb
Terbium	159-1				100		%
Terbium	159-2				110		%
Thallium	203-1	500.48	608.09	503.74	537.44	11.39	ppb
Thallium	205-1	500.80	610.85	497.39	536.34	12.03	ppb
Tin	118-1	516.11	622.95	501.45	546.84	12.13	ppb
Titanium	47-1	5467.50	6791.35	5441.97	5900.27	13.08	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BS	Instrumnet Name :	P7
Client Sample ID :	LCS203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:20:02	DataFile Name :	042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.46	599.91	485.77	528.05	11.85	ppb
Vanadium	51-2	478.27	479.66	471.04	476.32	0.97	ppb
Yttrium	89-1				97		%
Yttrium	89-2				106		%
Zinc	66-2	4846.39	4839.31	4819.50	4835.07	0.29	ppb
Zirconium	90-1	489.13	614.55	495.41	533.03	13.26	ppb
Zirconium	91-1	495.81	624.16	494.13	538.04	13.86	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BL	Instrumnet Name :	P7
Client Sample ID :	PBW204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:22:59	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.27	0.13	0.12	120.78	ppb
Antimony	121-1	0.32	0.30	0.35	0.32	9.11	ppb
Arsenic	75-2	0.02	0.07	0.02	0.04	75.87	ppb
Barium	135-1	0.11	0.06	0.06	0.08	40.53	ppb
Barium	137-1	0.07	0.06	0.03	0.05	35.86	ppb
Beryllium	9-1	0.32	0.26	0.21	0.26	21.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.02	0.12	0.04	166.15	ppb
Cadmium	106-1	0.30	-1.21	-1.02	-0.64		ppb
Cadmium	111-1	0.03	-0.07	-0.05	-0.03		ppb
Calcium	43-1	-1.50	0.85	-1.46	-0.70		ppb
Calcium	44-1	2.08	0.70	0.98	1.25	58.18	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	0.02	60.33	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	36.64	ppb
Copper	63-2	0.16	0.15	0.09	0.13	31.33	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				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	0.65	0.89	0.99	0.84	20.86	ppb
Iron	57-2	-2.92	-4.32	-1.86	-3.03		ppb
Iron	54-2	1.48	0.25	-0.14	0.53	159.70	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BL	Instrumnet Name :	P7
Client Sample ID :	PBW204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:22:59	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.19	0.17	0.20	15.38	ppb
Lead	207-1	0.25	0.15	0.13	0.18	36.60	ppb
Lead	208-1	0.23	0.18	0.17	0.19	17.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.27	2.08	1.82	2.06	11.03	ppb
Manganese	55-2	0.12	0.18	0.17	0.15	21.11	ppb
Molybdenum	94-1	0.53	0.48	0.47	0.49	6.99	ppb
Molybdenum	95-1	0.41	0.33	0.29	0.34	17.93	ppb
Molybdenum	96-1	0.41	0.33	0.36	0.37	11.79	ppb
Molybdenum	97-1	0.40	0.27	0.28	0.32	22.84	ppb
Molybdenum	98-1	0.37	0.30	0.30	0.32	12.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.01	0.00	551.84	ppb
Phosphorus	31-2	-20.05	-12.74	-14.08	-15.63		ppb
Potassium	39-2	-15.95	-14.10	-12.62	-14.22		ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	0.38	0.49	0.76	0.54	35.43	ppb
Selenium	77-2	0.00	0.00	1.17	0.39	173.21	ppb
Selenium	78-2	-0.01	-0.75	-0.04	-0.27		ppb
Silicon	28-1	-8.21	-9.96	-10.80	-9.65		ppb
Silver	107-1	0.08	0.07	0.05	0.07	23.24	ppb
Silver	109-1	0.08	0.06	0.06	0.06	16.55	ppb
Sodium	23-2	30.10	29.95	28.25	29.43	3.49	ppb
Strontium	86-1	0.49	0.29	0.27	0.35	35.19	ppb
Strontium	88-1	0.50	0.32	0.25	0.35	35.79	ppb
Sulfur	34-1	-1051.56	-1310.37	-1352.06	-1238.00		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.05	0.05	0.05	9.78	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	26.21	ppb
Tin	118-1	0.06	0.06	0.07	0.06	9.47	ppb
Titanium	47-1	0.36	0.26	0.24	0.29	21.44	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BL	Instrumnet Name :	P7
Client Sample ID :	PBW204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:22:59	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	25.47	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	64.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	0.29	0.36	0.32	0.32	10.40	ppb
Zirconium	90-1	0.11	0.08	0.09	0.09	13.25	ppb
Zirconium	91-1	0.13	0.08	0.10	0.10	20.85	ppb

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BS	Instrumnet Name :	P7
Client Sample ID :	LCS204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:26:21	DataFile Name :	044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10297.58	10406.75	10043.39	10249.24	1.82	ppb
Antimony	121-1	520.46	511.09	519.71	517.09	1.01	ppb
Arsenic	75-2	480.62	488.74	478.58	482.65	1.11	ppb
Barium	135-1	2599.50	2539.90	2589.72	2576.37	1.24	ppb
Barium	137-1	2547.27	2521.16	2543.20	2537.21	0.55	ppb
Beryllium	9-1	502.63	486.92	497.51	495.69	1.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.46	503.80	510.48	508.91	0.89	ppb
Cadmium	106-1	508.19	492.95	504.94	502.03	1.60	ppb
Cadmium	111-1	514.56	505.14	514.39	511.37	1.05	ppb
Calcium	43-1	58647.29	57588.47	57176.40	57804.05	1.31	ppb
Calcium	44-1	54701.49	53134.52	53114.30	53650.10	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.13	507.14	491.68	499.65	1.55	ppb
Cobalt	59-2	492.50	499.61	484.98	492.36	1.49	ppb
Copper	63-2	4971.89	5040.62	4903.84	4972.12	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				107		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	27173.89	27404.97	26629.52	27069.46	1.47	ppb
Iron	57-2	28370.33	28563.71	27529.19	28154.41	1.95	ppb
Iron	54-2	27653.53	27867.06	26545.31	27355.30	2.59	ppb
Krypton	83-1						cps

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On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BS	Instrumnet Name :	P7
Client Sample ID :	LCS204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:26:21	DataFile Name :	044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2546.81	2465.60	2543.28	2518.56	1.82	ppb
Lead	207-1	2541.95	2449.04	2526.11	2505.70	1.98	ppb
Lead	208-1	2553.12	2474.02	2541.65	2522.93	1.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	48203.47	49037.98	47027.58	48089.68	2.10	ppb
Manganese	55-2	4963.80	4900.91	4809.68	4891.46	1.58	ppb
Molybdenum	94-1	5646.14	5504.49	5553.71	5568.12	1.29	ppb
Molybdenum	95-1	5583.40	5455.39	5559.25	5532.68	1.23	ppb
Molybdenum	96-1	5609.00	5475.30	5578.65	5554.31	1.26	ppb
Molybdenum	97-1	5612.22	5496.86	5636.15	5581.74	1.33	ppb
Molybdenum	98-1	5600.81	5488.72	5556.30	5548.61	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.78	499.15	485.78	493.57	1.41	ppb
Phosphorus	31-2	9869.58	9920.54	9585.40	9791.84	1.84	ppb
Potassium	39-2	25391.60	25824.27	25165.49	25460.45	1.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	506.68	498.74	507.83	504.42	0.98	ppb
Selenium	77-2	501.81	487.55	443.83	477.73	6.32	ppb
Selenium	78-2	486.71	484.32	460.65	477.23	3.02	ppb
Silicon	28-1	524.92	514.60	524.73	521.42	1.13	ppb
Silver	107-1	515.63	516.22	515.94	515.93	0.06	ppb
Silver	109-1	530.90	506.85	526.77	521.51	2.47	ppb
Sodium	23-2	51299.11	52177.06	50568.32	51348.16	1.57	ppb
Strontium	86-1	12821.27	12382.91	12711.62	12638.60	1.80	ppb
Strontium	88-1	12807.60	12456.19	12851.98	12705.26	1.71	ppb
Sulfur	34-1	9493.99	8957.48	8927.99	9126.48	3.49	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	510.00	502.11	503.20	505.10	0.85	ppb
Thallium	205-1	514.47	502.42	506.63	507.84	1.20	ppb
Tin	118-1	514.41	517.05	513.72	515.06	0.34	ppb
Titanium	47-1	5717.55	5551.21	5555.53	5608.10	1.69	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BS	Instrumnet Name :	P7
Client Sample ID :	LCS204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:26:21	DataFile Name :	044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.32	487.27	493.52	493.37	1.22	ppb
Vanadium	51-2	488.78	493.52	475.95	486.08	1.87	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	4926.12	4963.36	4840.86	4910.11	1.28	ppb
Zirconium	90-1	509.38	499.04	506.60	505.01	1.06	ppb
Zirconium	91-1	511.38	501.10	508.32	506.94	1.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:29:17	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49897.41	49248.51	48808.55	49318.16	1.11	ppb
Antimony	121-1	495.72	487.54	498.37	493.88	1.14	ppb
Arsenic	75-2	466.25	459.77	453.74	459.92	1.36	ppb
Barium	135-1	2522.87	2510.14	2482.27	2505.09	0.83	ppb
Barium	137-1	2478.47	2462.12	2502.08	2480.89	0.81	ppb
Beryllium	9-1	491.04	490.23	499.01	493.42	0.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	476.83	481.83	479.66	479.44	0.52	ppb
Cadmium	106-1	474.43	476.48	482.09	477.67	0.83	ppb
Cadmium	111-1	475.47	474.72	476.20	475.46	0.16	ppb
Calcium	43-1	247824.81	253584.42	258415.84	253275.02	2.09	ppb
Calcium	44-1	246602.21	252629.81	254440.99	251224.34	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.23	477.29	469.79	475.43	1.05	ppb
Cobalt	59-2	504.12	500.28	492.99	499.13	1.13	ppb
Copper	63-2	4982.12	4886.18	4818.73	4895.68	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				105		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	129848.30	127991.52	126151.48	127997.10	1.44	ppb
Iron	57-2	129090.11	127466.92	126967.43	127841.49	0.87	ppb
Iron	54-2	128904.90	128175.75	126838.11	127972.92	0.82	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:29:17	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2541.54	2477.80	2516.47	2511.94	1.28	ppb
Lead	207-1	2533.93	2475.00	2510.01	2506.31	1.18	ppb
Lead	208-1	2540.22	2489.83	2519.71	2516.59	1.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	245597.32	241787.15	241918.08	243100.85	0.89	ppb
Manganese	55-2	4679.74	4687.21	4589.96	4652.31	1.16	ppb
Molybdenum	94-1	5442.38	5511.98	5544.22	5499.53	0.95	ppb
Molybdenum	95-1	5457.18	5506.18	5555.74	5506.37	0.89	ppb
Molybdenum	96-1	5433.11	5489.05	5523.36	5481.84	0.83	ppb
Molybdenum	97-1	5449.66	5453.89	5573.64	5492.40	1.28	ppb
Molybdenum	98-1	5432.40	5463.67	5495.30	5463.79	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.08	486.07	484.28	489.81	1.65	ppb
Phosphorus	31-2	9295.70	9353.13	9024.09	9224.30	1.91	ppb
Potassium	39-2	125890.27	124023.42	123645.55	124519.75	0.97	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	463.29	475.65	479.48	472.81	1.79	ppb
Selenium	77-2	448.71	477.59	477.63	467.97	3.56	ppb
Selenium	78-2	448.97	458.96	432.13	446.69	3.03	ppb
Silicon	28-1	498.60	509.86	528.58	512.35	2.96	ppb
Silver	107-1	482.75	475.14	477.89	478.60	0.81	ppb
Silver	109-1	490.60	480.35	480.01	483.65	1.24	ppb
Sodium	23-2	252671.60	246583.95	247358.76	248871.44	1.33	ppb
Strontium	86-1	12202.40	12349.31	12365.72	12305.81	0.73	ppb
Strontium	88-1	12279.76	12491.37	12398.07	12389.73	0.86	ppb
Sulfur	34-1	8831.04	9264.36	9467.19	9187.53	3.54	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	509.71	502.03	501.11	504.29	0.94	ppb
Thallium	205-1	507.10	500.07	508.38	505.18	0.89	ppb
Tin	118-1	491.93	495.31	496.62	494.62	0.49	ppb
Titanium	47-1	5297.22	5449.77	5492.51	5413.17	1.90	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:29:17	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.03	512.63	512.79	515.48	0.93	ppb
Vanadium	51-2	472.84	468.12	465.86	468.94	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	4863.48	4782.56	4763.35	4803.13	1.11	ppb
Zirconium	90-1	494.29	501.23	501.76	499.10	0.84	ppb
Zirconium	91-1	495.23	502.05	505.95	501.08	1.08	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:35:42	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.23	1.09	2.18	1.50	39.69	ppb
Antimony	121-1	0.13	0.18	0.20	0.17	19.63	ppb
Arsenic	75-2	0.00	0.15	0.06	0.07	102.75	ppb
Barium	135-1	0.02	0.02	0.02	0.02	1.39	ppb
Barium	137-1	0.04	0.01	0.03	0.03	48.61	ppb
Beryllium	9-1	0.26	0.28	0.21	0.25	12.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.02	-0.06	-0.05		ppb
Cadmium	106-1	-1.75	-1.49	-0.44	-1.23		ppb
Cadmium	111-1	-0.12	-0.10	-0.01	-0.08		ppb
Calcium	43-1	3.83	1.16	0.05	1.68	115.82	ppb
Calcium	44-1	1.93	0.98	2.47	1.79	42.00	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	-0.01		ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	30.58	ppb
Copper	63-2	0.10	0.23	0.23	0.19	38.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	3.94	4.63	5.00	4.52	11.89	ppb
Iron	57-2	0.97	3.32	3.53	2.61	54.41	ppb
Iron	54-2	3.83	3.85	5.83	4.50	25.56	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:35:42	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.13	0.14	0.13	2.92	ppb
Lead	207-1	0.15	0.12	0.14	0.14	9.54	ppb
Lead	208-1	0.13	0.13	0.14	0.13	2.80	ppb
Lithium	6-1				103		%
Magnesium	24-2	6.88	7.75	8.34	7.66	9.61	ppb
Manganese	55-2	0.15	0.21	0.15	0.17	19.03	ppb
Molybdenum	94-1	0.26	0.24	0.25	0.25	3.74	ppb
Molybdenum	95-1	0.11	0.10	0.18	0.13	29.62	ppb
Molybdenum	96-1	0.13	0.12	0.17	0.14	17.60	ppb
Molybdenum	97-1	0.14	0.11	0.14	0.13	9.75	ppb
Molybdenum	98-1	0.12	0.11	0.15	0.13	16.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.00	-0.01	0.01	242.17	ppb
Phosphorus	31-2	-20.77	-11.59	-5.54	-12.64		ppb
Potassium	39-2	-12.92	-5.56	-10.56	-9.68		ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	0.28	0.63	0.70	0.53	42.07	ppb
Selenium	77-2	0.59	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	-0.92	-0.87	-1.57	-1.12		ppb
Silicon	28-1	-14.00	-11.88	-13.17	-13.02		ppb
Silver	107-1	0.03	0.04	0.03	0.03	15.61	ppb
Silver	109-1	0.03	0.02	0.04	0.03	20.36	ppb
Sodium	23-2	42.59	45.81	45.06	44.49	3.78	ppb
Strontium	86-1	0.15	0.12	0.12	0.13	13.15	ppb
Strontium	88-1	0.13	0.12	0.17	0.14	17.95	ppb
Sulfur	34-1	-1109.53	-874.86	-998.57	-994.32		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.04	0.04	0.04	1.33	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	21.08	ppb
Tin	118-1	0.01	0.06	0.04	0.04	62.09	ppb
Titanium	47-1	0.08	0.13	0.16	0.12	35.05	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:35:42	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.01	0.00	36.53	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	29.69	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.15	0.23	0.35	0.24	40.40	ppb
Zirconium	90-1	0.08	0.09	0.10	0.09	8.08	ppb
Zirconium	91-1	0.06	0.08	0.08	0.07	15.07	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P4319-09	Instrumnet Name :	P7
Client Sample ID :	MC0C97	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:47:18	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	560.44	562.75	561.54	561.58	0.21	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	12.72	ppb
Arsenic	75-2	1.11	1.38	1.10	1.20	12.90	ppb
Barium	135-1	123.52	121.75	120.05	121.77	1.42	ppb
Barium	137-1	121.53	121.00	120.98	121.17	0.26	ppb
Beryllium	9-1	0.25	0.20	0.23	0.22	11.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-1.59	-0.83	-2.10	-1.51		ppb
Cadmium	111-1	-0.10	-0.02	-0.13	-0.08		ppb
Calcium	43-1	15754.17	16307.10	15966.81	16009.36	1.74	ppb
Calcium	44-1	15139.65	15553.53	15304.67	15332.62	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	2.14	2.20	2.15	2.15	ppb
Cobalt	59-2	1.41	1.39	1.36	1.39	1.95	ppb
Copper	63-2	1.08	1.05	1.12	1.08	3.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				113		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	40869.86	41680.09	40775.56	41108.50	1.21	ppb
Iron	57-2	43400.77	43472.18	42845.86	43239.60	0.79	ppb
Iron	54-2	41522.22	41451.45	40725.94	41233.20	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P4319-09	Instrumnet Name :	P7
Client Sample ID :	MC0C97	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:47:18	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.68	1.77	1.72	1.72	2.65	ppb
Lead	207-1	1.68	1.71	1.67	1.69	1.24	ppb
Lead	208-1	1.64	1.71	1.67	1.67	2.25	ppb
Lithium	6-1				108		%
Magnesium	24-2	6506.04	6571.35	6448.39	6508.59	0.95	ppb
Manganese	55-2	216.67	220.32	216.50	217.83	0.99	ppb
Molybdenum	94-1	0.57	0.59	0.59	0.58	1.78	ppb
Molybdenum	95-1	0.11	0.13	0.17	0.14	23.99	ppb
Molybdenum	96-1	0.45	0.44	0.48	0.45	5.12	ppb
Molybdenum	97-1	0.15	0.16	0.13	0.15	9.82	ppb
Molybdenum	98-1	0.12	0.10	0.13	0.12	13.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.77	1.74	1.69	6.91	ppb
Phosphorus	31-2	-1.88	0.62	1.53	0.09	2008.24	ppb
Potassium	39-2	4526.10	4553.68	4475.38	4518.39	0.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	-0.26	0.99	1.07	0.60	123.48	ppb
Selenium	77-2	4.40	7.15	3.27	4.94	40.43	ppb
Selenium	78-2	0.79	0.14	3.17	1.37	116.83	ppb
Silicon	28-1	4148.71	4190.27	4217.73	4185.57	0.83	ppb
Silver	107-1	0.00	0.01	0.01	0.01	43.01	ppb
Silver	109-1	0.01	0.00	0.01	0.01	32.67	ppb
Sodium	23-2	23986.67	24236.88	24103.97	24109.17	0.52	ppb
Strontium	86-1	89.24	86.82	87.47	87.84	1.43	ppb
Strontium	88-1	88.92	89.80	88.42	89.05	0.78	ppb
Sulfur	34-1	30157.43	31062.95	31331.87	30850.75	1.99	ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.53	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.03	ppb
Tin	118-1	0.51	0.46	0.47	0.48	6.23	ppb
Titanium	47-1	2.37	2.42	2.06	2.29	8.53	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P4319-09	Instrumnet Name :	P7
Client Sample ID :	MC0C97	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:47:18	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.09	0.09	0.09	5.28	ppb
Vanadium	51-2	1.40	1.53	1.48	1.47	4.31	ppb
Yttrium	89-1				112		%
Yttrium	89-2				115		%
Zinc	66-2	27.53	26.66	25.19	26.46	4.48	ppb
Zirconium	90-1	0.22	0.23	0.24	0.23	4.16	ppb
Zirconium	91-1	0.21	0.19	0.23	0.21	9.69	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BL	Instrumnet Name :	P7
Client Sample ID :	PBS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:02:14	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	-0.26	0.02	-0.12		ppb
Antimony	121-1	0.01	0.02	0.02	0.01	52.56	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	401.32	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.08	0.08	0.14	0.10	32.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.06	-0.02	-0.03		ppb
Cadmium	106-1	-2.00	-1.42	-1.70	-1.71		ppb
Cadmium	111-1	-0.14	-0.09	-0.13	-0.12		ppb
Calcium	43-1	-3.49	-2.48	-3.59	-3.19		ppb
Calcium	44-1	-0.11	-0.41	-0.94	-0.48		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	28.59	ppb
Copper	63-2	-0.04	0.06	0.01	0.01	531.16	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				107		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	0.65	0.75	1.07	0.82	26.95	ppb
Iron	57-2	-1.81	0.31	-3.12	-1.54		ppb
Iron	54-2	-0.75	-1.29	-0.72	-0.92		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BL	Instrumnet Name :	P7
Client Sample ID :	PBS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:02:14	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.04	0.04	23.21	ppb
Lead	207-1	0.03	0.04	0.03	0.03	12.81	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.05	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.87	1.77	1.84	1.83	2.83	ppb
Manganese	55-2	0.02	0.02	0.00	0.01	73.01	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	21.47	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.01	38.16	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.03	10.29	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	74.09	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	28.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	-0.02	-0.05		ppb
Phosphorus	31-2	-17.30	-14.37	-23.44	-18.37		ppb
Potassium	39-2	-18.68	-11.00	-15.62	-15.10		ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	-0.36	0.37	0.98	0.33	203.42	ppb
Selenium	77-2	0.57	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	1.32	0.21	-1.05	0.16	749.06	ppb
Silicon	28-1	-9.86	-10.65	-9.25	-9.92		ppb
Silver	107-1	0.00	0.00	0.01	0.01	60.17	ppb
Silver	109-1	0.01	0.00	0.01	0.00	94.51	ppb
Sodium	23-2	17.59	16.84	16.52	16.98	3.21	ppb
Strontium	86-1	0.02	0.01	0.00	0.01	71.89	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	39.11	ppb
Sulfur	34-1	-563.32	-781.92	-696.23	-680.49		ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.02	0.01	0.01	20.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.97	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.00	0.03	-0.01	0.01	223.16	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BL	Instrumnet Name :	P7
Client Sample ID :	PBS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:02:14	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	98.62	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	112.58	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	-0.02	0.15	0.02	0.05	184.38	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.28	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	117.19	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BS	Instrumnet Name :	P7
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:05:37	DataFile Name :	051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.33	41.05	41.37	41.58	1.60	ppb
Antimony	121-1	4.19	4.25	4.08	4.18	2.07	ppb
Arsenic	75-2	2.30	1.91	1.66	1.96	16.50	ppb
Barium	135-1	18.86	18.67	19.10	18.88	1.16	ppb
Barium	137-1	19.12	19.17	19.12	19.14	0.16	ppb
Beryllium	9-1	2.01	2.17	2.38	2.19	8.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	2.32	2.09	2.05	13.86	ppb
Cadmium	106-1	2.28	1.33	2.33	1.98	28.60	ppb
Cadmium	111-1	2.51	2.24	2.49	2.41	6.35	ppb
Calcium	43-1	1021.38	1026.29	1014.85	1020.84	0.56	ppb
Calcium	44-1	1034.08	1051.66	1041.62	1042.45	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.43	4.58	4.33	4.44	2.85	ppb
Cobalt	59-2	2.11	2.06	1.99	2.05	2.88	ppb
Copper	63-2	4.29	4.32	4.03	4.21	3.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	459.13	462.11	453.48	458.24	0.96	ppb
Iron	57-2	452.84	468.87	448.26	456.65	2.37	ppb
Iron	54-2	469.36	462.29	452.95	461.53	1.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BS	Instrumnet Name :	P7
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:05:37	DataFile Name :	051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	1.88	1.83	1.85	1.55	ppb
Lead	207-1	1.82	1.84	1.83	1.83	0.47	ppb
Lead	208-1	1.85	1.86	1.85	1.85	0.28	ppb
Lithium	6-1				110		%
Magnesium	24-2	1078.99	1085.12	1064.75	1076.29	0.97	ppb
Manganese	55-2	2.14	2.04	2.12	2.10	2.38	ppb
Molybdenum	94-1	12.56	12.18	12.18	12.30	1.80	ppb
Molybdenum	95-1	9.91	10.04	9.97	9.97	0.63	ppb
Molybdenum	96-1	10.29	10.12	10.27	10.23	0.89	ppb
Molybdenum	97-1	10.33	10.03	9.66	10.01	3.32	ppb
Molybdenum	98-1	10.05	9.91	10.03	10.00	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.30	2.01	2.12	7.33	ppb
Phosphorus	31-2	-16.84	-8.34	-16.41	-13.86		ppb
Potassium	39-2	1090.80	1097.05	1069.58	1085.81	1.33	ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	10.65	11.27	10.05	10.66	5.70	ppb
Selenium	77-2	8.97	10.22	9.58	9.59	6.53	ppb
Selenium	78-2	8.92	7.08	9.50	8.50	14.92	ppb
Silicon	28-1	12.26	11.95	11.29	11.83	4.21	ppb
Silver	107-1	2.03	2.08	2.10	2.07	1.71	ppb
Silver	109-1	2.01	2.09	2.10	2.07	2.50	ppb
Sodium	23-2	1083.53	1089.71	1076.14	1083.13	0.63	ppb
Strontium	86-1	2.03	2.11	2.06	2.07	2.14	ppb
Strontium	88-1	2.05	2.06	2.06	2.06	0.25	ppb
Sulfur	34-1	-630.03	-634.54	-614.13	-626.23		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	1.72	1.72	1.74	1.73	0.47	ppb
Thallium	205-1	1.78	1.79	1.78	1.78	0.11	ppb
Tin	118-1	0.02	0.00	0.04	0.02	83.63	ppb
Titanium	47-1	10.19	10.06	10.24	10.16	0.90	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BS	Instrumnet Name :	P7
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:05:37	DataFile Name :	051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.69	1.73	1.64	1.69	2.50	ppb
Vanadium	51-2	9.95	9.94	9.62	9.84	1.88	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	10.54	10.66	10.44	10.55	1.08	ppb
Zirconium	90-1	2.15	2.13	2.07	2.12	1.93	ppb
Zirconium	91-1	2.18	2.09	2.07	2.11	2.67	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:09:01	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.14	21.58	21.90	22.21	3.70	ppb
Antimony	121-1	2.04	2.09	2.16	2.10	2.73	ppb
Arsenic	75-2	1.05	1.10	0.99	1.05	5.51	ppb
Barium	135-1	9.66	9.48	9.50	9.54	1.04	ppb
Barium	137-1	9.66	9.61	9.89	9.72	1.53	ppb
Beryllium	9-1	1.02	1.13	1.00	1.05	6.52	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.89	1.63	1.13	38.12	ppb
Cadmium	106-1	0.66	0.05	-0.13	0.20	211.43	ppb
Cadmium	111-1	1.40	1.06	1.07	1.17	16.45	ppb
Calcium	43-1	492.35	500.80	525.82	506.32	3.44	ppb
Calcium	44-1	520.40	527.61	531.16	526.39	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.28	2.40	2.25	2.31	3.45	ppb
Cobalt	59-2	1.10	1.12	1.13	1.12	1.26	ppb
Copper	63-2	2.05	2.23	2.20	2.16	4.68	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				107		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	233.82	235.82	235.14	234.93	0.43	ppb
Iron	57-2	235.92	245.87	235.44	239.08	2.46	ppb
Iron	54-2	238.35	235.55	245.63	239.84	2.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:09:01	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.92	0.88	0.97	0.92	4.89	ppb
Lead	207-1	0.96	1.00	0.94	0.97	3.03	ppb
Lead	208-1	0.94	0.93	0.96	0.94	1.62	ppb
Lithium	6-1				111		%
Magnesium	24-2	558.68	550.83	545.94	551.82	1.16	ppb
Manganese	55-2	0.98	0.99	1.12	1.03	7.15	ppb
Molybdenum	94-1	6.04	6.16	6.39	6.19	2.90	ppb
Molybdenum	95-1	5.01	5.17	5.08	5.09	1.63	ppb
Molybdenum	96-1	5.15	5.18	5.40	5.24	2.57	ppb
Molybdenum	97-1	5.11	5.03	5.23	5.12	2.02	ppb
Molybdenum	98-1	4.98	4.99	5.07	5.01	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.12	1.09	1.12	2.12	ppb
Phosphorus	31-2	-12.71	-13.89	-12.07	-12.89		ppb
Potassium	39-2	548.73	547.60	549.64	548.66	0.19	ppb
Rhodium	103-1				107		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	5.92	4.97	5.15	5.35	9.51	ppb
Selenium	77-2	5.66	1.71	3.99	3.79	52.41	ppb
Selenium	78-2	6.70	8.29	4.42	6.47	30.08	ppb
Silicon	28-1	2.83	0.80	3.55	2.40	59.49	ppb
Silver	107-1	1.08	1.08	1.06	1.07	1.22	ppb
Silver	109-1	1.01	1.06	1.10	1.06	4.19	ppb
Sodium	23-2	562.05	561.96	559.23	561.08	0.29	ppb
Strontium	86-1	1.00	1.05	1.02	1.02	2.86	ppb
Strontium	88-1	1.06	1.02	1.03	1.04	1.86	ppb
Sulfur	34-1	-861.27	-906.03	-704.66	-823.99		ppb
Terbium	159-1				107		%
Terbium	159-2				112		%
Thallium	203-1	0.90	0.96	0.91	0.93	3.50	ppb
Thallium	205-1	0.86	0.86	0.88	0.87	1.09	ppb
Tin	118-1	0.00	0.01	0.02	0.01	69.00	ppb
Titanium	47-1	5.58	5.29	5.44	5.44	2.62	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:09:01	DataFile Name :	052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.86	0.84	2.92	ppb
Vanadium	51-2	4.93	5.07	4.91	4.97	1.70	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	5.40	5.27	4.66	5.11	7.74	ppb
Zirconium	90-1	1.10	1.08	1.08	1.09	0.92	ppb
Zirconium	91-1	1.01	0.96	1.10	1.02	6.98	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2745-12	Instrumnet Name :	P7
Client Sample ID :	MYD3X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:16:02	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40454.17	40910.91	41449.68	40938.26	1.22	ppb
Antimony	121-1	1.33	1.35	1.35	1.34	0.84	ppb
Arsenic	75-2	142.88	144.05	146.39	144.44	1.24	ppb
Barium	135-1	261.49	259.80	262.56	261.28	0.53	ppb
Barium	137-1	257.06	257.92	260.36	258.45	0.66	ppb
Beryllium	9-1	1.36	1.43	1.43	1.41	2.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.33	3.73	3.28	3.45	7.16	ppb
Cadmium	106-1	3.93	2.22	2.94	3.03	28.41	ppb
Cadmium	111-1	3.14	2.61	2.84	2.86	9.41	ppb
Calcium	43-1	16453.85	16473.17	16386.90	16437.97	0.28	ppb
Calcium	44-1	15737.08	15968.46	15746.91	15817.48	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.56	38.83	39.30	38.90	0.97	ppb
Cobalt	59-2	34.33	35.21	35.18	34.91	1.43	ppb
Copper	63-2	253.85	257.02	256.80	255.89	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				111		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	87931.38	88851.13	89059.90	88614.14	0.68	ppb
Iron	57-2	88640.95	89877.13	88840.95	89119.68	0.74	ppb
Iron	54-2	87704.92	88651.12	88661.14	88339.06	0.62	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2745-12	Instrumnet Name :	P7
Client Sample ID :	MYD3X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:16:02	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.11	176.92	176.63	173.89	2.88	ppb
Lead	207-1	170.46	184.42	178.24	177.71	3.94	ppb
Lead	208-1	169.32	179.96	176.32	175.20	3.09	ppb
Lithium	6-1				115		%
Magnesium	24-2	16252.79	16497.91	16615.22	16455.30	1.12	ppb
Manganese	55-2	1721.11	1717.23	1744.65	1727.66	0.86	ppb
Molybdenum	94-1	14.53	14.68	14.74	14.65	0.75	ppb
Molybdenum	95-1	0.88	0.82	0.81	0.84	4.38	ppb
Molybdenum	96-1	2.74	2.95	2.89	2.86	3.80	ppb
Molybdenum	97-1	0.91	0.81	0.90	0.87	6.44	ppb
Molybdenum	98-1	0.79	0.82	0.80	0.81	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.85	37.51	38.94	38.10	1.96	ppb
Phosphorus	31-2	2276.93	2381.40	2348.34	2335.56	2.29	ppb
Potassium	39-2	6211.42	6359.32	6404.03	6324.92	1.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				121		%
Scandium	45-2				120		%
Selenium	82-1	0.59	1.50	1.66	1.25	46.09	ppb
Selenium	77-2	12.93	14.11	16.40	14.48	12.18	ppb
Selenium	78-2	4.30	3.46	2.62	3.46	24.26	ppb
Silicon	28-1	7181.91	7253.93	7124.88	7186.91	0.90	ppb
Silver	107-1	1.02	0.98	1.02	1.01	2.15	ppb
Silver	109-1	1.01	0.98	0.98	0.99	1.36	ppb
Sodium	23-2	304.91	315.74	321.13	313.93	2.63	ppb
Strontium	86-1	61.51	63.02	62.23	62.25	1.22	ppb
Strontium	88-1	61.66	62.46	62.61	62.24	0.82	ppb
Sulfur	34-1	-1305.85	-1685.17	-1686.02	-1559.01		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	0.36	0.40	0.45	0.40	11.20	ppb
Thallium	205-1	0.36	0.41	0.45	0.41	10.27	ppb
Tin	118-1	1.46	1.58	1.59	1.54	4.62	ppb
Titanium	47-1	1294.31	1308.53	1281.37	1294.74	1.05	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2745-12	Instrumnet Name :	P7
Client Sample ID :	MYD3X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:16:02	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.68	0.66	0.66	4.16	ppb
Vanadium	51-2	137.54	137.67	138.78	138.00	0.49	ppb
Yttrium	89-1				118		%
Yttrium	89-2				120		%
Zinc	66-2	489.12	493.96	495.77	492.95	0.70	ppb
Zirconium	90-1	7.65	7.74	7.73	7.71	0.61	ppb
Zirconium	91-1	7.40	7.83	7.76	7.67	3.04	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02ARE	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:47:22	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39399.39	39848.53	39101.06	39449.66	0.95	ppb
Antimony	121-1	1.00	1.02	1.02	1.01	0.90	ppb
Arsenic	75-2	309.47	311.12	307.38	309.33	0.61	ppb
Barium	135-1	530.97	526.07	527.89	528.31	0.47	ppb
Barium	137-1	524.33	519.92	522.81	522.35	0.43	ppb
Beryllium	9-1	2.01	2.04	2.18	2.08	4.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	2.23	2.37	2.31	3.03	ppb
Cadmium	106-1	1.46	2.66	1.28	1.80	41.67	ppb
Cadmium	111-1	0.76	0.74	0.65	0.72	8.17	ppb
Calcium	43-1	8160.46	8525.82	8609.71	8432.00	2.83	ppb
Calcium	44-1	7869.91	8185.36	8093.61	8049.63	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.80	98.57	98.01	98.46	0.41	ppb
Cobalt	59-2	55.42	55.73	54.97	55.38	0.69	ppb
Copper	63-2	106.53	107.84	105.19	106.52	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				111		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	96694.40	97537.54	94868.40	96366.78	1.42	ppb
Iron	57-2	94993.99	97869.03	94801.47	95888.16	1.79	ppb
Iron	54-2	95473.02	97476.63	95608.91	96186.19	1.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02ARE	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:47:22	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.07	96.82	99.46	97.79	1.49	ppb
Lead	207-1	93.60	94.52	96.67	94.93	1.66	ppb
Lead	208-1	95.18	96.13	99.80	97.04	2.51	ppb
Lithium	6-1				109		%
Magnesium	24-2	16593.92	16549.26	16066.69	16403.29	1.78	ppb
Manganese	55-2	2851.76	2849.26	2791.17	2830.73	1.21	ppb
Molybdenum	94-1	29.29	29.82	30.75	29.95	2.47	ppb
Molybdenum	95-1	1.27	1.14	1.10	1.17	7.88	ppb
Molybdenum	96-1	4.83	4.77	4.79	4.80	0.69	ppb
Molybdenum	97-1	1.10	1.12	1.15	1.12	2.33	ppb
Molybdenum	98-1	1.13	1.14	1.09	1.12	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.26	100.91	98.69	99.29	1.43	ppb
Phosphorus	31-2	1649.91	1627.28	1629.99	1635.72	0.76	ppb
Potassium	39-2	10570.11	10548.49	10486.39	10535.00	0.41	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				122		%
Scandium	45-2				121		%
Selenium	82-1	0.67	0.81	1.16	0.88	28.64	ppb
Selenium	77-2	11.86	17.20	19.00	16.02	23.20	ppb
Selenium	78-2	2.88	3.44	4.38	3.57	21.25	ppb
Silicon	28-1	6833.28	6992.75	7089.69	6971.91	1.86	ppb
Silver	107-1	0.17	0.21	0.20	0.19	10.80	ppb
Silver	109-1	0.15	0.19	0.19	0.18	10.57	ppb
Sodium	23-2	202.55	207.60	210.08	206.74	1.85	ppb
Strontium	86-1	72.80	72.90	74.66	73.45	1.42	ppb
Strontium	88-1	73.10	74.17	76.62	74.63	2.42	ppb
Sulfur	34-1	-2671.62	-2736.00	-2692.69	-2700.10		ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	0.57	0.57	0.61	0.58	3.98	ppb
Thallium	205-1	0.57	0.55	0.59	0.57	3.52	ppb
Tin	118-1	1.26	1.27	1.26	1.26	0.29	ppb
Titanium	47-1	1189.30	1223.32	1238.08	1216.90	2.06	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02ARE	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:47:22	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.66	1.70	1.67	1.54	ppb
Vanadium	51-2	166.83	166.73	164.40	165.99	0.83	ppb
Yttrium	89-1				120		%
Yttrium	89-2				122		%
Zinc	66-2	182.60	183.09	178.27	181.32	1.46	ppb
Zirconium	90-1	15.63	15.65	15.79	15.69	0.58	ppb
Zirconium	91-1	15.61	15.38	15.69	15.56	1.03	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2815-11A	Instrumnet Name :	P7
Client Sample ID :	MYD536ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:50:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33326.75	33465.78	34225.09	33672.54	1.44	ppb
Antimony	121-1	0.80	0.85	0.87	0.84	3.70	ppb
Arsenic	75-2	67.80	70.33	69.84	69.32	1.94	ppb
Barium	135-1	261.36	274.74	262.73	266.28	2.76	ppb
Barium	137-1	266.80	271.56	266.83	268.40	1.02	ppb
Beryllium	9-1	1.36	1.31	1.22	1.30	5.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	1.63	1.42	1.87	32.52	ppb
Cadmium	106-1	0.81	1.64	1.78	1.41	37.11	ppb
Cadmium	111-1	1.04	1.28	1.14	1.15	10.40	ppb
Calcium	43-1	13304.99	13914.66	13540.05	13586.57	2.26	ppb
Calcium	44-1	12699.86	13263.95	12969.21	12977.68	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.74	33.40	33.41	33.19	1.15	ppb
Cobalt	59-2	28.41	29.13	29.39	28.97	1.75	ppb
Copper	63-2	124.47	127.45	128.42	126.78	1.62	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				109		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	79450.52	80421.46	80535.41	80135.80	0.74	ppb
Iron	57-2	79222.35	81192.67	80978.46	80464.50	1.34	ppb
Iron	54-2	77718.21	79992.92	80597.46	79436.20	1.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2815-11A	Instrumnet Name :	P7
Client Sample ID :	MYD536ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:50:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.20	60.19	59.73	59.37	1.76	ppb
Lead	207-1	60.11	61.14	61.68	60.97	1.31	ppb
Lead	208-1	58.44	60.33	59.90	59.55	1.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	13108.20	13518.78	13424.02	13350.33	1.61	ppb
Manganese	55-2	1382.97	1420.64	1435.86	1413.16	1.93	ppb
Molybdenum	94-1	14.03	13.51	13.34	13.63	2.63	ppb
Molybdenum	95-1	0.76	0.83	0.79	0.79	4.68	ppb
Molybdenum	96-1	2.66	2.66	2.58	2.64	1.72	ppb
Molybdenum	97-1	0.79	0.78	0.78	0.78	0.52	ppb
Molybdenum	98-1	0.76	0.79	0.74	0.76	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.22	33.15	33.75	33.38	0.98	ppb
Phosphorus	31-2	2194.12	2236.92	2285.85	2238.97	2.05	ppb
Potassium	39-2	6388.11	6530.76	6557.82	6492.23	1.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	1.63	0.85	1.15	1.21	32.32	ppb
Selenium	77-2	11.85	14.82	16.26	14.31	15.73	ppb
Selenium	78-2	3.64	1.05	2.87	2.52	52.96	ppb
Silicon	28-1	7012.87	7352.18	7075.38	7146.81	2.53	ppb
Silver	107-1	2.58	2.72	2.64	2.65	2.61	ppb
Silver	109-1	2.58	2.72	2.59	2.63	2.85	ppb
Sodium	23-2	267.69	277.64	280.51	275.28	2.44	ppb
Strontium	86-1	66.97	67.26	65.50	66.58	1.42	ppb
Strontium	88-1	66.64	67.20	65.48	66.44	1.32	ppb
Sulfur	34-1	-2759.63	-2704.48	-2798.82	-2754.31		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.28	0.29	0.33	0.30	9.04	ppb
Thallium	205-1	0.27	0.29	0.30	0.29	5.74	ppb
Tin	118-1	1.39	1.43	1.30	1.37	4.86	ppb
Titanium	47-1	1154.23	1184.39	1169.49	1169.37	1.29	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2815-11A	Instrumnet Name :	P7
Client Sample ID :	MYD536ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:50:37	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.78	0.78	0.78	0.61	ppb
Vanadium	51-2	123.87	127.32	126.97	126.05	1.51	ppb
Yttrium	89-1				117		%
Yttrium	89-2				120		%
Zinc	66-2	253.71	257.01	261.14	257.29	1.45	ppb
Zirconium	90-1	7.05	7.26	6.82	7.04	3.13	ppb
Zirconium	91-1	7.02	7.07	6.99	7.03	0.58	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02A	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:54:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43788.14	44727.84	44270.40	44262.13	1.06	ppb
Antimony	121-1	1.09	1.08	1.08	1.08	0.91	ppb
Arsenic	75-2	321.24	320.20	325.62	322.35	0.89	ppb
Barium	135-1	597.32	592.98	584.27	591.52	1.12	ppb
Barium	137-1	586.61	594.72	579.35	586.89	1.31	ppb
Beryllium	9-1	2.35	2.32	2.21	2.29	3.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.18	3.77	2.54	3.16	19.47	ppb
Cadmium	106-1	4.43	5.80	2.93	4.39	32.83	ppb
Cadmium	111-1	0.92	1.05	0.93	0.96	7.43	ppb
Calcium	43-1	9557.42	9848.70	9650.21	9685.44	1.54	ppb
Calcium	44-1	9248.91	9389.97	9016.30	9218.39	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.36	112.71	112.61	112.22	0.67	ppb
Cobalt	59-2	68.52	69.01	70.02	69.18	1.11	ppb
Copper	63-2	128.47	129.22	129.71	129.14	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	112675.19	113700.66	114367.49	113581.11	0.75	ppb
Iron	57-2	111831.97	112828.71	113542.68	112734.45	0.76	ppb
Iron	54-2	112636.72	114131.90	114174.98	113647.87	0.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02A	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:54:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.19	108.24	105.24	107.56	1.92	ppb
Lead	207-1	106.16	105.26	101.11	104.18	2.59	ppb
Lead	208-1	106.89	108.06	103.72	106.22	2.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	18761.41	18632.16	18792.93	18728.83	0.45	ppb
Manganese	55-2	3209.35	3219.23	3266.06	3231.55	0.94	ppb
Molybdenum	94-1	36.49	36.58	35.97	36.35	0.90	ppb
Molybdenum	95-1	1.42	1.37	1.43	1.41	2.27	ppb
Molybdenum	96-1	5.69	5.72	5.59	5.66	1.15	ppb
Molybdenum	97-1	1.46	1.43	1.36	1.42	3.64	ppb
Molybdenum	98-1	1.33	1.31	1.24	1.29	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.95	116.56	118.14	116.88	0.97	ppb
Phosphorus	31-2	2071.62	2032.77	2029.81	2044.73	1.14	ppb
Potassium	39-2	10835.78	10866.99	10919.93	10874.23	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	82-1	0.56	1.51	1.44	1.17	45.49	ppb
Selenium	77-2	20.35	19.57	15.67	18.53	13.52	ppb
Selenium	78-2	5.47	2.78	4.24	4.16	32.41	ppb
Silicon	28-1	7113.07	7190.96	6982.51	7095.51	1.48	ppb
Silver	107-1	0.17	0.17	0.21	0.18	10.96	ppb
Silver	109-1	0.15	0.18	0.16	0.16	8.05	ppb
Sodium	23-2	233.11	234.31	239.91	235.78	1.54	ppb
Strontium	86-1	90.14	89.07	86.95	88.72	1.83	ppb
Strontium	88-1	90.29	91.79	88.33	90.14	1.92	ppb
Sulfur	34-1	-2945.30	-2837.52	-3051.09	-2944.64		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.60	0.65	0.63	0.62	4.34	ppb
Thallium	205-1	0.65	0.64	0.61	0.63	2.81	ppb
Tin	118-1	1.46	1.45	1.47	1.46	0.73	ppb
Titanium	47-1	1498.77	1509.77	1480.81	1496.45	0.98	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02A	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:54:05	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.97	2.03	1.95	1.98	2.26	ppb
Vanadium	51-2	190.16	191.63	192.21	191.33	0.55	ppb
Yttrium	89-1				115		%
Yttrium	89-2				118		%
Zinc	66-2	214.28	217.34	218.09	216.57	0.93	ppb
Zirconium	90-1	19.24	19.04	18.56	18.95	1.84	ppb
Zirconium	91-1	18.87	19.29	18.62	18.93	1.81	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2818-01A	Instrumnet Name :	P7
Client Sample ID :	MYD581ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:59:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62836.46	63405.13	63940.95	63394.18	0.87	ppb
Antimony	121-1	1.60	1.51	1.50	1.54	3.63	ppb
Arsenic	75-2	150.80	152.35	154.59	152.58	1.25	ppb
Barium	135-1	803.59	767.22	746.36	772.39	3.75	ppb
Barium	137-1	804.97	766.45	747.48	772.97	3.79	ppb
Beryllium	9-1	2.85	2.49	2.65	2.66	6.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.84	6.48	7.25	6.86	5.61	ppb
Cadmium	106-1	7.91	8.82	9.17	8.64	7.57	ppb
Cadmium	111-1	6.99	7.05	7.12	7.05	0.92	ppb
Calcium	43-1	42964.75	41627.91	39216.59	41269.75	4.60	ppb
Calcium	44-1	40797.74	39487.21	37400.72	39228.56	4.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.71	104.06	106.28	105.02	1.09	ppb
Cobalt	59-2	55.21	54.80	56.28	55.43	1.38	ppb
Copper	63-2	837.31	841.52	856.15	844.99	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				100		%
Holmium	165-2				110		%
Indium	115-1				96		%
Indium	115-2				104		%
Iron	56-2	121842.79	122806.49	125126.99	123258.76	1.37	ppb
Iron	57-2	122534.02	122994.80	124470.97	123333.26	0.82	ppb
Iron	54-2	123280.96	123917.87	125428.24	124209.03	0.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2818-01A	Instrumnet Name :	P7
Client Sample ID :	MYD581ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:59:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	830.13	779.83	769.74	793.23	4.08	ppb
Lead	207-1	827.69	790.92	771.16	796.59	3.60	ppb
Lead	208-1	825.04	788.54	767.28	793.62	3.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	26116.54	26510.06	26423.23	26349.94	0.78	ppb
Manganese	55-2	4305.64	4352.11	4419.54	4359.10	1.31	ppb
Molybdenum	94-1	27.69	25.45	25.69	26.28	4.68	ppb
Molybdenum	95-1	2.48	2.27	2.32	2.36	4.74	ppb
Molybdenum	96-1	5.70	5.63	5.60	5.64	0.97	ppb
Molybdenum	97-1	2.41	2.23	2.19	2.28	4.96	ppb
Molybdenum	98-1	2.36	2.26	2.14	2.25	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.74	86.88	87.12	86.58	0.85	ppb
Phosphorus	31-2	3541.54	3564.92	3568.72	3558.39	0.41	ppb
Potassium	39-2	18502.37	18452.75	18920.22	18625.11	1.38	ppb
Rhodium	103-1				92		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				116		%
Selenium	82-1	4.30	2.84	2.62	3.26	28.09	ppb
Selenium	77-2	19.63	30.76	18.84	23.08	28.88	ppb
Selenium	78-2	3.98	8.26	6.59	6.28	34.36	ppb
Silicon	28-1	7616.52	7396.84	7028.13	7347.17	4.05	ppb
Silver	107-1	3.07	3.11	2.89	3.02	3.84	ppb
Silver	109-1	3.08	3.02	2.92	3.01	2.62	ppb
Sodium	23-2	890.74	891.73	910.23	897.57	1.22	ppb
Strontium	86-1	158.73	150.46	147.93	152.37	3.70	ppb
Strontium	88-1	159.68	154.75	153.85	156.09	2.01	ppb
Sulfur	34-1	-1125.37	-1159.50	-1581.72	-1288.86		ppb
Terbium	159-1				100		%
Terbium	159-2				109		%
Thallium	203-1	0.66	0.62	0.63	0.64	3.48	ppb
Thallium	205-1	0.68	0.65	0.64	0.66	3.44	ppb
Tin	118-1	10.43	10.32	10.08	10.28	1.75	ppb
Titanium	47-1	1688.15	1642.72	1563.39	1631.42	3.87	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2818-01A	Instrumnet Name :	P7
Client Sample ID :	MYD581ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:59:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.54	1.51	1.56	4.16	ppb
Vanadium	51-2	189.54	189.09	192.04	190.22	0.84	ppb
Yttrium	89-1				111		%
Yttrium	89-2				121		%
Zinc	66-2	653.82	650.78	658.69	654.43	0.61	ppb
Zirconium	90-1	13.63	12.75	12.68	13.02	4.06	ppb
Zirconium	91-1	13.53	13.05	12.99	13.19	2.25	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:05:02	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48693.90	54494.68	50217.67	51135.42	5.88	ppb
Antimony	121-1	485.77	490.02	496.12	490.63	1.06	ppb
Arsenic	75-2	466.28	501.05	468.61	478.65	4.06	ppb
Barium	135-1	2484.10	2444.07	2530.18	2486.12	1.73	ppb
Barium	137-1	2461.82	2457.66	2524.74	2481.41	1.51	ppb
Beryllium	9-1	494.07	503.93	503.11	500.37	1.09	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	469.52	483.34	478.05	476.97	1.46	ppb
Cadmium	106-1	462.17	470.32	480.77	471.09	1.98	ppb
Cadmium	111-1	468.97	467.71	483.00	473.23	1.79	ppb
Calcium	43-1	250653.35	256435.25	248489.64	251859.41	1.63	ppb
Calcium	44-1	251072.45	249368.42	245723.66	248721.51	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.89	522.94	479.06	492.96	5.27	ppb
Cobalt	59-2	499.02	550.23	502.49	517.25	5.53	ppb
Copper	63-2	4892.91	5406.53	4896.05	5065.16	5.84	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				101		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	128146.18	140863.65	128344.33	132451.39	5.50	ppb
Iron	57-2	128295.03	140788.55	128317.97	132467.19	5.44	ppb
Iron	54-2	130286.75	140661.84	129216.10	133388.23	4.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:05:02	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2458.10	2543.45	2508.46	2503.34	1.71	ppb
Lead	207-1	2512.36	2516.17	2484.38	2504.31	0.69	ppb
Lead	208-1	2500.31	2526.21	2495.42	2507.31	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	241384.17	268126.21	244945.78	251485.38	5.77	ppb
Manganese	55-2	4639.06	5150.13	4686.91	4825.37	5.85	ppb
Molybdenum	94-1	5390.30	5523.31	5506.74	5473.45	1.32	ppb
Molybdenum	95-1	5357.81	5491.65	5488.95	5446.13	1.40	ppb
Molybdenum	96-1	5393.72	5554.84	5471.36	5473.31	1.47	ppb
Molybdenum	97-1	5426.46	5491.12	5421.22	5446.27	0.71	ppb
Molybdenum	98-1	5446.30	5481.58	5504.94	5477.61	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.62	546.91	493.56	510.36	6.21	ppb
Phosphorus	31-2	9316.35	10316.42	9526.67	9719.81	5.42	ppb
Potassium	39-2	123460.04	137045.62	125768.27	128757.98	5.65	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	459.18	473.62	467.92	466.91	1.56	ppb
Selenium	77-2	444.79	480.10	471.04	465.31	3.94	ppb
Selenium	78-2	458.26	477.23	460.02	465.17	2.25	ppb
Silicon	28-1	503.87	498.73	500.56	501.05	0.52	ppb
Silver	107-1	467.24	483.89	485.84	478.99	2.13	ppb
Silver	109-1	478.47	481.80	485.58	481.95	0.74	ppb
Sodium	23-2	245405.74	273680.63	251443.81	256843.39	5.80	ppb
Strontium	86-1	12105.62	12380.37	12349.05	12278.35	1.22	ppb
Strontium	88-1	12170.73	12462.44	12404.47	12345.88	1.25	ppb
Sulfur	34-1	9510.20	9356.15	9161.32	9342.56	1.87	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	496.92	502.51	504.22	501.22	0.76	ppb
Thallium	205-1	495.74	511.74	502.52	503.33	1.60	ppb
Tin	118-1	496.92	485.98	492.60	491.84	1.12	ppb
Titanium	47-1	5591.84	5434.55	5369.52	5465.30	2.09	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:05:02	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.29	519.76	510.24	511.76	1.44	ppb
Vanadium	51-2	468.63	515.50	471.12	485.08	5.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	4762.80	5298.32	4812.37	4957.83	5.97	ppb
Zirconium	90-1	492.92	504.65	507.16	501.58	1.52	ppb
Zirconium	91-1	493.27	498.60	501.41	497.76	0.83	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:07:56	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	1.52	2.31	1.91	20.86	ppb
Antimony	121-1	0.35	0.33	0.38	0.35	6.91	ppb
Arsenic	75-2	0.00	0.02	0.06	0.03	94.65	ppb
Barium	135-1	0.13	0.08	0.08	0.10	30.18	ppb
Barium	137-1	0.12	0.09	0.09	0.10	17.41	ppb
Beryllium	9-1	0.29	0.30	0.28	0.29	3.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.07	-0.02	0.04	120.88	ppb
Cadmium	106-1	-0.09	-1.15	-0.32	-0.52		ppb
Cadmium	111-1	0.05	-0.03	0.01	0.01	400.14	ppb
Calcium	43-1	9.57	7.27	9.98	8.94	16.34	ppb
Calcium	44-1	12.51	8.12	7.89	9.51	27.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.03	0.01	0.00		ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	13.99	ppb
Copper	63-2	0.36	0.40	0.53	0.43	21.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	7.74	7.77	8.03	7.84	2.06	ppb
Iron	57-2	5.03	5.45	6.05	5.51	9.29	ppb
Iron	54-2	6.51	7.26	8.33	7.37	12.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:07:56	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.20	0.17	0.20	12.60	ppb
Lead	207-1	0.20	0.15	0.14	0.16	20.04	ppb
Lead	208-1	0.21	0.18	0.16	0.18	14.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	7.41	8.21	8.94	8.19	9.30	ppb
Manganese	55-2	0.24	0.25	0.29	0.26	9.82	ppb
Molybdenum	94-1	0.55	0.48	0.48	0.50	8.87	ppb
Molybdenum	95-1	0.40	0.34	0.31	0.35	13.66	ppb
Molybdenum	96-1	0.44	0.39	0.38	0.40	8.86	ppb
Molybdenum	97-1	0.51	0.35	0.32	0.39	26.10	ppb
Molybdenum	98-1	0.37	0.35	0.31	0.35	8.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.00	0.01	132.02	ppb
Phosphorus	31-2	-21.83	-12.04	-17.81	-17.23		ppb
Potassium	39-2	-9.10	-4.46	-1.07	-4.88		ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	0.24	-0.27	0.00	-0.01		ppb
Selenium	77-2	0.00	0.00	0.60	0.20	173.21	ppb
Selenium	78-2	-1.40	1.18	-1.53	-0.58		ppb
Silicon	28-1	-7.94	-7.19	-9.25	-8.13		ppb
Silver	107-1	0.09	0.05	0.06	0.07	27.15	ppb
Silver	109-1	0.09	0.05	0.05	0.07	32.71	ppb
Sodium	23-2	47.94	46.56	49.10	47.87	2.66	ppb
Strontium	86-1	0.54	0.41	0.37	0.44	20.23	ppb
Strontium	88-1	0.56	0.45	0.40	0.47	17.44	ppb
Sulfur	34-1	-1115.28	-970.89	-976.82	-1021.00		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.06	0.07	0.07	14.73	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	3.29	ppb
Tin	118-1	0.06	0.06	0.08	0.07	15.09	ppb
Titanium	47-1	0.31	0.29	0.37	0.32	12.90	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:07:56	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	16.39	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	6.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	0.30	0.15	0.26	0.24	31.94	ppb
Zirconium	90-1	0.11	0.10	0.11	0.10	4.06	ppb
Zirconium	91-1	0.10	0.08	0.08	0.08	14.20	ppb

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:19:52	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57	80	77	71	17.74	cps
Antimony	121-1	7	20	23	17	52.90	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	13	17	17	16	12.40	cps
Barium	137-1	30	37	27	31	16.37	cps
Beryllium	9-1	20	20	23	21	9.11	cps
Bismuth	209-1	2309641	2292032	2310463	2304045	0.45	cps
Bismuth	209-2	1677392	1830947	1855824	1788054	5.40	cps
Bromine	81-1	6728	6552	6618	6633	1.35	cps
Bromine	81-2	37	57	20	38	48.60	cps
Cadmium	108-1	0	10	3	4	114.60	cps
Cadmium	106-1	1383	1387	1340	1370	1.90	cps
Cadmium	111-1	968	964	936	956	1.85	cps
Calcium	43-1	137	123	193	151	24.60	cps
Calcium	44-1	2707	2424	2570	2567	5.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	160	170	223	184	18.46	cps
Cobalt	59-2	7	20	13	13	49.99	cps
Copper	63-2	510	547	577	544	6.13	cps
Dysprosium	156-1	17	30	7	18	65.83	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	13	7	13	11	34.61	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	17	13	13	14	13.35	cps
Gadolinium	160-2	90	107	127	108	17.03	cps
Holmium	165-1	3629252	3660820	3648201	3646091	0.44	cps
Holmium	165-2	2273322	2528936	2554417	2452225	6.34	cps
Indium	115-1	2810973	2826135	2854114	2830408	0.77	cps
Indium	115-2	805012	884408	904056	864492	6.07	cps
Iron	56-2	4207	4524	4604	4445	4.72	cps
Iron	57-2	547	583	583	571	3.69	cps
Iron	54-2	830	730	867	809	8.75	cps
Krypton	83-1	73	87	90	83	10.59	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:19:52	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	90	97	90	92	4.18	cps
Lead	207-1	107	107	70	94	22.42	cps
Lead	208-1	433	400	353	396	10.16	cps
Lithium	6-1	751308	746668	753327	750434	0.46	cps
Magnesium	24-2	1090	1050	1157	1099	4.90	cps
Manganese	55-2	77	80	90	82	8.44	cps
Molybdenum	94-1	60	73	73	69	11.17	cps
Molybdenum	95-1	13	23	20	19	26.96	cps
Molybdenum	96-1	53	27	20	33	52.91	cps
Molybdenum	97-1	3	0	10	4	114.60	cps
Molybdenum	98-1	23	30	20	24	20.83	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	57	67	57	17.65	cps
Phosphorus	31-2	103	113	117	111	6.25	cps
Potassium	39-2	33864	33908	33380	33717	0.87	cps
Rhodium	103-1	2536796	2510479	2536358	2527878	0.60	cps
Rhodium	103-2	1263722	1378868	1407258	1349949	5.63	cps
Scandium	45-1	1469072	1471410	1470683	1470388	0.08	cps
Scandium	45-2	117839	128190	131411	125813	5.64	cps
Selenium	82-1	66	102	106	92	24.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	83	77	90	19.60	cps
Silicon	28-1	192669	193186	191575	192476	0.43	cps
Silver	107-1	43	20	17	27	54.47	cps
Silver	109-1	17	10	10	12	31.50	cps
Sodium	23-2	5068	5141	5021	5076	1.19	cps
Strontium	86-1	120	113	127	120	5.55	cps
Strontium	88-1	97	103	70	90	19.60	cps
Sulfur	34-1	128168	129328	127833	128443	0.61	cps
Terbium	159-1	3694262	3755794	3757822	3735960	0.97	cps
Terbium	159-2	2197942	2455389	2514916	2389416	7.05	cps
Thallium	203-1	13	10	0	8	89.21	cps
Thallium	205-1	20	37	37	31	30.93	cps
Tin	118-1	867	727	763	786	9.24	cps
Titanium	47-1	40	37	23	33	26.47	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:19:52	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	3	6	34.70	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	4649575	4687281	4676881	4671246	0.42	cps
Yttrium	89-2	1042976	1149102	1166521	1119533	5.97	cps
Zinc	66-2	97	57	67	73	28.39	cps
Zirconium	90-1	187	147	127	153	19.92	cps
Zirconium	91-1	27	27	40	31	24.74	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:23:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1980	1880	1967	1942	2.80	cps
Antimony	121-1	8399	8292	8009	8234	2.45	cps
Arsenic	75-2	190	170	250	203	20.48	cps
Barium	135-1	10337	10651	10334	10441	1.74	cps
Barium	137-1	17805	18385	18546	18245	2.14	cps
Beryllium	9-1	843	927	903	891	4.82	cps
Bismuth	209-1	2325909	2301126	2262338	2296458	1.40	cps
Bismuth	209-2	1851179	1889274	1860918	1867124	1.06	cps
Bromine	81-1	6518	6395	6245	6386	2.14	cps
Bromine	81-2	23	47	40	37	32.79	cps
Cadmium	108-1	103	93	117	104	11.21	cps
Cadmium	106-1	1527	1623	1373	1508	8.36	cps
Cadmium	111-1	2103	2234	1850	2062	9.48	cps
Calcium	43-1	5908	5951	5828	5896	1.06	cps
Calcium	44-1	92956	95096	94955	94335	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3110	3287	3184	3194	2.78	cps
Cobalt	59-2	2290	2287	2397	2325	2.69	cps
Copper	63-2	3537	3674	3480	3564	2.79	cps
Dysprosium	156-1	23	3	7	11	96.43	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	10	10	7	9	21.63	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	0	20	20	13	86.60	cps
Gadolinium	160-2	107	110	133	117	12.46	cps
Holmium	165-1	3687146	3677481	3641605	3668744	0.65	cps
Holmium	165-2	2520472	2571580	2542223	2544758	1.01	cps
Indium	115-1	2860030	2854410	2820775	2845072	0.75	cps
Indium	115-2	897035	913665	901696	904132	0.95	cps
Iron	56-2	74496	73897	73800	74064	0.51	cps
Iron	57-2	2313	2329	2254	2299	1.71	cps
Iron	54-2	4831	4734	4771	4779	1.02	cps
Krypton	83-1	73	73	57	68	14.19	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:23:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3234	3084	3037	3118	3.30	cps
Lead	207-1	2757	2704	2877	2779	3.20	cps
Lead	208-1	12853	12609	12506	12656	1.41	cps
Lithium	6-1	762354	759142	757353	759616	0.33	cps
Magnesium	24-2	83411	82949	83870	83410	0.55	cps
Manganese	55-2	1237	1273	1147	1219	5.35	cps
Molybdenum	94-1	8076	7982	8296	8118	1.98	cps
Molybdenum	95-1	10160	9610	9680	9817	3.05	cps
Molybdenum	96-1	10704	11405	10954	11021	3.22	cps
Molybdenum	97-1	6125	6241	6381	6249	2.06	cps
Molybdenum	98-1	16363	16026	16229	16206	1.05	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	620	593	627	613	2.88	cps
Phosphorus	31-2	243	247	257	249	2.79	cps
Potassium	39-2	129485	128735	130449	129556	0.66	cps
Rhodium	103-1	2564904	2545586	2566851	2559114	0.46	cps
Rhodium	103-2	1410606	1412204	1404857	1409222	0.27	cps
Scandium	45-1	1503994	1491853	1486080	1493976	0.61	cps
Scandium	45-2	131642	132610	130089	131447	0.97	cps
Selenium	82-1	407	367	411	395	6.11	cps
Selenium	77-2	33	53	37	41	26.06	cps
Selenium	78-2	160	230	223	204	18.90	cps
Silicon	28-1	202299	202095	202644	202346	0.14	cps
Silver	107-1	4577	4664	4581	4607	1.07	cps
Silver	109-1	4651	4721	4477	4616	2.71	cps
Sodium	23-2	134565	135446	135432	135148	0.37	cps
Strontium	86-1	1437	1443	1543	1475	4.05	cps
Strontium	88-1	11728	11705	11675	11703	0.23	cps
Sulfur	34-1	126878	129173	127624	127892	0.92	cps
Terbium	159-1	3780636	3823673	3724587	3776299	1.32	cps
Terbium	159-2	2519066	2490318	2483602	2497662	0.75	cps
Thallium	203-1	3754	3674	3777	3735	1.45	cps
Thallium	205-1	8623	8986	9043	8884	2.57	cps
Tin	118-1	18279	17813	17837	17976	1.46	cps
Titanium	47-1	2707	2350	2430	2496	7.50	cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:23:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11151	11388	11211	11250	1.09	cps
Vanadium	51-2	6765	6898	6795	6819	1.03	cps
Yttrium	89-1	4734590	4704415	4716136	4718380	0.32	cps
Yttrium	89-2	1161943	1167570	1162071	1163861	0.28	cps
Zinc	66-2	1333	1467	1457	1419	5.23	cps
Zirconium	90-1	6688	6725	6605	6673	0.92	cps
Zirconium	91-1	1407	1650	1670	1576	9.31	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:26:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96129	96467	96333	96310	0.18	cps
Antimony	121-1	204023	205108	203095	204075	0.49	cps
Arsenic	75-2	9049	9093	9096	9080	0.29	cps
Barium	135-1	274646	275796	278416	276286	0.70	cps
Barium	137-1	472518	475173	477176	474956	0.49	cps
Beryllium	9-1	40349	41231	41839	41140	1.82	cps
Bismuth	209-1	2297024	2317481	2334690	2316398	0.81	cps
Bismuth	209-2	1878586	1902627	1866414	1882542	0.98	cps
Bromine	81-1	6415	6575	6511	6500	1.24	cps
Bromine	81-2	43	30	37	37	18.18	cps
Cadmium	108-1	3717	3814	3827	3786	1.59	cps
Cadmium	106-1	6852	6912	6715	6826	1.48	cps
Cadmium	111-1	52197	53001	53231	52810	1.03	cps
Calcium	43-1	62662	62712	62384	62586	0.28	cps
Calcium	44-1	967260	965164	964365	965596	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75045	76191	75246	75494	0.81	cps
Cobalt	59-2	112715	112672	112843	112744	0.08	cps
Copper	63-2	795879	793382	789798	793020	0.39	cps
Dysprosium	156-1	23	20	7	17	52.90	cps
Dysprosium	156-2	30	17	17	21	36.45	cps
Erbium	164-1	23	30	13	22	37.76	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	20	3	20	14	66.64	cps
Gadolinium	160-2	100	110	150	120	22.05	cps
Holmium	165-1	3767668	3696983	3732135	3732262	0.95	cps
Holmium	165-2	2555967	2620800	2588603	2588457	1.25	cps
Indium	115-1	2862531	2837820	2833561	2844637	0.55	cps
Indium	115-2	899387	909473	903397	904086	0.56	cps
Iron	56-2	3290615	3297991	3259748	3282784	0.62	cps
Iron	57-2	85349	86336	87289	86324	1.12	cps
Iron	54-2	195930	194107	194442	194826	0.50	cps
Krypton	83-1	73	60	73	69	11.17	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:26:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	774486	780524	782472	779161	0.53	cps
Lead	207-1	672112	671150	670612	671291	0.11	cps
Lead	208-1	3088472	3093279	3096803	3092851	0.14	cps
Lithium	6-1	758939	756876	758624	758147	0.15	cps
Magnesium	24-2	780427	780411	776982	779273	0.25	cps
Manganese	55-2	587561	583604	586593	585920	0.35	cps
Molybdenum	94-1	750187	753502	754555	752748	0.30	cps
Molybdenum	95-1	1092197	1101012	1099484	1097564	0.43	cps
Molybdenum	96-1	1196618	1196639	1195801	1196353	0.04	cps
Molybdenum	97-1	692575	695699	694178	694151	0.23	cps
Molybdenum	98-1	1764593	1764127	1790151	1772957	0.84	cps
Neodymium	150-1	37	10	33	27	54.49	cps
Neodymium	150-2	10	13	0	8	89.21	cps
Nickel	60-2	29165	28280	28367	28604	1.71	cps
Phosphorus	31-2	4544	4634	4544	4574	1.14	cps
Potassium	39-2	519918	520394	519599	519970	0.08	cps
Rhodium	103-1	2536270	2508830	2561254	2535451	1.03	cps
Rhodium	103-2	1392561	1406600	1403682	1400948	0.53	cps
Scandium	45-1	1512706	1501976	1469247	1494643	1.51	cps
Scandium	45-2	129463	132029	131615	131036	1.05	cps
Selenium	82-1	3033	3077	3095	3068	1.04	cps
Selenium	77-2	290	277	257	274	6.11	cps
Selenium	78-2	1000	1043	1080	1041	3.85	cps
Silicon	28-1	294066	298381	297337	296594	0.76	cps
Silver	107-1	250795	252488	250275	251186	0.46	cps
Silver	109-1	235760	238186	239425	237790	0.78	cps
Sodium	23-2	1259335	1265083	1259120	1261179	0.27	cps
Strontium	86-1	1643349	1655495	1671702	1656849	0.86	cps
Strontium	88-1	14186919	14282637	14362369	14277309	0.62	cps
Sulfur	34-1	139695	137939	138497	138710	0.65	cps
Terbium	159-1	3831803	3777726	3786401	3798643	0.76	cps
Terbium	159-2	2514522	2537317	2564023	2538621	0.98	cps
Thallium	203-1	190133	191808	192118	191353	0.56	cps
Thallium	205-1	453939	453001	457052	454664	0.47	cps
Tin	118-1	177711	180835	179503	179350	0.87	cps
Titanium	47-1	271412	271593	273130	272045	0.35	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:26:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	581493	584496	584991	583660	0.32	cps
Vanadium	51-2	68082	66874	66318	67092	1.34	cps
Yttrium	89-1	4704154	4680565	4620296	4668338	0.93	cps
Yttrium	89-2	1170083	1170863	1171482	1170809	0.06	cps
Zinc	66-2	131856	128944	129838	130213	1.15	cps
Zirconium	90-1	337297	341887	339344	339509	0.68	cps
Zirconium	91-1	75051	75684	76558	75764	1.00	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:29:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232427	231720	232514	232220	0.19	cps
Antimony	121-1	505749	509819	508929	508166	0.42	cps
Arsenic	75-2	22774	22531	22444	22583	0.76	cps
Barium	135-1	683417	682249	686772	684146	0.34	cps
Barium	137-1	1173735	1181856	1183667	1179752	0.45	cps
Beryllium	9-1	100669	101176	100804	100883	0.26	cps
Bismuth	209-1	2305982	2342649	2341067	2329899	0.89	cps
Bismuth	209-2	1853381	1899047	1884390	1878939	1.24	cps
Bromine	81-1	6361	6268	6275	6301	0.83	cps
Bromine	81-2	37	30	20	29	29.04	cps
Cadmium	108-1	9987	9460	9627	9691	2.78	cps
Cadmium	106-1	15105	15465	15175	15248	1.25	cps
Cadmium	111-1	128472	129322	130575	129456	0.82	cps
Calcium	43-1	152572	151810	152376	152252	0.26	cps
Calcium	44-1	2194321	2161685	2202858	2186288	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185607	183690	182840	184046	0.77	cps
Cobalt	59-2	274908	272313	274498	273906	0.51	cps
Copper	63-2	1934196	1946630	1925713	1935513	0.54	cps
Dysprosium	156-1	3	30	50	28	84.29	cps
Dysprosium	156-2	33	20	50	34	43.64	cps
Erbium	164-1	37	30	23	30	22.23	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	23	10	27	20	44.10	cps
Gadolinium	160-2	100	110	93	101	8.30	cps
Holmium	165-1	3752265	3707792	3706915	3722324	0.70	cps
Holmium	165-2	2586220	2582846	2564812	2577959	0.45	cps
Indium	115-1	2838550	2806052	2808781	2817795	0.64	cps
Indium	115-2	904452	893261	891603	896439	0.78	cps
Iron	56-2	8202126	8042146	8073428	8105900	1.05	cps
Iron	57-2	211838	210647	211239	211241	0.28	cps
Iron	54-2	476597	472969	472544	474037	0.47	cps
Krypton	83-1	53	90	60	68	28.82	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:29:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2131996	2161201	2150612	2147936	0.69	cps
Lead	207-1	1883892	1923808	1853761	1887154	1.86	cps
Lead	208-1	8559120	8689027	8573528	8607225	0.83	cps
Lithium	6-1	748639	743942	752920	748500	0.60	cps
Magnesium	24-2	1821404	1828418	1838281	1829368	0.46	cps
Manganese	55-2	1387045	1383646	1391582	1387424	0.29	cps
Molybdenum	94-1	1855969	1871535	1867109	1864871	0.43	cps
Molybdenum	95-1	2725018	2766517	2744112	2745216	0.76	cps
Molybdenum	96-1	2945609	2949581	2965468	2953553	0.36	cps
Molybdenum	97-1	1672341	1712194	1725474	1703336	1.62	cps
Molybdenum	98-1	4330425	4386333	4433811	4383523	1.18	cps
Neodymium	150-1	37	53	40	43	20.34	cps
Neodymium	150-2	20	13	3	12	68.66	cps
Nickel	60-2	67678	68824	67240	67914	1.20	cps
Phosphorus	31-2	11218	11121	11178	11172	0.44	cps
Potassium	39-2	1229026	1232237	1228582	1229948	0.16	cps
Rhodium	103-1	2487986	2475828	2471704	2478506	0.34	cps
Rhodium	103-2	1396718	1377695	1384827	1386413	0.69	cps
Scandium	45-1	1470556	1473171	1470841	1471523	0.10	cps
Scandium	45-2	130274	129736	128889	129633	0.54	cps
Selenium	82-1	7368	7514	7286	7390	1.56	cps
Selenium	77-2	710	693	677	693	2.40	cps
Selenium	78-2	2330	2414	2477	2407	3.06	cps
Silicon	28-1	441672	444017	450920	445536	1.08	cps
Silver	107-1	613165	621402	620332	618299	0.72	cps
Silver	109-1	585689	585341	590554	587195	0.50	cps
Sodium	23-2	3036334	3109960	3113721	3086672	1.41	cps
Strontium	86-1	3982788	4028298	4094408	4035165	1.39	cps
Strontium	88-1	35156304	35396005	35209585	35253965	0.36	cps
Sulfur	34-1	160260	160267	160769	160432	0.18	cps
Terbium	159-1	3767849	3824743	3844253	3812282	1.04	cps
Terbium	159-2	2580335	2476874	2551419	2536209	2.10	cps
Thallium	203-1	476372	480343	487447	481387	1.17	cps
Thallium	205-1	1144611	1146165	1147545	1146107	0.13	cps
Tin	118-1	443020	445054	446845	444973	0.43	cps
Titanium	47-1	662452	662283	670507	665081	0.71	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:29:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1466656	1482818	1493740	1481071	0.92	cps
Vanadium	51-2	166049	166312	165698	166020	0.19	cps
Yttrium	89-1	4706387	4644228	4658965	4669860	0.70	cps
Yttrium	89-2	1168869	1153041	1149855	1157255	0.88	cps
Zinc	66-2	320777	321327	317976	320027	0.56	cps
Zirconium	90-1	840408	849302	845109	844940	0.53	cps
Zirconium	91-1	187758	188730	189253	188580	0.40	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:33:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458186	454002	454736	455641	0.49	cps
Antimony	121-1	1006108	1021436	1014842	1014128	0.76	cps
Arsenic	75-2	43868	44563	44323	44251	0.80	cps
Barium	135-1	1345982	1353605	1354852	1351480	0.36	cps
Barium	137-1	2443571	2441965	2452699	2446079	0.24	cps
Beryllium	9-1	195506	197351	196950	196602	0.49	cps
Bismuth	209-1	2333937	2328947	2310407	2324430	0.53	cps
Bismuth	209-2	1864293	1853449	1864017	1860586	0.33	cps
Bromine	81-1	6275	6451	6358	6361	1.39	cps
Bromine	81-2	50	20	33	34	43.64	cps
Cadmium	108-1	18669	19126	19136	18977	1.41	cps
Cadmium	106-1	28364	28495	28789	28549	0.76	cps
Cadmium	111-1	254380	255644	252788	254270	0.56	cps
Calcium	43-1	296260	296556	296247	296354	0.06	cps
Calcium	44-1	4290789	4282914	4288533	4287412	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	357640	357837	356431	357303	0.21	cps
Cobalt	59-2	532016	533600	529337	531651	0.41	cps
Copper	63-2	3710179	3757433	3728736	3732116	0.64	cps
Dysprosium	156-1	43	37	23	34	29.57	cps
Dysprosium	156-2	50	70	77	66	21.17	cps
Erbium	164-1	20	23	30	24	20.83	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	13	20	27	20	33.35	cps
Gadolinium	160-2	83	130	137	117	24.91	cps
Holmium	165-1	3747595	3716141	3728303	3730680	0.43	cps
Holmium	165-2	2621574	2561114	2569483	2584057	1.27	cps
Indium	115-1	2749416	2753369	2750124	2750970	0.08	cps
Indium	115-2	883681	871715	877504	877633	0.68	cps
Iron	56-2	15769209	15703764	15599937	15690970	0.54	cps
Iron	57-2	409915	413058	409501	410824	0.47	cps
Iron	54-2	927337	924262	917354	922984	0.55	cps
Krypton	83-1	43	40	67	50	29.06	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:33:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4301546	4279446	4338541	4306511	0.69	cps
Lead	207-1	3786256	3835641	3806761	3809553	0.65	cps
Lead	208-1	17107652	17291708	17236529	17211963	0.55	cps
Lithium	6-1	737721	729674	731935	733110	0.57	cps
Magnesium	24-2	3587723	3551703	3557637	3565688	0.54	cps
Manganese	55-2	2762087	2716740	2697982	2725603	1.21	cps
Molybdenum	94-1	3670974	3720958	3649410	3680447	1.00	cps
Molybdenum	95-1	5314621	5390310	5257060	5320664	1.26	cps
Molybdenum	96-1	5764305	5757395	5771690	5764463	0.12	cps
Molybdenum	97-1	3350247	3323348	3372797	3348797	0.74	cps
Molybdenum	98-1	8668672	8690118	8635130	8664640	0.32	cps
Neodymium	150-1	127	120	93	113	15.57	cps
Neodymium	150-2	17	20	30	22	31.22	cps
Nickel	60-2	133229	131742	131968	132313	0.61	cps
Phosphorus	31-2	22213	21031	21682	21642	2.73	cps
Potassium	39-2	2184705	2210228	2160586	2185173	1.14	cps
Rhodium	103-1	2459686	2383032	2408086	2416935	1.62	cps
Rhodium	103-2	1361240	1346530	1355735	1354501	0.55	cps
Scandium	45-1	1454110	1451785	1428095	1444663	1.00	cps
Scandium	45-2	127710	125460	126848	126673	0.90	cps
Selenium	82-1	14228	14612	14393	14411	1.34	cps
Selenium	77-2	1297	1287	1187	1257	4.84	cps
Selenium	78-2	4464	4474	4564	4501	1.22	cps
Silicon	28-1	675623	686211	685691	682509	0.87	cps
Silver	107-1	1206236	1220896	1211542	1212891	0.61	cps
Silver	109-1	1140560	1156886	1153443	1150296	0.75	cps
Sodium	23-2	6112900	6058846	6114096	6095281	0.52	cps
Strontium	86-1	7868314	8035980	7982669	7962321	1.08	cps
Strontium	88-1	69758394	69948912	69518261	69741856	0.31	cps
Sulfur	34-1	195402	194485	195183	195023	0.25	cps
Terbium	159-1	3771717	3780711	3837455	3796628	0.94	cps
Terbium	159-2	2603525	2506586	2550442	2553518	1.90	cps
Thallium	203-1	955002	963432	960205	959546	0.44	cps
Thallium	205-1	2513178	2544725	2539112	2532338	0.66	cps
Tin	118-1	869333	873820	876373	873175	0.41	cps
Titanium	47-1	1249638	1275347	1275418	1266801	1.17	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:33:04	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3345566	3381236	3401363	3376055	0.84	cps
Vanadium	51-2	321035	319989	322100	321042	0.33	cps
Yttrium	89-1	4622106	4555284	4579541	4585644	0.74	cps
Yttrium	89-2	1144226	1133497	1131423	1136382	0.60	cps
Zinc	66-2	627117	623394	623526	624679	0.34	cps
Zirconium	90-1	1648648	1674326	1633468	1652147	1.25	cps
Zirconium	91-1	368951	373874	372561	371795	0.69	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:36:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	896692	890288	882588	889856	0.79	cps
Antimony	121-1	2055964	2028479	2071747	2052063	1.07	cps
Arsenic	75-2	88005	86611	87472	87363	0.81	cps
Barium	135-1	2779614	2808560	2796933	2795036	0.52	cps
Barium	137-1	4782780	4872307	4812776	4822621	0.94	cps
Beryllium	9-1	378937	381057	382168	380720	0.43	cps
Bismuth	209-1	2305384	2278233	2342971	2308863	1.41	cps
Bismuth	209-2	1890860	1878196	1891547	1886868	0.40	cps
Bromine	81-1	6081	6151	6361	6198	2.35	cps
Bromine	81-2	20	47	13	27	66.16	cps
Cadmium	108-1	37234	37037	37208	37160	0.29	cps
Cadmium	106-1	54060	55248	55198	54835	1.23	cps
Cadmium	111-1	493445	494415	496918	494926	0.36	cps
Calcium	43-1	575979	580177	577430	577862	0.37	cps
Calcium	44-1	8314214	8388130	8444391	8382245	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	700969	695318	698002	698096	0.40	cps
Cobalt	59-2	1033989	1034116	1036614	1034907	0.14	cps
Copper	63-2	7220506	7250457	7113522	7194828	1.00	cps
Dysprosium	156-1	57	60	47	54	12.74	cps
Dysprosium	156-2	163	70	110	114	40.92	cps
Erbium	164-1	13	37	40	30	48.44	cps
Erbium	164-2	10	30	13	18	60.28	cps
Gadolinium	160-1	27	23	20	23	14.29	cps
Gadolinium	160-2	133	110	113	119	10.62	cps
Holmium	165-1	3779373	3722299	3752990	3751554	0.76	cps
Holmium	165-2	2683899	2622402	2657213	2654504	1.16	cps
Indium	115-1	2725305	2707481	2681678	2704821	0.81	cps
Indium	115-2	865799	869799	866229	867276	0.25	cps
Iron	56-2	30994814	30823103	31066452	30961456	0.40	cps
Iron	57-2	810979	801995	801864	804946	0.65	cps
Iron	54-2	1729532	1693104	1717757	1713464	1.08	cps
Krypton	83-1	67	80	57	68	17.27	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:36:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8493342	8675118	8621872	8596777	1.09	cps
Lead	207-1	7537378	7525940	7525772	7529697	0.09	cps
Lead	208-1	34057467	34242782	34373484	34224578	0.46	cps
Lithium	6-1	728807	712029	721770	720869	1.17	cps
Magnesium	24-2	7062038	6944296	6921042	6975792	1.08	cps
Manganese	55-2	5322463	5384742	5374373	5360526	0.62	cps
Molybdenum	94-1	7117900	7216759	7192974	7175878	0.72	cps
Molybdenum	95-1	10581875	10461573	10551111	10531520	0.59	cps
Molybdenum	96-1	11432320	11626999	11512362	11523894	0.85	cps
Molybdenum	97-1	6516122	6637702	6600808	6584877	0.95	cps
Molybdenum	98-1	16843995	17172675	17250671	17089114	1.26	cps
Neodymium	150-1	190	210	197	199	5.12	cps
Neodymium	150-2	30	43	37	37	18.18	cps
Nickel	60-2	254589	256404	255707	255567	0.36	cps
Phosphorus	31-2	42185	42061	42723	42323	0.83	cps
Potassium	39-2	4287551	4287038	4264661	4279750	0.31	cps
Rhodium	103-1	2359785	2376646	2344854	2360428	0.67	cps
Rhodium	103-2	1328387	1336397	1339899	1334894	0.44	cps
Scandium	45-1	1413969	1408663	1413231	1411955	0.20	cps
Scandium	45-2	126045	126220	126865	126377	0.34	cps
Selenium	82-1	28451	27949	28022	28140	0.96	cps
Selenium	77-2	2600	2664	2567	2610	1.88	cps
Selenium	78-2	8673	9173	9123	8989	3.07	cps
Silicon	28-1	1134740	1148372	1148351	1143821	0.69	cps
Silver	107-1	2412569	2405310	2394213	2404031	0.38	cps
Silver	109-1	2278308	2314451	2273512	2288757	0.98	cps
Sodium	23-2	11963602	12029853	11787888	11927114	1.05	cps
Strontium	86-1	15600045	15600531	15840179	15680252	0.88	cps
Strontium	88-1	137180805	137268125	138503161	137650697	0.54	cps
Sulfur	34-1	261637	260901	260779	261105	0.18	cps
Terbium	159-1	3853059	3845004	3870503	3856189	0.34	cps
Terbium	159-2	2558460	2528661	2559837	2548986	0.69	cps
Thallium	203-1	2128417	2134035	2159064	2140505	0.76	cps
Thallium	205-1	5055436	5119872	5123916	5099741	0.75	cps
Tin	118-1	1802285	1772894	1787983	1787721	0.82	cps
Titanium	47-1	2458360	2424513	2434346	2439073	0.71	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:36:06	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6642263	6907187	6974559	6841336	2.57	cps
Vanadium	51-2	638956	630511	629508	632992	0.82	cps
Yttrium	89-1	4547378	4484843	4607385	4546535	1.35	cps
Yttrium	89-2	1136116	1146312	1144260	1142229	0.47	cps
Zinc	66-2	1212630	1210839	1214242	1212571	0.14	cps
Zirconium	90-1	3253043	3255197	3298412	3268884	0.78	cps
Zirconium	91-1	729613	739563	737842	735673	0.72	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:41:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1762891	1764159	1797236	1774762	1.10	cps
Antimony	121-1	4159095	4187330	4193961	4180129	0.44	cps
Arsenic	75-2	175743	175211	177945	176300	0.82	cps
Barium	135-1	5727964	5682491	5742667	5717707	0.55	cps
Barium	137-1	9841640	9902498	9906478	9883538	0.37	cps
Beryllium	9-1	748906	753276	758072	753418	0.61	cps
Bismuth	209-1	2376732	2416424	2362830	2385329	1.17	cps
Bismuth	209-2	1915011	1623963	1746604	1761860	8.29	cps
Bromine	81-1	6031	6001	5998	6010	0.31	cps
Bromine	81-2	67	27	37	43	48.03	cps
Cadmium	108-1	74946	74155	73840	74313	0.77	cps
Cadmium	106-1	107427	108669	107615	107904	0.62	cps
Cadmium	111-1	982514	992546	989035	988032	0.52	cps
Calcium	43-1	1168181	1177714	1176823	1174239	0.45	cps
Calcium	44-1	17065426	16799954	16877733	16914371	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1382713	1387065	1365727	1378502	0.82	cps
Cobalt	59-2	2048935	2098584	2068091	2071870	1.21	cps
Copper	63-2	14308519	14314635	14521301	14381485	0.84	cps
Dysprosium	156-1	100	120	100	107	10.83	cps
Dysprosium	156-2	277	197	267	247	17.67	cps
Erbium	164-1	73	70	47	63	22.94	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	40	50	47	46	11.18	cps
Gadolinium	160-2	187	130	173	163	18.14	cps
Holmium	165-1	3936300	3967601	3910717	3938206	0.72	cps
Holmium	165-2	2737904	2307874	2484500	2510093	8.61	cps
Indium	115-1	2705013	2735085	2720756	2720285	0.55	cps
Indium	115-2	874207	746357	810073	810212	7.89	cps
Iron	56-2	62847297	63476442	62663849	62995863	0.68	cps
Iron	57-2	1551326	1557781	1542293	1550467	0.50	cps
Iron	54-2	3453245	3483321	3494791	3477119	0.62	cps
Krypton	83-1	83	80	60	74	16.95	cps

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Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:41:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17485471	17621626	17767807	17624968	0.80	cps
Lead	207-1	15268056	15441669	15343634	15351120	0.57	cps
Lead	208-1	69523894	70655475	69902877	70027415	0.82	cps
Lithium	6-1	741151	743254	737004	740470	0.43	cps
Magnesium	24-2	14209428	14450715	14320976	14327040	0.84	cps
Manganese	55-2	10723348	10869853	11007026	10866742	1.31	cps
Molybdenum	94-1	14624688	14677104	14672729	14658174	0.20	cps
Molybdenum	95-1	21442938	21480521	21408995	21444151	0.17	cps
Molybdenum	96-1	23217269	23516820	23584093	23439394	0.83	cps
Molybdenum	97-1	13251360	13370200	13580963	13400841	1.25	cps
Molybdenum	98-1	34673026	35006374	34709908	34796436	0.53	cps
Neodymium	150-1	463	380	443	429	10.14	cps
Neodymium	150-2	97	90	77	88	11.60	cps
Nickel	60-2	508717	508086	510008	508937	0.19	cps
Phosphorus	31-2	85651	85423	86553	85876	0.70	cps
Potassium	39-2	8602664	8705416	8712179	8673420	0.71	cps
Rhodium	103-1	2378874	2400489	2365487	2381617	0.74	cps
Rhodium	103-2	1361493	1163211	1263696	1262800	7.85	cps
Scandium	45-1	1441697	1475624	1410256	1442525	2.27	cps
Scandium	45-2	131245	115260	120564	122356	6.65	cps
Selenium	82-1	55477	55455	55811	55581	0.36	cps
Selenium	77-2	5561	5194	5004	5253	5.39	cps
Selenium	78-2	17177	17681	17807	17555	1.90	cps
Silicon	28-1	2076272	2055354	2054701	2062109	0.60	cps
Silver	107-1	4747533	4770619	4817990	4778714	0.75	cps
Silver	109-1	4508011	4507697	4599875	4538528	1.17	cps
Sodium	23-2	24255604	24358876	24340902	24318461	0.23	cps
Strontium	86-1	31875636	32096529	32046390	32006185	0.36	cps
Strontium	88-1	277778143	280116369	280233062	279375858	0.50	cps
Sulfur	34-1	408534	405210	404134	405959	0.57	cps
Terbium	159-1	4019442	3989962	3980292	3996565	0.51	cps
Terbium	159-2	2634244	2252639	2466494	2451126	7.80	cps
Thallium	203-1	4414413	4331684	4423430	4389842	1.15	cps
Thallium	205-1	10398499	10343199	10510608	10417436	0.82	cps
Tin	118-1	3579005	3603777	3643278	3608687	0.90	cps
Titanium	47-1	4950242	4964042	4933949	4949411	0.30	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:41:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14061719	14140213	14047060	14082997	0.36	cps
Vanadium	51-2	1292375	1304178	1299853	1298802	0.46	cps
Yttrium	89-1	4757820	4751837	4679098	4729585	0.93	cps
Yttrium	89-2	1179435	1008844	1101250	1096510	7.79	cps
Zinc	66-2	2406719	2410263	2428551	2415178	0.49	cps
Zirconium	90-1	6592260	6671217	6615257	6626245	0.61	cps
Zirconium	91-1	1462716	1462213	1483697	1469542	0.83	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:44:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8807305	8815639	8732529	8785158	0.52	cps
Antimony	121-1	3037	3374	3007	3139	6.49	cps
Arsenic	75-2	130	87	87	101	24.74	cps
Barium	135-1	2110	2474	2084	2223	9.81	cps
Barium	137-1	3567	4084	3514	3722	8.47	cps
Beryllium	9-1	507	433	457	466	8.05	cps
Bismuth	209-1	2068789	2070272	2074886	2071316	0.15	cps
Bismuth	209-2	1504699	1495788	1493963	1498150	0.38	cps
Bromine	81-1	6461	6271	6338	6357	1.52	cps
Bromine	81-2	33	27	43	34	24.35	cps
Cadmium	108-1	50	70	43	54	25.49	cps
Cadmium	106-1	1420	1593	1440	1485	6.39	cps
Cadmium	111-1	1136	1376	1164	1226	10.73	cps
Calcium	43-1	4959408	5057449	4977279	4998045	1.04	cps
Calcium	44-1	79093797	80179165	79617269	79630077	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4434	4708	4421	4521	3.58	cps
Cobalt	59-2	5411	5374	5324	5370	0.81	cps
Copper	63-2	3340	3404	3180	3308	3.48	cps
Dysprosium	156-1	170	187	163	173	6.93	cps
Dysprosium	156-2	133	133	123	130	4.45	cps
Erbium	164-1	173	113	187	158	24.76	cps
Erbium	164-2	170	137	140	149	12.33	cps
Gadolinium	160-1	143	150	130	141	7.22	cps
Gadolinium	160-2	163	213	210	196	14.29	cps
Holmium	165-1	3669437	3676795	3635009	3660414	0.61	cps
Holmium	165-2	2528621	2533911	2544091	2535541	0.31	cps
Indium	115-1	2658910	2625665	2617207	2633927	0.84	cps
Indium	115-2	835078	836112	832982	834724	0.19	cps
Iron	56-2	296471356	296398822	291439989	294770056	0.98	cps
Iron	57-2	7264708	7234899	7243809	7247805	0.21	cps
Iron	54-2	15981271	16073431	16033391	16029365	0.29	cps
Krypton	83-1	83	83	77	81	4.74	cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:44:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3410	3377	2747	3178	11.76	cps
Lead	207-1	2887	2940	2654	2827	5.39	cps
Lead	208-1	13309	13013	11419	12580	8.08	cps
Lithium	6-1	715984	726661	733380	725342	1.21	cps
Magnesium	24-2	74704657	74422006	74509681	74545448	0.19	cps
Manganese	55-2	5788	5785	5831	5801	0.45	cps
Molybdenum	94-1	3931	3737	3374	3681	7.68	cps
Molybdenum	95-1	3977	4135	3650	3921	6.30	cps
Molybdenum	96-1	7352	9218	6952	7840	15.43	cps
Molybdenum	97-1	2380	5589	2087	3352	57.96	cps
Molybdenum	98-1	5808	14705	5304	8606	61.45	cps
Neodymium	150-1	80	97	67	81	18.53	cps
Neodymium	150-2	53	37	47	46	18.41	cps
Nickel	60-2	1940	2020	1807	1922	5.61	cps
Phosphorus	31-2	133	167	127	142	15.07	cps
Potassium	39-2	42277371	41960583	42855379	42364444	1.07	cps
Rhodium	103-1	2151896	2210954	2167607	2176819	1.41	cps
Rhodium	103-2	1202678	1205261	1197436	1201792	0.33	cps
Scandium	45-1	1416739	1424120	1424600	1421820	0.31	cps
Scandium	45-2	125907	129192	127860	127653	1.29	cps
Selenium	82-1	150	178	221	183	19.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	73	110	90	20.62	cps
Silicon	28-1	201630	196819	195773	198074	1.58	cps
Silver	107-1	763	1989	470	1074	75.01	cps
Silver	109-1	557	1264	493	771	55.46	cps
Sodium	23-2	118858248	117910082	118329725	118366018	0.40	cps
Strontium	86-1	5318	5038	4627	4994	6.95	cps
Strontium	88-1	47262	43003	41649	43971	6.66	cps
Sulfur	34-1	106370	112396	110573	109780	2.82	cps
Terbium	159-1	3759324	3810379	3769351	3779685	0.72	cps
Terbium	159-2	2436691	2530238	2483277	2483402	1.88	cps
Thallium	203-1	513	480	400	464	12.54	cps
Thallium	205-1	1327	1190	913	1143	18.42	cps
Tin	118-1	1866	2216	2075	2052	8.56	cps
Titanium	47-1	647	650	630	642	1.67	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:44:46	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	790	830	563	728	19.76	cps
Vanadium	51-2	410	350	367	376	8.25	cps
Yttrium	89-1	4491364	4477279	4469780	4479474	0.24	cps
Yttrium	89-2	1110672	1118529	1115918	1115040	0.36	cps
Zinc	66-2	857	920	937	904	4.67	cps
Zirconium	90-1	4151	4234	3791	4058	5.81	cps
Zirconium	91-1	847	1020	890	919	9.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICV024	Instrumnet Name :	P7
Client Sample ID :	ICV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:03:58	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46353	46781	46607	46580	0.46	cps
Antimony	121-1	828554	828963	831134	829550	0.17	cps
Arsenic	75-2	37554	36411	37050	37005	1.55	cps
Barium	135-1	109318	109017	109735	109357	0.33	cps
Barium	137-1	189130	189553	190379	189687	0.34	cps
Beryllium	9-1	81978	82403	82196	82192	0.26	cps
Bismuth	209-1	2474130	2459643	2434545	2456106	0.82	cps
Bismuth	209-2	1998339	1947509	1759090	1901646	6.63	cps
Bromine	81-1	6428	6375	6572	6458	1.58	cps
Bromine	81-2	50	23	53	42	38.95	cps
Cadmium	108-1	12115	11955	12102	12057	0.74	cps
Cadmium	106-1	19500	19453	19977	19643	1.48	cps
Cadmium	111-1	109233	110937	111094	110422	0.93	cps
Calcium	43-1	24259	23992	24847	24366	1.79	cps
Calcium	44-1	376235	379195	379587	378339	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152778	151014	153388	152393	0.81	cps
Cobalt	59-2	228355	225011	226129	226498	0.75	cps
Copper	63-2	150245	149972	150003	150074	0.10	cps
Dysprosium	156-1	20	13	13	16	24.76	cps
Dysprosium	156-2	27	3	7	12	103.26	cps
Erbium	164-1	17	13	13	14	13.35	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	10	7	13	10	33.30	cps
Gadolinium	160-2	90	107	103	100	8.82	cps
Holmium	165-1	3912738	3847390	3918533	3892887	1.01	cps
Holmium	165-2	2682545	2676617	2409358	2589507	6.03	cps
Indium	115-1	2953595	2911351	2884917	2916621	1.19	cps
Indium	115-2	927849	917492	837896	894412	5.50	cps
Iron	56-2	2657213	2614033	2574609	2615285	1.58	cps
Iron	57-2	66965	64537	65847	65783	1.85	cps
Iron	54-2	156075	155025	156652	155917	0.53	cps
Krypton	83-1	67	43	57	56	21.08	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICV024	Instrumnet Name :	P7
Client Sample ID :	ICV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:03:58	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	696298	700261	703144	699901	0.49	cps
Lead	207-1	575481	581501	588154	581712	1.09	cps
Lead	208-1	2695789	2722466	2745788	2721347	0.92	cps
Lithium	6-1	788569	785932	792047	788849	0.39	cps
Magnesium	24-2	188685	188385	188317	188462	0.10	cps
Manganese	55-2	117984	117306	117897	117729	0.31	cps
Molybdenum	94-1	6981268	7108024	6910863	7000052	1.43	cps
Molybdenum	95-1	10036777	10043628	10069590	10049998	0.17	cps
Molybdenum	96-1	11075950	10935266	11001866	11004361	0.64	cps
Molybdenum	97-1	6340530	6234508	6322723	6299254	0.90	cps
Molybdenum	98-1	16242593	16433721	16116084	16264133	0.98	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	57446	56285	56914	56882	1.02	cps
Phosphorus	31-2	173	147	120	147	18.18	cps
Potassium	39-2	408868	405097	411249	408405	0.76	cps
Rhodium	103-1	2629399	2597642	2598502	2608515	0.69	cps
Rhodium	103-2	1462412	1439586	1318998	1406999	5.48	cps
Scandium	45-1	1552879	1549318	1536877	1546358	0.54	cps
Scandium	45-2	138035	133273	124447	131918	5.23	cps
Selenium	82-1	12015	12037	12103	12051	0.38	cps
Selenium	77-2	1120	1217	1067	1135	6.70	cps
Selenium	78-2	3904	3897	3934	3912	0.50	cps
Silicon	28-1	1273885	1281462	1282350	1279232	0.36	cps
Silver	107-1	246236	246909	247411	246852	0.24	cps
Silver	109-1	230803	233542	231584	231976	0.61	cps
Sodium	23-2	532500	526383	528467	529117	0.59	cps
Strontium	86-1	666495	668898	667847	667747	0.18	cps
Strontium	88-1	5864154	5934961	5909849	5902988	0.61	cps
Sulfur	34-1	116080	116678	114024	115594	1.20	cps
Terbium	159-1	3968162	4008138	3967261	3981187	0.59	cps
Terbium	159-2	2687759	2642281	2391570	2573870	6.20	cps
Thallium	203-1	847446	851547	863195	854063	0.96	cps
Thallium	205-1	2262471	2311910	2248520	2274300	1.46	cps
Tin	118-1	1997029	1991160	1978417	1988869	0.48	cps
Titanium	47-1	2385990	2411875	2390694	2396187	0.58	cps

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On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICV024	Instrumnet Name :	P7
Client Sample ID :	ICV024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:03:58	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7376754	7398999	7431688	7402480	0.37	cps
Vanadium	51-2	132196	133975	131503	132558	0.96	cps
Yttrium	89-1	4931127	4889736	4831619	4884161	1.02	cps
Yttrium	89-2	1219057	1201550	1092717	1171108	5.84	cps
Zinc	66-2	51231	50966	51830	51342	0.86	cps
Zirconium	90-1	3494414	3483775	3491714	3489968	0.16	cps
Zirconium	91-1	770102	781262	780359	777241	0.80	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICB024	Instrumnet Name :	P7
Client Sample ID :	ICB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:17:04	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	63	73	67	8.66	cps
Antimony	121-1	70	107	100	92	21.18	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	17	7	27	17	59.99	cps
Barium	137-1	30	30	20	27	21.65	cps
Beryllium	9-1	97	83	63	81	20.69	cps
Bismuth	209-1	2388961	2398396	2409495	2398950	0.43	cps
Bismuth	209-2	2004805	1961289	1931459	1965851	1.88	cps
Bromine	81-1	6698	6455	6755	6636	2.40	cps
Bromine	81-2	20	30	43	31	37.62	cps
Cadmium	108-1	7	3	3	4	43.40	cps
Cadmium	106-1	1283	1360	1210	1285	5.84	cps
Cadmium	111-1	897	953	851	900	5.66	cps
Calcium	43-1	197	140	107	148	30.79	cps
Calcium	44-1	2747	2677	2507	2644	4.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203	170	180	184	9.28	cps
Cobalt	59-2	27	33	7	22	62.43	cps
Copper	63-2	727	597	723	682	10.86	cps
Dysprosium	156-1	20	7	10	12	56.76	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	27	17	13	19	36.75	cps
Erbium	164-2	13	27	7	16	65.47	cps
Gadolinium	160-1	13	3	7	8	65.47	cps
Gadolinium	160-2	137	93	107	112	19.78	cps
Holmium	165-1	3804212	3772396	3826306	3800972	0.71	cps
Holmium	165-2	2665065	2669678	2578137	2637627	1.96	cps
Indium	115-1	2941388	2924900	2853637	2906642	1.60	cps
Indium	115-2	919825	928288	921071	923061	0.49	cps
Iron	56-2	5204	4858	5078	5046	3.48	cps
Iron	57-2	473	486	523	494	5.28	cps
Iron	54-2	860	803	833	832	3.41	cps
Krypton	83-1	80	43	77	67	30.42	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICB024	Instrumnet Name :	P7
Client Sample ID :	ICB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:17:04	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	263	290	180	244	23.48	cps
Lead	207-1	280	190	233	234	19.20	cps
Lead	208-1	1107	990	943	1013	8.30	cps
Lithium	6-1	779720	782883	773026	778543	0.65	cps
Magnesium	24-2	1327	1257	1247	1277	3.41	cps
Manganese	55-2	103	143	103	117	19.80	cps
Molybdenum	94-1	130	197	140	156	23.11	cps
Molybdenum	95-1	90	50	90	77	30.12	cps
Molybdenum	96-1	123	120	110	118	5.89	cps
Molybdenum	97-1	30	47	43	40	22.05	cps
Molybdenum	98-1	157	143	120	140	13.26	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	73	60	57	63	13.92	cps
Phosphorus	31-2	97	87	103	96	8.78	cps
Potassium	39-2	33674	33016	33056	33249	1.11	cps
Rhodium	103-1	2619082	2601730	2560342	2593718	1.16	cps
Rhodium	103-2	1452690	1450673	1424200	1442521	1.10	cps
Scandium	45-1	1521208	1505391	1513622	1513407	0.52	cps
Scandium	45-2	134029	135375	131108	133504	1.63	cps
Selenium	82-1	87	151	88	108	33.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	100	133	117	14.29	cps
Silicon	28-1	184368	184152	184459	184326	0.09	cps
Silver	107-1	90	50	70	70	28.57	cps
Silver	109-1	47	43	50	47	7.15	cps
Sodium	23-2	8649	8699	8763	8704	0.65	cps
Strontium	86-1	177	180	143	167	12.16	cps
Strontium	88-1	197	187	227	203	10.24	cps
Sulfur	34-1	121835	121992	122379	122068	0.23	cps
Terbium	159-1	3873883	3898030	3895495	3889136	0.34	cps
Terbium	159-2	2626982	2570252	2492252	2563162	2.64	cps
Thallium	203-1	113	53	73	80	38.19	cps
Thallium	205-1	230	207	170	202	14.96	cps
Tin	118-1	893	843	853	863	3.06	cps
Titanium	47-1	50	33	50	44	21.66	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICB024	Instrumnet Name :	P7
Client Sample ID :	ICB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:17:04	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	23	10	13	66.12	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	4770503	4816149	4725216	4770623	0.95	cps
Yttrium	89-2	1185793	1194740	1193022	1191185	0.40	cps
Zinc	66-2	103	123	93	107	14.32	cps
Zirconium	90-1	283	343	317	314	9.56	cps
Zirconium	91-1	57	57	50	54	7.07	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSA024	Instrumnet Name :	P7
Client Sample ID :	ICSA024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:20:27	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8180782	8104399	8002195	8095792	1.11	cps
Antimony	121-1	4657	4654	4744	4685	1.09	cps
Arsenic	75-2	90	63	87	80	18.17	cps
Barium	135-1	1493	1557	1663	1571	5.47	cps
Barium	137-1	2674	2634	2664	2657	0.78	cps
Beryllium	9-1	273	253	320	282	12.12	cps
Bismuth	209-1	2298370	2299212	2323834	2307139	0.63	cps
Bismuth	209-2	1846687	1870210	1896126	1871008	1.32	cps
Bromine	81-1	6368	6555	6558	6494	1.68	cps
Bromine	81-2	97	113	97	102	9.41	cps
Cadmium	108-1	640	693	617	650	6.05	cps
Cadmium	106-1	1393	1250	1167	1270	9.03	cps
Cadmium	111-1	1317	1136	1165	1206	8.07	cps
Calcium	43-1	1061364	1058124	1058885	1059457	0.16	cps
Calcium	44-1	15906372	15966077	15939818	15937423	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28236	28113	28504	28284	0.71	cps
Cobalt	59-2	2524	2590	2654	2589	2.51	cps
Copper	63-2	11444	11571	11795	11603	1.53	cps
Dysprosium	156-1	60	10	7	26	116.90	cps
Dysprosium	156-2	20	3	33	19	79.59	cps
Erbium	164-1	23	50	17	30	58.79	cps
Erbium	164-2	13	30	23	22	37.76	cps
Gadolinium	160-1	20	43	7	23	79.53	cps
Gadolinium	160-2	120	120	130	123	4.68	cps
Holmium	165-1	3904407	3830843	3895943	3877065	1.04	cps
Holmium	165-2	2674119	2706183	2724446	2701583	0.94	cps
Indium	115-1	2808294	2795345	2751094	2784911	1.08	cps
Indium	115-2	881315	890774	892634	888241	0.68	cps
Iron	56-2	124185185	123053218	122841098	123359834	0.59	cps
Iron	57-2	3070488	3060229	3044710	3058476	0.42	cps
Iron	54-2	6791737	6662822	6690023	6714861	1.01	cps
Krypton	83-1	67	57	77	67	15.00	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSA024	Instrumnet Name :	P7
Client Sample ID :	ICSA024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:20:27	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14698	15242	14685	14875	2.14	cps
Lead	207-1	11388	11525	11688	11534	1.30	cps
Lead	208-1	54650	55674	55484	55269	0.99	cps
Lithium	6-1	746906	745739	745673	746106	0.09	cps
Magnesium	24-2	14176765	13983665	14015834	14058755	0.74	cps
Manganese	55-2	9210	8993	8569	8924	3.65	cps
Molybdenum	94-1	2120536	2131046	2161526	2137703	1.00	cps
Molybdenum	95-1	3671721	3716908	3771208	3719945	1.34	cps
Molybdenum	96-1	3961758	4008434	4007236	3992476	0.67	cps
Molybdenum	97-1	2311844	2360472	2317620	2329979	1.14	cps
Molybdenum	98-1	5988779	5980250	6058114	6009048	0.71	cps
Neodymium	150-1	10	20	20	17	34.64	cps
Neodymium	150-2	13	17	40	23	62.27	cps
Nickel	60-2	2817	2857	3037	2904	4.04	cps
Phosphorus	31-2	426735	422787	424032	424518	0.48	cps
Potassium	39-2	16857199	16767188	16654880	16759756	0.60	cps
Rhodium	103-1	2360610	2341731	2347170	2349837	0.41	cps
Rhodium	103-2	1325544	1341340	1346808	1337897	0.83	cps
Scandium	45-1	1468945	1456134	1406518	1443866	2.28	cps
Scandium	45-2	129894	130008	129511	129804	0.20	cps
Selenium	82-1	127	135	128	130	3.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	127	110	110	15.15	cps
Silicon	28-1	222699	224400	224513	223871	0.45	cps
Silver	107-1	337	403	470	403	16.53	cps
Silver	109-1	360	303	413	359	15.33	cps
Sodium	23-2	23761415	23529598	23587765	23626259	0.51	cps
Strontium	86-1	42271	43063	42936	42756	1.00	cps
Strontium	88-1	375985	379131	379592	378236	0.52	cps
Sulfur	34-1	1540224	1561530	1525990	1542581	1.16	cps
Terbium	159-1	3911850	3950193	3987502	3949848	0.96	cps
Terbium	159-2	2585574	2632216	2588109	2601966	1.01	cps
Thallium	203-1	727	693	667	696	4.32	cps
Thallium	205-1	1747	1743	1780	1757	1.15	cps
Tin	118-1	1415	1379	1426	1407	1.74	cps
Titanium	47-1	938192	934101	931634	934642	0.35	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSA024	Instrumnet Name :	P7
Client Sample ID :	ICSA024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:20:27	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	180	227	247	218	15.71	cps
Vanadium	51-2	257	250	240	249	3.37	cps
Yttrium	89-1	4637414	4696997	4645320	4659910	0.69	cps
Yttrium	89-2	1164723	1172551	1176601	1171292	0.52	cps
Zinc	66-2	2830	2974	2887	2897	2.49	cps
Zirconium	90-1	553	533	483	523	6.89	cps
Zirconium	91-1	80	107	137	108	26.30	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSAB024	Instrumnet Name :	P7
Client Sample ID :	ICSAB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:23:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8163651	8023603	8189702	8125652	1.10	cps
Antimony	121-1	86414	87397	85928	86580	0.86	cps
Arsenic	75-2	3587	3554	3537	3559	0.72	cps
Barium	135-1	23249	23486	23059	23265	0.92	cps
Barium	137-1	39491	40671	39719	39960	1.57	cps
Beryllium	9-1	16058	15791	15618	15823	1.40	cps
Bismuth	209-1	2383743	2399448	2331413	2371534	1.50	cps
Bismuth	209-2	1904914	1879331	1897996	1894080	0.70	cps
Bromine	81-1	6678	6438	7028	6715	4.42	cps
Bromine	81-2	183	127	143	151	19.27	cps
Cadmium	108-1	2230	2030	2210	2157	5.11	cps
Cadmium	106-1	4041	3901	3964	3968	1.77	cps
Cadmium	111-1	21532	21357	21665	21518	0.72	cps
Calcium	43-1	1075911	1076922	1084555	1079130	0.44	cps
Calcium	44-1	16098051	16189203	16085502	16124252	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57265	56171	57268	56901	1.11	cps
Cobalt	59-2	44620	44422	43479	44174	1.38	cps
Copper	63-2	38760	38643	39171	38858	0.71	cps
Dysprosium	156-1	23	30	23	26	15.07	cps
Dysprosium	156-2	23	37	10	23	57.15	cps
Erbium	164-1	37	40	43	40	8.32	cps
Erbium	164-2	43	30	20	31	37.62	cps
Gadolinium	160-1	37	30	23	30	22.23	cps
Gadolinium	160-2	110	90	100	100	10.00	cps
Holmium	165-1	4018900	3935099	4016441	3990146	1.20	cps
Holmium	165-2	2684051	2741736	2725513	2717100	1.09	cps
Indium	115-1	2884232	2898717	2867835	2883595	0.54	cps
Indium	115-2	913340	903158	899543	905347	0.79	cps
Iron	56-2	123226355	125119848	124597818	124314674	0.79	cps
Iron	57-2	3065379	3118545	3031846	3071923	1.42	cps
Iron	54-2	6734187	6782503	6716676	6744455	0.51	cps
Krypton	83-1	67	83	90	80	15.02	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSAB024	Instrumnet Name :	P7
Client Sample ID :	ICSAB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:23:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	84017	84940	84447	84468	0.55	cps
Lead	207-1	70598	70585	70823	70669	0.19	cps
Lead	208-1	325847	327844	326332	326674	0.32	cps
Lithium	6-1	776300	772122	769076	772499	0.47	cps
Magnesium	24-2	14209350	13938445	13893863	14013886	1.22	cps
Manganese	55-2	31470	30194	30725	30796	2.08	cps
Molybdenum	94-1	2327703	2351554	2341939	2340399	0.51	cps
Molybdenum	95-1	3840472	3889068	3899935	3876492	0.82	cps
Molybdenum	96-1	4182549	4210745	4219000	4204098	0.45	cps
Molybdenum	97-1	2452347	2488469	2487353	2476057	0.83	cps
Molybdenum	98-1	6337344	6280105	6293762	6303737	0.47	cps
Neodymium	150-1	17	43	23	28	49.95	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	13396	12799	13223	13139	2.34	cps
Phosphorus	31-2	430255	430331	430762	430449	0.06	cps
Potassium	39-2	16864758	16992224	16757403	16871461	0.70	cps
Rhodium	103-1	2450387	2475178	2422947	2449504	1.07	cps
Rhodium	103-2	1371051	1370624	1362174	1367949	0.37	cps
Scandium	45-1	1481188	1463872	1465663	1470241	0.65	cps
Scandium	45-2	131188	133128	132055	132124	0.74	cps
Selenium	82-1	1270	1281	1253	1268	1.10	cps
Selenium	77-2	137	113	113	121	11.13	cps
Selenium	78-2	377	460	453	430	10.77	cps
Silicon	28-1	331072	332771	333758	332534	0.41	cps
Silver	107-1	90154	90080	89738	89991	0.25	cps
Silver	109-1	85064	84498	85202	84921	0.44	cps
Sodium	23-2	24027875	23567718	24209048	23934880	1.38	cps
Strontium	86-1	107253	106468	107580	107100	0.53	cps
Strontium	88-1	941583	944427	941319	942443	0.18	cps
Sulfur	34-1	1561355	1570418	1571991	1567921	0.37	cps
Terbium	159-1	4079040	4001435	4095602	4058692	1.24	cps
Terbium	159-2	2684566	2648515	2647688	2660256	0.79	cps
Thallium	203-1	95451	96552	95421	95808	0.67	cps
Thallium	205-1	229392	230310	231430	230377	0.44	cps
Tin	118-1	181086	183175	184302	182854	0.89	cps
Titanium	47-1	970815	980187	979421	976808	0.53	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	ICSAB024	Instrumnet Name :	P7
Client Sample ID :	ICSAB024	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 17:23:38	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	608208	620757	610533	613166	1.09	cps
Vanadium	51-2	25538	25335	25278	25384	0.54	cps
Yttrium	89-1	4776356	4833282	4737410	4782349	1.01	cps
Yttrium	89-2	1206674	1196761	1185611	1196349	0.88	cps
Zinc	66-2	7752	7602	7475	7610	1.82	cps
Zirconium	90-1	335130	338020	341177	338109	0.89	cps
Zirconium	91-1	75050	75932	75734	75572	0.61	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P7
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:04:58	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4468175	4391437	4425019	4428210	0.87	cps
Antimony	121-1	1988132	1969680	1991323	1983045	0.59	cps
Arsenic	75-2	83661	82377	83600	83212	0.87	cps
Barium	135-1	2753156	2772447	2696241	2740614	1.45	cps
Barium	137-1	4667845	4652884	4626517	4649082	0.45	cps
Beryllium	9-1	384691	390480	391841	389004	0.98	cps
Bismuth	209-1	2225213	2217615	2182849	2208559	1.02	cps
Bismuth	209-2	1593262	1608232	1517552	1573015	3.09	cps
Bromine	81-1	6318	6165	6168	6217	1.41	cps
Bromine	81-2	50	30	30	37	31.49	cps
Cadmium	108-1	34331	35086	34588	34668	1.11	cps
Cadmium	106-1	50548	51508	50839	50965	0.97	cps
Cadmium	111-1	455899	456710	459753	457454	0.44	cps
Calcium	43-1	2551837	2625037	2631007	2602627	1.69	cps
Calcium	44-1	40742266	41106762	41426524	41091851	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	687783	690837	692551	690390	0.35	cps
Cobalt	59-2	1091865	1098290	1100481	1096879	0.41	cps
Copper	63-2	7477945	7467194	7425325	7456821	0.37	cps
Dysprosium	156-1	157	140	117	138	14.58	cps
Dysprosium	156-2	123	160	170	151	16.26	cps
Erbium	164-1	117	117	120	118	1.63	cps
Erbium	164-2	67	60	63	63	5.27	cps
Gadolinium	160-1	77	100	97	91	13.85	cps
Gadolinium	160-2	197	187	147	177	14.98	cps
Holmium	165-1	3837306	3865881	3775789	3826325	1.20	cps
Holmium	165-2	2645239	2648251	2479258	2590916	3.73	cps
Indium	115-1	2787257	2719510	2726242	2744337	1.36	cps
Indium	115-2	855779	862531	821939	846750	2.57	cps
Iron	56-2	152338941	151900561	152284794	152174766	0.16	cps
Iron	57-2	3747046	3780960	3743328	3757111	0.55	cps
Iron	54-2	8284923	8146090	8233838	8221617	0.85	cps
Krypton	83-1	110	73	97	93	19.89	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P7
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:04:58	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8083897	8070194	8070110	8074733	0.10	cps
Lead	207-1	6982707	7141041	6958256	7027335	1.41	cps
Lead	208-1	31931359	32341509	31975068	32082646	0.70	cps
Lithium	6-1	780756	781074	777426	779752	0.26	cps
Magnesium	24-2	37006715	36917258	36782597	36902190	0.31	cps
Manganese	55-2	5273896	5258311	5237092	5256433	0.35	cps
Molybdenum	94-1	7097887	7102409	7162644	7120980	0.51	cps
Molybdenum	95-1	10325667	10404847	10410649	10380388	0.46	cps
Molybdenum	96-1	11281822	11515726	11395360	11397636	1.03	cps
Molybdenum	97-1	6458319	6539000	6560139	6519153	0.82	cps
Molybdenum	98-1	16720280	16729582	16762285	16737382	0.13	cps
Neodymium	150-1	253	303	237	264	13.12	cps
Neodymium	150-2	67	53	70	63	13.93	cps
Nickel	60-2	266569	265673	265188	265810	0.26	cps
Phosphorus	31-2	42609	42392	41793	42265	1.00	cps
Potassium	39-2	21223208	21219835	21374334	21272459	0.41	cps
Rhodium	103-1	2295219	2326993	2323765	2315326	0.76	cps
Rhodium	103-2	1291697	1286206	1244642	1274182	2.02	cps
Scandium	45-1	1507813	1524587	1480050	1504150	1.50	cps
Scandium	45-2	132069	131807	126126	130001	2.58	cps
Selenium	82-1	26546	26715	26347	26536	0.69	cps
Selenium	77-2	2457	2400	2384	2414	1.59	cps
Selenium	78-2	8382	8232	8329	8315	0.92	cps
Silicon	28-1	1200851	1229434	1242087	1224124	1.73	cps
Silver	107-1	2224715	2239705	2190128	2218183	1.15	cps
Silver	109-1	2107497	2118028	2114362	2113296	0.25	cps
Sodium	23-2	60842579	60171037	60491061	60501559	0.56	cps
Strontium	86-1	15461081	15455260	15708848	15541730	0.93	cps
Strontium	88-1	135235391	134143068	136680205	135352888	0.94	cps
Sulfur	34-1	261976	261718	263102	262265	0.28	cps
Terbium	159-1	3817364	3856214	3891552	3855043	0.96	cps
Terbium	159-2	2570102	2549917	2440897	2520305	2.76	cps
Thallium	203-1	2008222	1989575	2007697	2001831	0.53	cps
Thallium	205-1	4706325	4778704	4834989	4773339	1.35	cps
Tin	118-1	1753315	1734979	1784792	1757696	1.43	cps
Titanium	47-1	2461789	2523633	2485946	2490456	1.25	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P7
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:04:58	DataFile Name :	024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6519793	6533054	6599891	6550913	0.66	cps
Vanadium	51-2	636479	631895	637909	635428	0.49	cps
Yttrium	89-1	4764520	4677370	4702605	4714832	0.95	cps
Yttrium	89-2	1153576	1168233	1115879	1145896	2.36	cps
Zinc	66-2	1236379	1241792	1237069	1238413	0.24	cps
Zirconium	90-1	3218748	3266865	3267202	3250938	0.86	cps
Zirconium	91-1	717923	730938	729659	726173	0.99	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P7
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:07:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	230	237	218	12.47	cps
Antimony	121-1	1830	1747	1843	1807	2.90	cps
Arsenic	75-2	7	3	10	7	50.03	cps
Barium	135-1	123	90	120	111	16.52	cps
Barium	137-1	293	210	173	226	27.26	cps
Beryllium	9-1	510	427	340	426	19.97	cps
Bismuth	209-1	2492320	2502151	2539852	2511441	1.00	cps
Bismuth	209-2	2047635	2015857	1982947	2015479	1.60	cps
Bromine	81-1	6088	6408	6418	6305	2.98	cps
Bromine	81-2	47	37	23	36	32.93	cps
Cadmium	108-1	3	13	13	10	57.75	cps
Cadmium	106-1	1483	1393	1263	1380	8.02	cps
Cadmium	111-1	1076	993	885	985	9.73	cps
Calcium	43-1	367	237	200	268	32.71	cps
Calcium	44-1	8228	4287	3954	5490	43.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180	177	160	172	6.22	cps
Cobalt	59-2	97	117	77	97	20.69	cps
Copper	63-2	1067	1087	1043	1066	2.04	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	13	20	27	20	33.35	cps
Erbium	164-2	13	27	10	17	52.93	cps
Gadolinium	160-1	3	3	0	2	86.60	cps
Gadolinium	160-2	107	110	100	106	4.82	cps
Holmium	165-1	3913272	3956259	3929437	3932989	0.55	cps
Holmium	165-2	2727115	2754985	2717945	2733348	0.71	cps
Indium	115-1	3060303	3021177	2977068	3019516	1.38	cps
Indium	115-2	962310	955631	952720	956887	0.51	cps
Iron	56-2	14687	15088	16593	15456	6.50	cps
Iron	57-2	662	742	956	786	19.31	cps
Iron	54-2	1437	1507	1473	1472	2.38	cps
Krypton	83-1	57	103	87	82	28.76	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P7
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:07:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1737	1137	953	1276	32.13	cps
Lead	207-1	2921	993	787	1567	75.12	cps
Lead	208-1	11636	4410	3944	6663	64.73	cps
Lithium	6-1	827050	821258	829974	826094	0.54	cps
Magnesium	24-2	2930	3237	3197	3121	5.34	cps
Manganese	55-2	463	427	420	437	5.34	cps
Molybdenum	94-1	990	857	873	907	8.01	cps
Molybdenum	95-1	940	680	683	768	19.43	cps
Molybdenum	96-1	1150	817	860	942	19.24	cps
Molybdenum	97-1	613	443	510	522	16.40	cps
Molybdenum	98-1	1503	1140	1163	1269	16.03	cps
Neodymium	150-1	3	0	3	2	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	63	50	50	26.66	cps
Phosphorus	31-2	153	123	133	137	11.18	cps
Potassium	39-2	39214	38957	38415	38862	1.05	cps
Rhodium	103-1	2635610	2657506	2624258	2639125	0.64	cps
Rhodium	103-2	1505188	1487233	1473159	1488527	1.08	cps
Scandium	45-1	1537079	1572059	1545002	1551380	1.18	cps
Scandium	45-2	140275	140322	136629	139075	1.52	cps
Selenium	82-1	136	97	117	117	16.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	100	73	89	15.61	cps
Silicon	28-1	188544	189334	186678	188185	0.72	cps
Silver	107-1	487	330	317	378	25.02	cps
Silver	109-1	407	317	260	328	22.56	cps
Sodium	23-2	31556	30884	30266	30902	2.09	cps
Strontium	86-1	1074	660	647	793	30.59	cps
Strontium	88-1	9577	4281	3921	5926	53.44	cps
Sulfur	34-1	112080	113306	113131	112839	0.59	cps
Terbium	159-1	4042820	4088448	4093179	4074816	0.68	cps
Terbium	159-2	2715042	2688209	2647820	2683690	1.26	cps
Thallium	203-1	413	337	300	350	16.52	cps
Thallium	205-1	1117	720	737	858	26.16	cps
Tin	118-1	1135	1198	1341	1225	8.61	cps
Titanium	47-1	367	147	177	230	51.88	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P7
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:07:52	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1749	177	190	705	128.19	cps
Vanadium	51-2	23	13	43	27	57.29	cps
Yttrium	89-1	4880623	4940321	4956916	4925954	0.81	cps
Yttrium	89-2	1239080	1240555	1231625	1237087	0.39	cps
Zinc	66-2	230	243	217	230	5.80	cps
Zirconium	90-1	1403	1123	1163	1230	12.31	cps
Zirconium	91-1	247	280	287	271	7.90	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:25:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246173	245655	245296	245708	0.18	cps
Antimony	121-1	3400763	3399178	3355023	3384988	0.77	cps
Arsenic	75-2	108610	105122	107700	107144	1.69	cps
Barium	135-1	691062	694557	706196	697272	1.14	cps
Barium	137-1	1192521	1202323	1209346	1201397	0.70	cps
Beryllium	9-1	250160	251386	253357	251635	0.64	cps
Bismuth	209-1	2448943	2490124	2509541	2482869	1.25	cps
Bismuth	209-2	2047832	1966967	1963604	1992801	2.39	cps
Bromine	81-1	6682	6562	6778	6674	1.63	cps
Bromine	81-2	27	17	37	27	37.50	cps
Cadmium	108-1	27276	27179	26621	27025	1.31	cps
Cadmium	106-1	37799	36740	37535	37358	1.48	cps
Cadmium	111-1	404967	407523	411586	408025	0.82	cps
Calcium	43-1	1997	2100	2177	2091	4.32	cps
Calcium	44-1	18508	18662	18952	18707	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	886885	887926	881404	885405	0.40	cps
Cobalt	59-2	425930	426237	424620	425596	0.20	cps
Copper	63-2	1072092	1082055	1075292	1076480	0.47	cps
Dysprosium	156-1	13	20	33	22	45.83	cps
Dysprosium	156-2	37	23	33	31	22.31	cps
Erbium	164-1	17	13	23	18	28.64	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	7	0	10	6	91.64	cps
Gadolinium	160-2	123	120	100	114	11.03	cps
Holmium	165-1	3945412	3926387	3975169	3948989	0.62	cps
Holmium	165-2	2709729	2707651	2748656	2722012	0.85	cps
Indium	115-1	3024193	3079892	3079428	3061171	1.05	cps
Indium	115-2	965389	953488	957009	958629	0.64	cps
Iron	56-2	1931977	1973078	1925962	1943672	1.32	cps
Iron	57-2	44249	43997	44530	44259	0.60	cps
Iron	54-2	139734	139987	140041	139921	0.12	cps
Krypton	83-1	100	67	100	89	21.65	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:25:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3478395	3465464	3521092	3488317	0.83	cps
Lead	207-1	2947946	3000465	2990056	2979489	0.93	cps
Lead	208-1	13536705	13722037	13727691	13662144	0.80	cps
Lithium	6-1	810171	819097	819856	816374	0.66	cps
Magnesium	24-2	1667	1553	1620	1613	3.53	cps
Manganese	55-2	771291	775662	774469	773808	0.29	cps
Molybdenum	94-1	626799	629753	635221	630591	0.68	cps
Molybdenum	95-1	1099735	1105107	1107517	1104120	0.36	cps
Molybdenum	96-1	1170023	1187699	1190187	1182636	0.93	cps
Molybdenum	97-1	688815	692452	701449	694239	0.94	cps
Molybdenum	98-1	1784805	1781856	1789237	1785299	0.21	cps
Neodymium	150-1	43	70	47	53	27.24	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	932315	932733	934465	933171	0.12	cps
Phosphorus	31-2	83	90	110	94	14.70	cps
Potassium	39-2	34533	34235	33844	34204	1.01	cps
Rhodium	103-1	2688175	2728528	2681771	2699491	0.94	cps
Rhodium	103-2	1499208	1481070	1492915	1491065	0.62	cps
Scandium	45-1	1585151	1589084	1588672	1587636	0.14	cps
Scandium	45-2	140426	139390	139410	139742	0.42	cps
Selenium	82-1	28671	29173	29187	29010	1.01	cps
Selenium	77-2	2874	2640	2804	2773	4.32	cps
Selenium	78-2	9223	9233	9049	9168	1.13	cps
Silicon	28-1	856207	859605	863309	859707	0.41	cps
Silver	107-1	2957434	2907465	2967586	2944161	1.09	cps
Silver	109-1	2788632	2829990	2843111	2820578	1.01	cps
Sodium	23-2	29816	30223	30383	30141	0.97	cps
Strontium	86-1	598586	606770	605353	603570	0.72	cps
Strontium	88-1	5292965	5245123	5339365	5292485	0.89	cps
Sulfur	34-1	117776	113417	113249	114814	2.24	cps
Terbium	159-1	3986695	4101817	4046237	4044916	1.42	cps
Terbium	159-2	2695213	2661565	2660438	2672405	0.74	cps
Thallium	203-1	1897895	1884082	1865658	1882545	0.86	cps
Thallium	205-1	4519931	4522864	4452435	4498410	0.89	cps
Tin	118-1	2055	2212	1928	2065	6.90	cps
Titanium	47-1	200	177	177	184	7.30	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:25:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	70	20	37	78.73	cps
Vanadium	51-2	1514856	1513770	1507717	1512114	0.25	cps
Yttrium	89-1	5006312	5046626	5017723	5023554	0.41	cps
Yttrium	89-2	1250977	1234790	1237524	1241097	0.70	cps
Zinc	66-2	168546	168168	168866	168527	0.21	cps
Zirconium	90-1	2340	2414	2560	2438	4.60	cps
Zirconium	91-1	787	807	750	781	3.68	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:28:38	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7295	7365	7158	7273	1.45	cps
Antimony	121-1	1590	1633	1667	1630	2.36	cps
Arsenic	75-2	10	3	13	9	57.30	cps
Barium	135-1	297	277	253	276	7.87	cps
Barium	137-1	450	497	353	433	16.87	cps
Beryllium	9-1	250	207	193	217	13.67	cps
Bismuth	209-1	2503115	2485483	2523601	2504066	0.76	cps
Bismuth	209-2	2061757	2062180	1964953	2029630	2.76	cps
Bromine	81-1	6665	6465	7075	6735	4.62	cps
Bromine	81-2	37	57	47	47	21.43	cps
Cadmium	108-1	13	13	20	16	24.76	cps
Cadmium	106-1	1523	1373	1313	1403	7.71	cps
Cadmium	111-1	1084	992	922	999	8.11	cps
Calcium	43-1	193	180	163	179	8.40	cps
Calcium	44-1	4337	4474	4284	4365	2.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	290	280	267	279	4.20	cps
Cobalt	59-2	113	117	120	117	2.86	cps
Copper	63-2	830	813	893	846	4.99	cps
Dysprosium	156-1	10	17	23	17	39.99	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	13	20	40	24	56.78	cps
Erbium	164-2	13	43	17	24	67.26	cps
Gadolinium	160-1	33	23	17	24	34.31	cps
Gadolinium	160-2	120	90	120	110	15.75	cps
Holmium	165-1	3967372	4091854	4086059	4048428	1.74	cps
Holmium	165-2	2774257	2765317	2708185	2749253	1.30	cps
Indium	115-1	2913333	2934045	2955342	2934240	0.72	cps
Indium	115-2	935044	931092	924870	930335	0.55	cps
Iron	56-2	7562	8026	7915	7834	3.09	cps
Iron	57-2	578	565	538	560	3.64	cps
Iron	54-2	1053	957	1090	1033	6.67	cps
Krypton	83-1	117	93	60	90	31.65	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:28:38	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	783	813	837	811	3.30	cps
Lead	207-1	647	660	663	657	1.34	cps
Lead	208-1	3384	3220	2913	3172	7.52	cps
Lithium	6-1	828930	825847	834958	829911	0.56	cps
Magnesium	24-2	1753	1903	1853	1837	4.16	cps
Manganese	55-2	183	233	180	199	15.02	cps
Molybdenum	94-1	4604	4301	4674	4526	4.39	cps
Molybdenum	95-1	160	183	157	167	8.72	cps
Molybdenum	96-1	960	980	890	943	5.01	cps
Molybdenum	97-1	127	73	73	91	33.80	cps
Molybdenum	98-1	317	323	270	303	9.58	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	217	203	220	213	4.13	cps
Phosphorus	31-2	153	113	90	119	26.94	cps
Potassium	39-2	35030	35598	34686	35105	1.31	cps
Rhodium	103-1	2768566	2706825	2683508	2719633	1.62	cps
Rhodium	103-2	1524838	1513691	1514434	1517654	0.41	cps
Scandium	45-1	1574683	1598867	1614455	1596002	1.26	cps
Scandium	45-2	142257	140699	139421	140792	1.01	cps
Selenium	82-1	81	92	141	105	30.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	113	110	101	18.16	cps
Silicon	28-1	4013438	4087885	4055341	4052221	0.92	cps
Silver	107-1	663	507	373	514	28.22	cps
Silver	109-1	630	403	353	462	31.90	cps
Sodium	23-2	67139	66975	66533	66882	0.47	cps
Strontium	86-1	180	183	183	182	1.06	cps
Strontium	88-1	807	700	777	761	7.23	cps
Sulfur	34-1	108230	106380	107122	107244	0.87	cps
Terbium	159-1	3979447	4118566	4055231	4051081	1.72	cps
Terbium	159-2	2685036	2666127	2713558	2688240	0.89	cps
Thallium	203-1	367	397	353	372	5.96	cps
Thallium	205-1	930	810	783	841	9.29	cps
Tin	118-1	4714330	4770370	4721781	4735494	0.64	cps
Titanium	47-1	48080	48932	48604	48539	0.89	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:28:38	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	40	53	41	28.47	cps
Vanadium	51-2	93	53	60	69	31.11	cps
Yttrium	89-1	5039372	5107188	5200240	5115600	1.58	cps
Yttrium	89-2	1256582	1255718	1249078	1253792	0.33	cps
Zinc	66-2	153	167	213	178	17.72	cps
Zirconium	90-1	11791	11735	11374	11634	1.94	cps
Zirconium	91-1	2560	2710	2510	2594	4.01	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:32:00	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	63	80	68	15.81	cps
Antimony	121-1	1243	640	470	784	51.81	cps
Arsenic	75-2	30	20	13	21	39.75	cps
Barium	135-1	513	517	430	487	10.09	cps
Barium	137-1	753	793	700	749	6.25	cps
Beryllium	9-1	167	150	127	148	13.60	cps
Bismuth	209-1	3580600	3034619	3282552	3299257	8.29	cps
Bismuth	209-2	2642338	2577025	2561532	2593632	1.65	cps
Bromine	81-1	8249	8286	8539	8358	1.89	cps
Bromine	81-2	357	387	397	380	5.48	cps
Cadmium	108-1	3	3	17	8	99.04	cps
Cadmium	106-1	2013	1587	1873	1825	11.92	cps
Cadmium	111-1	1560	1182	1326	1356	14.09	cps
Calcium	43-1	1205409	1168890	1118193	1164164	3.76	cps
Calcium	44-1	17931600	17441827	16715542	17362989	3.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83	87	120	97	20.98	cps
Cobalt	59-2	260	187	253	233	17.38	cps
Copper	63-2	897	893	853	881	2.74	cps
Dysprosium	156-1	7	20	10	12	56.76	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	27	23	13	21	32.88	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	20	30	7	19	61.96	cps
Gadolinium	160-2	150	173	170	164	7.68	cps
Holmium	165-1	5908920	4890822	5652198	5483980	9.66	cps
Holmium	165-2	3690997	3646256	3550865	3629373	1.97	cps
Indium	115-1	4409320	3724811	4280292	4138141	8.79	cps
Indium	115-2	1264589	1247710	1233904	1248734	1.23	cps
Iron	56-2	5968	6158	6038	6055	1.59	cps
Iron	57-2	16428	17030	16919	16793	1.91	cps
Iron	54-2	440	490	417	449	8.35	cps
Krypton	83-1	83	127	90	100	23.34	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:32:00	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6602	6058	5701	6120	7.41	cps
Lead	207-1	5618	5625	4944	5396	7.24	cps
Lead	208-1	25806	24919	21940	24222	8.36	cps
Lithium	6-1	1137249	958346	1050657	1048750	8.53	cps
Magnesium	24-2	6115550	6099024	6030745	6081773	0.74	cps
Manganese	55-2	337	290	323	317	7.59	cps
Molybdenum	94-1	1370	1340	1290	1333	3.03	cps
Molybdenum	95-1	2217	2150	2067	2145	3.51	cps
Molybdenum	96-1	2504	2450	2264	2406	5.24	cps
Molybdenum	97-1	1407	1390	1293	1363	4.49	cps
Molybdenum	98-1	3804	3554	3384	3580	5.90	cps
Neodymium	150-1	17	10	23	17	39.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	107	100	98	10.41	cps
Phosphorus	31-2	53	63	47	54	15.40	cps
Potassium	39-2	5515751	5480686	5460819	5485752	0.51	cps
Rhodium	103-1	3870795	3246387	3653799	3590327	8.83	cps
Rhodium	103-2	1988866	1945116	1919854	1951279	1.79	cps
Scandium	45-1	2393437	2003680	2259701	2218939	8.93	cps
Scandium	45-2	189219	186924	185561	187235	0.99	cps
Selenium	82-1	198	93	193	161	36.67	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	107	133	103	30.77	cps
Silicon	28-1	152928	150986	148444	150786	1.49	cps
Silver	107-1	183	143	163	163	12.24	cps
Silver	109-1	107	113	107	109	3.53	cps
Sodium	23-2	30117111	30163545	29886183	30055613	0.49	cps
Strontium	86-1	13850	13910	13046	13602	3.55	cps
Strontium	88-1	121265	118432	112385	117361	3.86	cps
Sulfur	34-1	110909	114753	119812	115158	3.88	cps
Terbium	159-1	5958280	5065208	5565015	5529501	8.09	cps
Terbium	159-2	3597598	3493198	3486682	3525826	1.77	cps
Thallium	203-1	3941	2324	1407	2557	50.17	cps
Thallium	205-1	10224	5545	3154	6308	57.02	cps
Tin	118-1	3458	2454	1799	2570	32.50	cps
Titanium	47-1	40	43	40	41	4.68	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:32:00	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	10	10	11	17.30	cps
Vanadium	51-2	7	13	17	12	41.65	cps
Yttrium	89-1	7564063	6242101	6967100	6924421	9.56	cps
Yttrium	89-2	1647171	1623657	1617383	1629404	0.96	cps
Zinc	66-2	437	420	377	411	7.53	cps
Zirconium	90-1	160	183	193	179	9.56	cps
Zirconium	91-1	33	30	40	34	14.78	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:35:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241256	238413	240846	240172	0.64	cps
Antimony	121-1	3269080	3350487	3318700	3312756	1.24	cps
Arsenic	75-2	105112	104273	105068	104818	0.45	cps
Barium	135-1	683662	689662	684162	685829	0.49	cps
Barium	137-1	1176221	1184836	1183728	1181595	0.40	cps
Beryllium	9-1	244254	246399	247300	245984	0.64	cps
Bismuth	209-1	2466857	2454361	2428296	2449838	0.80	cps
Bismuth	209-2	1966357	1972239	1957831	1965476	0.37	cps
Bromine	81-1	6718	7052	6968	6913	2.51	cps
Bromine	81-2	100	50	93	81	33.47	cps
Cadmium	108-1	26164	25973	26110	26082	0.38	cps
Cadmium	106-1	37258	37579	37141	37326	0.61	cps
Cadmium	111-1	399696	400669	402929	401098	0.41	cps
Calcium	43-1	2214	2017	2040	2090	5.14	cps
Calcium	44-1	17814	17734	17580	17709	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	859216	861112	863108	861146	0.23	cps
Cobalt	59-2	415279	415407	415413	415366	0.02	cps
Copper	63-2	1050880	1051681	1048497	1050353	0.16	cps
Dysprosium	156-1	30	17	13	20	44.10	cps
Dysprosium	156-2	17	30	20	22	31.22	cps
Erbium	164-1	7	23	13	14	58.06	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	0	20	7	9	114.55	cps
Gadolinium	160-2	97	93	110	100	8.82	cps
Holmium	165-1	3863689	3800628	3835380	3833232	0.82	cps
Holmium	165-2	2677703	2658088	2631037	2655609	0.88	cps
Indium	115-1	2942184	2913201	2889741	2915042	0.90	cps
Indium	115-2	926920	932376	921150	926816	0.61	cps
Iron	56-2	1908516	1884154	1870437	1887702	1.02	cps
Iron	57-2	43101	43584	43240	43309	0.57	cps
Iron	54-2	136599	136848	136935	136794	0.13	cps
Krypton	83-1	63	83	80	76	14.18	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:35:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3458633	3533395	3528988	3507005	1.20	cps
Lead	207-1	2915149	2958384	2956936	2943490	0.83	cps
Lead	208-1	13485630	13705044	13702301	13630992	0.92	cps
Lithium	6-1	800392	786377	782820	789863	1.18	cps
Magnesium	24-2	1623	1510	1570	1568	3.62	cps
Manganese	55-2	758242	753165	754614	755340	0.35	cps
Molybdenum	94-1	610070	617189	615346	614202	0.60	cps
Molybdenum	95-1	1071914	1077157	1075609	1074893	0.25	cps
Molybdenum	96-1	1143990	1156284	1161553	1153942	0.78	cps
Molybdenum	97-1	673728	678293	681084	677702	0.55	cps
Molybdenum	98-1	1730661	1761191	1743124	1744992	0.88	cps
Neodymium	150-1	67	70	60	66	7.77	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	906540	919364	911311	912405	0.71	cps
Phosphorus	31-2	133	100	117	117	14.28	cps
Potassium	39-2	34008	34880	34332	34407	1.28	cps
Rhodium	103-1	2570360	2547323	2541165	2552950	0.60	cps
Rhodium	103-2	1442858	1454000	1424313	1440390	1.04	cps
Scandium	45-1	1533902	1518413	1512053	1521456	0.74	cps
Scandium	45-2	134154	133821	132338	133438	0.72	cps
Selenium	82-1	28671	28830	28394	28632	0.77	cps
Selenium	77-2	2654	2654	2624	2644	0.66	cps
Selenium	78-2	9400	9410	9136	9315	1.67	cps
Silicon	28-1	823667	824895	823426	823996	0.10	cps
Silver	107-1	2841006	2879422	2848100	2856176	0.72	cps
Silver	109-1	2714989	2739642	2742136	2732256	0.55	cps
Sodium	23-2	30123	30757	30360	30413	1.05	cps
Strontium	86-1	584560	591531	589751	588614	0.62	cps
Strontium	88-1	5170877	5242590	5211187	5208218	0.69	cps
Sulfur	34-1	122792	116464	110718	116658	5.18	cps
Terbium	159-1	3945686	3919455	3872644	3912595	0.95	cps
Terbium	159-2	2657528	2680492	2592052	2643357	1.74	cps
Thallium	203-1	1864271	1876493	1877498	1872754	0.39	cps
Thallium	205-1	4438227	4464693	4517751	4473557	0.91	cps
Tin	118-1	2118	2129	2226	2157	2.76	cps
Titanium	47-1	130	177	143	150	16.02	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:35:16	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	7	13	10	33.30	cps
Vanadium	51-2	1452844	1444734	1464447	1454009	0.68	cps
Yttrium	89-1	4797548	4847237	4847954	4830913	0.60	cps
Yttrium	89-2	1195062	1200128	1190152	1195114	0.42	cps
Zinc	66-2	164653	164397	163072	164041	0.52	cps
Zirconium	90-1	2220	2124	2107	2150	2.85	cps
Zirconium	91-1	717	743	663	708	5.76	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-03	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:38:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6925	7025	7008	6986	0.77	cps
Antimony	121-1	1473	1513	1680	1556	7.05	cps
Arsenic	75-2	27	7	7	13	86.58	cps
Barium	135-1	267	240	213	240	11.11	cps
Barium	137-1	430	513	380	441	15.27	cps
Beryllium	9-1	293	247	183	241	22.90	cps
Bismuth	209-1	2383594	2386167	2423138	2397633	0.92	cps
Bismuth	209-2	1968770	1994386	1995433	1986196	0.76	cps
Bromine	81-1	6778	7155	7052	6995	2.78	cps
Bromine	81-2	53	50	73	59	21.43	cps
Cadmium	108-1	10	13	17	13	25.01	cps
Cadmium	106-1	1513	1410	1387	1437	4.69	cps
Cadmium	111-1	1076	1008	982	1022	4.72	cps
Calcium	43-1	153	217	167	179	18.66	cps
Calcium	44-1	4447	4344	4207	4333	2.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213	303	293	270	18.27	cps
Cobalt	59-2	110	97	147	118	21.98	cps
Copper	63-2	833	867	940	880	6.20	cps
Dysprosium	156-1	7	17	13	12	41.65	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	27	33	27	29	13.31	cps
Erbium	164-2	3	27	23	18	71.00	cps
Gadolinium	160-1	7	13	23	14	58.06	cps
Gadolinium	160-2	137	137	83	119	25.90	cps
Holmium	165-1	3773159	3925796	3842148	3847034	1.99	cps
Holmium	165-2	2712684	2631742	2667791	2670739	1.52	cps
Indium	115-1	2875053	2854407	2877111	2868857	0.44	cps
Indium	115-2	894803	888362	895813	892992	0.45	cps
Iron	56-2	7135	7042	7078	7085	0.66	cps
Iron	57-2	602	599	558	586	4.18	cps
Iron	54-2	1013	973	1017	1001	2.41	cps
Krypton	83-1	43	93	103	80	40.18	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-03	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:38:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	933	730	780	814	13.01	cps
Lead	207-1	743	680	660	694	6.26	cps
Lead	208-1	3480	2937	3094	3170	8.82	cps
Lithium	6-1	786874	788335	798049	791086	0.77	cps
Magnesium	24-2	1627	1643	1667	1646	1.22	cps
Manganese	55-2	157	200	223	193	17.50	cps
Molybdenum	94-1	4007	4147	4137	4097	1.91	cps
Molybdenum	95-1	193	160	90	148	35.69	cps
Molybdenum	96-1	913	850	957	907	5.92	cps
Molybdenum	97-1	90	87	80	86	5.95	cps
Molybdenum	98-1	247	217	233	232	6.47	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	243	213	170	209	17.65	cps
Phosphorus	31-2	97	143	103	114	22.06	cps
Potassium	39-2	34716	35164	34429	34770	1.07	cps
Rhodium	103-1	2602783	2607503	2626311	2612199	0.48	cps
Rhodium	103-2	1458183	1445874	1460080	1454712	0.53	cps
Scandium	45-1	1509163	1551334	1536507	1532335	1.40	cps
Scandium	45-2	135153	135160	134877	135063	0.12	cps
Selenium	82-1	165	134	111	137	19.75	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	137	127	97	120	17.35	cps
Silicon	28-1	3912542	3991627	3985815	3963328	1.11	cps
Silver	107-1	593	387	340	440	30.64	cps
Silver	109-1	520	340	290	383	31.56	cps
Sodium	23-2	68016	68803	68096	68305	0.63	cps
Strontium	86-1	210	207	193	203	4.34	cps
Strontium	88-1	783	753	663	733	8.52	cps
Sulfur	34-1	106921	108797	110257	108658	1.54	cps
Terbium	159-1	3942569	3909991	3932317	3928292	0.42	cps
Terbium	159-2	2655537	2620706	2595789	2624011	1.14	cps
Thallium	203-1	260	233	290	261	10.86	cps
Thallium	205-1	790	780	650	740	10.55	cps
Tin	118-1	4756018	4696965	4648832	4700605	1.14	cps
Titanium	47-1	46575	46819	47544	46979	1.07	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-03	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:38:28	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	37	33	39	17.85	cps
Vanadium	51-2	67	73	80	73	9.09	cps
Yttrium	89-1	4783822	4907636	4837243	4842900	1.28	cps
Yttrium	89-2	1210378	1199312	1204403	1204698	0.46	cps
Zinc	66-2	180	150	170	167	9.17	cps
Zirconium	90-1	11241	10998	11461	11233	2.06	cps
Zirconium	91-1	2420	2570	2590	2527	3.68	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:41:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	67	37	58	31.77	cps
Antimony	121-1	510	403	300	404	25.96	cps
Arsenic	75-2	10	10	13	11	17.30	cps
Barium	135-1	450	453	510	471	7.16	cps
Barium	137-1	777	657	890	774	15.07	cps
Beryllium	9-1	137	173	167	159	12.29	cps
Bismuth	209-1	3476561	3378724	3172269	3342518	4.65	cps
Bismuth	209-2	2523550	2565391	2496168	2528370	1.38	cps
Bromine	81-1	8216	8379	8102	8232	1.69	cps
Bromine	81-2	407	373	430	403	7.06	cps
Cadmium	108-1	7	17	0	8	107.84	cps
Cadmium	106-1	2117	1770	1867	1918	9.33	cps
Cadmium	111-1	1560	1271	1323	1385	11.14	cps
Calcium	43-1	1182564	1142926	1106556	1144016	3.32	cps
Calcium	44-1	17443650	17359090	16658444	17153728	2.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130	123	107	120	10.01	cps
Cobalt	59-2	217	253	257	242	9.16	cps
Copper	63-2	870	800	973	881	9.90	cps
Dysprosium	156-1	27	10	7	14	74.18	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	23	27	20	23	14.29	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	27	13	10	17	52.93	cps
Gadolinium	160-2	130	113	163	136	18.78	cps
Holmium	165-1	5763774	5496568	5445517	5568620	3.07	cps
Holmium	165-2	3625020	3564438	3543659	3577706	1.18	cps
Indium	115-1	4330725	4129475	4115712	4191970	2.87	cps
Indium	115-2	1238518	1218446	1222974	1226646	0.86	cps
Iron	56-2	5578	5888	5598	5688	3.05	cps
Iron	57-2	16943	17073	17026	17014	0.39	cps
Iron	54-2	387	473	357	406	14.94	cps
Krypton	83-1	103	90	83	92	11.04	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:41:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3774	3430	3274	3493	7.32	cps
Lead	207-1	3147	2897	2700	2915	7.68	cps
Lead	208-1	14733	13196	12362	13430	8.96	cps
Lithium	6-1	1112954	1073939	1048052	1078315	3.03	cps
Magnesium	24-2	6117164	6039776	6073323	6076754	0.64	cps
Manganese	55-2	273	237	287	266	9.75	cps
Molybdenum	94-1	1440	1420	1277	1379	6.46	cps
Molybdenum	95-1	2214	2130	1847	2064	9.32	cps
Molybdenum	96-1	2320	2470	2030	2274	9.84	cps
Molybdenum	97-1	1427	1403	1317	1382	4.19	cps
Molybdenum	98-1	3847	3457	3344	3549	7.44	cps
Neodymium	150-1	0	17	10	9	94.38	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	123	103	97	108	12.88	cps
Phosphorus	31-2	37	77	80	64	37.42	cps
Potassium	39-2	5471049	5430315	5395520	5432295	0.70	cps
Rhodium	103-1	3774193	3623902	3556143	3651413	3.06	cps
Rhodium	103-2	1915355	1901094	1900617	1905689	0.44	cps
Scandium	45-1	2337928	2252989	2166845	2252587	3.80	cps
Scandium	45-2	186000	183634	182111	183915	1.07	cps
Selenium	82-1	146	193	156	165	14.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	107	103	99	10.83	cps
Silicon	28-1	148770	148912	145725	147802	1.22	cps
Silver	107-1	130	133	123	129	3.95	cps
Silver	109-1	107	113	103	108	4.73	cps
Sodium	23-2	29753094	29953837	30100533	29935821	0.58	cps
Strontium	86-1	13737	13450	13123	13436	2.29	cps
Strontium	88-1	120905	115559	110867	115777	4.34	cps
Sulfur	34-1	108995	115237	118501	114244	4.23	cps
Terbium	159-1	5902963	5585087	5466848	5651633	3.99	cps
Terbium	159-2	3542337	3494963	3506173	3514491	0.70	cps
Thallium	203-1	1157	560	553	757	45.78	cps
Thallium	205-1	2624	1340	1193	1719	45.77	cps
Tin	118-1	1818	1577	1332	1575	15.41	cps
Titanium	47-1	47	27	37	37	27.27	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:41:49	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	10	13	16	44.60	cps
Vanadium	51-2	23	33	10	22	52.68	cps
Yttrium	89-1	7297851	7121985	6795912	7071916	3.60	cps
Yttrium	89-2	1623857	1555677	1591043	1590192	2.14	cps
Zinc	66-2	357	287	280	308	13.80	cps
Zirconium	90-1	240	113	203	186	35.13	cps
Zirconium	91-1	37	37	23	32	23.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:45:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120841	119547	120378	120255	0.55	cps
Antimony	121-1	1615341	1628661	1651698	1631900	1.13	cps
Arsenic	75-2	52683	51114	51884	51894	1.51	cps
Barium	135-1	334055	336632	336907	335865	0.47	cps
Barium	137-1	577198	586627	590643	584823	1.18	cps
Beryllium	9-1	121826	122910	122272	122336	0.45	cps
Bismuth	209-1	2410989	2361693	2360333	2377672	1.21	cps
Bismuth	209-2	2009605	1943677	1965567	1972950	1.70	cps
Bromine	81-1	6318	6545	6595	6486	2.27	cps
Bromine	81-2	80	67	57	68	17.27	cps
Cadmium	108-1	13149	12726	12912	12929	1.64	cps
Cadmium	106-1	18699	18919	18842	18820	0.59	cps
Cadmium	111-1	195938	199379	197988	197768	0.88	cps
Calcium	43-1	1177	1033	1127	1112	6.54	cps
Calcium	44-1	10817	10741	10507	10688	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	428229	434056	427440	429908	0.84	cps
Cobalt	59-2	204959	205808	204876	205214	0.25	cps
Copper	63-2	525825	519304	522836	522655	0.62	cps
Dysprosium	156-1	7	10	7	8	24.71	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	33	10	3	16	101.28	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	0	13	7	7	99.98	cps
Gadolinium	160-2	100	113	113	109	7.07	cps
Holmium	165-1	3781928	3823885	3768869	3791561	0.76	cps
Holmium	165-2	2694364	2626881	2660978	2660741	1.27	cps
Indium	115-1	2880349	2923958	2915695	2906667	0.80	cps
Indium	115-2	926952	914105	923278	921445	0.72	cps
Iron	56-2	990896	989849	986089	988945	0.26	cps
Iron	57-2	21593	21887	21684	21721	0.69	cps
Iron	54-2	68505	68287	69405	68732	0.86	cps
Krypton	83-1	103	77	63	81	25.11	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:45:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1517086	1540903	1556373	1538120	1.29	cps
Lead	207-1	1267866	1291229	1295892	1284996	1.17	cps
Lead	208-1	6226185	6352429	6379331	6319315	1.29	cps
Lithium	6-1	803771	790617	799827	798072	0.85	cps
Magnesium	24-2	1640	1493	1567	1567	4.68	cps
Manganese	55-2	375708	376247	379192	377049	0.50	cps
Molybdenum	94-1	304101	307081	307555	306246	0.61	cps
Molybdenum	95-1	530834	533633	534387	532951	0.35	cps
Molybdenum	96-1	569811	575749	572699	572753	0.52	cps
Molybdenum	97-1	331287	337566	336372	335075	1.00	cps
Molybdenum	98-1	859939	868506	872717	867054	0.75	cps
Neodymium	150-1	47	30	30	36	27.07	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	455625	453720	452005	453784	0.40	cps
Phosphorus	31-2	117	77	103	99	20.59	cps
Potassium	39-2	34449	34225	33911	34195	0.79	cps
Rhodium	103-1	2522971	2548973	2573220	2548388	0.99	cps
Rhodium	103-2	1448303	1419648	1445267	1437739	1.09	cps
Scandium	45-1	1491482	1512001	1523643	1509042	1.08	cps
Scandium	45-2	133212	131501	134225	132979	1.04	cps
Selenium	82-1	14127	14092	14279	14166	0.70	cps
Selenium	77-2	1407	1187	1193	1262	9.91	cps
Selenium	78-2	4394	4424	4431	4416	0.44	cps
Silicon	28-1	503892	503802	503730	503808	0.02	cps
Silver	107-1	1382890	1393138	1387941	1387990	0.37	cps
Silver	109-1	1318334	1322700	1323274	1321436	0.20	cps
Sodium	23-2	26803	26246	26206	26418	1.26	cps
Strontium	86-1	292252	293350	293701	293101	0.26	cps
Strontium	88-1	2592761	2585682	2600427	2592956	0.28	cps
Sulfur	34-1	122869	118229	117003	119367	2.59	cps
Terbium	159-1	3882295	3887740	3933688	3901241	0.72	cps
Terbium	159-2	2611662	2556920	2648984	2605856	1.78	cps
Thallium	203-1	820303	827684	833513	827166	0.80	cps
Thallium	205-1	2195038	2205719	2183861	2194873	0.50	cps
Tin	118-1	1655	1714	1737	1702	2.47	cps
Titanium	47-1	127	130	117	124	5.57	cps

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On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:45:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	7	23	18	54.11	cps
Vanadium	51-2	734925	740835	748137	741299	0.89	cps
Yttrium	89-1	4851785	4796048	4757853	4801895	0.98	cps
Yttrium	89-2	1189261	1182319	1191795	1187792	0.41	cps
Zinc	66-2	82047	80964	81075	81362	0.73	cps
Zirconium	90-1	1257	1333	1297	1296	2.96	cps
Zirconium	91-1	363	407	410	393	6.62	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:48:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3764	3720	3510	3665	3.70	cps
Antimony	121-1	1010	963	1180	1051	10.85	cps
Arsenic	75-2	0	17	13	10	88.20	cps
Barium	135-1	150	167	157	158	5.32	cps
Barium	137-1	320	297	313	310	3.88	cps
Beryllium	9-1	193	143	123	153	23.52	cps
Bismuth	209-1	2415385	2366990	2420516	2400963	1.23	cps
Bismuth	209-2	1982754	1950970	2008252	1980659	1.45	cps
Bromine	81-1	6642	6375	6568	6528	2.11	cps
Bromine	81-2	50	67	70	62	17.22	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	1447	1417	1313	1392	5.02	cps
Cadmium	111-1	1021	999	926	982	5.10	cps
Calcium	43-1	237	153	200	197	21.24	cps
Calcium	44-1	4164	4081	3817	4021	4.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327	197	250	258	25.35	cps
Cobalt	59-2	110	103	93	102	8.21	cps
Copper	63-2	847	747	803	799	6.28	cps
Dysprosium	156-1	20	13	27	20	33.35	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	30	10	17	19	53.91	cps
Erbium	164-2	23	3	13	13	75.02	cps
Gadolinium	160-1	13	20	7	13	49.99	cps
Gadolinium	160-2	87	127	97	103	20.14	cps
Holmium	165-1	3856826	3821846	3860620	3846430	0.56	cps
Holmium	165-2	2681535	2659822	2669525	2670294	0.41	cps
Indium	115-1	2896970	2922435	3005657	2941687	1.93	cps
Indium	115-2	928750	924130	917650	923510	0.60	cps
Iron	56-2	6001	5901	5921	5941	0.89	cps
Iron	57-2	525	575	599	566	6.64	cps
Iron	54-2	923	873	940	912	3.80	cps
Krypton	83-1	80	57	67	68	17.27	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:48:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	563	597	537	566	5.32	cps
Lead	207-1	510	450	487	482	6.27	cps
Lead	208-1	2490	2210	2170	2290	7.61	cps
Lithium	6-1	799762	793770	799552	797695	0.43	cps
Magnesium	24-2	1493	1593	1547	1545	3.24	cps
Manganese	55-2	183	183	160	176	7.68	cps
Molybdenum	94-1	2267	2107	2154	2176	3.78	cps
Molybdenum	95-1	83	137	133	118	25.37	cps
Molybdenum	96-1	513	470	413	466	10.77	cps
Molybdenum	97-1	80	87	90	86	5.95	cps
Molybdenum	98-1	210	153	233	199	20.68	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	143	83	113	113	26.48	cps
Phosphorus	31-2	113	80	87	93	18.90	cps
Potassium	39-2	34379	34372	34028	34260	0.59	cps
Rhodium	103-1	2633996	2635312	2651225	2640177	0.36	cps
Rhodium	103-2	1469260	1462845	1470465	1467523	0.28	cps
Scandium	45-1	1540082	1524012	1542378	1535490	0.65	cps
Scandium	45-2	136179	135802	134675	135552	0.58	cps
Selenium	82-1	103	93	116	104	11.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	90	97	93	93	3.57	cps
Silicon	28-1	2076032	2059354	2082085	2072490	0.57	cps
Silver	107-1	347	357	257	320	17.21	cps
Silver	109-1	410	257	237	301	31.49	cps
Sodium	23-2	41262	41255	41897	41471	0.89	cps
Strontium	86-1	213	183	233	210	11.98	cps
Strontium	88-1	477	483	480	480	0.69	cps
Sulfur	34-1	109747	107471	106011	107743	1.75	cps
Terbium	159-1	3932448	3977663	4059024	3989712	1.61	cps
Terbium	159-2	2646994	2675441	2614002	2645479	1.16	cps
Thallium	203-1	187	183	153	174	10.52	cps
Thallium	205-1	467	500	420	462	8.69	cps
Tin	118-1	2313159	2405372	2359437	2359322	1.95	cps
Titanium	47-1	23198	23201	23422	23274	0.55	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 18:48:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	23	7	18	54.11	cps
Vanadium	51-2	73	63	57	64	13.01	cps
Yttrium	89-1	4856953	4829451	4817241	4834548	0.42	cps
Yttrium	89-2	1230589	1216638	1209328	1218851	0.89	cps
Zinc	66-2	143	143	130	139	5.55	cps
Zirconium	90-1	5594	5721	5878	5731	2.48	cps
Zirconium	91-1	1277	1323	1250	1283	2.89	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	5
Date & Time Acquired :	2024-10-17 18:51:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	160	200	187	12.37	cps
Antimony	121-1	293	260	343	299	14.03	cps
Arsenic	75-2	0	7	7	4	86.60	cps
Barium	135-1	90	117	103	103	12.90	cps
Barium	137-1	183	213	207	201	7.83	cps
Beryllium	9-1	167	140	160	156	8.92	cps
Bismuth	209-1	2501894	2538138	2473538	2504523	1.29	cps
Bismuth	209-2	2003060	1993138	1985062	1993753	0.45	cps
Bromine	81-1	7312	7509	6868	7230	4.54	cps
Bromine	81-2	143	103	113	120	17.35	cps
Cadmium	108-1	0	3	10	4	114.60	cps
Cadmium	106-1	1420	1593	1223	1412	13.11	cps
Cadmium	111-1	997	1120	856	991	13.31	cps
Calcium	43-1	162243	161461	160960	161555	0.40	cps
Calcium	44-1	2409219	2428549	2441706	2426492	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153	150	187	163	12.41	cps
Cobalt	59-2	60	67	47	58	17.62	cps
Copper	63-2	530	617	597	581	7.81	cps
Dysprosium	156-1	13	7	7	9	43.25	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	13	10	10	11	17.30	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	10	23	7	13	66.12	cps
Gadolinium	160-2	137	140	93	123	21.11	cps
Holmium	165-1	4018690	4030147	3965485	4004774	0.86	cps
Holmium	165-2	2756205	2776869	2709062	2747379	1.27	cps
Indium	115-1	3091543	3075746	3054219	3073836	0.61	cps
Indium	115-2	962208	964398	945273	957293	1.09	cps
Iron	56-2	5241	5204	5081	5175	1.62	cps
Iron	57-2	3089	2926	2950	2988	2.96	cps
Iron	54-2	670	837	717	741	11.60	cps
Krypton	83-1	83	97	67	82	18.28	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	5
Date & Time Acquired :	2024-10-17 18:51:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	533	383	360	426	22.10	cps
Lead	207-1	423	377	387	396	6.21	cps
Lead	208-1	1993	1727	1680	1800	9.39	cps
Lithium	6-1	822219	816328	811309	816619	0.67	cps
Magnesium	24-2	933147	929646	924059	928951	0.49	cps
Manganese	55-2	137	137	113	129	10.45	cps
Molybdenum	94-1	273	307	303	294	6.23	cps
Molybdenum	95-1	350	373	350	358	3.76	cps
Molybdenum	96-1	397	447	457	433	7.42	cps
Molybdenum	97-1	187	263	270	240	19.29	cps
Molybdenum	98-1	587	617	563	589	4.54	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	47	70	63	60	20.03	cps
Phosphorus	31-2	100	103	103	102	1.88	cps
Potassium	39-2	892622	887332	883148	887701	0.53	cps
Rhodium	103-1	2688455	2699789	2650032	2679426	0.97	cps
Rhodium	103-2	1481748	1496825	1477380	1485317	0.69	cps
Scandium	45-1	1607386	1602013	1579633	1596344	0.92	cps
Scandium	45-2	140252	139310	138109	139224	0.77	cps
Selenium	82-1	123	86	96	102	18.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	127	110	110	15.15	cps
Silicon	28-1	171450	169695	172411	171186	0.80	cps
Silver	107-1	110	97	70	92	22.08	cps
Silver	109-1	73	87	57	72	20.81	cps
Sodium	23-2	4403768	4414135	4389703	4402535	0.28	cps
Strontium	86-1	2174	2060	2044	2092	3.38	cps
Strontium	88-1	16753	16373	16259	16462	1.57	cps
Sulfur	34-1	112695	114716	115694	114368	1.34	cps
Terbium	159-1	4159988	4138263	4107994	4135415	0.63	cps
Terbium	159-2	2716375	2695401	2649003	2686926	1.28	cps
Thallium	203-1	150	160	120	143	14.52	cps
Thallium	205-1	333	340	317	330	3.64	cps
Tin	118-1	1287	1330	1437	1351	5.71	cps
Titanium	47-1	40	53	80	58	35.25	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3847-06DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	5
Date & Time Acquired :	2024-10-17 18:51:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	10	3	6	69.34	cps
Vanadium	51-2	10	20	13	14	35.26	cps
Yttrium	89-1	5083306	5065814	5060043	5069721	0.24	cps
Yttrium	89-2	1247721	1244827	1229377	1240642	0.79	cps
Zinc	66-2	90	133	70	98	33.11	cps
Zirconium	90-1	217	197	157	190	16.08	cps
Zirconium	91-1	23	50	30	34	40.30	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P7
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:55:08	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4258921	4293810	4304473	4285734	0.56	cps
Antimony	121-1	1901929	1943002	1965068	1936666	1.65	cps
Arsenic	75-2	82796	82041	81864	82234	0.60	cps
Barium	135-1	2665213	2653274	2717632	2678706	1.28	cps
Barium	137-1	4538833	4578502	4618742	4578692	0.87	cps
Beryllium	9-1	367265	368254	373075	369531	0.84	cps
Bismuth	209-1	2181523	2168332	2156435	2168763	0.58	cps
Bismuth	209-2	1573392	1575058	1586034	1578161	0.44	cps
Bromine	81-1	6318	6415	5945	6226	3.99	cps
Bromine	81-2	43	47	37	42	12.06	cps
Cadmium	108-1	33786	34444	34180	34137	0.97	cps
Cadmium	106-1	49410	50223	49675	49769	0.83	cps
Cadmium	111-1	440319	448868	449870	446352	1.18	cps
Calcium	43-1	2499790	2495616	2545542	2513650	1.10	cps
Calcium	44-1	39194408	39573685	39633943	39467345	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	680421	667779	670339	672846	0.99	cps
Cobalt	59-2	1076685	1075319	1065284	1072429	0.58	cps
Copper	63-2	7400722	7213588	7314473	7309594	1.28	cps
Dysprosium	156-1	157	133	147	146	8.04	cps
Dysprosium	156-2	157	157	183	166	9.30	cps
Erbium	164-1	120	103	120	114	8.41	cps
Erbium	164-2	70	73	97	80	18.17	cps
Gadolinium	160-1	87	77	80	81	6.28	cps
Gadolinium	160-2	123	183	183	163	21.21	cps
Holmium	165-1	3828422	3691073	3736901	3752132	1.86	cps
Holmium	165-2	2615253	2568186	2577203	2586881	0.97	cps
Indium	115-1	2709938	2667243	2670507	2682563	0.89	cps
Indium	115-2	842411	840112	841692	841405	0.14	cps
Iron	56-2	148313384	148532891	148408191	148418156	0.07	cps
Iron	57-2	3697361	3695358	3697731	3696817	0.03	cps
Iron	54-2	8096404	8060532	8110978	8089305	0.32	cps
Krypton	83-1	53	77	90	73	25.31	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P7
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:55:08	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7720386	7841793	7917202	7826461	1.27	cps
Lead	207-1	6711312	6867756	6914077	6831048	1.56	cps
Lead	208-1	30623618	31252509	31711158	31195762	1.75	cps
Lithium	6-1	753234	742368	736345	743982	1.15	cps
Magnesium	24-2	36060128	35951614	36065321	36025688	0.18	cps
Manganese	55-2	5146567	5165046	5178341	5163318	0.31	cps
Molybdenum	94-1	6947886	6940051	6961811	6949916	0.16	cps
Molybdenum	95-1	10153441	10240078	10091487	10161669	0.73	cps
Molybdenum	96-1	10999372	11255858	11108462	11121231	1.16	cps
Molybdenum	97-1	6324643	6416928	6426119	6389230	0.88	cps
Molybdenum	98-1	16335100	16507444	16545948	16462831	0.68	cps
Neodymium	150-1	263	263	260	262	0.74	cps
Neodymium	150-2	80	93	93	89	8.66	cps
Nickel	60-2	260580	260265	258560	259802	0.42	cps
Phosphorus	31-2	41743	41001	40580	41108	1.43	cps
Potassium	39-2	20736696	20773017	20815437	20775050	0.19	cps
Rhodium	103-1	2345521	2323208	2238295	2302341	2.46	cps
Rhodium	103-2	1262458	1282568	1269933	1271653	0.80	cps
Scandium	45-1	1490002	1458761	1402578	1450447	3.05	cps
Scandium	45-2	128917	129494	128214	128875	0.50	cps
Selenium	82-1	25225	25843	25788	25619	1.34	cps
Selenium	77-2	2360	2307	2424	2364	2.47	cps
Selenium	78-2	8232	8139	8206	8192	0.59	cps
Silicon	28-1	1135013	1142316	1155513	1144281	0.91	cps
Silver	107-1	2141322	2145462	2176003	2154262	0.88	cps
Silver	109-1	2047768	2101271	2057787	2068942	1.37	cps
Sodium	23-2	58688136	58608074	57647721	58314644	0.99	cps
Strontium	86-1	14996733	15060326	15362226	15139762	1.29	cps
Strontium	88-1	131086291	132858035	133253525	132399284	0.87	cps
Sulfur	34-1	253746	256715	256186	255549	0.62	cps
Terbium	159-1	3899194	3822471	3791790	3837818	1.44	cps
Terbium	159-2	2558895	2550574	2538237	2549235	0.41	cps
Thallium	203-1	1886339	1958768	1975862	1940323	2.45	cps
Thallium	205-1	4627639	4629881	4728957	4662159	1.24	cps
Tin	118-1	1725129	1723220	1729762	1726037	0.19	cps
Titanium	47-1	2407327	2410444	2422034	2413268	0.32	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P7
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:55:08	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6299175	6454416	6442738	6398776	1.35	cps
Vanadium	51-2	620081	616092	616705	617626	0.35	cps
Yttrium	89-1	4694030	4651531	4640967	4662176	0.60	cps
Yttrium	89-2	1137748	1142996	1131986	1137577	0.48	cps
Zinc	66-2	1212561	1210857	1206034	1209817	0.28	cps
Zirconium	90-1	3124636	3175099	3194625	3164787	1.14	cps
Zirconium	91-1	701564	705997	707558	705040	0.44	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P7
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:58:04	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	213	163	182	14.90	cps
Antimony	121-1	1493	1450	1807	1583	12.29	cps
Arsenic	75-2	13	20	13	16	24.76	cps
Barium	135-1	170	110	77	119	39.78	cps
Barium	137-1	303	170	190	221	32.52	cps
Beryllium	9-1	310	300	233	281	14.83	cps
Bismuth	209-1	2396857	2427638	2460395	2428297	1.31	cps
Bismuth	209-2	1967148	1658240	1986908	1870765	9.85	cps
Bromine	81-1	6558	6845	6325	6576	3.96	cps
Bromine	81-2	30	30	27	29	6.65	cps
Cadmium	108-1	10	3	10	8	49.52	cps
Cadmium	106-1	1487	1280	1550	1439	9.81	cps
Cadmium	111-1	1050	930	1118	1033	9.20	cps
Calcium	43-1	227	237	200	221	8.57	cps
Calcium	44-1	4721	4024	3671	4138	12.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253	203	203	220	13.12	cps
Cobalt	59-2	97	97	103	99	3.89	cps
Copper	63-2	917	930	1053	967	7.80	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	7	13	3	8	65.47	cps
Erbium	164-2	13	7	33	18	78.05	cps
Gadolinium	160-1	13	7	13	11	34.61	cps
Gadolinium	160-2	117	97	133	116	15.89	cps
Holmium	165-1	3841061	3921564	3792946	3851857	1.69	cps
Holmium	165-2	2688607	2280469	2679476	2549517	9.14	cps
Indium	115-1	2906286	2997859	2885156	2929767	2.04	cps
Indium	115-2	925445	785238	929733	880139	9.34	cps
Iron	56-2	11221	10701	11314	11079	2.99	cps
Iron	57-2	645	575	648	623	6.64	cps
Iron	54-2	1110	1090	1200	1133	5.17	cps
Krypton	83-1	47	53	73	58	24.02	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P7
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:58:04	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	977	903	730	870	14.56	cps
Lead	207-1	793	693	660	716	9.70	cps
Lead	208-1	4037	3377	3117	3510	13.51	cps
Lithium	6-1	786376	800725	787983	791695	0.99	cps
Magnesium	24-2	2547	2524	2694	2588	3.56	cps
Manganese	55-2	300	290	317	302	4.46	cps
Molybdenum	94-1	963	767	717	816	15.99	cps
Molybdenum	95-1	917	813	643	791	17.45	cps
Molybdenum	96-1	1113	860	843	939	16.12	cps
Molybdenum	97-1	483	470	400	451	9.92	cps
Molybdenum	98-1	1413	1217	997	1209	17.24	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	43	40	48	22.43	cps
Phosphorus	31-2	107	107	83	99	13.63	cps
Potassium	39-2	36397	36006	36360	36254	0.60	cps
Rhodium	103-1	2559272	2579097	2544920	2561096	0.67	cps
Rhodium	103-2	1430102	1223627	1454850	1369527	9.27	cps
Scandium	45-1	1504021	1552429	1527207	1527886	1.58	cps
Scandium	45-2	133572	113342	136743	127886	9.93	cps
Selenium	82-1	99	117	97	104	10.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	123	107	90	107	15.63	cps
Silicon	28-1	174162	175917	176521	175533	0.70	cps
Silver	107-1	407	330	253	330	23.23	cps
Silver	109-1	270	233	187	230	18.16	cps
Sodium	23-2	22406	22286	21992	22228	0.96	cps
Strontium	86-1	950	687	560	732	27.17	cps
Strontium	88-1	6902	5084	4181	5389	25.72	cps
Sulfur	34-1	115952	116332	115573	115952	0.33	cps
Terbium	159-1	3860758	3957816	3923623	3914066	1.26	cps
Terbium	159-2	2589029	2210691	2645247	2481656	9.52	cps
Thallium	203-1	330	333	283	316	8.86	cps
Thallium	205-1	827	713	550	697	19.96	cps
Tin	118-1	1118	1394	1378	1297	11.95	cps
Titanium	47-1	227	160	160	182	21.12	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P7
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 18:58:04	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	343	280	177	267	31.55	cps
Vanadium	51-2	23	17	37	26	39.85	cps
Yttrium	89-1	4762597	4891953	4804313	4819621	1.37	cps
Yttrium	89-2	1194942	1006632	1196013	1132529	9.63	cps
Zinc	66-2	183	157	157	166	9.30	cps
Zirconium	90-1	907	873	823	868	4.83	cps
Zirconium	91-1	200	213	203	206	3.38	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:01:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120817	121842	120511	121057	0.58	cps
Antimony	121-1	1648356	1671927	1674773	1665019	0.87	cps
Arsenic	75-2	53506	52867	52934	53102	0.66	cps
Barium	135-1	343582	344824	347351	345252	0.56	cps
Barium	137-1	593074	599528	602181	598261	0.78	cps
Beryllium	9-1	121880	123828	124973	123560	1.27	cps
Bismuth	209-1	2475032	2504573	2488838	2489481	0.59	cps
Bismuth	209-2	2036381	1968359	2040996	2015245	2.02	cps
Bromine	81-1	6518	6582	6358	6486	1.78	cps
Bromine	81-2	30	47	43	40	22.05	cps
Cadmium	108-1	13179	13516	13280	13325	1.30	cps
Cadmium	106-1	19630	19443	19847	19640	1.03	cps
Cadmium	111-1	202984	204911	205035	204310	0.56	cps
Calcium	43-1	1567	1140	1213	1307	17.47	cps
Calcium	44-1	16733	10664	10344	12580	28.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	437686	441637	438308	439210	0.48	cps
Cobalt	59-2	210038	207805	207319	208387	0.70	cps
Copper	63-2	531798	532032	527804	530544	0.45	cps
Dysprosium	156-1	7	13	20	13	49.99	cps
Dysprosium	156-2	23	7	10	13	66.12	cps
Erbium	164-1	17	27	17	20	28.86	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	7	10	13	10	33.30	cps
Gadolinium	160-2	113	127	127	122	6.30	cps
Holmium	165-1	3916360	3896077	3858008	3890148	0.76	cps
Holmium	165-2	2728106	2633240	2774829	2712059	2.66	cps
Indium	115-1	2994935	2973596	3000369	2989633	0.47	cps
Indium	115-2	953588	922347	969116	948350	2.51	cps
Iron	56-2	1009810	1018560	1000406	1009592	0.90	cps
Iron	57-2	22732	21650	21380	21921	3.26	cps
Iron	54-2	69868	69536	68093	69166	1.36	cps
Krypton	83-1	97	60	87	81	23.37	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:01:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1564096	1580186	1573104	1572462	0.51	cps
Lead	207-1	1311967	1318882	1323541	1318130	0.44	cps
Lead	208-1	6476199	6559155	6458198	6497851	0.83	cps
Lithium	6-1	809898	808704	809032	809211	0.08	cps
Magnesium	24-2	1603	1653	1430	1562	7.50	cps
Manganese	55-2	379833	383406	382753	381997	0.50	cps
Molybdenum	94-1	307019	313114	314007	311380	1.22	cps
Molybdenum	95-1	541279	548345	545597	545074	0.65	cps
Molybdenum	96-1	583070	589558	584969	585865	0.57	cps
Molybdenum	97-1	343363	346667	345459	345163	0.48	cps
Molybdenum	98-1	869406	885937	880630	878658	0.96	cps
Neodymium	150-1	30	27	23	27	12.51	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	460275	463020	460651	461315	0.32	cps
Phosphorus	31-2	160	150	127	146	11.75	cps
Potassium	39-2	34710	33861	34182	34251	1.25	cps
Rhodium	103-1	2637294	2645856	2627662	2636937	0.35	cps
Rhodium	103-2	1484677	1446729	1504939	1478781	2.00	cps
Scandium	45-1	1554716	1557452	1537129	1549766	0.71	cps
Scandium	45-2	137925	132646	139421	136664	2.60	cps
Selenium	82-1	14299	14578	14163	14347	1.47	cps
Selenium	77-2	1263	1463	1453	1393	8.09	cps
Selenium	78-2	4517	4781	4627	4642	2.85	cps
Silicon	28-1	500415	508142	508477	505678	0.90	cps
Silver	107-1	1409726	1427204	1427514	1421481	0.72	cps
Silver	109-1	1338378	1356561	1350218	1348386	0.68	cps
Sodium	23-2	23445	23104	22697	23082	1.62	cps
Strontium	86-1	297436	302319	299751	299836	0.81	cps
Strontium	88-1	2610995	2663417	2677189	2650534	1.32	cps
Sulfur	34-1	114478	111997	109794	112090	2.09	cps
Terbium	159-1	4044228	3999369	3992798	4012132	0.70	cps
Terbium	159-2	2648289	2619479	2723040	2663603	2.01	cps
Thallium	203-1	841663	852635	845438	846578	0.66	cps
Thallium	205-1	2249382	2265733	2219169	2244761	1.05	cps
Tin	118-1	1559	1529	1625	1571	3.13	cps
Titanium	47-1	397	157	140	231	62.15	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-02DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-TM1-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:01:26	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	27	37	40	38.18	cps
Vanadium	51-2	748044	758489	754867	753800	0.70	cps
Yttrium	89-1	4941462	4874705	4965328	4927165	0.95	cps
Yttrium	89-2	1238420	1197825	1259298	1231848	2.54	cps
Zinc	66-2	83371	84128	83039	83513	0.67	cps
Zirconium	90-1	1767	1717	1703	1729	1.93	cps
Zirconium	91-1	457	433	503	464	7.67	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:04:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3530	3514	3590	3545	1.14	cps
Antimony	121-1	1020	1043	1130	1064	5.45	cps
Arsenic	75-2	7	23	3	11	96.43	cps
Barium	135-1	160	200	167	176	12.21	cps
Barium	137-1	243	303	300	282	11.95	cps
Beryllium	9-1	207	187	140	178	19.24	cps
Bismuth	209-1	2438584	2456093	2437831	2444169	0.42	cps
Bismuth	209-2	1964791	1971889	1994910	1977197	0.80	cps
Bromine	81-1	6391	6101	6565	6353	3.69	cps
Bromine	81-2	37	60	80	59	36.83	cps
Cadmium	108-1	3	10	0	4	114.60	cps
Cadmium	106-1	1393	1353	1323	1357	2.59	cps
Cadmium	111-1	993	957	940	963	2.82	cps
Calcium	43-1	170	177	217	188	13.44	cps
Calcium	44-1	3997	4081	3931	4003	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243	253	217	238	7.97	cps
Cobalt	59-2	97	80	90	89	9.44	cps
Copper	63-2	660	707	860	742	14.10	cps
Dysprosium	156-1	10	3	7	7	50.03	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	20	30	27	26	19.92	cps
Erbium	164-2	27	13	17	19	36.75	cps
Gadolinium	160-1	30	13	20	21	39.75	cps
Gadolinium	160-2	127	117	113	119	5.84	cps
Holmium	165-1	3867730	3861115	3854348	3861064	0.17	cps
Holmium	165-2	2686282	2691028	2660814	2679375	0.61	cps
Indium	115-1	3045615	2916425	2973709	2978583	2.17	cps
Indium	115-2	927411	924033	930247	927230	0.34	cps
Iron	56-2	6428	6712	6618	6586	2.19	cps
Iron	57-2	515	542	612	556	8.98	cps
Iron	54-2	840	910	957	902	6.51	cps
Krypton	83-1	87	80	83	83	4.00	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:04:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	637	643	700	660	5.27	cps
Lead	207-1	583	483	480	516	11.39	cps
Lead	208-1	2527	2397	2507	2477	2.83	cps
Lithium	6-1	813702	811467	809869	811679	0.24	cps
Magnesium	24-2	1600	1503	1613	1572	3.82	cps
Manganese	55-2	143	180	167	163	11.36	cps
Molybdenum	94-1	2347	2194	2257	2266	3.40	cps
Molybdenum	95-1	177	137	150	154	13.19	cps
Molybdenum	96-1	500	580	563	548	7.71	cps
Molybdenum	97-1	83	70	87	80	11.02	cps
Molybdenum	98-1	197	260	227	228	13.91	cps
Neodymium	150-1	7	7	17	10	57.72	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	150	103	130	18.49	cps
Phosphorus	31-2	137	93	110	113	19.29	cps
Potassium	39-2	34055	34476	34122	34217	0.66	cps
Rhodium	103-1	2623679	2630732	2656313	2636908	0.65	cps
Rhodium	103-2	1485815	1467494	1469566	1474291	0.68	cps
Scandium	45-1	1557959	1527710	1575035	1553568	1.54	cps
Scandium	45-2	138560	134732	136639	136644	1.40	cps
Selenium	82-1	95	129	107	110	15.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	107	127	117	8.57	cps
Silicon	28-1	2084951	2106323	2116535	2102603	0.77	cps
Silver	107-1	400	333	273	336	18.88	cps
Silver	109-1	400	240	230	290	32.89	cps
Sodium	23-2	41148	41078	40483	40903	0.89	cps
Strontium	86-1	203	180	180	188	7.18	cps
Strontium	88-1	800	613	630	681	15.17	cps
Sulfur	34-1	108035	108874	108294	108401	0.40	cps
Terbium	159-1	4116294	3953648	4087415	4052452	2.14	cps
Terbium	159-2	2714253	2605196	2683271	2667573	2.11	cps
Thallium	203-1	280	187	203	223	22.29	cps
Thallium	205-1	573	513	503	530	7.14	cps
Tin	118-1	2407344	2370769	2454692	2410935	1.75	cps
Titanium	47-1	23889	24300	24540	24243	1.36	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-04DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:04:46	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	13	3	13	75.02	cps
Vanadium	51-2	53	37	60	50	24.03	cps
Yttrium	89-1	4918183	5020478	4962394	4967018	1.03	cps
Yttrium	89-2	1224617	1229491	1228881	1227663	0.22	cps
Zinc	66-2	133	170	170	158	13.41	cps
Zirconium	90-1	6128	6048	6168	6115	1.00	cps
Zirconium	91-1	1257	1360	1310	1309	3.95	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:08:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	100	120	123	20.40	cps
Antimony	121-1	317	313	357	329	7.33	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	197	177	173	182	6.92	cps
Barium	137-1	283	343	337	321	10.24	cps
Beryllium	9-1	167	123	103	131	24.69	cps
Bismuth	209-1	2766373	2621979	2618004	2668785	3.17	cps
Bismuth	209-2	2124863	2127954	2117489	2123435	0.25	cps
Bromine	81-1	7132	7315	7312	7253	1.45	cps
Bromine	81-2	257	210	237	234	9.99	cps
Cadmium	108-1	7	3	17	9	78.08	cps
Cadmium	106-1	1537	1533	1503	1525	1.20	cps
Cadmium	111-1	1091	1101	1041	1078	3.00	cps
Calcium	43-1	436368	437473	430045	434629	0.92	cps
Calcium	44-1	6585636	6489419	6561903	6545652	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170	160	123	151	16.26	cps
Cobalt	59-2	73	93	110	92	19.91	cps
Copper	63-2	687	687	663	679	1.98	cps
Dysprosium	156-1	10	10	13	11	17.30	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	13	13	13	13	0.00	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	10	10	7	9	21.63	cps
Gadolinium	160-2	130	110	130	123	9.36	cps
Holmium	165-1	4473362	4277089	4321391	4357281	2.36	cps
Holmium	165-2	2973561	2958387	2964201	2965383	0.26	cps
Indium	115-1	3390775	3313891	3285817	3330161	1.63	cps
Indium	115-2	1016173	1017551	1003498	1012407	0.77	cps
Iron	56-2	5905	5588	5731	5741	2.76	cps
Iron	57-2	6824	6743	7467	7011	5.66	cps
Iron	54-2	683	673	673	677	0.85	cps
Krypton	83-1	63	97	73	78	22.00	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:08:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	967	910	843	907	6.81	cps
Lead	207-1	863	733	683	760	12.23	cps
Lead	208-1	3510	3464	3344	3439	2.50	cps
Lithium	6-1	920551	905081	895400	907011	1.40	cps
Magnesium	24-2	2392739	2373675	2314896	2360437	1.72	cps
Manganese	55-2	210	190	197	199	5.12	cps
Molybdenum	94-1	593	547	580	573	4.19	cps
Molybdenum	95-1	950	917	803	890	8.64	cps
Molybdenum	96-1	1063	1013	1033	1037	2.43	cps
Molybdenum	97-1	603	573	700	626	10.58	cps
Molybdenum	98-1	1460	1550	1513	1508	3.00	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	87	83	90	87	3.85	cps
Phosphorus	31-2	117	123	107	116	7.26	cps
Potassium	39-2	2174785	2145200	2138897	2152960	0.89	cps
Rhodium	103-1	2918225	2865818	2846238	2876760	1.29	cps
Rhodium	103-2	1594213	1573773	1554147	1574045	1.27	cps
Scandium	45-1	1804527	1745472	1714935	1754978	2.60	cps
Scandium	45-2	149657	150744	149516	149972	0.45	cps
Selenium	82-1	147	116	128	130	11.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	97	90	101	13.73	cps
Silicon	28-1	162790	163400	163910	163367	0.34	cps
Silver	107-1	83	100	90	91	9.21	cps
Silver	109-1	73	87	63	74	15.73	cps
Sodium	23-2	11520721	11617754	11532870	11557115	0.46	cps
Strontium	86-1	5358	5261	5134	5251	2.13	cps
Strontium	88-1	44969	44343	44337	44550	0.81	cps
Sulfur	34-1	109451	114539	118965	114318	4.16	cps
Terbium	159-1	4576875	4480549	4372337	4476587	2.29	cps
Terbium	159-2	2885349	2916763	2903638	2901916	0.54	cps
Thallium	203-1	300	253	203	252	19.17	cps
Thallium	205-1	713	517	390	540	30.17	cps
Tin	118-1	1112	1179	1262	1185	6.34	cps
Titanium	47-1	37	53	87	59	43.23	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P3846-06DLX2	Instrumnet Name :	P7
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	2
Date & Time Acquired :	2024-10-17 19:08:06	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	10	14	26.66	cps
Vanadium	51-2	10	17	17	14	26.66	cps
Yttrium	89-1	5585277	5441640	5448226	5491714	1.48	cps
Yttrium	89-2	1324808	1336926	1311669	1324468	0.95	cps
Zinc	66-2	160	167	187	171	8.11	cps
Zirconium	90-1	173	170	140	161	11.40	cps
Zirconium	91-1	30	17	47	31	48.31	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BL	Instrumnet Name :	P7
Client Sample ID :	PBW203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:16:39	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	73	63	66	10.58	cps
Antimony	121-1	137	153	180	157	13.95	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	13	3	17	11	62.48	cps
Barium	137-1	27	23	50	33	43.59	cps
Beryllium	9-1	100	133	113	116	14.52	cps
Bismuth	209-1	2479236	2454958	2444651	2459615	0.72	cps
Bismuth	209-2	1970454	1989468	1980928	1980283	0.48	cps
Bromine	81-1	6918	6898	6775	6864	1.13	cps
Bromine	81-2	27	37	40	34	20.14	cps
Cadmium	108-1	0	7	3	3	100.05	cps
Cadmium	106-1	1313	1173	1310	1266	6.31	cps
Cadmium	111-1	926	817	915	886	6.79	cps
Calcium	43-1	130	160	143	144	10.41	cps
Calcium	44-1	2764	2627	2447	2613	6.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153	160	170	161	5.20	cps
Cobalt	59-2	23	7	30	20	60.08	cps
Copper	63-2	663	563	580	602	8.90	cps
Dysprosium	156-1	10	3	17	10	66.70	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	30	37	17	28	36.66	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	20	10	17	16	32.73	cps
Gadolinium	160-2	127	97	127	117	14.85	cps
Holmium	165-1	3886069	3875717	3871733	3877840	0.19	cps
Holmium	165-2	2683975	2686129	2639349	2669818	0.99	cps
Indium	115-1	2997549	3018852	2939524	2985308	1.38	cps
Indium	115-2	933666	930727	922462	928952	0.63	cps
Iron	56-2	4981	4774	4731	4829	2.77	cps
Iron	57-2	476	460	493	476	3.46	cps
Iron	54-2	720	823	937	827	13.11	cps
Krypton	83-1	97	110	70	92	22.08	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BL	Instrumnet Name :	P7
Client Sample ID :	PBW203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:16:39	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	320	363	243	309	19.67	cps
Lead	207-1	267	237	247	250	6.11	cps
Lead	208-1	1163	1197	1057	1139	6.42	cps
Lithium	6-1	781832	787640	783732	784401	0.38	cps
Magnesium	24-2	1453	1567	1560	1527	4.17	cps
Manganese	55-2	73	67	80	73	9.09	cps
Molybdenum	94-1	110	90	117	106	13.15	cps
Molybdenum	95-1	30	63	63	52	36.85	cps
Molybdenum	96-1	70	67	67	68	2.84	cps
Molybdenum	97-1	27	20	40	29	35.25	cps
Molybdenum	98-1	80	103	70	84	20.26	cps
Neodymium	150-1	3	3	0	2	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	33	43	46	29.58	cps
Phosphorus	31-2	127	113	83	108	20.60	cps
Potassium	39-2	33353	33908	33614	33625	0.82	cps
Rhodium	103-1	2640259	2660436	2625469	2642055	0.66	cps
Rhodium	103-2	1463634	1451891	1446619	1454048	0.60	cps
Scandium	45-1	1562465	1521367	1540922	1541585	1.33	cps
Scandium	45-2	137396	134090	134235	135240	1.38	cps
Selenium	82-1	70	78	129	92	34.67	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	83	93	67	81	16.60	cps
Silicon	28-1	173405	171626	177262	174097	1.66	cps
Silver	107-1	83	60	83	76	17.83	cps
Silver	109-1	43	40	47	43	7.70	cps
Sodium	23-2	11628	11665	11735	11676	0.46	cps
Strontium	86-1	110	167	100	126	28.64	cps
Strontium	88-1	167	127	137	143	14.52	cps
Sulfur	34-1	120961	122059	120988	121336	0.52	cps
Terbium	159-1	3979072	3992291	3893599	3954987	1.35	cps
Terbium	159-2	2617739	2620537	2605121	2614466	0.31	cps
Thallium	203-1	140	103	110	118	16.58	cps
Thallium	205-1	310	243	260	271	12.80	cps
Tin	118-1	870	900	997	922	7.18	cps
Titanium	47-1	40	60	50	50	20.00	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BL	Instrumnet Name :	P7
Client Sample ID :	PBW203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:16:39	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	7	7	0.00	cps
Vanadium	51-2	0	17	10	9	94.38	cps
Yttrium	89-1	4880966	4912347	4838906	4877406	0.76	cps
Yttrium	89-2	1205972	1206300	1190697	1200990	0.74	cps
Zinc	66-2	77	60	100	79	25.47	cps
Zirconium	90-1	203	170	327	233	35.37	cps
Zirconium	91-1	80	43	57	60	30.93	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BS	Instrumnet Name :	P7
Client Sample ID :	LCS203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:20:02	DataFile Name :	042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	924246	916800	920880	920642	0.41	cps
Antimony	121-1	2128795	2162759	2143491	2145015	0.79	cps
Arsenic	75-2	91060	90571	91268	90966	0.39	cps
Barium	135-1	2919699	2914024	2889243	2907655	0.56	cps
Barium	137-1	4926753	4965077	4969425	4953752	0.47	cps
Beryllium	9-1	391489	394794	392662	392982	0.43	cps
Bismuth	209-1	2324065	1934665	2384213	2214314	11.02	cps
Bismuth	209-2	1893864	1903757	1897451	1898358	0.26	cps
Bromine	81-1	6421	6131	6361	6305	2.43	cps
Bromine	81-2	43	37	40	40	8.32	cps
Cadmium	108-1	37351	38221	37866	37813	1.16	cps
Cadmium	106-1	54933	55455	55619	55336	0.65	cps
Cadmium	111-1	504478	510927	507239	507548	0.64	cps
Calcium	43-1	604877	611917	602945	606580	0.78	cps
Calcium	44-1	8885630	8867623	8842472	8865242	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	730768	728726	726645	728713	0.28	cps
Cobalt	59-2	1086549	1080471	1083023	1083348	0.28	cps
Copper	63-2	7608277	7606133	7564177	7592862	0.33	cps
Dysprosium	156-1	90	47	47	61	40.93	cps
Dysprosium	156-2	147	110	173	143	22.19	cps
Erbium	164-1	30	40	33	34	14.78	cps
Erbium	164-2	33	40	33	36	10.83	cps
Gadolinium	160-1	37	23	17	26	39.85	cps
Gadolinium	160-2	117	167	140	141	17.73	cps
Holmium	165-1	3849925	3242102	3971242	3687756	10.59	cps
Holmium	165-2	2684109	2703915	2680963	2689662	0.46	cps
Indium	115-1	2847039	2328273	2883910	2686407	11.57	cps
Indium	115-2	896802	895126	892859	894929	0.22	cps
Iron	56-2	32594286	32570660	32521450	32562132	0.11	cps
Iron	57-2	836305	834354	834960	835206	0.12	cps
Iron	54-2	1799011	1780240	1835171	1804807	1.55	cps
Krypton	83-1	83	50	73	69	24.83	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BS	Instrumnet Name :	P7
Client Sample ID :	LCS203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:20:02	DataFile Name :	042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8624400	8802248	8774717	8733788	1.10	cps
Lead	207-1	7472316	7606387	7674430	7584378	1.36	cps
Lead	208-1	34149615	34713979	34881099	34581564	1.11	cps
Lithium	6-1	767820	644879	779228	730643	10.20	cps
Magnesium	24-2	7341973	7400220	7341388	7361194	0.46	cps
Manganese	55-2	5631616	5576812	5569089	5592506	0.61	cps
Molybdenum	94-1	7492536	7626785	7418474	7512599	1.41	cps
Molybdenum	95-1	10871978	10995461	10916166	10927868	0.57	cps
Molybdenum	96-1	11910106	12300351	11895647	12035368	1.91	cps
Molybdenum	97-1	6833300	7051957	6876234	6920497	1.67	cps
Molybdenum	98-1	17742278	17958023	17662211	17787504	0.86	cps
Neodymium	150-1	230	270	183	228	19.04	cps
Neodymium	150-2	37	53	33	41	26.06	cps
Nickel	60-2	265841	266790	265200	265943	0.30	cps
Phosphorus	31-2	44495	44184	44782	44487	0.67	cps
Potassium	39-2	4526961	4448787	4489818	4488522	0.87	cps
Rhodium	103-1	2510374	2041948	2548446	2366923	11.92	cps
Rhodium	103-2	1397874	1386910	1389006	1391263	0.42	cps
Scandium	45-1	1523303	1228358	1517805	1423155	11.86	cps
Scandium	45-2	132553	131521	132815	132297	0.52	cps
Selenium	82-1	29087	28928	29306	29107	0.65	cps
Selenium	77-2	2787	2697	2660	2715	2.40	cps
Selenium	78-2	9256	9350	8933	9180	2.38	cps
Silicon	28-1	1202520	1217461	1215042	1211674	0.66	cps
Silver	107-1	2488794	2500844	2499259	2496299	0.26	cps
Silver	109-1	2424539	2410300	2392920	2409253	0.66	cps
Sodium	23-2	12505555	12510537	12488949	12501681	0.09	cps
Strontium	86-1	16388839	16330479	16379865	16366394	0.19	cps
Strontium	88-1	142580258	142480348	142849455	142636687	0.13	cps
Sulfur	34-1	268969	266333	264949	266750	0.77	cps
Terbium	159-1	3906160	3293561	3990394	3730038	10.20	cps
Terbium	159-2	2628742	2626283	2595507	2616844	0.71	cps
Thallium	203-1	2130629	2155010	2200026	2161888	1.63	cps
Thallium	205-1	5087308	5165575	5183471	5145451	0.99	cps
Tin	118-1	1832303	1864622	1818679	1838535	1.28	cps
Titanium	47-1	2606487	2610723	2584952	2600721	0.53	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164203BS	Instrumnet Name :	P7
Client Sample ID :	LCS203	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:20:02	DataFile Name :	042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6826636	6839363	6825012	6830337	0.12	cps
Vanadium	51-2	665663	662406	656905	661658	0.67	cps
Yttrium	89-1	4827739	3918316	4855551	4533869	11.76	cps
Yttrium	89-2	1198620	1178885	1190889	1189465	0.84	cps
Zinc	66-2	1264252	1252576	1259721	1258850	0.47	cps
Zirconium	90-1	3330956	3396670	3393118	3373581	1.10	cps
Zirconium	91-1	751577	767891	753345	757604	1.18	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BL	Instrumnet Name :	P7
Client Sample ID :	PBW204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:22:59	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	100	87	87	15.39	cps
Antimony	121-1	1367	1243	1483	1365	8.80	cps
Arsenic	75-2	7	17	7	10	57.72	cps
Barium	135-1	147	87	80	104	35.16	cps
Barium	137-1	173	143	97	138	28.04	cps
Beryllium	9-1	280	227	190	232	19.49	cps
Bismuth	209-1	2432858	2427871	2479921	2446883	1.17	cps
Bismuth	209-2	1961207	1994994	1960792	1972331	1.00	cps
Bromine	81-1	6635	6328	6368	6444	2.59	cps
Bromine	81-2	33	47	23	34	34.00	cps
Cadmium	108-1	7	3	13	8	65.47	cps
Cadmium	106-1	1503	1320	1337	1387	7.31	cps
Cadmium	111-1	1061	942	956	986	6.60	cps
Calcium	43-1	137	163	140	147	9.91	cps
Calcium	44-1	2937	2740	2810	2829	3.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210	223	243	226	7.44	cps
Cobalt	59-2	70	40	53	54	27.61	cps
Copper	63-2	837	820	710	789	8.73	cps
Dysprosium	156-1	0	3	0	1	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	13	7	20	13	49.99	cps
Erbium	164-2	23	10	3	12	83.33	cps
Gadolinium	160-1	3	3	10	6	69.34	cps
Gadolinium	160-2	123	97	140	120	18.21	cps
Holmium	165-1	3912433	3887251	3876995	3892226	0.47	cps
Holmium	165-2	2691562	2673681	2677322	2680855	0.35	cps
Indium	115-1	2967191	2937278	2945540	2950003	0.52	cps
Indium	115-2	928507	928529	929374	928803	0.05	cps
Iron	56-2	5574	5835	5938	5782	3.24	cps
Iron	57-2	522	476	549	516	7.17	cps
Iron	54-2	970	880	850	900	6.94	cps
Krypton	83-1	60	67	50	59	14.25	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BL	Instrumnet Name :	P7
Client Sample ID :	PBW204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:22:59	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	927	780	727	811	12.77	cps
Lead	207-1	890	570	520	660	30.42	cps
Lead	208-1	3744	3037	2873	3218	14.37	cps
Lithium	6-1	777560	772342	775326	775076	0.34	cps
Magnesium	24-2	1537	1497	1450	1495	2.90	cps
Manganese	55-2	227	297	283	269	13.82	cps
Molybdenum	94-1	800	730	707	746	6.52	cps
Molybdenum	95-1	833	677	590	700	17.62	cps
Molybdenum	96-1	933	743	817	831	11.53	cps
Molybdenum	97-1	503	337	357	399	22.81	cps
Molybdenum	98-1	1237	990	1003	1077	12.89	cps
Neodymium	150-1	7	3	0	3	100.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	50	63	62	18.81	cps
Phosphorus	31-2	93	127	120	113	15.57	cps
Potassium	39-2	33357	33460	33594	33470	0.36	cps
Rhodium	103-1	2580887	2577939	2602678	2587168	0.52	cps
Rhodium	103-2	1452463	1446869	1436168	1445166	0.57	cps
Scandium	45-1	1483580	1501675	1514493	1499916	1.04	cps
Scandium	45-2	134820	133905	133387	134037	0.54	cps
Selenium	82-1	117	122	138	125	8.71	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	97	83	97	92	8.35	cps
Silicon	28-1	178202	176911	176760	177291	0.45	cps
Silver	107-1	433	347	277	352	22.28	cps
Silver	109-1	363	270	280	304	16.83	cps
Sodium	23-2	13002	12875	12405	12761	2.47	cps
Strontium	86-1	763	497	473	578	27.89	cps
Strontium	88-1	5775	3754	2934	4154	35.20	cps
Sulfur	34-1	113088	110677	111006	111590	1.17	cps
Terbium	159-1	4010129	3950174	3940992	3967098	0.95	cps
Terbium	159-2	2626358	2634991	2603037	2621462	0.63	cps
Thallium	203-1	207	243	250	233	10.00	cps
Thallium	205-1	690	510	437	546	23.90	cps
Tin	118-1	1058	1044	1077	1060	1.57	cps
Titanium	47-1	200	157	150	169	16.07	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BL	Instrumnet Name :	P7
Client Sample ID :	PBW204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:22:59	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	243	193	150	196	23.89	cps
Vanadium	51-2	7	20	20	16	49.47	cps
Yttrium	89-1	4825001	4804134	4811095	4813410	0.22	cps
Yttrium	89-2	1191922	1201707	1199805	1197811	0.43	cps
Zinc	66-2	157	173	163	164	5.10	cps
Zirconium	90-1	883	723	753	787	10.81	cps
Zirconium	91-1	223	157	190	190	17.54	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BS	Instrumnet Name :	P7
Client Sample ID :	LCS204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:26:21	DataFile Name :	044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932532	933150	925618	930433	0.45	cps
Antimony	121-1	2170531	2176239	2168578	2171783	0.18	cps
Arsenic	75-2	90661	91741	91305	91236	0.60	cps
Barium	135-1	2959055	2951980	2949529	2953521	0.17	cps
Barium	137-1	5021328	5074319	5016022	5037223	0.64	cps
Beryllium	9-1	396110	392791	394745	394549	0.42	cps
Bismuth	209-1	2332442	2419872	2364176	2372164	1.87	cps
Bismuth	209-2	1902274	1873810	1937508	1904530	1.68	cps
Bromine	81-1	6288	6125	6221	6211	1.32	cps
Bromine	81-2	40	23	33	32	26.04	cps
Cadmium	108-1	38260	38404	38133	38266	0.35	cps
Cadmium	106-1	55833	55342	55516	55564	0.45	cps
Cadmium	111-1	511483	512696	511592	511924	0.13	cps
Calcium	43-1	613359	612368	610927	612218	0.20	cps
Calcium	44-1	9065003	8952764	8992627	9003465	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	738584	741565	738961	739703	0.22	cps
Cobalt	59-2	1090060	1094926	1092429	1092472	0.22	cps
Copper	63-2	7644170	7673617	7673042	7663609	0.22	cps
Dysprosium	156-1	63	53	70	62	13.48	cps
Dysprosium	156-2	130	140	117	129	9.08	cps
Erbium	164-1	30	47	40	39	21.57	cps
Erbium	164-2	27	40	43	37	24.04	cps
Gadolinium	160-1	40	43	30	38	18.36	cps
Gadolinium	160-2	117	147	123	129	12.22	cps
Holmium	165-1	3853814	4007938	3890129	3917294	2.06	cps
Holmium	165-2	2675797	2633172	2683498	2664156	1.02	cps
Indium	115-1	2851434	2965794	2863505	2893578	2.17	cps
Indium	115-2	886894	881855	901680	890143	1.16	cps
Iron	56-2	33120918	33074046	33032181	33075715	0.13	cps
Iron	57-2	851342	848711	840745	846933	0.65	cps
Iron	54-2	1835296	1831274	1792974	1819848	1.28	cps
Krypton	83-1	77	80	67	74	9.32	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BS	Instrumnet Name :	P7
Client Sample ID :	LCS204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:26:21	DataFile Name :	044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8791909	8830616	8899173	8840566	0.61	cps
Lead	207-1	7657073	7653757	7712901	7674577	0.43	cps
Lead	208-1	35042802	35229931	35359931	35210888	0.45	cps
Lithium	6-1	766405	784502	771626	774177	1.20	cps
Magnesium	24-2	7387129	7441093	7334556	7387593	0.72	cps
Manganese	55-2	5740125	5611666	5660372	5670721	1.14	cps
Molybdenum	94-1	7692212	7657882	7546764	7632286	1.00	cps
Molybdenum	95-1	11129170	11104077	11052449	11095232	0.35	cps
Molybdenum	96-1	12216010	12177113	12118571	12170565	0.40	cps
Molybdenum	97-1	6993892	6995057	7005593	6998181	0.09	cps
Molybdenum	98-1	18114590	18127638	17924268	18055499	0.63	cps
Neodymium	150-1	250	260	233	248	5.44	cps
Neodymium	150-2	30	50	47	42	25.38	cps
Nickel	60-2	269933	269094	269171	269399	0.17	cps
Phosphorus	31-2	45147	44932	44628	44902	0.58	cps
Potassium	39-2	4468276	4499130	4507215	4491541	0.46	cps
Rhodium	103-1	2465701	2558693	2484337	2502910	1.97	cps
Rhodium	103-2	1387729	1365060	1401768	1384852	1.34	cps
Scandium	45-1	1475347	1500037	1507290	1494225	1.12	cps
Scandium	45-2	131232	129942	133556	131576	1.39	cps
Selenium	82-1	29070	29222	29061	29118	0.31	cps
Selenium	77-2	2814	2720	2517	2684	5.65	cps
Selenium	78-2	9250	9160	8859	9090	2.25	cps
Silicon	28-1	1210988	1210916	1236835	1219579	1.23	cps
Silver	107-1	2477610	2532590	2480429	2496876	1.24	cps
Silver	109-1	2423715	2362576	2406172	2397488	1.31	cps
Sodium	23-2	12529975	12618998	12570244	12573072	0.35	cps
Strontium	86-1	16774865	16544109	16588495	16635823	0.74	cps
Strontium	88-1	146450804	145446018	146579128	146158650	0.42	cps
Sulfur	34-1	264182	260756	261583	262174	0.68	cps
Terbium	159-1	3968932	4052358	3971091	3997461	1.19	cps
Terbium	159-2	2603577	2581443	2674130	2619717	1.85	cps
Thallium	203-1	2178999	2225681	2179200	2194627	1.23	cps
Thallium	205-1	5245036	5314230	5235376	5264881	0.82	cps
Tin	118-1	1855623	1904349	1854135	1871369	1.53	cps
Titanium	47-1	2639881	2605977	2620612	2622157	0.65	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB164204BS	Instrumnet Name :	P7
Client Sample ID :	LCS204	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:26:21	DataFile Name :	044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6863046	6948469	6875567	6895694	0.67	cps
Vanadium	51-2	673514	673356	667450	671440	0.51	cps
Yttrium	89-1	4808112	4909836	4795706	4837885	1.29	cps
Yttrium	89-2	1182672	1176877	1196170	1185240	0.84	cps
Zinc	66-2	1272238	1269249	1272357	1271281	0.14	cps
Zirconium	90-1	3454735	3456197	3427044	3445992	0.48	cps
Zirconium	91-1	772017	772512	765426	769985	0.51	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:29:17	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4427470	4413539	4386222	4409077	0.48	cps
Antimony	121-1	2016716	1998896	2035107	2016907	0.90	cps
Arsenic	75-2	84954	84757	83637	84449	0.84	cps
Barium	135-1	2801484	2809075	2766735	2792432	0.81	cps
Barium	137-1	4766031	4771504	4829469	4789001	0.73	cps
Beryllium	9-1	374972	376400	379907	377093	0.67	cps
Bismuth	209-1	2158895	2249095	2208920	2205637	2.05	cps
Bismuth	209-2	1578160	1600087	1598156	1592134	0.76	cps
Bromine	81-1	6165	6385	6605	6385	3.45	cps
Bromine	81-2	30	43	47	40	22.05	cps
Cadmium	108-1	34728	35366	35066	35053	0.91	cps
Cadmium	106-1	50942	51555	51936	51477	0.97	cps
Cadmium	111-1	461122	463987	463568	462892	0.33	cps
Calcium	43-1	2599655	2594117	2650850	2614874	1.20	cps
Calcium	44-1	40987905	40948623	41356254	41097594	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	693483	697573	688518	693191	0.65	cps
Cobalt	59-2	1093337	1095858	1082863	1090686	0.63	cps
Copper	63-2	7505841	7434838	7352510	7431063	1.03	cps
Dysprosium	156-1	160	107	110	126	23.79	cps
Dysprosium	156-2	180	157	203	180	12.96	cps
Erbium	164-1	147	107	150	134	17.93	cps
Erbium	164-2	80	87	80	82	4.68	cps
Gadolinium	160-1	80	97	83	87	10.18	cps
Gadolinium	160-2	180	150	133	154	15.31	cps
Holmium	165-1	3865118	3802325	3807815	3825086	0.91	cps
Holmium	165-2	2606717	2615424	2604501	2608881	0.22	cps
Indium	115-1	2686724	2754321	2704393	2715146	1.29	cps
Indium	115-2	842107	854393	856641	851047	0.92	cps
Iron	56-2	155065494	154374784	152576768	154005682	0.83	cps
Iron	57-2	3793777	3783496	3779106	3785460	0.20	cps
Iron	54-2	8380005	8415832	8351070	8382302	0.39	cps
Krypton	83-1	70	67	83	73	12.02	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:29:17	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8120912	8248022	8227133	8198689	0.83	cps
Lead	207-1	7065001	7188998	7160455	7138152	0.91	cps
Lead	208-1	32271548	32953010	32752676	32659078	1.07	cps
Lithium	6-1	742639	746695	740398	743244	0.43	cps
Magnesium	24-2	36875953	36666474	36787895	36776774	0.29	cps
Manganese	55-2	5302807	5364313	5267566	5311562	0.92	cps
Molybdenum	94-1	7265584	7301137	7273664	7280128	0.26	cps
Molybdenum	95-1	10658958	10670824	10663990	10664591	0.06	cps
Molybdenum	96-1	11595111	11623175	11584082	11600789	0.17	cps
Molybdenum	97-1	6654820	6608062	6688629	6650504	0.61	cps
Molybdenum	98-1	17216784	17180892	17115222	17170966	0.30	cps
Neodymium	150-1	247	273	337	286	16.19	cps
Neodymium	150-2	90	53	67	70	26.51	cps
Nickel	60-2	266261	261913	261673	263282	0.98	cps
Phosphorus	31-2	41677	42352	40981	41670	1.64	cps
Potassium	39-2	21571216	21464104	21458057	21497792	0.30	cps
Rhodium	103-1	2315501	2353118	2309290	2325970	1.02	cps
Rhodium	103-2	1274412	1296128	1288887	1286476	0.86	cps
Scandium	45-1	1480063	1443367	1447359	1456930	1.38	cps
Scandium	45-2	128593	129877	130237	129569	0.67	cps
Selenium	82-1	26054	26539	26496	26363	1.02	cps
Selenium	77-2	2430	2617	2617	2555	4.22	cps
Selenium	78-2	8249	8529	8036	8271	2.99	cps
Silicon	28-1	1163663	1156166	1194979	1171603	1.76	cps
Silver	107-1	2262821	2244490	2248422	2251911	0.43	cps
Silver	109-1	2184877	2155895	2145726	2162166	0.94	cps
Sodium	23-2	60454231	59587079	59939782	59993697	0.73	cps
Strontium	86-1	15644281	15709200	15579781	15644420	0.41	cps
Strontium	88-1	137592891	138872928	136518601	137661474	0.86	cps
Sulfur	34-1	255458	255224	258793	256492	0.78	cps
Terbium	159-1	3871723	3901898	3886238	3886620	0.39	cps
Terbium	159-2	2550837	2585912	2554235	2563661	0.75	cps
Thallium	203-1	2015726	2068301	2027643	2037223	1.35	cps
Thallium	205-1	4785284	4916085	4908478	4869949	1.51	cps
Tin	118-1	1731099	1756591	1754134	1747275	0.80	cps
Titanium	47-1	2453628	2461704	2487872	2467735	0.73	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV090	Instrumnet Name :	P7
Client Sample ID :	CCV090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:29:17	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6628612	6794153	6674890	6699219	1.27	cps
Vanadium	51-2	638439	638386	637054	637960	0.12	cps
Yttrium	89-1	4711474	4674745	4630078	4672099	0.87	cps
Yttrium	89-2	1142402	1155791	1155692	1151295	0.67	cps
Zinc	66-2	1230800	1222412	1220873	1224695	0.44	cps
Zirconium	90-1	3285041	3305194	3277086	3289107	0.44	cps
Zirconium	91-1	732611	736910	735537	735019	0.30	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:35:42	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	173	277	213	26.00	cps
Antimony	121-1	577	760	853	730	19.28	cps
Arsenic	75-2	3	30	13	16	86.63	cps
Barium	135-1	43	43	43	43	0.00	cps
Barium	137-1	107	57	100	88	30.93	cps
Beryllium	9-1	227	243	193	221	11.51	cps
Bismuth	209-1	2422975	2476760	2408990	2436242	1.47	cps
Bismuth	209-2	2017885	1958658	1989416	1988653	1.49	cps
Bromine	81-1	6738	6718	6845	6767	1.01	cps
Bromine	81-2	40	27	53	40	33.33	cps
Cadmium	108-1	0	3	0	1	173.21	cps
Cadmium	106-1	1267	1280	1413	1320	6.14	cps
Cadmium	111-1	897	900	1006	934	6.65	cps
Calcium	43-1	197	167	157	173	12.01	cps
Calcium	44-1	2970	2787	3074	2944	4.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210	163	177	183	13.11	cps
Cobalt	59-2	53	87	77	72	23.69	cps
Copper	63-2	747	923	933	868	12.10	cps
Dysprosium	156-1	3	3	13	7	86.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	27	23	13	21	32.88	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	7	10	10	9	21.63	cps
Gadolinium	160-2	140	107	113	120	14.70	cps
Holmium	165-1	3905875	3847447	3849220	3867514	0.86	cps
Holmium	165-2	2690151	2638853	2708795	2679266	1.35	cps
Indium	115-1	2922291	2972646	2919734	2938223	1.02	cps
Indium	115-2	924963	919649	921131	921914	0.30	cps
Iron	56-2	9700	10327	10937	10321	6.00	cps
Iron	57-2	643	699	716	686	5.57	cps
Iron	54-2	1130	1107	1257	1165	6.93	cps
Krypton	83-1	63	67	73	68	7.51	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:35:42	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	560	593	583	579	2.95	cps
Lead	207-1	557	490	537	528	6.48	cps
Lead	208-1	2323	2343	2383	2350	1.30	cps
Lithium	6-1	776082	776848	776875	776602	0.06	cps
Magnesium	24-2	2264	2347	2474	2361	4.48	cps
Manganese	55-2	270	327	263	287	12.14	cps
Molybdenum	94-1	430	400	413	414	3.63	cps
Molybdenum	95-1	247	227	370	281	27.62	cps
Molybdenum	96-1	323	303	407	344	15.91	cps
Molybdenum	97-1	177	147	173	166	9.93	cps
Molybdenum	98-1	430	373	507	437	15.32	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	90	60	53	68	28.82	cps
Phosphorus	31-2	90	130	160	127	27.73	cps
Potassium	39-2	33914	34446	34058	34139	0.80	cps
Rhodium	103-1	2653804	2611503	2609380	2624896	0.95	cps
Rhodium	103-2	1453221	1437025	1438891	1443046	0.61	cps
Scandium	45-1	1513574	1501668	1519451	1511565	0.60	cps
Scandium	45-2	134877	131857	133781	133505	1.14	cps
Selenium	82-1	111	130	134	125	9.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	80	67	76	10.19	cps
Silicon	28-1	170274	173120	172599	171997	0.88	cps
Silver	107-1	157	200	173	177	12.37	cps
Silver	109-1	160	123	183	156	19.44	cps
Sodium	23-2	16142	16569	16626	16446	1.61	cps
Strontium	86-1	317	273	280	290	8.04	cps
Strontium	88-1	1617	1443	2007	1689	17.08	cps
Sulfur	34-1	114518	117054	116607	116060	1.17	cps
Terbium	159-1	3965064	3917765	3983428	3955419	0.86	cps
Terbium	159-2	2656889	2619598	2588409	2621632	1.31	cps
Thallium	203-1	187	193	183	188	2.71	cps
Thallium	205-1	560	393	433	462	18.82	cps
Tin	118-1	880	1037	990	969	8.30	cps
Titanium	47-1	70	93	110	91	22.05	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB090	Instrumnet Name :	P7
Client Sample ID :	CCB090	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:35:42	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	50	87	63	32.02	cps
Vanadium	51-2	20	33	30	28	24.98	cps
Yttrium	89-1	4838417	4787294	4812872	4812861	0.53	cps
Yttrium	89-2	1200321	1185773	1186101	1190732	0.70	cps
Zinc	66-2	120	137	170	142	17.90	cps
Zirconium	90-1	733	757	827	772	6.29	cps
Zirconium	91-1	123	153	147	141	11.16	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P4319-09	Instrumnet Name :	P7
Client Sample ID :	MC0C97	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:47:18	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53667	53326	53837	53610	0.49	cps
Antimony	121-1	273	240	307	273	12.20	cps
Arsenic	75-2	230	283	230	248	12.43	cps
Barium	135-1	144747	144356	143214	144106	0.55	cps
Barium	137-1	246625	248467	249919	248337	0.66	cps
Beryllium	9-1	230	187	213	210	10.41	cps
Bismuth	209-1	2469373	2463579	2432186	2455046	0.81	cps
Bismuth	209-2	1975229	2008701	2014040	1999323	1.05	cps
Bromine	81-1	15682	18071	18802	17518	9.32	cps
Bromine	81-2	2320	2494	2540	2451	4.73	cps
Cadmium	108-1	3	3	3	3	0.00	cps
Cadmium	106-1	1323	1423	1290	1346	5.16	cps
Cadmium	111-1	947	1034	931	971	5.72	cps
Calcium	43-1	179518	181737	177939	179731	1.06	cps
Calcium	44-1	2733762	2746811	2702775	2727783	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3494	3507	3640	3547	2.29	cps
Cobalt	59-2	3314	3240	3194	3249	1.86	cps
Copper	63-2	2357	2280	2424	2354	3.05	cps
Dysprosium	156-1	16884	16760	17221	16955	1.41	cps
Dysprosium	156-2	12582	13143	12726	12817	2.27	cps
Erbium	164-1	14594	14644	14731	14657	0.47	cps
Erbium	164-2	10197	9657	9980	9945	2.73	cps
Gadolinium	160-1	15999	16119	16560	16226	1.82	cps
Gadolinium	160-2	11692	11518	11648	11619	0.78	cps
Holmium	165-1	4085372	3961882	3976923	4008059	1.68	cps
Holmium	165-2	2794102	2750772	2797648	2780841	0.94	cps
Indium	115-1	3112987	3019113	3022357	3051486	1.75	cps
Indium	115-2	946782	942988	957391	949054	0.79	cps
Iron	56-2	52599896	53082579	52541914	52741463	0.56	cps
Iron	57-2	1374939	1362823	1359006	1365589	0.61	cps
Iron	54-2	2909517	2874238	2857184	2880313	0.93	cps
Krypton	83-1	113	70	90	91	23.81	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P4319-09	Instrumnet Name :	P7
Client Sample ID :	MC0C97	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:47:18	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6235	6552	6278	6355	2.70	cps
Lead	207-1	5451	5541	5348	5447	1.78	cps
Lead	208-1	24229	25263	24359	24617	2.29	cps
Lithium	6-1	814293	808935	810783	811337	0.34	cps
Magnesium	24-2	1053896	1053353	1045831	1051026	0.43	cps
Manganese	55-2	264670	266314	264781	265255	0.35	cps
Molybdenum	94-1	927	953	960	947	1.86	cps
Molybdenum	95-1	263	297	403	321	22.77	cps
Molybdenum	96-1	1093	1077	1187	1119	5.30	cps
Molybdenum	97-1	210	220	183	204	9.27	cps
Molybdenum	98-1	457	383	497	446	12.90	cps
Neodymium	150-1	23867	24004	23770	23880	0.49	cps
Neodymium	150-2	13513	13316	12996	13275	1.97	cps
Nickel	60-2	957	1070	1063	1030	6.17	cps
Phosphorus	31-2	183	193	200	192	4.36	cps
Potassium	39-2	871649	867581	863339	867523	0.48	cps
Rhodium	103-1	2631662	2607205	2677648	2638838	1.36	cps
Rhodium	103-2	1462804	1463441	1472380	1466209	0.37	cps
Scandium	45-1	1606379	1571139	1571064	1582860	1.29	cps
Scandium	45-2	138577	137131	138745	138151	0.64	cps
Selenium	82-1	87	165	171	141	33.28	cps
Selenium	77-2	27	43	20	30	40.05	cps
Selenium	78-2	120	107	170	132	25.25	cps
Silicon	28-1	8969450	8858514	8914788	8914251	0.62	cps
Silver	107-1	50	83	70	68	24.75	cps
Silver	109-1	50	37	60	49	23.94	cps
Sodium	23-2	6189725	6188944	6227478	6202049	0.36	cps
Strontium	86-1	127311	123933	125570	125605	1.34	cps
Strontium	88-1	1107600	1119117	1108346	1111687	0.58	cps
Sulfur	34-1	611341	611804	615895	613013	0.41	cps
Terbium	159-1	4085312	4133719	4158843	4125958	0.91	cps
Terbium	159-2	2719266	2710460	2737668	2722465	0.51	cps
Thallium	203-1	147	133	163	148	10.17	cps
Thallium	205-1	343	323	317	328	4.23	cps
Tin	118-1	2762	2581	2645	2663	3.45	cps
Titanium	47-1	1230	1227	1050	1169	8.81	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P4319-09	Instrumnet Name :	P7
Client Sample ID :	MC0C97	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 19:47:18	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1230	1363	1283	1292	5.19	cps
Vanadium	51-2	2043	2204	2154	2134	3.84	cps
Yttrium	89-1	5236952	5240033	5270127	5249037	0.35	cps
Yttrium	89-2	1279363	1278323	1290903	1282863	0.54	cps
Zinc	66-2	7589	7275	6958	7274	4.33	cps
Zirconium	90-1	1800	1867	1953	1873	4.10	cps
Zirconium	91-1	383	350	420	384	9.11	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BL	Instrumnet Name :	P7
Client Sample ID :	PBS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:02:14	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	53	80	67	20.00	cps
Antimony	121-1	43	107	83	78	41.19	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	10	17	20	16	32.73	cps
Barium	137-1	27	37	23	29	24.03	cps
Beryllium	9-1	87	93	137	106	25.72	cps
Bismuth	209-1	2437272	2430999	2413987	2427420	0.50	cps
Bismuth	209-2	1982670	2006988	2001196	1996951	0.64	cps
Bromine	81-1	6725	7032	6555	6771	3.57	cps
Bromine	81-2	27	43	23	31	34.44	cps
Cadmium	108-1	3	0	3	2	86.60	cps
Cadmium	106-1	1240	1320	1267	1276	3.19	cps
Cadmium	111-1	872	934	884	897	3.64	cps
Calcium	43-1	123	137	123	128	6.03	cps
Calcium	44-1	2740	2727	2617	2695	2.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203	200	207	203	1.64	cps
Cobalt	59-2	30	23	30	28	13.86	cps
Copper	63-2	533	697	623	618	13.24	cps
Dysprosium	156-1	13	3	7	8	65.47	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	20	20	23	21	9.11	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	10	13	17	13	25.01	cps
Gadolinium	160-2	133	73	103	103	29.04	cps
Holmium	165-1	3864852	3983366	3870895	3906371	1.71	cps
Holmium	165-2	2716897	2659555	2697986	2691480	1.09	cps
Indium	115-1	3023910	3028030	3016413	3022784	0.19	cps
Indium	115-2	945997	945696	945585	945759	0.02	cps
Iron	56-2	5771	5861	6301	5978	4.75	cps
Iron	57-2	576	640	533	583	9.21	cps
Iron	54-2	847	803	847	832	3.01	cps
Krypton	83-1	93	77	53	74	26.99	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BL	Instrumnet Name :	P7
Client Sample ID :	PBS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:02:14	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	293	233	227	251	14.62	cps
Lead	207-1	197	223	203	208	6.68	cps
Lead	208-1	993	963	953	970	2.15	cps
Lithium	6-1	803662	814058	811087	809602	0.66	cps
Magnesium	24-2	1527	1500	1517	1515	0.89	cps
Manganese	55-2	113	110	93	106	10.16	cps
Molybdenum	94-1	130	113	130	124	7.73	cps
Molybdenum	95-1	37	53	57	49	21.91	cps
Molybdenum	96-1	90	93	100	94	5.39	cps
Molybdenum	97-1	27	10	13	17	52.93	cps
Molybdenum	98-1	47	60	47	51	15.06	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	23	53	36	44.31	cps
Phosphorus	31-2	110	123	80	104	21.25	cps
Potassium	39-2	34035	35224	34506	34588	1.73	cps
Rhodium	103-1	2697193	2690508	2656664	2681455	0.81	cps
Rhodium	103-2	1488305	1480943	1488001	1485750	0.28	cps
Scandium	45-1	1580623	1604173	1595279	1593358	0.75	cps
Scandium	45-2	139609	138681	139222	139170	0.33	cps
Selenium	82-1	77	122	155	118	33.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	127	103	80	103	22.58	cps
Silicon	28-1	186422	187534	189429	187795	0.81	cps
Silver	107-1	50	50	83	61	31.49	cps
Silver	109-1	37	13	53	34	58.34	cps
Sodium	23-2	10213	9953	9910	10026	1.64	cps
Strontium	86-1	157	143	133	144	8.10	cps
Strontium	88-1	187	137	167	163	15.41	cps
Sulfur	34-1	128011	126498	127130	127213	0.60	cps
Terbium	159-1	3962642	4017039	3948597	3976092	0.91	cps
Terbium	159-2	2662222	2670446	2639595	2657421	0.60	cps
Thallium	203-1	60	87	73	73	18.18	cps
Thallium	205-1	173	150	180	168	9.39	cps
Tin	118-1	750	803	753	769	3.88	cps
Titanium	47-1	37	50	33	40	22.05	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BL	Instrumnet Name :	P7
Client Sample ID :	PBS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:02:14	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	7	7	8	24.71	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Yttrium	89-1	5038312	5086126	4965654	5030031	1.21	cps
Yttrium	89-2	1238476	1222660	1240493	1233876	0.79	cps
Zinc	66-2	77	123	87	96	25.71	cps
Zirconium	90-1	263	330	300	298	11.21	cps
Zirconium	91-1	37	43	77	52	41.04	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BS	Instrumnet Name :	P7
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:05:37	DataFile Name :	051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4197	4031	4147	4125	2.07	cps
Antimony	121-1	17641	17961	17327	17643	1.80	cps
Arsenic	75-2	463	380	333	392	16.79	cps
Barium	135-1	21657	21520	22127	21768	1.46	cps
Barium	137-1	38024	38281	38352	38219	0.45	cps
Beryllium	9-1	1727	1857	2050	1878	8.66	cps
Bismuth	209-1	2418271	2417395	2464010	2433225	1.10	cps
Bismuth	209-2	2000333	1961956	1959592	1973960	1.16	cps
Bromine	81-1	6882	7282	6658	6941	4.55	cps
Bromine	81-2	40	37	50	42	16.43	cps
Cadmium	108-1	137	180	163	160	13.66	cps
Cadmium	106-1	1713	1617	1733	1688	3.70	cps
Cadmium	111-1	3531	3273	3549	3451	4.48	cps
Calcium	43-1	11678	11748	11678	11701	0.35	cps
Calcium	44-1	187490	190868	190034	189464	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7228	7392	7145	7255	1.73	cps
Cobalt	59-2	5031	4851	4801	4894	2.47	cps
Copper	63-2	7699	7659	7349	7569	2.53	cps
Dysprosium	156-1	0	20	7	9	114.55	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	10	10	20	13	43.30	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	17	10	13	13	25.01	cps
Gadolinium	160-2	113	123	153	130	16.02	cps
Holmium	165-1	3919639	3929227	3955706	3934857	0.47	cps
Holmium	165-2	2721510	2713027	2749399	2727979	0.70	cps
Indium	115-1	3058177	3069469	3130276	3085974	1.26	cps
Indium	115-2	962885	948031	953304	954740	0.79	cps
Iron	56-2	606115	603687	605099	604967	0.20	cps
Iron	57-2	15229	15582	15243	15351	1.30	cps
Iron	54-2	34359	33504	33544	33802	1.43	cps
Krypton	83-1	90	67	97	84	18.65	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BS	Instrumnet Name :	P7
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:05:37	DataFile Name :	051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6682	6825	6755	6754	1.06	cps
Lead	207-1	5781	5828	5935	5848	1.34	cps
Lead	208-1	26741	26841	27218	26933	0.93	cps
Lithium	6-1	822654	822374	828984	824671	0.45	cps
Magnesium	24-2	178853	177996	178391	178413	0.24	cps
Manganese	55-2	2747	2604	2757	2702	3.18	cps
Molybdenum	94-1	17948	17544	17697	17730	1.15	cps
Molybdenum	95-1	20665	21095	21129	20963	1.23	cps
Molybdenum	96-1	23452	23255	23789	23499	1.15	cps
Molybdenum	97-1	13450	13173	12799	13140	2.48	cps
Molybdenum	98-1	33983	33799	34501	34094	1.07	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1263	1393	1253	1303	5.99	cps
Phosphorus	31-2	113	153	117	128	17.37	cps
Potassium	39-2	242471	241114	241035	241540	0.33	cps
Rhodium	103-1	2689473	2723195	2783128	2731932	1.74	cps
Rhodium	103-2	1524222	1491301	1507191	1507571	1.09	cps
Scandium	45-1	1590706	1592700	1600793	1594733	0.33	cps
Scandium	45-2	140988	139525	142492	141002	1.05	cps
Selenium	82-1	735	778	711	741	4.58	cps
Selenium	77-2	53	60	57	57	5.89	cps
Selenium	78-2	280	240	290	270	9.80	cps
Silicon	28-1	233862	233510	233294	233555	0.12	cps
Silver	107-1	9857	10120	10284	10087	2.14	cps
Silver	109-1	9246	9670	9767	9561	2.89	cps
Sodium	23-2	289912	288507	291046	289822	0.44	cps
Strontium	86-1	2900	3044	2990	2978	2.43	cps
Strontium	88-1	24584	24908	25061	24851	0.98	cps
Sulfur	34-1	127792	127883	128851	128175	0.46	cps
Terbium	159-1	4000458	4016776	4036022	4017752	0.44	cps
Terbium	159-2	2630207	2694593	2643726	2656176	1.28	cps
Thallium	203-1	7629	7639	7842	7703	1.56	cps
Thallium	205-1	18863	18897	19240	19000	1.10	cps
Tin	118-1	912	862	995	923	7.30	cps
Titanium	47-1	5111	5051	5164	5109	1.11	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BS	Instrumnet Name :	P7
Client Sample ID :	LCS534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:05:37	DataFile Name :	051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24132	24596	23855	24194	1.55	cps
Vanadium	51-2	14734	14564	14404	14567	1.13	cps
Yttrium	89-1	5022858	5063727	5107498	5064694	0.84	cps
Yttrium	89-2	1254752	1238754	1248147	1247217	0.64	cps
Zinc	66-2	3007	3010	3010	3009	0.06	cps
Zirconium	90-1	15385	15378	15081	15281	1.13	cps
Zirconium	91-1	3467	3360	3354	3394	1.87	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:09:01	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2327	2160	2210	2232	3.83	cps
Antimony	121-1	8576	8986	9043	8868	2.87	cps
Arsenic	75-2	210	220	197	209	5.60	cps
Barium	135-1	11058	11091	10861	11003	1.13	cps
Barium	137-1	19156	19493	19594	19414	1.18	cps
Beryllium	9-1	907	997	877	927	6.74	cps
Bismuth	209-1	2475246	2463131	2420852	2453076	1.16	cps
Bismuth	209-2	1970983	1977250	2015189	1987807	1.20	cps
Bromine	81-1	6475	6618	6625	6573	1.29	cps
Bromine	81-2	40	47	33	40	16.68	cps
Cadmium	108-1	70	73	127	90	35.33	cps
Cadmium	106-1	1533	1500	1447	1493	2.93	cps
Cadmium	111-1	2411	2119	2081	2204	8.20	cps
Calcium	43-1	5761	5915	6108	5928	2.93	cps
Calcium	44-1	96524	98782	97923	97743	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3814	3981	3777	3857	2.81	cps
Cobalt	59-2	2630	2667	2694	2664	1.19	cps
Copper	63-2	3984	4264	4251	4166	3.79	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	7	10	20	12	56.76	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	23	7	13	14	58.06	cps
Gadolinium	160-2	117	133	100	117	14.29	cps
Holmium	165-1	3978486	3856636	3821845	3885656	2.12	cps
Holmium	165-2	2706794	2732014	2709863	2716223	0.51	cps
Indium	115-1	3037696	3070507	3003311	3037172	1.11	cps
Indium	115-2	954310	945737	955074	951707	0.54	cps
Iron	56-2	310695	311094	312851	311547	0.37	cps
Iron	57-2	8230	8489	8225	8315	1.82	cps
Iron	54-2	17871	17547	18415	17944	2.44	cps
Krypton	83-1	50	77	107	78	36.45	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:09:01	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3487	3300	3567	3452	3.97	cps
Lead	207-1	3174	3277	3040	3164	3.75	cps
Lead	208-1	14120	13926	14110	14052	0.78	cps
Lithium	6-1	838252	836373	827092	833906	0.72	cps
Magnesium	24-2	93072	91134	91104	91770	1.23	cps
Manganese	55-2	1313	1317	1480	1370	6.96	cps
Molybdenum	94-1	8786	8916	9133	8945	1.96	cps
Molybdenum	95-1	10601	10894	10551	10682	1.74	cps
Molybdenum	96-1	11925	11935	12275	12045	1.66	cps
Molybdenum	97-1	6752	6608	6792	6717	1.44	cps
Molybdenum	98-1	17100	17037	17097	17078	0.21	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	730	713	703	716	1.88	cps
Phosphorus	31-2	133	127	137	132	3.85	cps
Potassium	39-2	140602	139401	140969	140324	0.58	cps
Rhodium	103-1	2715036	2722177	2698474	2711896	0.45	cps
Rhodium	103-2	1515933	1488676	1512924	1505844	0.99	cps
Scandium	45-1	1603842	1619567	1595073	1606160	0.77	cps
Scandium	45-2	140793	139801	140989	140528	0.45	cps
Selenium	82-1	459	399	404	421	7.87	cps
Selenium	77-2	33	10	23	22	52.68	cps
Selenium	78-2	233	263	187	228	16.96	cps
Silicon	28-1	215912	213714	216243	215290	0.64	cps
Silver	107-1	5241	5381	5138	5253	2.33	cps
Silver	109-1	4664	4988	5064	4905	4.33	cps
Sodium	23-2	152917	151813	152389	152373	0.36	cps
Strontium	86-1	1510	1583	1523	1539	2.54	cps
Strontium	88-1	12909	12415	12319	12548	2.52	cps
Sulfur	34-1	125231	125752	126982	125988	0.71	cps
Terbium	159-1	3986488	4075060	3981268	4014272	1.31	cps
Terbium	159-2	2716469	2611036	2673507	2667004	1.99	cps
Thallium	203-1	4094	4351	4061	4168	3.81	cps
Thallium	205-1	9327	9307	9307	9313	0.12	cps
Tin	118-1	853	903	913	889	3.61	cps
Titanium	47-1	2837	2720	2750	2769	2.19	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	PB163534BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD534	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:09:01	DataFile Name :	052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11875	12166	12312	12118	1.84	cps
Vanadium	51-2	7298	7442	7272	7337	1.25	cps
Yttrium	89-1	5093658	5068569	5004127	5055451	0.91	cps
Yttrium	89-2	1242493	1236349	1232477	1237106	0.41	cps
Zinc	66-2	1580	1533	1377	1497	7.12	cps
Zirconium	90-1	8062	7886	7819	7922	1.59	cps
Zirconium	91-1	1657	1557	1760	1658	6.13	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2745-12	Instrumnet Name :	P7
Client Sample ID :	MYD3X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:16:02	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4278490	4249919	4261903	4263437	0.34	cps
Antimony	121-1	5718	5848	5811	5792	1.16	cps
Arsenic	75-2	30976	30909	31032	30972	0.20	cps
Barium	135-1	305639	306315	307239	306397	0.26	cps
Barium	137-1	520318	526620	527604	524848	0.75	cps
Beryllium	9-1	1230	1303	1303	1279	3.31	cps
Bismuth	209-1	2542269	2419673	2467469	2476470	2.50	cps
Bismuth	209-2	1985221	1962322	1993051	1980198	0.81	cps
Bromine	81-1	8469	8239	7902	8203	3.48	cps
Bromine	81-2	250	263	227	247	7.52	cps
Cadmium	108-1	260	293	257	270	7.51	cps
Cadmium	106-1	1927	1753	1820	1833	4.77	cps
Cadmium	111-1	4244	3729	3938	3970	6.52	cps
Calcium	43-1	206948	208388	208086	207807	0.37	cps
Calcium	44-1	3136531	3200991	3168625	3168716	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66713	65987	66107	66269	0.59	cps
Cobalt	59-2	88761	89424	88428	88871	0.57	cps
Copper	63-2	456469	453939	448932	453114	0.85	cps
Dysprosium	156-1	34857	36263	35598	35573	1.98	cps
Dysprosium	156-2	27216	27748	26956	27307	1.48	cps
Erbium	164-1	30824	30871	30680	30792	0.32	cps
Erbium	164-2	20569	20442	20422	20477	0.39	cps
Gadolinium	160-1	32772	33497	34078	33449	1.96	cps
Gadolinium	160-2	23329	23493	23376	23400	0.36	cps
Holmium	165-1	4002353	4029766	4092655	4041591	1.15	cps
Holmium	165-2	2796351	2767014	2728983	2764116	1.22	cps
Indium	115-1	3057508	3060082	3119325	3078971	1.14	cps
Indium	115-2	948165	936899	926716	937260	1.14	cps
Iron	56-2	125163205	124225258	123245225	124211229	0.77	cps
Iron	57-2	3105214	3092569	3025697	3074493	1.39	cps
Iron	54-2	6796210	6747467	6679298	6740992	0.87	cps
Krypton	83-1	150	123	120	131	12.54	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2745-12	Instrumnet Name :	P7
Client Sample ID :	MYD3X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:16:02	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	632628	633684	645145	637152	1.09	cps
Lead	207-1	559753	576410	568099	568087	1.47	cps
Lead	208-1	2533460	2562741	2560641	2552280	0.64	cps
Lithium	6-1	861966	867574	870495	866678	0.50	cps
Magnesium	24-2	2909928	2901313	2892087	2901110	0.31	cps
Manganese	55-2	2324614	2278168	2290905	2297896	1.04	cps
Molybdenum	94-1	22891	23105	23138	23045	0.58	cps
Molybdenum	95-1	2044	1903	1883	1943	4.49	cps
Molybdenum	96-1	6908	7432	7255	7198	3.70	cps
Molybdenum	97-1	1313	1167	1297	1259	6.38	cps
Molybdenum	98-1	2987	3100	3010	3033	1.97	cps
Neodymium	150-1	56713	56687	57349	56916	0.66	cps
Neodymium	150-2	31963	31772	32678	32138	1.49	cps
Nickel	60-2	24129	23492	24136	23919	1.55	cps
Phosphorus	31-2	12328	12655	12355	12446	1.46	cps
Potassium	39-2	1307732	1314120	1309559	1310470	0.25	cps
Rhodium	103-1	2694894	2700088	2644067	2679683	1.16	cps
Rhodium	103-2	1483874	1459816	1445426	1463039	1.33	cps
Scandium	45-1	1773149	1783395	1790176	1782240	0.48	cps
Scandium	45-2	153273	150549	149012	150944	1.43	cps
Selenium	82-1	148	208	217	191	19.76	cps
Selenium	77-2	83	90	103	92	11.05	cps
Selenium	78-2	203	183	163	183	10.91	cps
Silicon	28-1	16969489	17236343	16998260	17068031	0.86	cps
Silver	107-1	5058	4908	5048	5004	1.68	cps
Silver	109-1	4731	4657	4631	4673	1.11	cps
Sodium	23-2	93146	94524	95051	94240	1.04	cps
Strontium	86-1	92881	95074	93615	93857	1.19	cps
Strontium	88-1	812640	822445	821962	819016	0.67	cps
Sulfur	34-1	130764	124922	125382	127023	2.56	cps
Terbium	159-1	4075191	4110680	4079773	4088548	0.47	cps
Terbium	159-2	2734100	2688453	2664362	2695639	1.31	cps
Thallium	203-1	1677	1777	2034	1829	10.06	cps
Thallium	205-1	4064	4371	4841	4425	8.84	cps
Tin	118-1	6264	6749	6753	6589	4.27	cps
Titanium	47-1	718262	730349	717907	722172	0.98	cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2745-12	Instrumnet Name :	P7
Client Sample ID :	MYD3X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:16:02	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9433	9757	9590	9594	1.69	cps
Vanadium	51-2	221363	217624	217139	218709	1.06	cps
Yttrium	89-1	5540952	5535621	5519563	5532045	0.20	cps
Yttrium	89-2	1359145	1345245	1329005	1344465	1.12	cps
Zinc	66-2	147618	146429	145467	146505	0.74	cps
Zirconium	90-1	60008	60621	60377	60335	0.51	cps
Zirconium	91-1	12909	13653	13490	13351	2.93	cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02ARE	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:47:22	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4164194	4162682	4133839	4153572	0.41	cps
Antimony	121-1	4341	4471	4441	4417	1.54	cps
Arsenic	75-2	67332	66927	67134	67131	0.30	cps
Barium	135-1	626185	628599	627661	627482	0.19	cps
Barium	137-1	1070833	1075832	1076484	1074383	0.29	cps
Beryllium	9-1	1713	1737	1847	1766	4.03	cps
Bismuth	209-1	2482535	2516301	2437945	2478927	1.59	cps
Bismuth	209-2	1975908	1918413	2014629	1969650	2.46	cps
Bromine	81-1	9530	10387	10440	10119	5.05	cps
Bromine	81-2	677	743	803	741	8.55	cps
Cadmium	108-1	183	180	190	184	2.76	cps
Cadmium	106-1	1670	1827	1663	1720	5.37	cps
Cadmium	111-1	1834	1836	1735	1802	3.22	cps
Calcium	43-1	106584	108571	107786	107647	0.93	cps
Calcium	44-1	1628993	1651918	1605845	1628918	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170482	168098	169163	169248	0.71	cps
Cobalt	59-2	143192	142310	142068	142524	0.42	cps
Copper	63-2	191815	191903	189463	191060	0.72	cps
Dysprosium	156-1	47748	47092	46747	47196	1.08	cps
Dysprosium	156-2	36434	36554	37136	36708	1.02	cps
Erbium	164-1	34873	36000	34609	35161	2.10	cps
Erbium	164-2	24438	23540	23597	23858	2.11	cps
Gadolinium	160-1	40408	41287	41521	41072	1.43	cps
Gadolinium	160-2	29184	29281	29221	29228	0.17	cps
Holmium	165-1	4109010	3994232	3994423	4032555	1.64	cps
Holmium	165-2	2790461	2723893	2845896	2786750	2.19	cps
Indium	115-1	3131513	3077976	3005365	3071618	2.06	cps
Indium	115-2	949504	931129	947149	942594	1.06	cps
Iron	56-2	137545511	137131221	134986548	136554427	1.01	cps
Iron	57-2	3325529	3386311	3319735	3343858	1.10	cps
Iron	54-2	7393198	7460546	7405825	7419857	0.48	cps
Krypton	83-1	117	117	127	120	4.81	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02ARE	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:47:22	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	356773	360684	358981	358813	0.55	cps
Lead	207-1	300185	307270	304463	303973	1.17	cps
Lead	208-1	1390862	1423849	1432171	1415627	1.54	cps
Lithium	6-1	819321	815171	812824	815772	0.40	cps
Magnesium	24-2	2969020	2926598	2875548	2923722	1.60	cps
Manganese	55-2	3849130	3801027	3768433	3806197	1.07	cps
Molybdenum	94-1	46771	48109	48263	47714	1.72	cps
Molybdenum	95-1	2994	2710	2537	2747	8.39	cps
Molybdenum	96-1	12355	12312	12045	12237	1.37	cps
Molybdenum	97-1	1610	1653	1657	1640	1.59	cps
Molybdenum	98-1	4317	4384	4084	4262	3.70	cps
Neodymium	150-1	79791	85199	84246	83079	3.47	cps
Neodymium	150-2	46787	46597	47005	46796	0.44	cps
Nickel	60-2	62496	63433	62791	62907	0.76	cps
Phosphorus	31-2	8986	8763	8883	8877	1.26	cps
Potassium	39-2	2195058	2165175	2178618	2179617	0.69	cps
Rhodium	103-1	2711299	2717106	2643400	2690602	1.52	cps
Rhodium	103-2	1474250	1453666	1477648	1468521	0.88	cps
Scandium	45-1	1839674	1793806	1763505	1798995	2.13	cps
Scandium	45-2	153172	151390	153215	152592	0.68	cps
Selenium	82-1	155	166	184	168	8.85	cps
Selenium	77-2	77	110	123	103	23.26	cps
Selenium	78-2	173	183	207	188	9.11	cps
Silicon	28-1	16763177	16721194	16663440	16715937	0.30	cps
Silver	107-1	877	1093	1027	999	11.11	cps
Silver	109-1	743	903	907	851	10.97	cps
Sodium	23-2	63915	64595	66078	64862	1.70	cps
Strontium	86-1	111592	112875	112492	112320	0.59	cps
Strontium	88-1	978202	1002551	1007879	996211	1.59	cps
Sulfur	34-1	111167	107269	106202	108213	2.42	cps
Terbium	159-1	4111806	4166109	4145548	4141155	0.66	cps
Terbium	159-2	2697767	2722571	2703043	2707794	0.48	cps
Thallium	203-1	2600	2644	2737	2660	2.63	cps
Thallium	205-1	6208	6135	6368	6237	1.91	cps
Tin	118-1	5580	5672	5616	5623	0.82	cps
Titanium	47-1	684751	686780	683325	684952	0.25	cps

Reviewed By:Mohan
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LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02ARE	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:47:22	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24085	24663	24379	24376	1.19	cps
Vanadium	51-2	268319	265039	264476	265945	0.78	cps
Yttrium	89-1	5626211	5683057	5530405	5613224	1.37	cps
Yttrium	89-2	1364093	1348678	1369327	1360699	0.79	cps
Zinc	66-2	55131	54636	53840	54536	1.19	cps
Zirconium	90-1	124203	125632	123393	124409	0.91	cps
Zirconium	91-1	27616	27482	27279	27459	0.62	cps

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On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2815-11A	Instrumnet Name :	P7
Client Sample ID :	MYD536ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:50:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3422898	3348217	3388240	3386452	1.10	cps
Antimony	121-1	3550	3644	3817	3671	3.69	cps
Arsenic	75-2	14764	14904	14934	14868	0.61	cps
Barium	135-1	313086	320785	314844	316238	1.28	cps
Barium	137-1	553459	549077	553747	552094	0.47	cps
Beryllium	9-1	1153	1087	1037	1092	5.36	cps
Bismuth	209-1	2483543	2406443	2434730	2441572	1.60	cps
Bismuth	209-2	2000239	1954006	1963691	1972645	1.24	cps
Bromine	81-1	7539	7162	7229	7310	2.75	cps
Bromine	81-2	210	230	200	213	7.16	cps
Cadmium	108-1	207	130	117	151	32.14	cps
Cadmium	106-1	1623	1673	1733	1677	3.29	cps
Cadmium	111-1	2152	2340	2262	2251	4.21	cps
Calcium	43-1	161432	164726	162004	162721	1.08	cps
Calcium	44-1	2441841	2488309	2459010	2463053	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55050	54696	54140	54629	0.84	cps
Cobalt	59-2	71328	71251	71121	71233	0.15	cps
Copper	63-2	217687	217109	216456	217084	0.28	cps
Dysprosium	156-1	37393	38486	36795	37558	2.28	cps
Dysprosium	156-2	29671	29451	28449	29190	2.23	cps
Erbium	164-1	32842	34376	34062	33760	2.40	cps
Erbium	164-2	23326	23183	22418	22976	2.12	cps
Gadolinium	160-1	36013	36537	36400	36317	0.75	cps
Gadolinium	160-2	25774	25747	25423	25648	0.76	cps
Holmium	165-1	3993298	3984396	3967449	3981714	0.33	cps
Holmium	165-2	2780815	2700426	2729802	2737015	1.49	cps
Indium	115-1	3080768	3039747	2966580	3029032	1.91	cps
Indium	115-2	948249	924678	937201	936710	1.26	cps
Iron	56-2	109825578	108290425	107305548	108473851	1.17	cps
Iron	57-2	2695184	2690708	2655441	2680444	0.81	cps
Iron	54-2	5848516	5863866	5846158	5852847	0.16	cps
Krypton	83-1	107	117	103	109	6.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2815-11A	Instrumnet Name :	P7
Client Sample ID :	MYD536ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:50:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	214028	214481	215331	214613	0.31	cps
Lead	207-1	192893	190097	194035	192342	1.05	cps
Lead	208-1	854473	854674	858610	855919	0.27	cps
Lithium	6-1	808710	791030	805927	801889	1.19	cps
Magnesium	24-2	2279383	2289898	2249987	2273089	0.91	cps
Manganese	55-2	1813981	1815166	1815344	1814830	0.04	cps
Molybdenum	94-1	21710	20835	21035	21193	2.16	cps
Molybdenum	95-1	1730	1890	1843	1821	4.52	cps
Molybdenum	96-1	6595	6582	6528	6568	0.54	cps
Molybdenum	97-1	1113	1100	1123	1112	1.05	cps
Molybdenum	98-1	2807	2910	2794	2837	2.25	cps
Neodymium	150-1	60097	61162	60871	60710	0.91	cps
Neodymium	150-2	34783	34933	34008	34575	1.44	cps
Nickel	60-2	20578	20003	20150	20244	1.47	cps
Phosphorus	31-2	11544	11461	11584	11530	0.55	cps
Potassium	39-2	1304950	1298692	1290224	1297955	0.57	cps
Rhodium	103-1	2705825	2584028	2688105	2659319	2.47	cps
Rhodium	103-2	1468920	1438541	1451345	1452935	1.05	cps
Scandium	45-1	1710156	1668673	1686456	1688428	1.23	cps
Scandium	45-2	148846	144993	143471	145770	1.90	cps
Selenium	82-1	212	161	184	186	13.67	cps
Selenium	77-2	77	93	103	91	14.78	cps
Selenium	78-2	190	130	170	163	18.70	cps
Silicon	28-1	15986668	16343045	15903676	16077796	1.45	cps
Silver	107-1	13083	13426	13360	13290	1.37	cps
Silver	109-1	12415	12736	12479	12543	1.35	cps
Sodium	23-2	80147	80757	80676	80527	0.41	cps
Strontium	86-1	99302	99349	98950	99200	0.22	cps
Strontium	88-1	862521	866391	863430	864114	0.23	cps
Sulfur	34-1	101873	100299	99817	100663	1.07	cps
Terbium	159-1	4176474	4070816	4178070	4141787	1.48	cps
Terbium	159-2	2714478	2619636	2682332	2672149	1.81	cps
Thallium	203-1	1290	1270	1483	1348	8.74	cps
Thallium	205-1	2937	3077	3220	3078	4.60	cps
Tin	118-1	6137	6141	5807	6029	3.18	cps
Titanium	47-1	617777	618541	617268	617862	0.10	cps

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On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2815-11A	Instrumnet Name :	P7
Client Sample ID :	MYD536ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:50:37	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11332	11105	11128	11188	1.12	cps
Vanadium	51-2	193591	193844	191273	192902	0.73	cps
Yttrium	89-1	5441298	5420268	5543593	5468386	1.21	cps
Yttrium	89-2	1365073	1328418	1340478	1344656	1.39	cps
Zinc	66-2	74401	73419	73814	73878	0.67	cps
Zirconium	90-1	54286	55662	53487	54478	2.02	cps
Zirconium	91-1	12035	12072	12205	12104	0.74	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02A	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:54:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4534140	4576601	4482406	4531049	1.04	cps
Antimony	121-1	4671	4561	4654	4629	1.28	cps
Arsenic	75-2	69043	67891	67563	68165	1.14	cps
Barium	135-1	693145	683719	684421	687095	0.76	cps
Barium	137-1	1178833	1187491	1175256	1180526	0.53	cps
Beryllium	9-1	1907	1880	1807	1865	2.78	cps
Bismuth	209-1	2373897	2372019	2458995	2401637	2.07	cps
Bismuth	209-2	1950492	1955486	1897274	1934417	1.67	cps
Bromine	81-1	9453	9917	9657	9675	2.40	cps
Bromine	81-2	620	650	767	679	11.41	cps
Cadmium	108-1	247	290	200	246	18.33	cps
Cadmium	106-1	1967	2104	1820	1963	7.22	cps
Cadmium	111-1	1961	2079	1994	2011	3.04	cps
Calcium	43-1	115314	117840	117010	116721	1.10	cps
Calcium	44-1	1768427	1780503	1732590	1760507	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188215	188242	186110	187522	0.65	cps
Cobalt	59-2	173436	172593	173311	173113	0.26	cps
Copper	63-2	226501	225118	223610	225076	0.64	cps
Dysprosium	156-1	54733	52976	53625	53778	1.65	cps
Dysprosium	156-2	42230	42695	42691	42539	0.63	cps
Erbium	164-1	37514	38025	38169	37902	0.91	cps
Erbium	164-2	25924	26034	26205	26054	0.54	cps
Gadolinium	160-1	44674	45584	45035	45098	1.02	cps
Gadolinium	160-2	31823	32154	31378	31785	1.22	cps
Holmium	165-1	4073039	3986264	3941656	4000320	1.67	cps
Holmium	165-2	2714514	2725265	2746101	2728627	0.59	cps
Indium	115-1	2984351	2914440	2912118	2936970	1.40	cps
Indium	115-2	925352	925858	902582	917931	1.45	cps
Iron	56-2	157025038	156577844	155848374	156483752	0.38	cps
Iron	57-2	3835437	3823796	3807731	3822321	0.36	cps
Iron	54-2	8545172	8556065	8469746	8523661	0.55	cps
Krypton	83-1	160	93	113	122	27.99	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02A	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:54:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	383735	380079	383115	382310	0.51	cps
Lead	207-1	325567	322538	321189	323098	0.69	cps
Lead	208-1	1493538	1508752	1501324	1501205	0.51	cps
Lithium	6-1	778724	780114	784440	781093	0.38	cps
Magnesium	24-2	3288554	3227237	3221017	3245603	1.15	cps
Manganese	55-2	4243886	4206540	4223085	4224504	0.44	cps
Molybdenum	94-1	54829	55441	55652	55307	0.77	cps
Molybdenum	95-1	3144	3054	3247	3148	3.07	cps
Molybdenum	96-1	13677	13870	13847	13798	0.77	cps
Molybdenum	97-1	2013	1987	1930	1977	2.15	cps
Molybdenum	98-1	4781	4741	4564	4695	2.46	cps
Neodymium	150-1	93071	94480	92967	93506	0.90	cps
Neodymium	150-2	52725	52718	51447	52297	1.41	cps
Nickel	60-2	72239	71760	71968	71989	0.33	cps
Phosphorus	31-2	11001	10670	10544	10738	2.20	cps
Potassium	39-2	2203561	2183626	2171114	2186100	0.75	cps
Rhodium	103-1	2578641	2545464	2573202	2565769	0.69	cps
Rhodium	103-2	1432392	1432670	1398609	1421224	1.38	cps
Scandium	45-1	1699870	1685810	1708316	1697999	0.67	cps
Scandium	45-2	150064	148287	146736	148362	1.12	cps
Selenium	82-1	139	201	200	180	19.78	cps
Selenium	77-2	130	123	97	117	15.12	cps
Selenium	78-2	227	167	193	196	15.37	cps
Silicon	28-1	16114388	16153691	15901303	16056461	0.85	cps
Silver	107-1	860	863	1043	922	11.37	cps
Silver	109-1	733	840	753	776	7.31	cps
Sodium	23-2	71150	70638	71428	71072	0.56	cps
Strontium	86-1	130031	129597	129137	129589	0.35	cps
Strontium	88-1	1137326	1166090	1145436	1149617	1.29	cps
Sulfur	34-1	98183	99142	96908	98078	1.14	cps
Terbium	159-1	4045974	4020118	4084242	4050111	0.80	cps
Terbium	159-2	2689336	2727509	2616594	2677813	2.10	cps
Thallium	203-1	2597	2827	2847	2757	5.04	cps
Thallium	205-1	6732	6708	6632	6691	0.78	cps
Tin	118-1	6222	6155	6330	6236	1.42	cps
Titanium	47-1	797345	796553	791704	795201	0.38	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2734-02A	Instrumnet Name :	P7
Client Sample ID :	MYD3S7ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:54:05	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27512	28424	28230	28055	1.71	cps
Vanadium	51-2	299629	298377	296148	298051	0.59	cps
Yttrium	89-1	5296014	5341546	5452008	5363190	1.50	cps
Yttrium	89-2	1347495	1329339	1300888	1325907	1.77	cps
Zinc	66-2	63367	63511	63062	63313	0.36	cps
Zirconium	90-1	143933	143661	142941	143512	0.36	cps
Zirconium	91-1	31420	32392	31901	31905	1.52	cps

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Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2818-01A	Instrumnet Name :	P7
Client Sample ID :	MYD581ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:59:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6381871	6417687	6371099	6390219	0.38	cps
Antimony	121-1	6028	6001	6095	6041	0.80	cps
Arsenic	75-2	32733	32773	33134	32880	0.67	cps
Barium	135-1	822674	828569	825022	825422	0.36	cps
Barium	137-1	1427091	1433410	1430869	1430457	0.22	cps
Beryllium	9-1	2030	1923	2080	2011	3.98	cps
Bismuth	209-1	2143223	2301440	2348142	2264268	4.74	cps
Bismuth	209-2	1953977	1956591	1940011	1950193	0.46	cps
Bromine	81-1	11091	11621	11231	11314	2.43	cps
Bromine	81-2	910	960	947	939	2.76	cps
Cadmium	108-1	463	463	530	486	7.93	cps
Cadmium	106-1	2070	2277	2367	2238	6.80	cps
Cadmium	111-1	7149	7594	7844	7529	4.67	cps
Calcium	43-1	462796	466224	463718	464246	0.38	cps
Calcium	44-1	6963347	7007640	7007613	6992866	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173608	171938	172872	172806	0.48	cps
Cobalt	59-2	137059	135596	137085	136580	0.62	cps
Copper	63-2	1444413	1446727	1448934	1446691	0.16	cps
Dysprosium	156-1	60429	61738	61936	61368	1.33	cps
Dysprosium	156-2	48196	47962	48032	48063	0.25	cps
Erbium	164-1	50681	50160	50471	50437	0.52	cps
Erbium	164-2	34676	34058	35168	34634	1.61	cps
Gadolinium	160-1	56082	55780	56570	56144	0.71	cps
Gadolinium	160-2	40505	40201	40081	40262	0.54	cps
Holmium	165-1	3395063	3719687	3849010	3654587	6.40	cps
Holmium	165-2	2709748	2738667	2635727	2694714	1.97	cps
Indium	115-1	2575275	2762767	2822101	2720047	4.74	cps
Indium	115-2	906306	903268	892457	900677	0.81	cps
Iron	56-2	166548084	167293428	167799068	167213526	0.38	cps
Iron	57-2	4121916	4123318	4107793	4117676	0.21	cps
Iron	54-2	9173454	9189428	9156522	9173135	0.18	cps
Krypton	83-1	87	153	143	128	28.14	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2818-01A	Instrumnet Name :	P7
Client Sample ID :	MYD581ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:59:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2633286	2656370	2675186	2654948	0.79	cps
Lead	207-1	2291037	2350873	2338649	2326853	1.36	cps
Lead	208-1	10405680	10679505	10602395	10562527	1.34	cps
Lithium	6-1	686960	742335	756538	728611	5.05	cps
Magnesium	24-2	4489589	4541693	4456302	4495861	0.96	cps
Manganese	55-2	5584473	5625518	5623676	5611222	0.41	cps
Molybdenum	94-1	38785	38217	39202	38734	1.28	cps
Molybdenum	95-1	5098	4991	5201	5096	2.06	cps
Molybdenum	96-1	12782	13526	13663	13324	3.56	cps
Molybdenum	97-1	3080	3064	3060	3068	0.35	cps
Molybdenum	98-1	7855	8059	7752	7889	1.98	cps
Neodymium	150-1	101686	100505	101297	101163	0.60	cps
Neodymium	150-2	57182	57349	56724	57085	0.57	cps
Nickel	60-2	52411	52926	52247	52528	0.67	cps
Phosphorus	31-2	18301	18358	18091	18250	0.77	cps
Potassium	39-2	3662586	3640424	3673519	3658843	0.46	cps
Rhodium	103-1	2225724	2355124	2433527	2338125	4.49	cps
Rhodium	103-2	1391446	1384522	1372873	1382947	0.68	cps
Scandium	45-1	1519376	1579767	1667855	1588999	4.70	cps
Scandium	45-2	147189	146688	144403	146093	1.02	cps
Selenium	82-1	349	282	273	301	13.80	cps
Selenium	77-2	127	197	120	148	28.74	cps
Selenium	78-2	197	287	250	244	18.51	cps
Silicon	28-1	15408712	15565043	15624704	15532820	0.72	cps
Silver	107-1	13273	14200	13513	13662	3.52	cps
Silver	109-1	12646	13109	12966	12907	1.84	cps
Sodium	23-2	249869	249289	250377	249845	0.22	cps
Strontium	86-1	213212	216661	216492	215455	0.90	cps
Strontium	88-1	1873541	1946370	1966624	1928845	2.54	cps
Sulfur	34-1	114723	118757	118512	117330	1.93	cps
Terbium	159-1	3569414	3765408	3854092	3729638	3.91	cps
Terbium	159-2	2625545	2609083	2604520	2613049	0.42	cps
Thallium	203-1	2617	2627	2737	2660	2.50	cps
Thallium	205-1	6412	6538	6588	6513	1.40	cps
Tin	118-1	34575	36090	36101	35589	2.47	cps
Titanium	47-1	802729	812177	816056	810320	0.85	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2818-01A	Instrumnet Name :	P7
Client Sample ID :	MYD581ARE	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:59:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20616	20930	20840	20795	0.78	cps
Vanadium	51-2	292934	291248	291186	291789	0.34	cps
Yttrium	89-1	4933490	5288450	5374606	5198849	4.50	cps
Yttrium	89-2	1360855	1348644	1343702	1351067	0.65	cps
Zinc	66-2	189466	187943	187262	188224	0.60	cps
Zirconium	90-1	95004	95280	96319	95535	0.73	cps
Zirconium	91-1	20988	21699	21950	21546	2.31	cps

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Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:05:02	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4190830	4258158	4296683	4248557	1.26	cps
Antimony	121-1	1916430	1931267	1922345	1923347	0.39	cps
Arsenic	75-2	82417	81465	81673	81852	0.61	cps
Barium	135-1	2674960	2629247	2675992	2660066	1.00	cps
Barium	137-1	4590755	4578465	4624122	4597781	0.51	cps
Beryllium	9-1	358543	359594	359735	359291	0.18	cps
Bismuth	209-1	2108029	2099491	2122641	2110053	0.55	cps
Bismuth	209-2	1536538	1570813	1679659	1595670	4.68	cps
Bromine	81-1	6155	5591	5808	5851	4.86	cps
Bromine	81-2	20	33	57	37	50.62	cps
Cadmium	108-1	33161	34103	33161	33475	1.62	cps
Cadmium	106-1	48159	48935	49149	48748	1.07	cps
Cadmium	111-1	441068	439454	446138	442220	0.79	cps
Calcium	43-1	2470802	2542057	2481771	2498210	1.54	cps
Calcium	44-1	39214903	39168538	38885559	39089666	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	669361	666388	668469	668073	0.23	cps
Cobalt	59-2	1049760	1050892	1050875	1050509	0.06	cps
Copper	63-2	7149903	7172851	7112634	7145129	0.43	cps
Dysprosium	156-1	113	113	130	119	8.10	cps
Dysprosium	156-2	170	173	217	187	13.95	cps
Erbium	164-1	107	87	93	96	10.66	cps
Erbium	164-2	70	50	77	66	21.17	cps
Gadolinium	160-1	60	100	87	82	24.77	cps
Gadolinium	160-2	163	130	167	153	13.22	cps
Holmium	165-1	3676833	3617414	3711509	3668585	1.30	cps
Holmium	165-2	2558216	2332434	2536084	2475578	5.03	cps
Indium	115-1	2659975	2544020	2635234	2613076	2.34	cps
Indium	115-2	821140	755998	807266	794801	4.32	cps
Iron	56-2	148433654	148138308	147793321	148121761	0.22	cps
Iron	57-2	3657099	3643604	3636351	3645685	0.29	cps
Iron	54-2	8215279	8052636	8100101	8122672	1.03	cps
Krypton	83-1	47	63	47	52	18.42	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:05:02	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7669229	7903395	7880626	7817750	1.65	cps
Lead	207-1	6839821	6822443	6810522	6824262	0.22	cps
Lead	208-1	31016081	31210517	31169957	31132185	0.33	cps
Lithium	6-1	705743	693958	695369	698357	0.92	cps
Magnesium	24-2	35154124	35452617	35464079	35356940	0.50	cps
Manganese	55-2	5098727	5139153	5121169	5119683	0.40	cps
Molybdenum	94-1	6916838	6940867	6962447	6940051	0.33	cps
Molybdenum	95-1	10058805	10096748	10153621	10103058	0.47	cps
Molybdenum	96-1	11064412	11159142	11058799	11094118	0.51	cps
Molybdenum	97-1	6369366	6311908	6269745	6317006	0.79	cps
Molybdenum	98-1	16591092	16353029	16523368	16489163	0.74	cps
Neodymium	150-1	237	243	230	237	2.82	cps
Neodymium	150-2	43	83	57	61	33.33	cps
Nickel	60-2	253882	256943	253912	254912	0.69	cps
Phosphorus	31-2	40514	40714	41182	40803	0.84	cps
Potassium	39-2	20519664	20676715	20780372	20658917	0.64	cps
Rhodium	103-1	2264039	2192367	2204010	2220139	1.73	cps
Rhodium	103-2	1242425	1139679	1216034	1199379	4.45	cps
Scandium	45-1	1390830	1398677	1409168	1399558	0.66	cps
Scandium	45-2	124728	113242	123998	120656	5.33	cps
Selenium	82-1	24822	25070	24921	24938	0.50	cps
Selenium	77-2	2337	2320	2440	2366	2.75	cps
Selenium	78-2	8166	7819	8082	8022	2.26	cps
Silicon	28-1	1103135	1099909	1111543	1104862	0.54	cps
Silver	107-1	2123806	2197315	2168992	2163371	1.71	cps
Silver	109-1	2066356	2078712	2059700	2068256	0.47	cps
Sodium	23-2	56951314	57663631	58011017	57541987	0.94	cps
Strontium	86-1	14918007	14940905	14994417	14951110	0.26	cps
Strontium	88-1	131079898	131444398	131634648	131386315	0.21	cps
Sulfur	34-1	249268	248574	247761	248534	0.30	cps
Terbium	159-1	3754555	3750837	3687596	3730996	1.01	cps
Terbium	159-2	2498898	2250611	2418834	2389448	5.30	cps
Thallium	203-1	1918825	1932570	1960521	1937305	1.10	cps
Thallium	205-1	4567834	4696162	4662425	4642140	1.43	cps
Tin	118-1	1695737	1656787	1651029	1667851	1.46	cps
Titanium	47-1	2433935	2378821	2367983	2393580	1.48	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCV091	Instrumnet Name :	P7
Client Sample ID :	CCV091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:05:02	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6276909	6430485	6382315	6363237	1.23	cps
Vanadium	51-2	613739	612953	613395	613362	0.06	cps
Yttrium	89-1	4528663	4434959	4462135	4475252	1.08	cps
Yttrium	89-2	1108196	1019380	1092726	1073434	4.42	cps
Zinc	66-2	1169097	1180775	1174354	1174742	0.50	cps
Zirconium	90-1	3148823	3157051	3192183	3166019	0.73	cps
Zirconium	91-1	701403	694307	702494	699401	0.64	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:07:56	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247	210	280	246	14.26	cps
Antimony	121-1	1453	1347	1543	1448	6.80	cps
Arsenic	75-2	3	7	13	8	65.47	cps
Barium	135-1	160	100	107	122	26.91	cps
Barium	137-1	263	200	207	223	15.58	cps
Beryllium	9-1	243	250	237	243	2.74	cps
Bismuth	209-1	2380829	2406083	2373667	2386860	0.71	cps
Bismuth	209-2	1987131	1968939	1928929	1961666	1.52	cps
Bromine	81-1	6075	6271	6191	6179	1.60	cps
Bromine	81-2	27	40	60	42	39.73	cps
Cadmium	108-1	10	10	3	8	49.52	cps
Cadmium	106-1	1427	1300	1387	1371	4.72	cps
Cadmium	111-1	1052	963	998	1004	4.44	cps
Calcium	43-1	250	223	257	243	7.25	cps
Calcium	44-1	4617	3847	3894	4120	10.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210	150	207	189	17.85	cps
Cobalt	59-2	87	93	73	84	12.06	cps
Copper	63-2	1123	1173	1370	1222	10.67	cps
Dysprosium	156-1	3	7	13	8	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	0	13	10	88.20	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	23	13	13	17	34.65	cps
Gadolinium	160-2	123	97	110	110	12.12	cps
Holmium	165-1	3756536	3791059	3784025	3777206	0.48	cps
Holmium	165-2	2663921	2657783	2605550	2642418	1.21	cps
Indium	115-1	2855801	2913823	2873328	2880984	1.03	cps
Indium	115-2	922442	910981	911697	915040	0.70	cps
Iron	56-2	14170	14027	14270	14156	0.86	cps
Iron	57-2	752	755	769	759	1.18	cps
Iron	54-2	1287	1320	1383	1330	3.69	cps
Krypton	83-1	67	80	83	77	11.50	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:07:56	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	873	807	697	792	11.26	cps
Lead	207-1	710	570	517	599	16.67	cps
Lead	208-1	3377	3007	2640	3008	12.25	cps
Lithium	6-1	750121	753940	757174	753745	0.47	cps
Magnesium	24-2	2300	2394	2490	2395	3.97	cps
Manganese	55-2	367	377	417	387	6.84	cps
Molybdenum	94-1	803	707	710	740	7.42	cps
Molybdenum	95-1	793	683	620	699	12.55	cps
Molybdenum	96-1	967	853	840	887	7.85	cps
Molybdenum	97-1	617	427	393	479	25.16	cps
Molybdenum	98-1	1193	1137	1020	1117	7.91	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	70	63	57	63	10.52	cps
Phosphorus	31-2	83	127	100	103	21.16	cps
Potassium	39-2	33905	34292	34690	34295	1.14	cps
Rhodium	103-1	2503461	2505794	2523374	2510877	0.43	cps
Rhodium	103-2	1437336	1418194	1410267	1421932	0.98	cps
Scandium	45-1	1465397	1447453	1479259	1464036	1.09	cps
Scandium	45-2	132167	130536	129823	130842	0.92	cps
Selenium	82-1	105	77	93	92	15.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	117	67	84	33.10	cps
Silicon	28-1	176523	175792	175647	175987	0.27	cps
Silver	107-1	440	280	300	340	25.64	cps
Silver	109-1	423	250	253	309	32.09	cps
Sodium	23-2	17133	16586	17110	16943	1.83	cps
Strontium	86-1	803	650	593	682	15.93	cps
Strontium	88-1	6305	5108	4597	5337	16.42	cps
Sulfur	34-1	110791	111473	113837	112033	1.43	cps
Terbium	159-1	3916112	3871874	3871479	3886488	0.66	cps
Terbium	159-2	2599300	2578120	2586460	2587960	0.41	cps
Thallium	203-1	367	287	293	316	14.07	cps
Thallium	205-1	737	753	700	730	3.74	cps
Tin	118-1	1048	1024	1091	1054	3.20	cps
Titanium	47-1	173	163	203	180	11.56	cps

Reviewed By:Mohan
On:10/18/2024 5:05:15 AM
Inst Id :P7

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	CCB091	Instrumnet Name :	P7
Client Sample ID :	CCB091	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 21:07:56	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	280	237	203	240	16.02	cps
Vanadium	51-2	30	27	27	28	6.92	cps
Yttrium	89-1	4673050	4698220	4745072	4705447	0.78	cps
Yttrium	89-2	1185737	1166491	1171420	1174549	0.85	cps
Zinc	66-2	157	117	143	139	14.66	cps
Zirconium	90-1	847	813	877	846	3.75	cps
Zirconium	91-1	173	147	143	154	10.65	cps

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Prep Standard - Chemical Standard Summary

Order ID : P2818

Test : Metals CLP MS FULL

Prepbatch ID : PB163777,

Sequence ID/Qc Batch ID: LB132905,LB132992,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,MP82593,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	10/24/2024	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/22/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP82571	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 48.50000ml of W3112 + 50.00000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP82572	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP82573	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 86.00000ml of W3112 + 12.50000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP82574	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP82575	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP82576	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_2 (ICP B)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 98.00000ml of W3112 + 0.50000ml of MP82575 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP82577	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP82578	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP82580	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP82586	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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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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Fax : 908 789 8922

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 /Jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 /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

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 /Janvi	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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M6028

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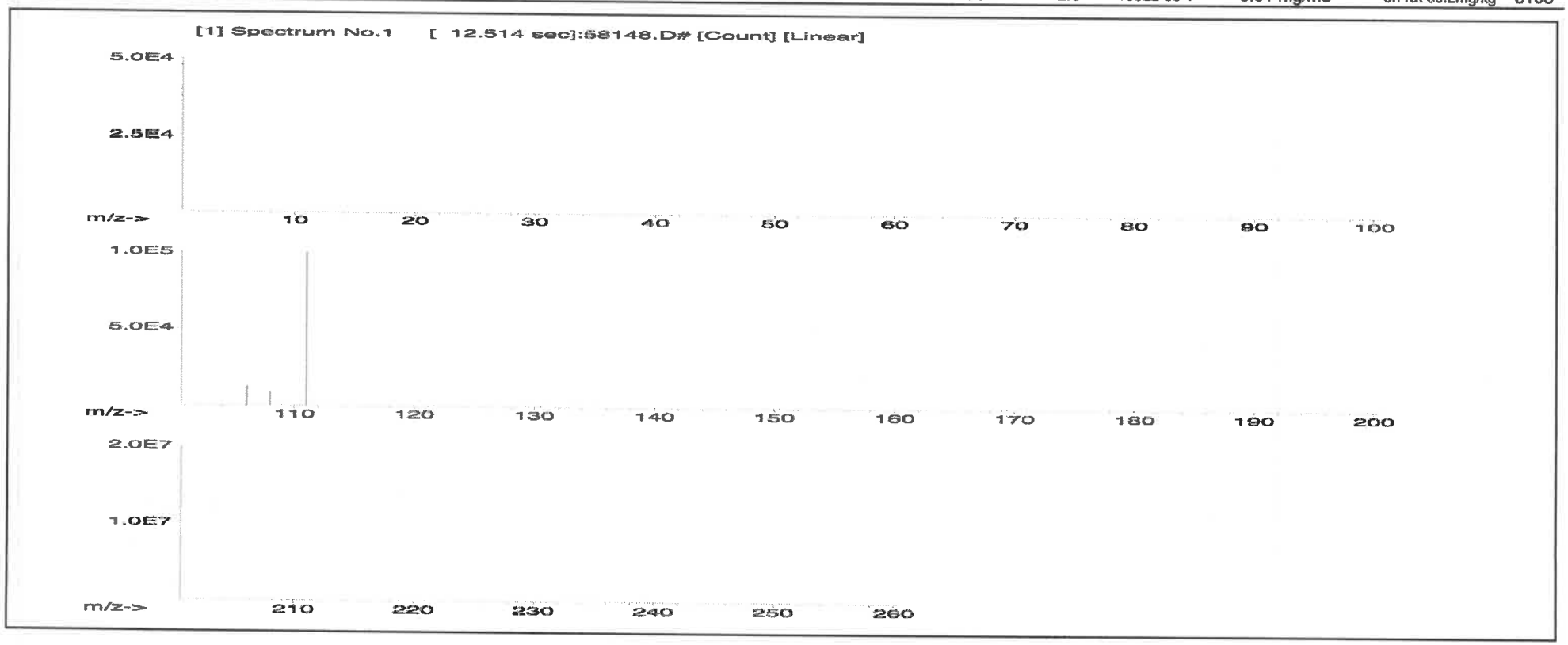
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**	
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	070127			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



939

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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CERTIFIED WEIGHT REPORT:

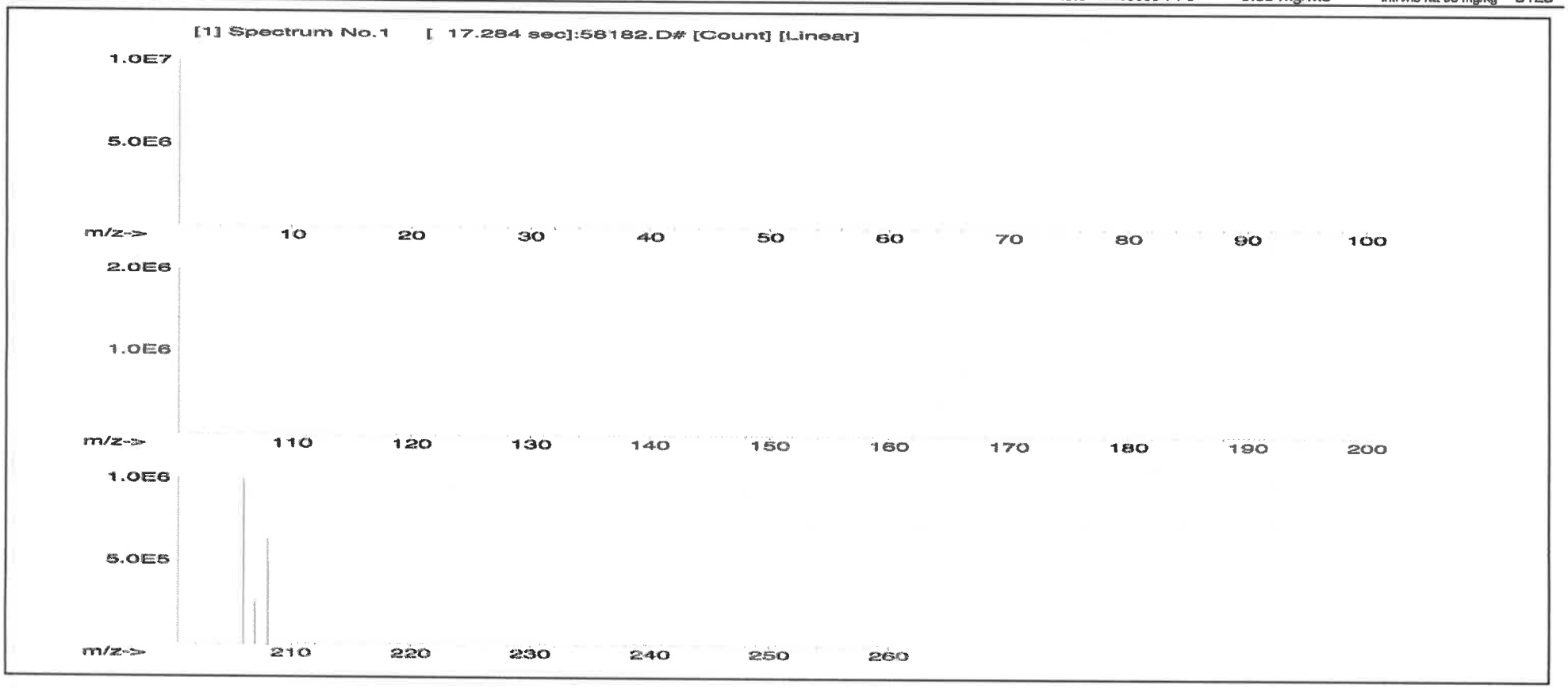
Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

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

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask 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



941

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

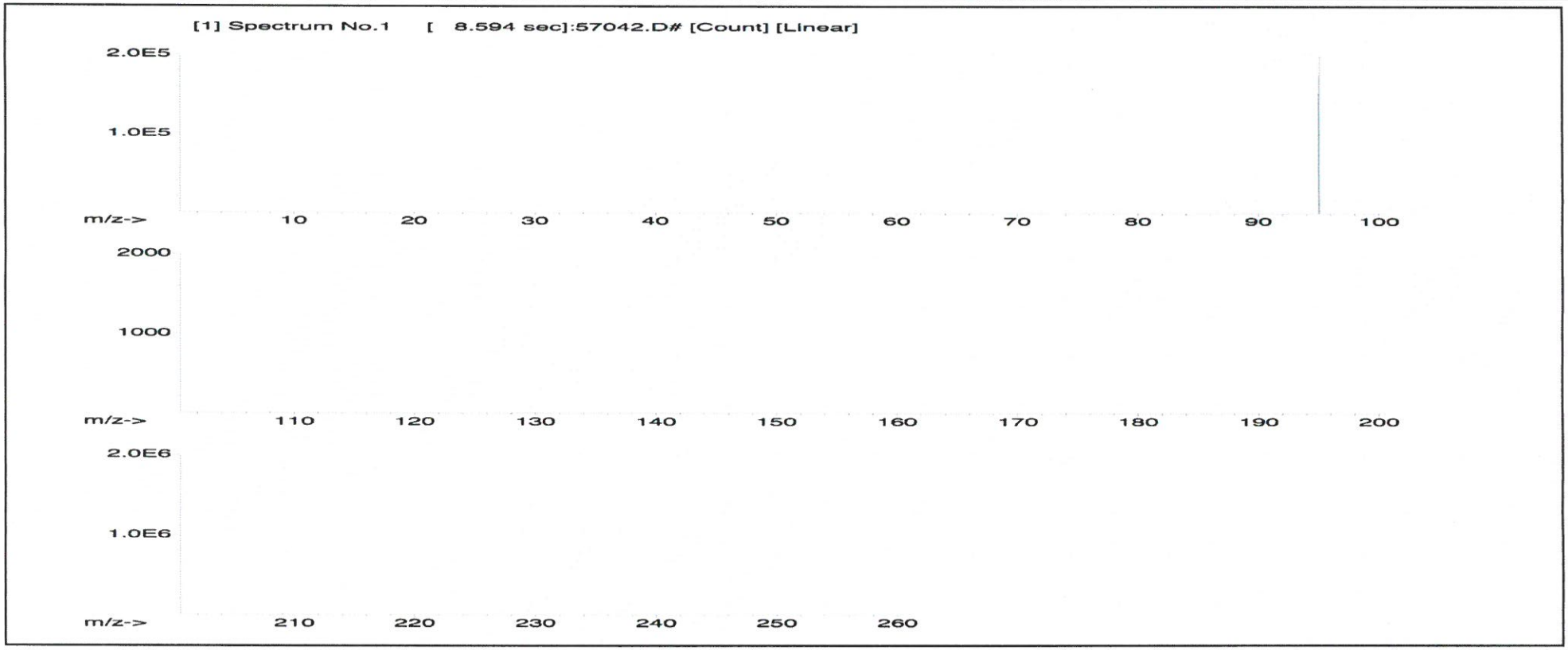
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:		
	MKBQ8597V	Ammonium hydroxide		
	0.5%	15.0 (mL)	Ammonium hydroxide	

Expiration Date: 051725
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	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



943

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.
* 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).

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

944

CERTIFIED WEIGHT REPORT:

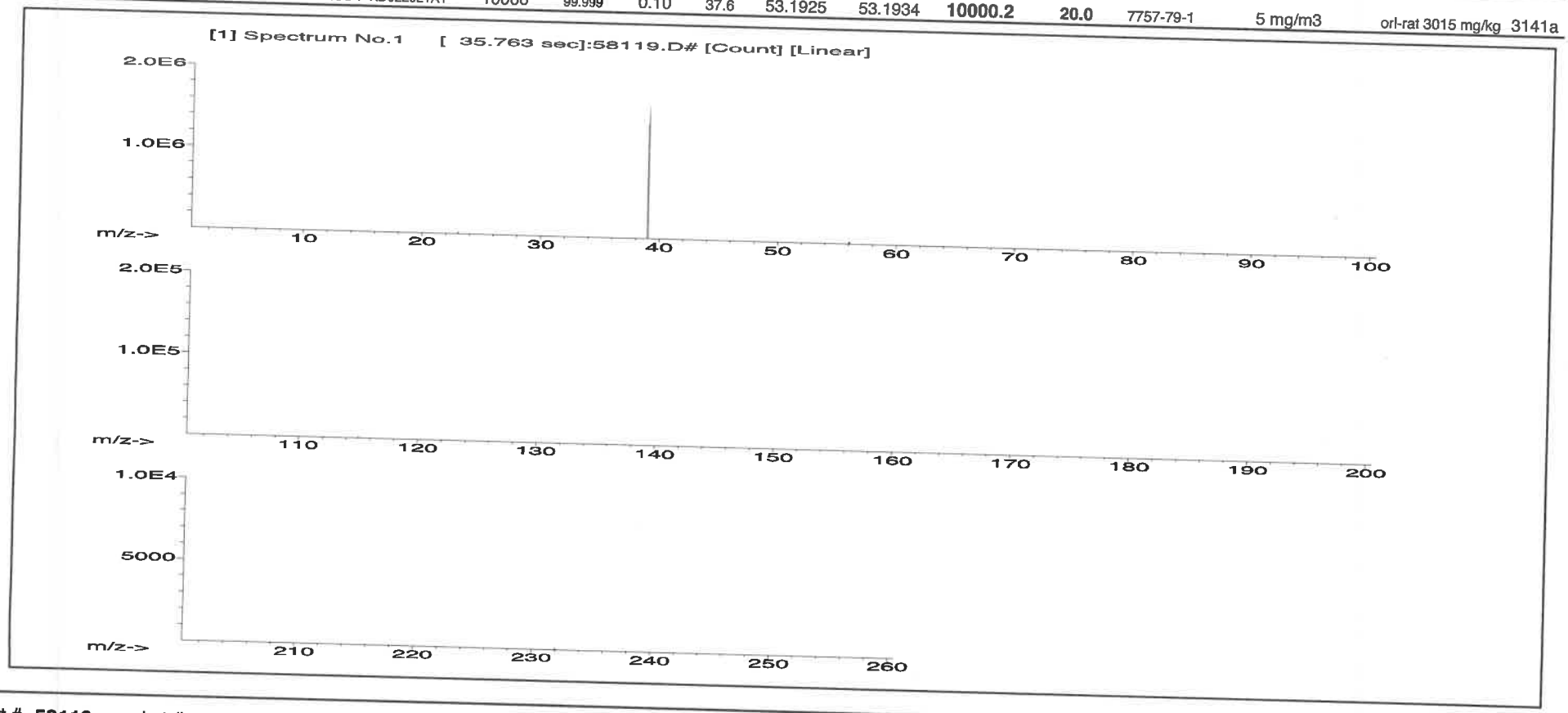
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

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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www.absolutestandards.com

M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

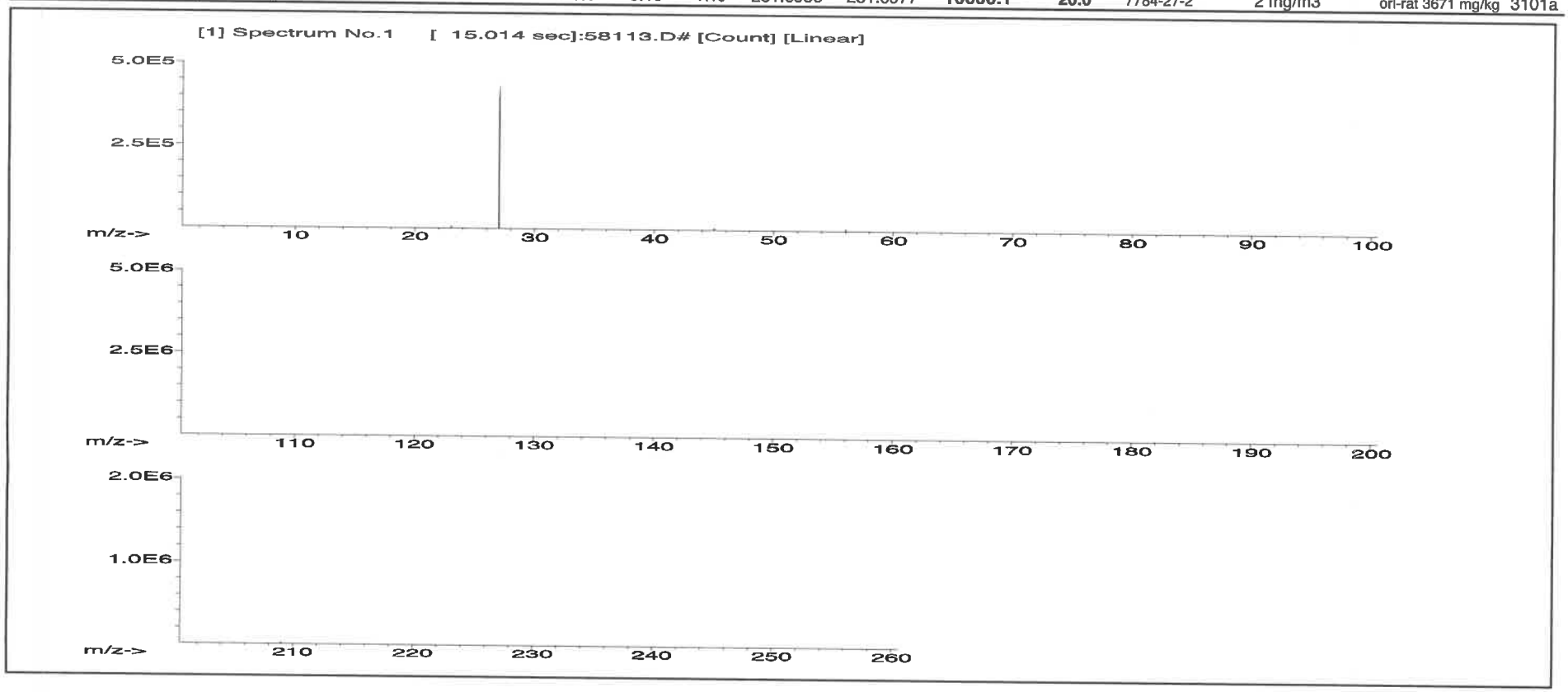
Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

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

	Lot #		
Solvent:	20370011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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.
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R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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954

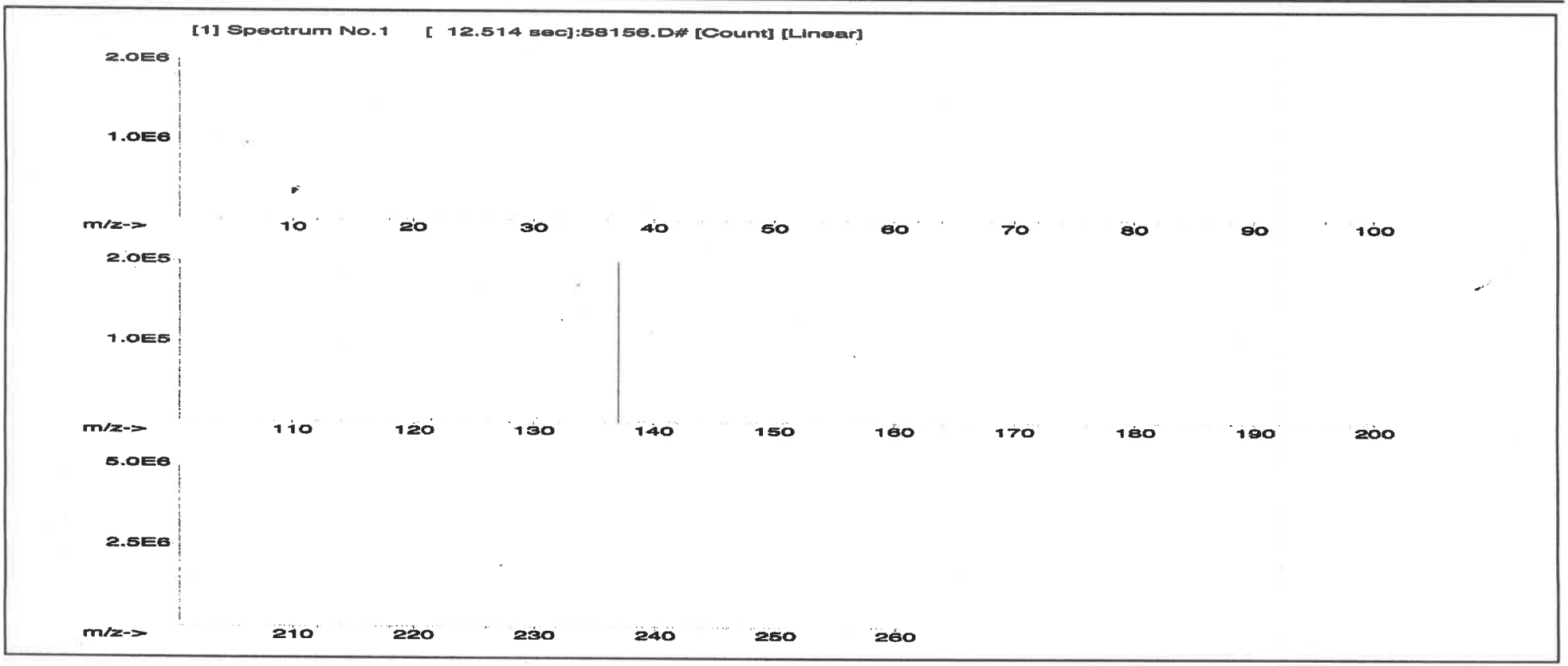
CERTIFIED WEIGHT REPORT:

			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.
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* 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).

C66
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M5497 - M5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

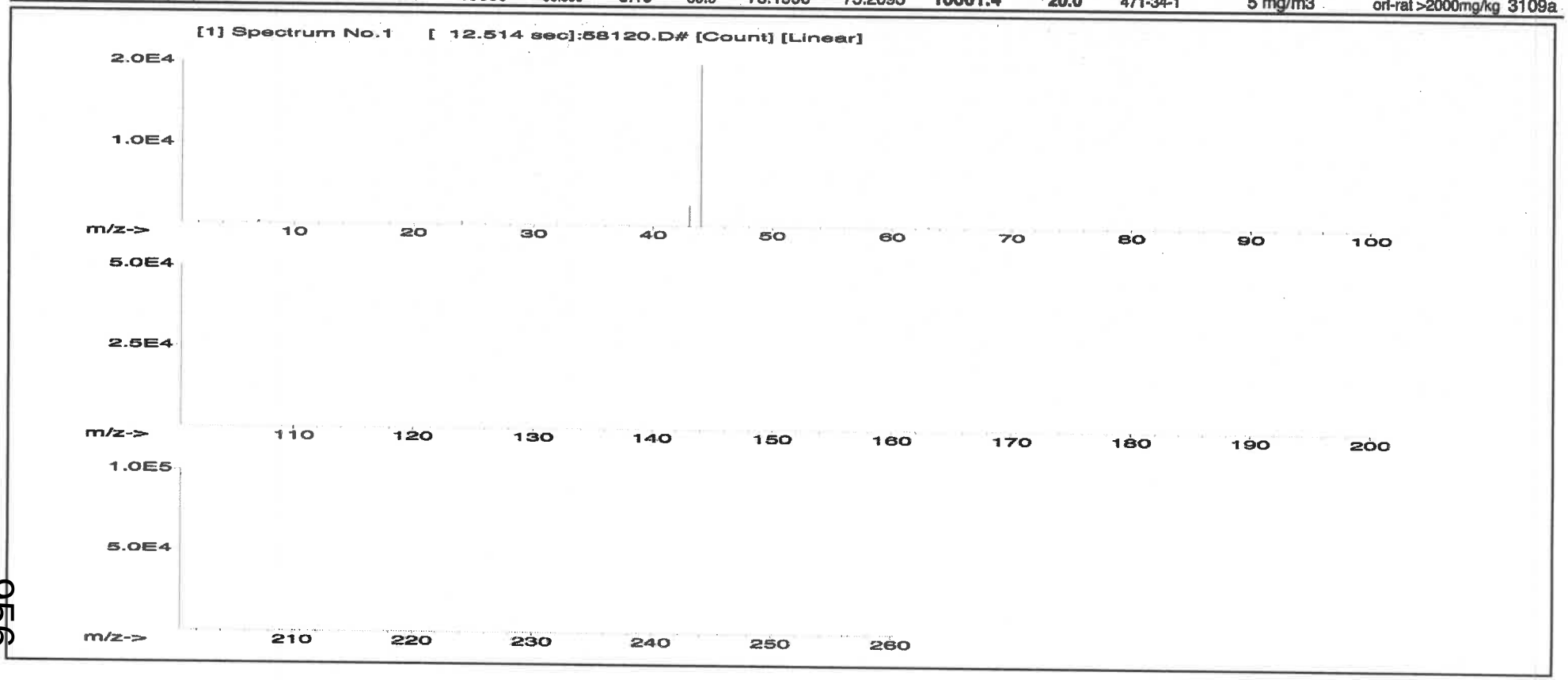
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
		5E-05	Balance Uncertainty

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
Reviewed By: Pedro L. Rentas 031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



956

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.

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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 Reference Material CRM

MA513 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

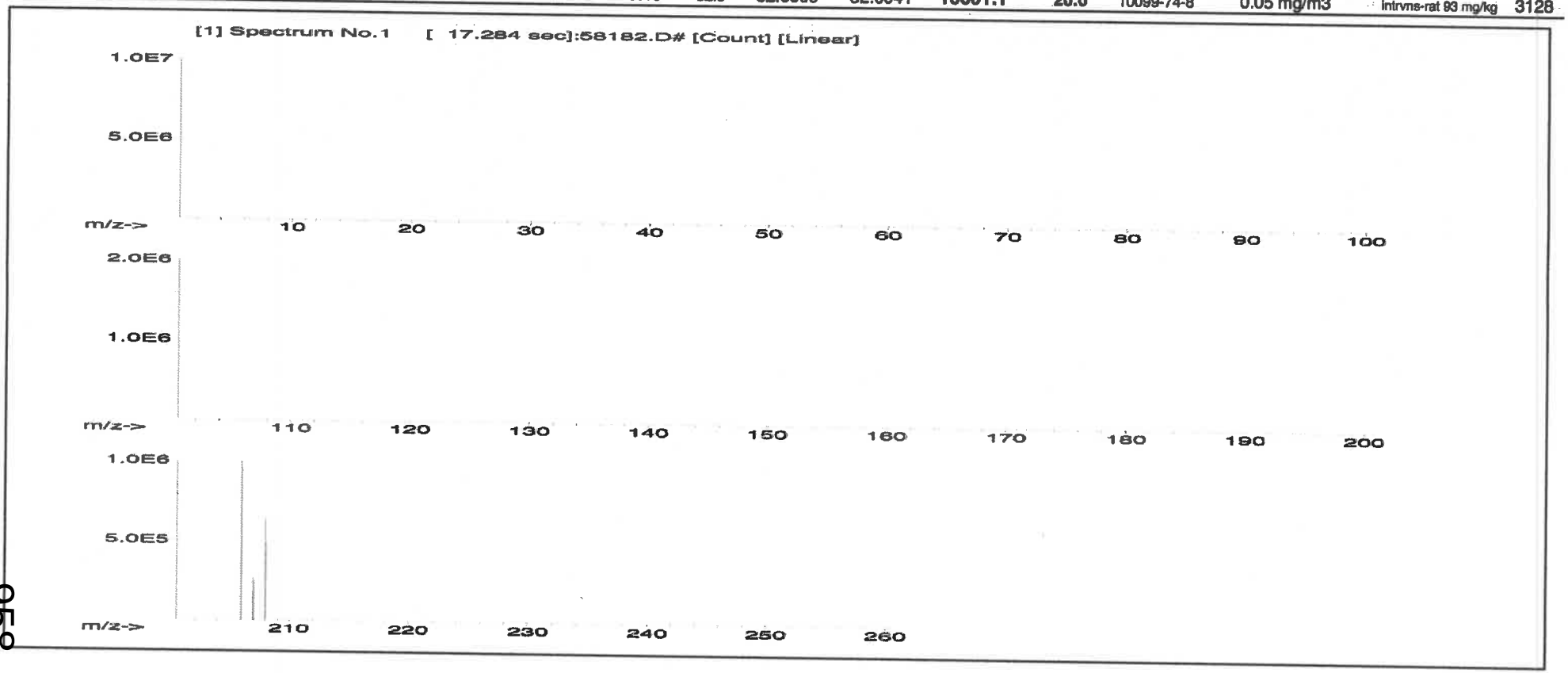
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



958

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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* 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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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 ± 0.12 Flask Uncertainty

	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

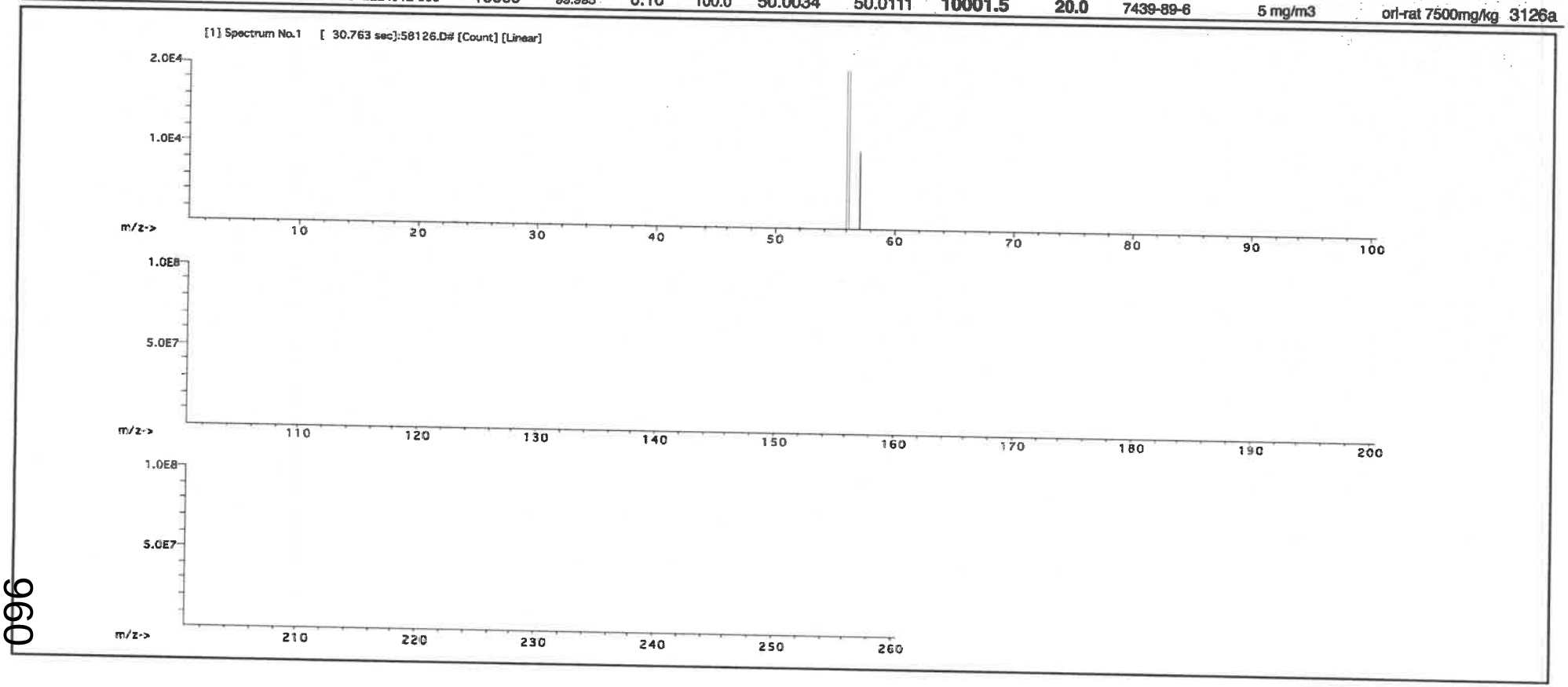
Giovanni Esposito

Formulated By: Giovanni Esposito 092122

Pedro Rentas

Reviewed By: Pedro L. Rentas 092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



096

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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M5519. M5520 (BH) R:03/17/23

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962

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

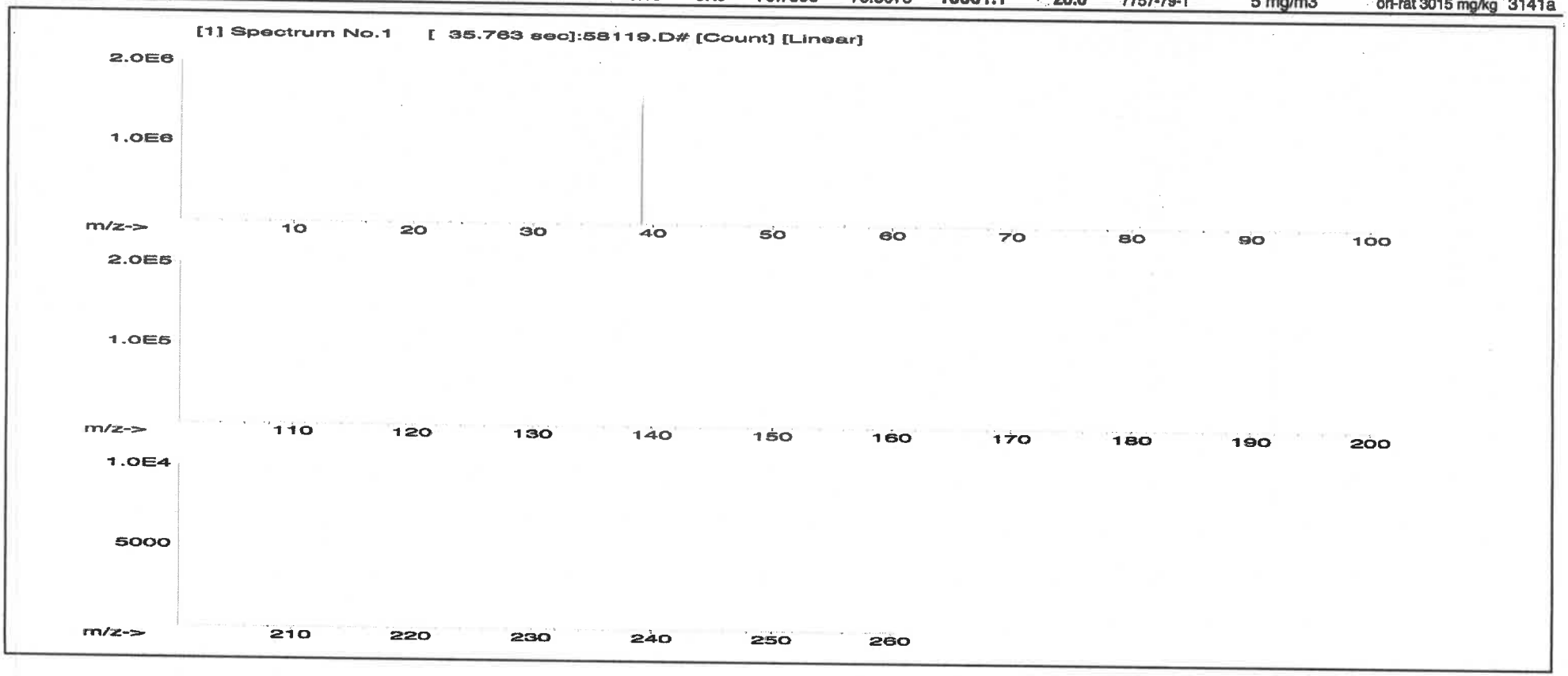
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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



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	<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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Certificate of Analysis

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Christiansburg, VA 24073 USA
inorganicventures.com

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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:

969

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

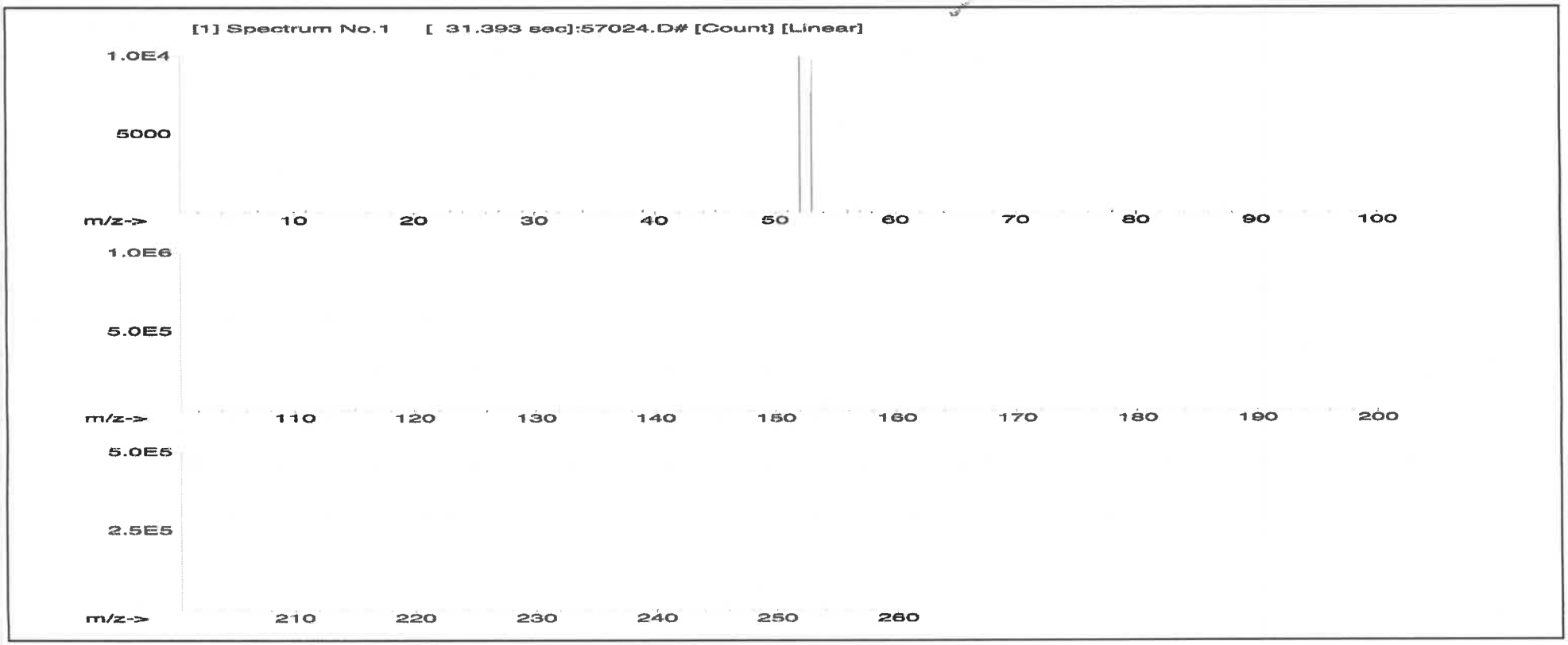
973

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



974

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

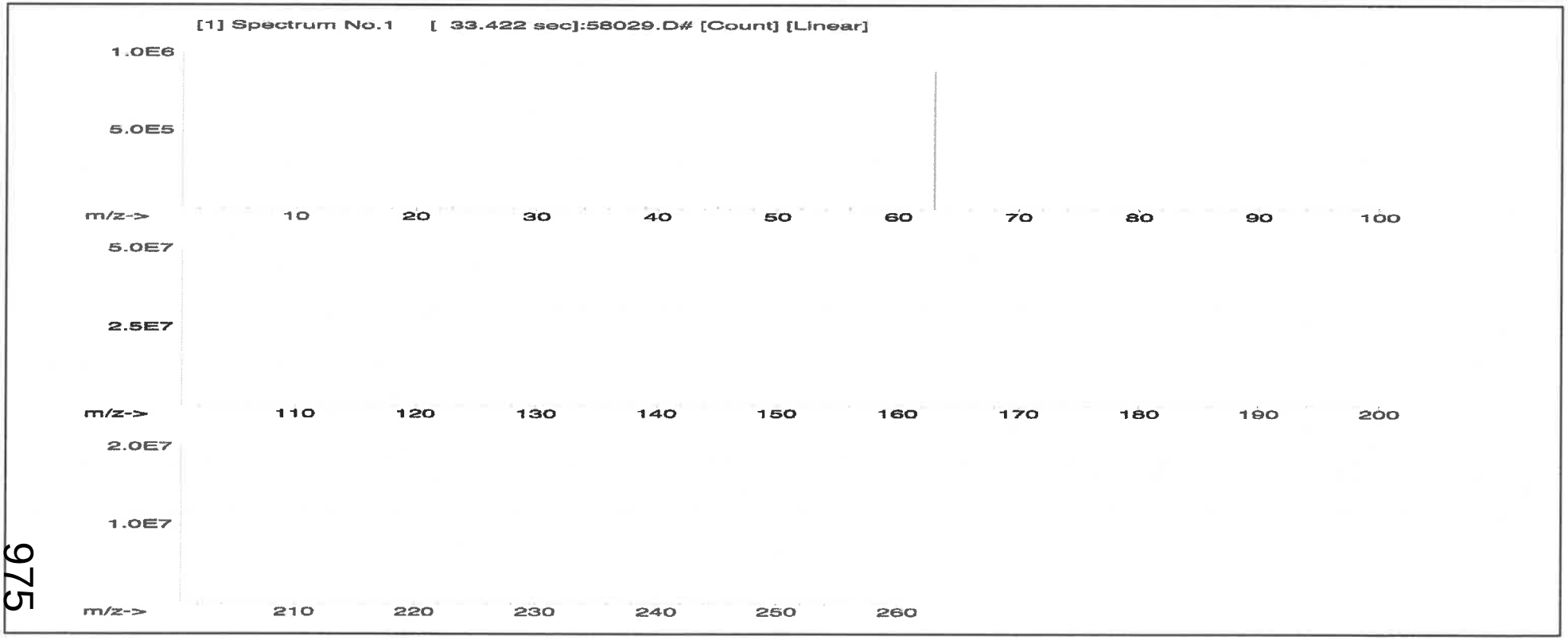
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AR-1539 Certificate Number
https://Absolutestandards.com

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



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	<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).

Absolute Standards, Inc.
800-368-1131
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Certified Reference Material CRM

M5648 R: 10/27/23

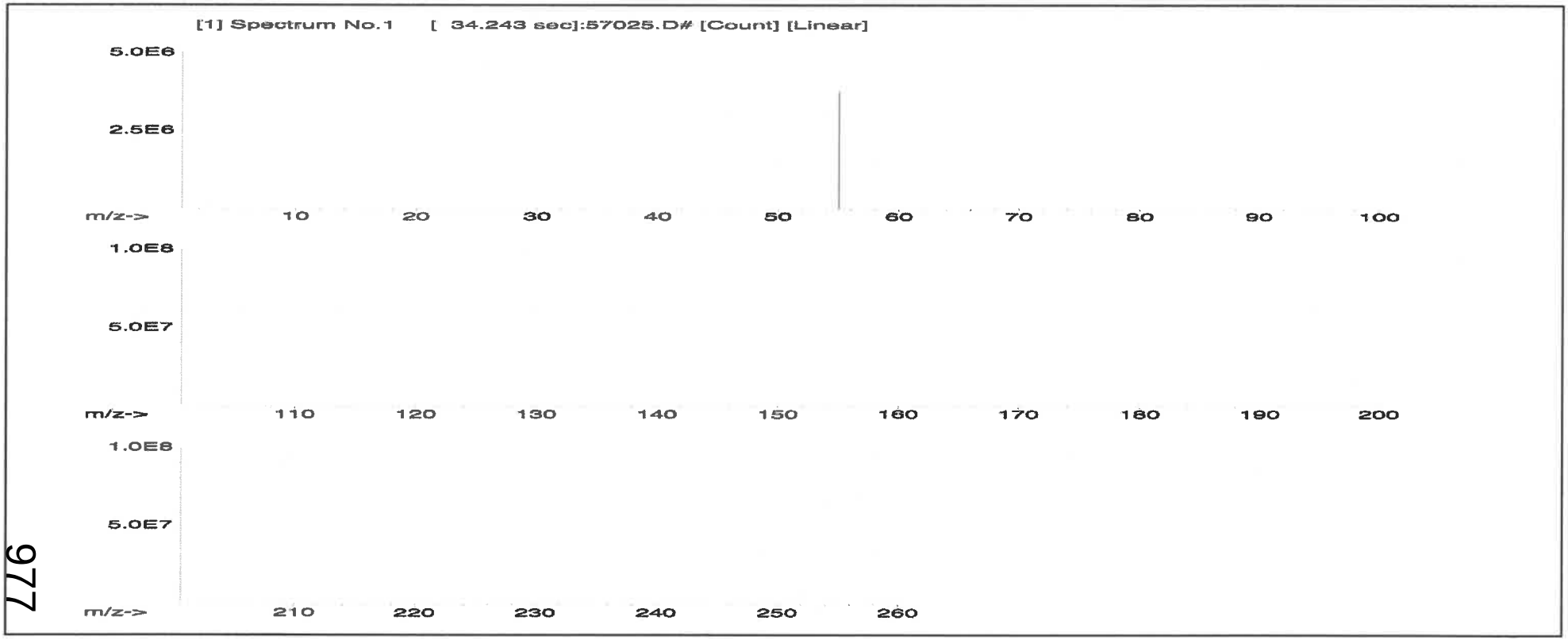
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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



977

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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679

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

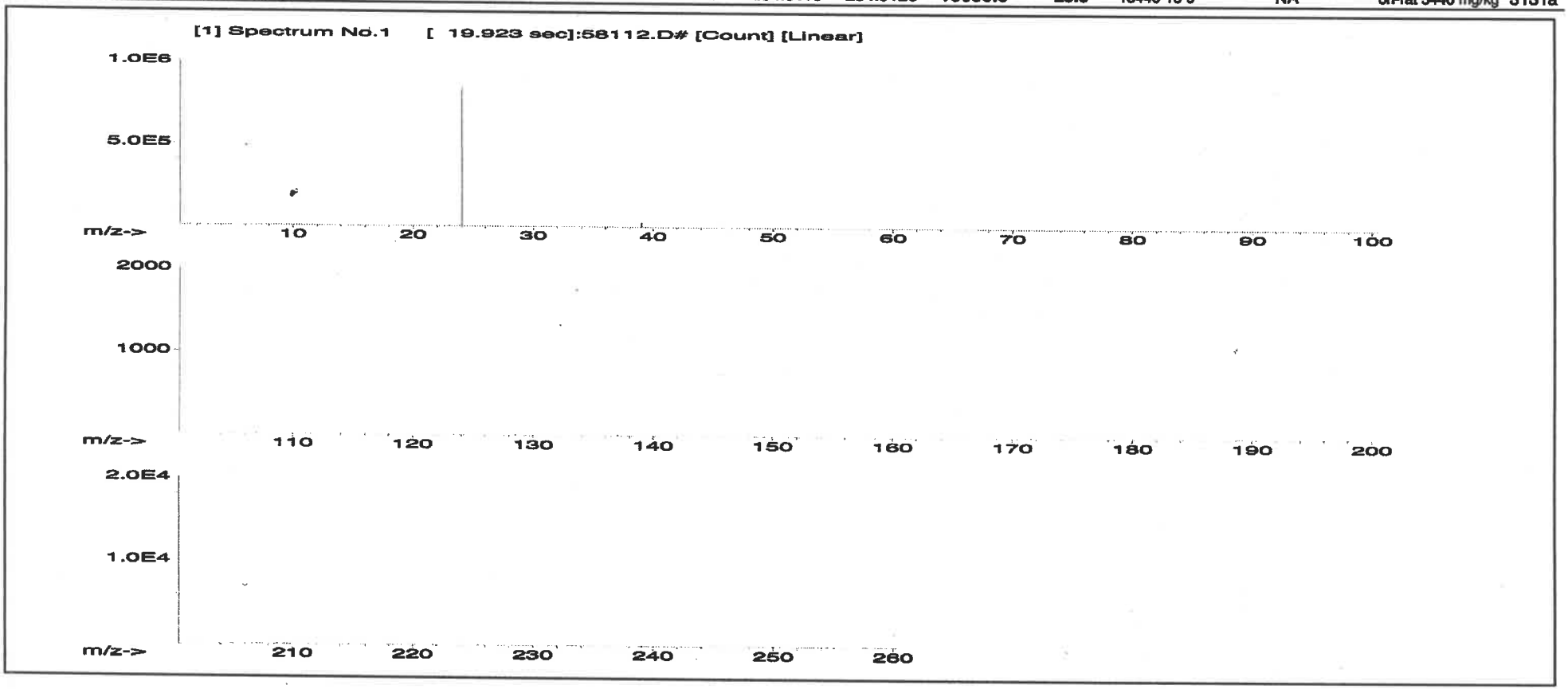
5E-05 Balance Uncertainty

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



980

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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981

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

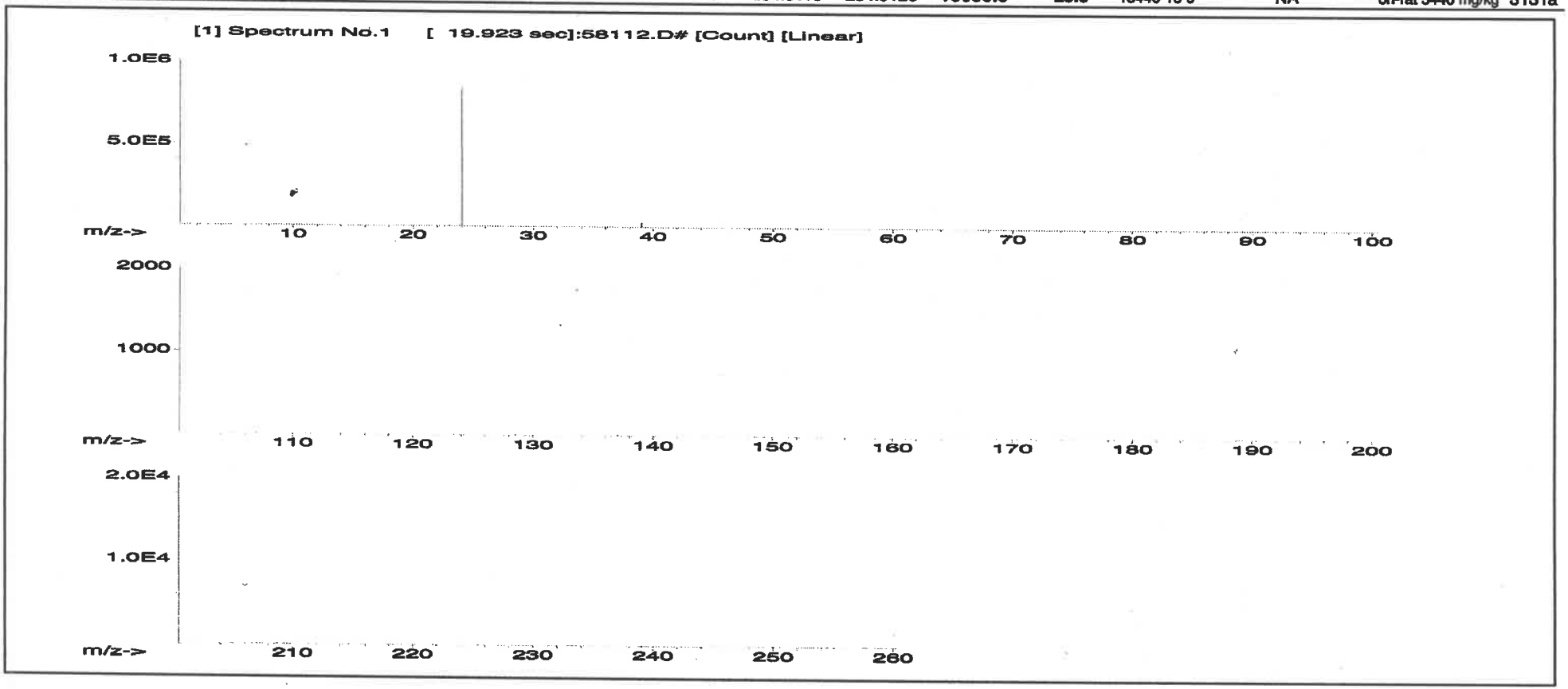
5E-05 Balance Uncertainty

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



982

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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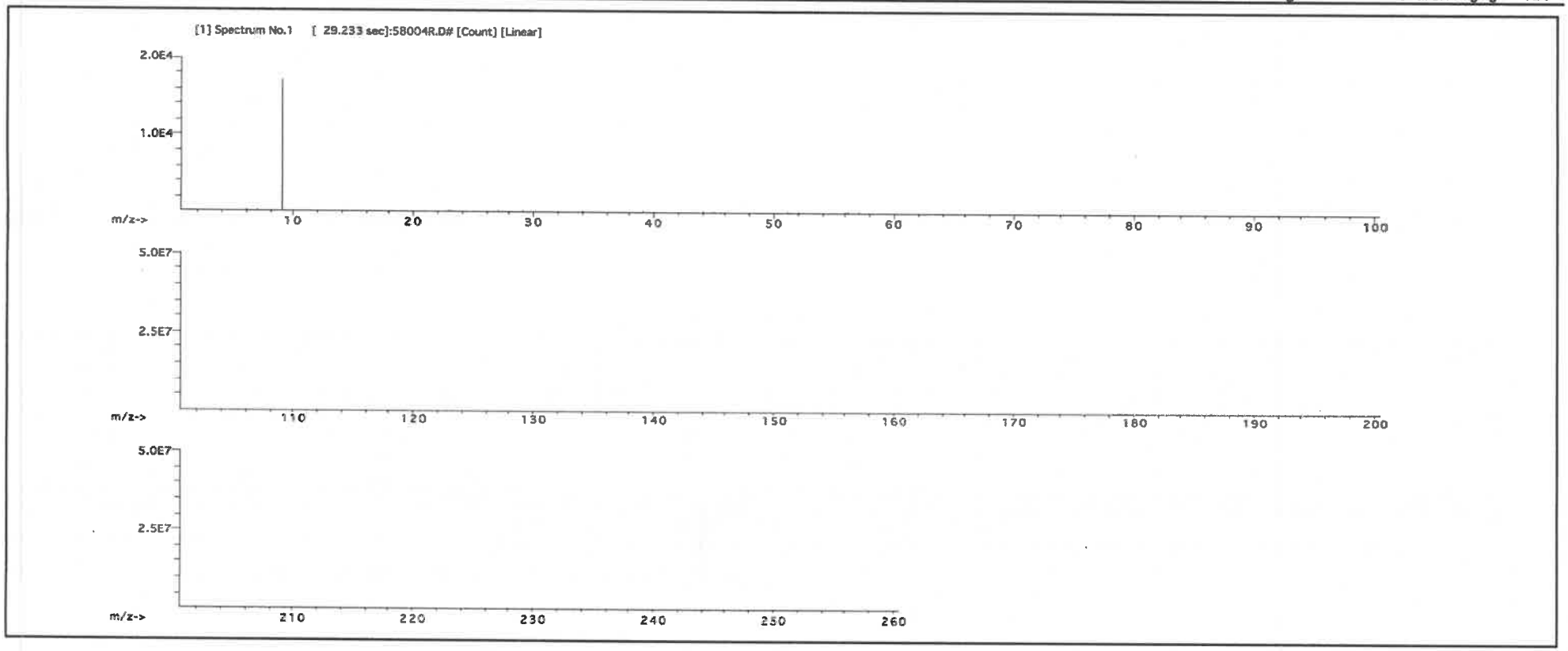
983

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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985

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

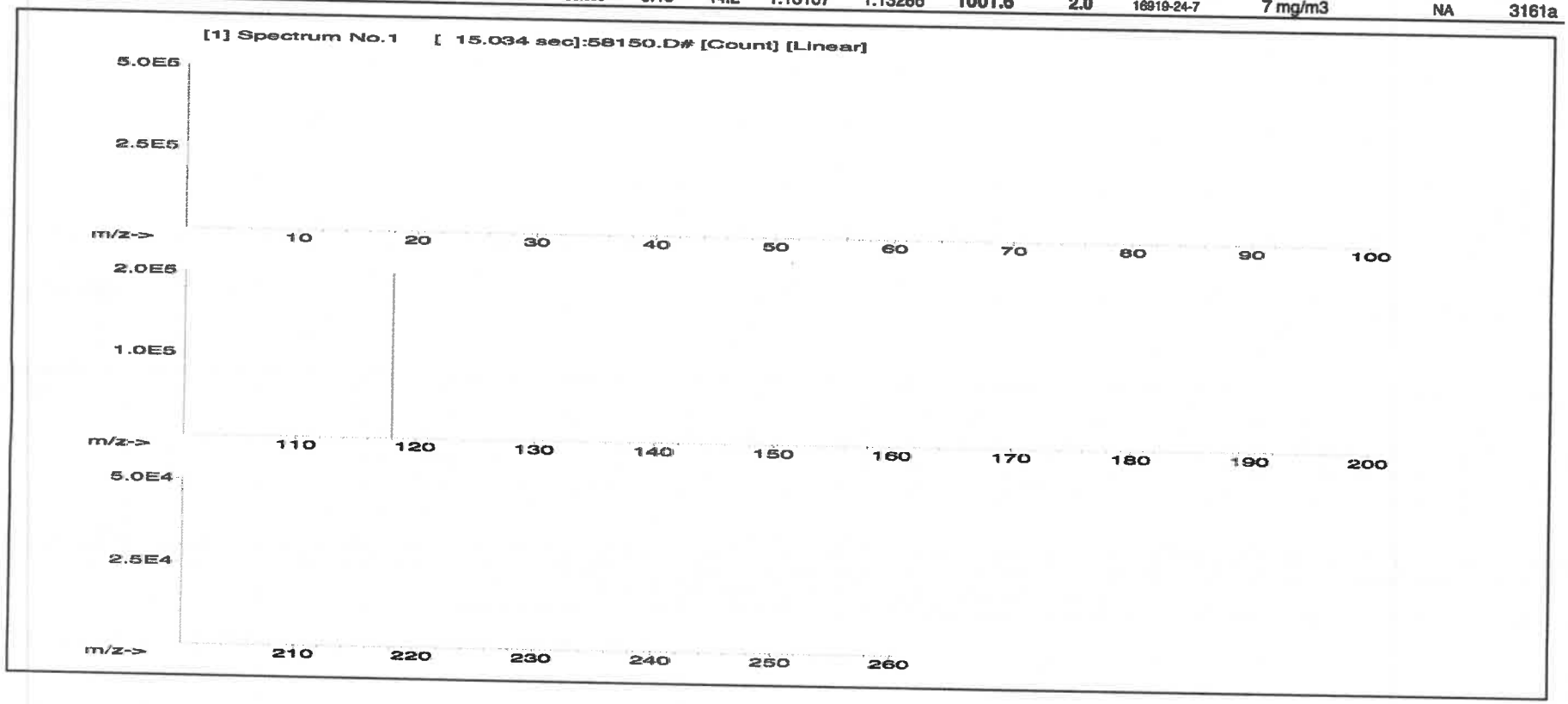
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



9886

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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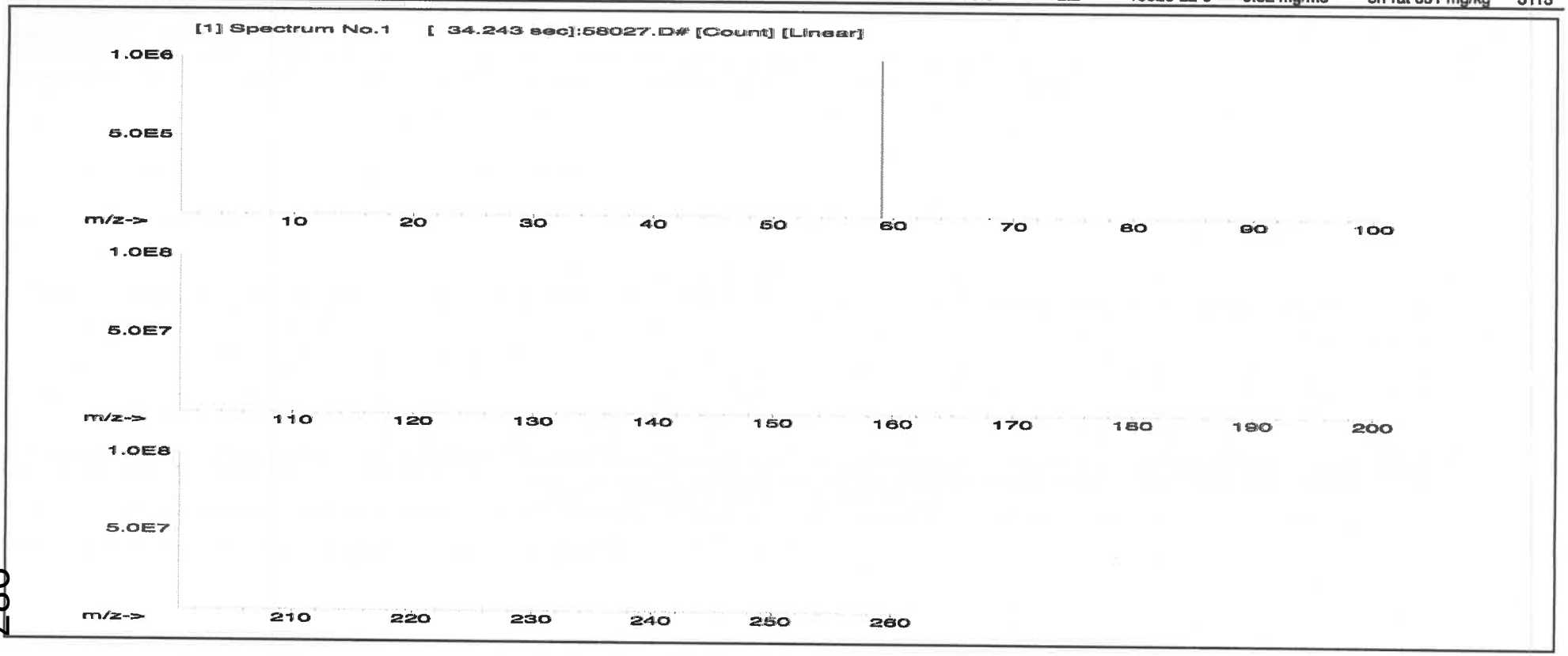
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CERTIFIED WEIGHT REPORT:

		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



987

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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* 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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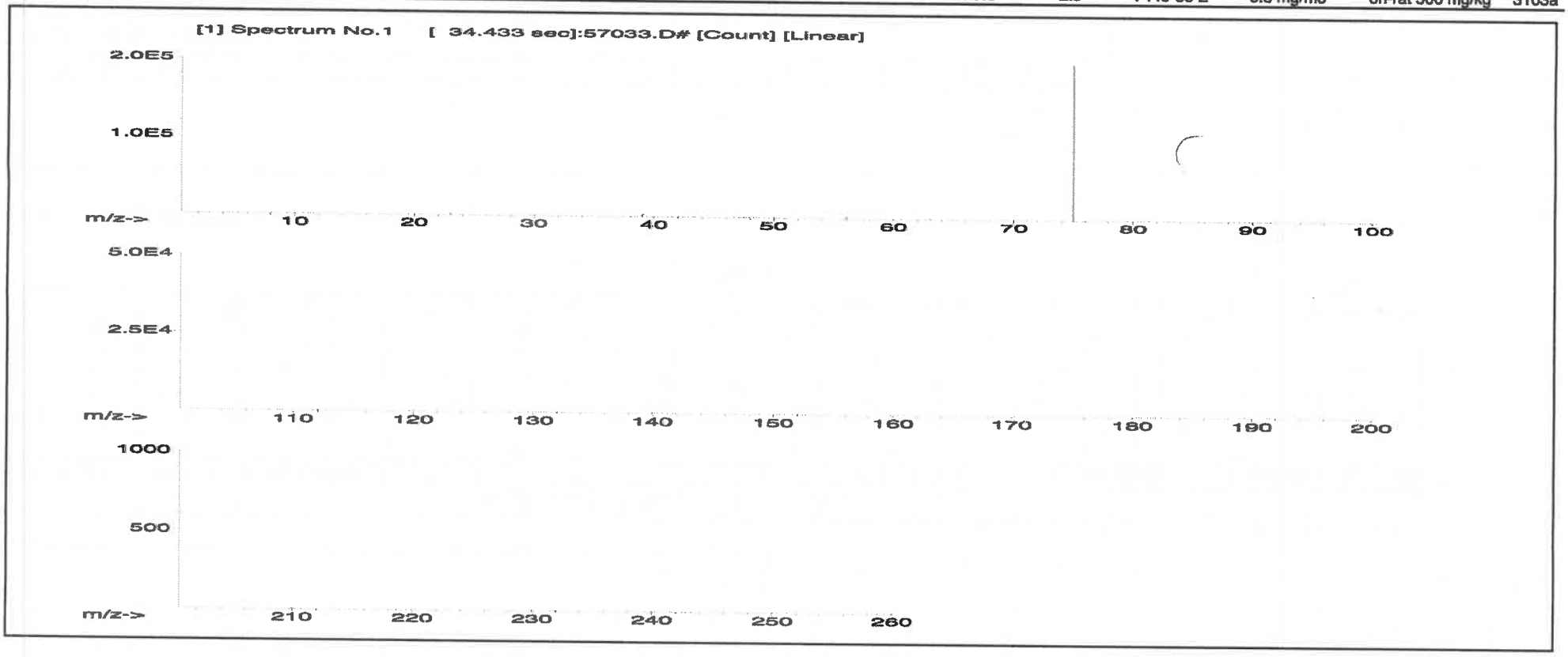
686

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



066

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* 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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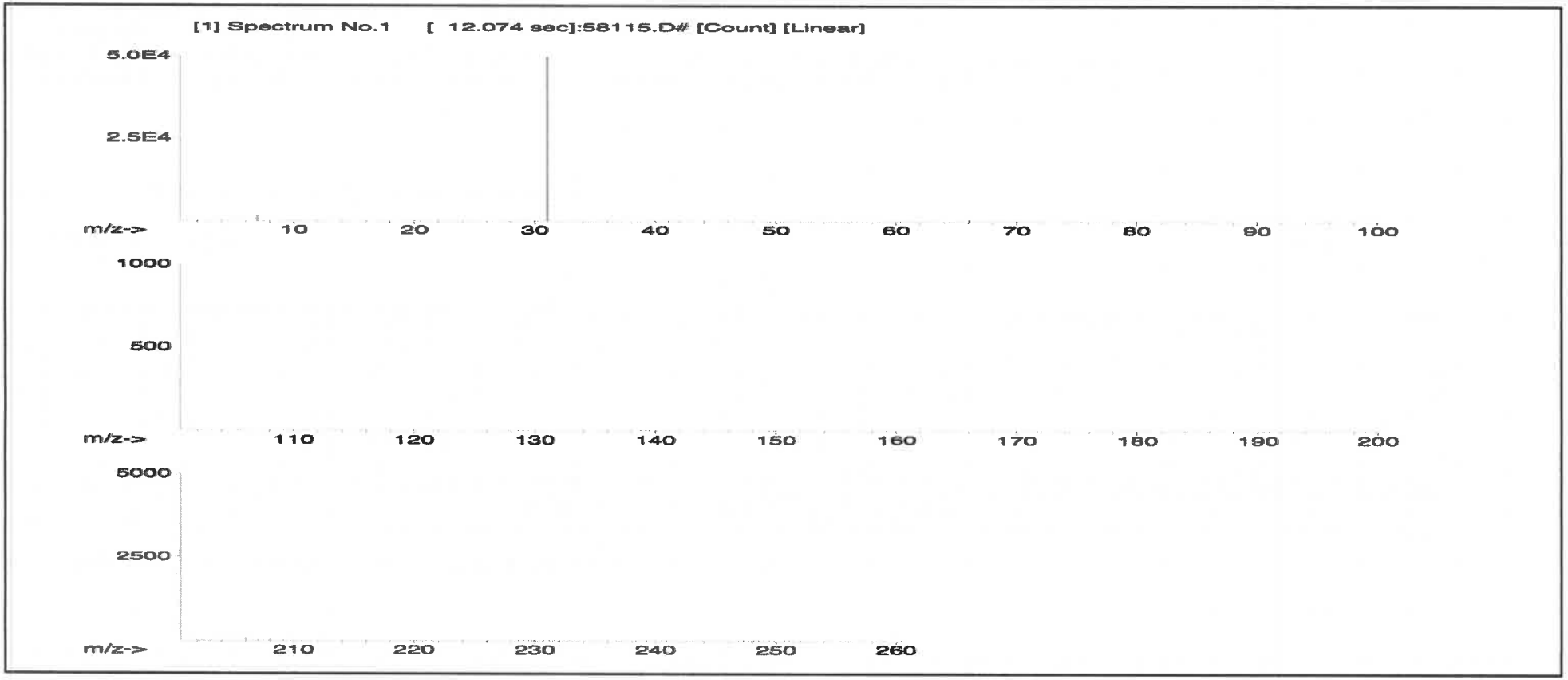
991

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



992

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.

* 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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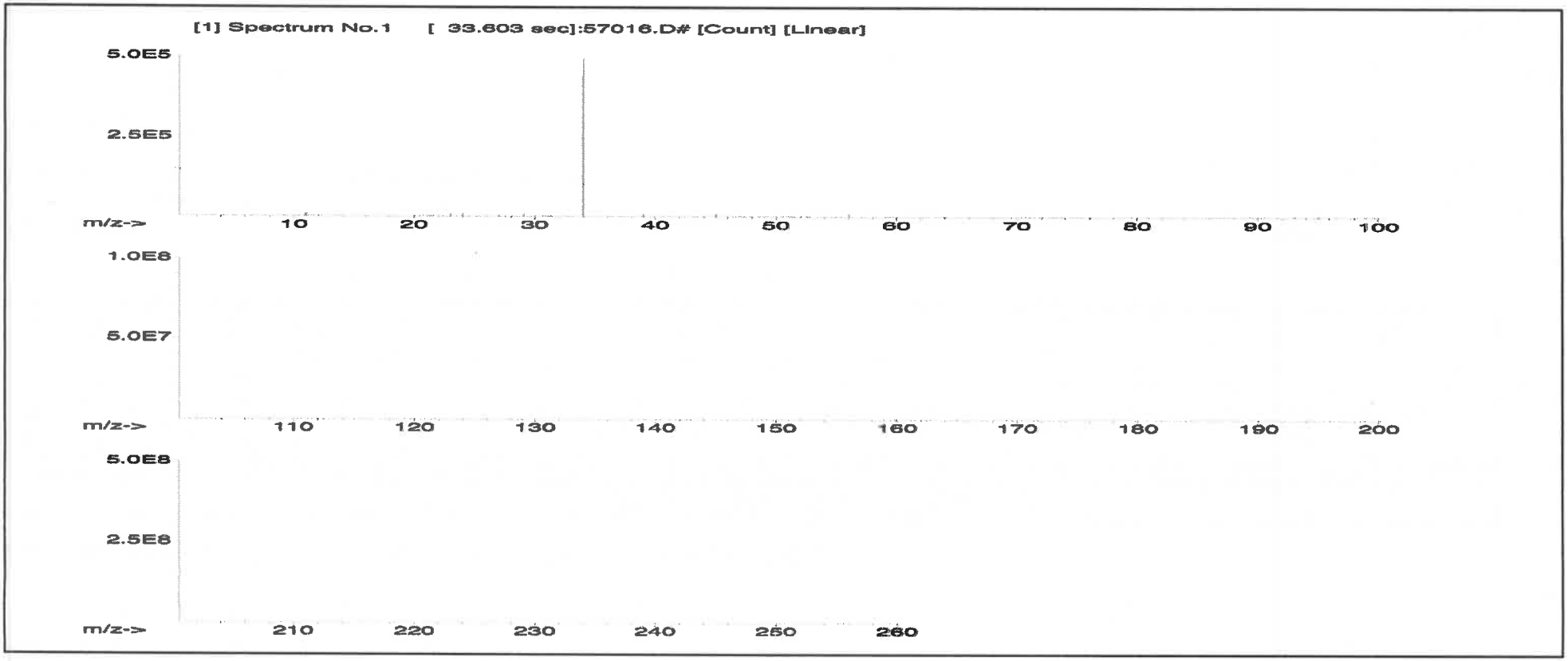
993

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



994

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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* 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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995

CERTIFIED WEIGHT REPORT:

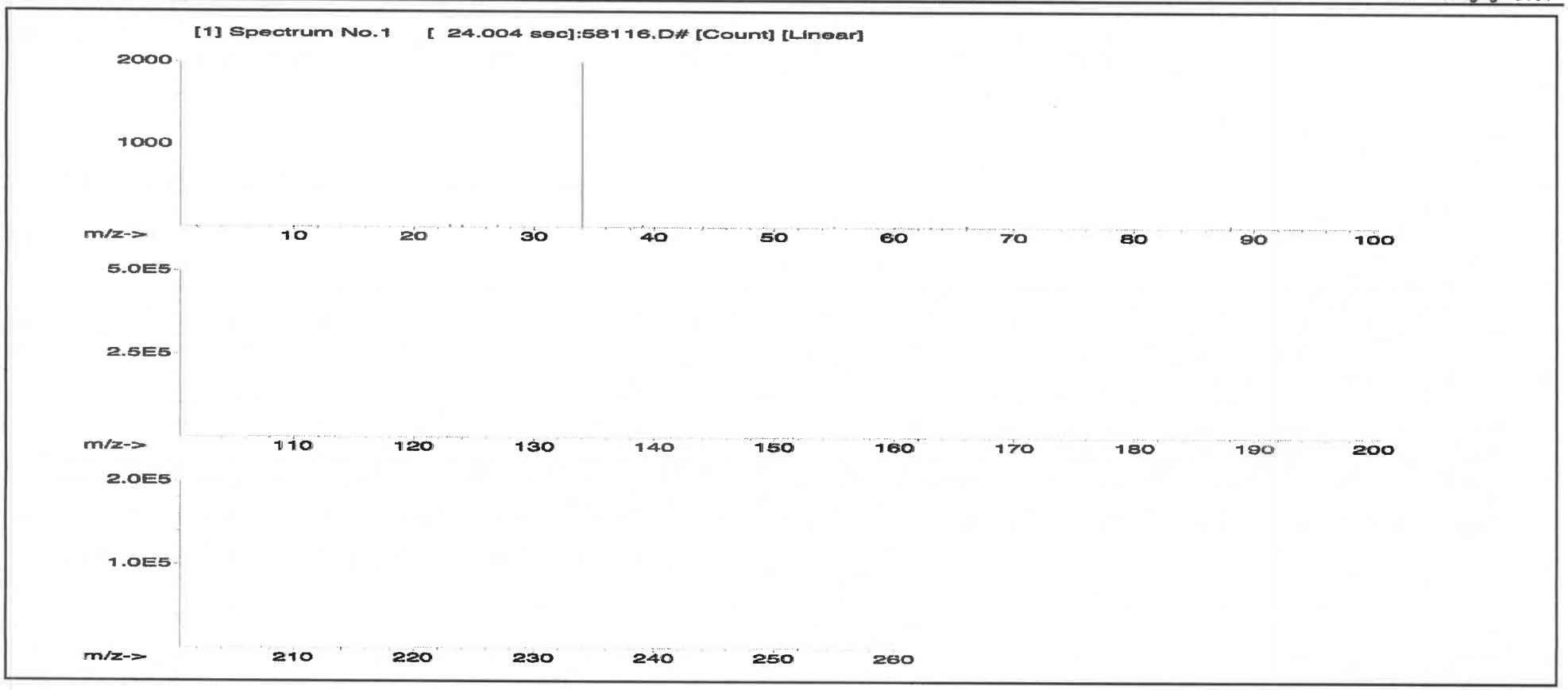
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



966

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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997

CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 1999.48 ± 0.058 Flask Uncertainty

Lot #

Solvent: 24002546 Nitric Acid

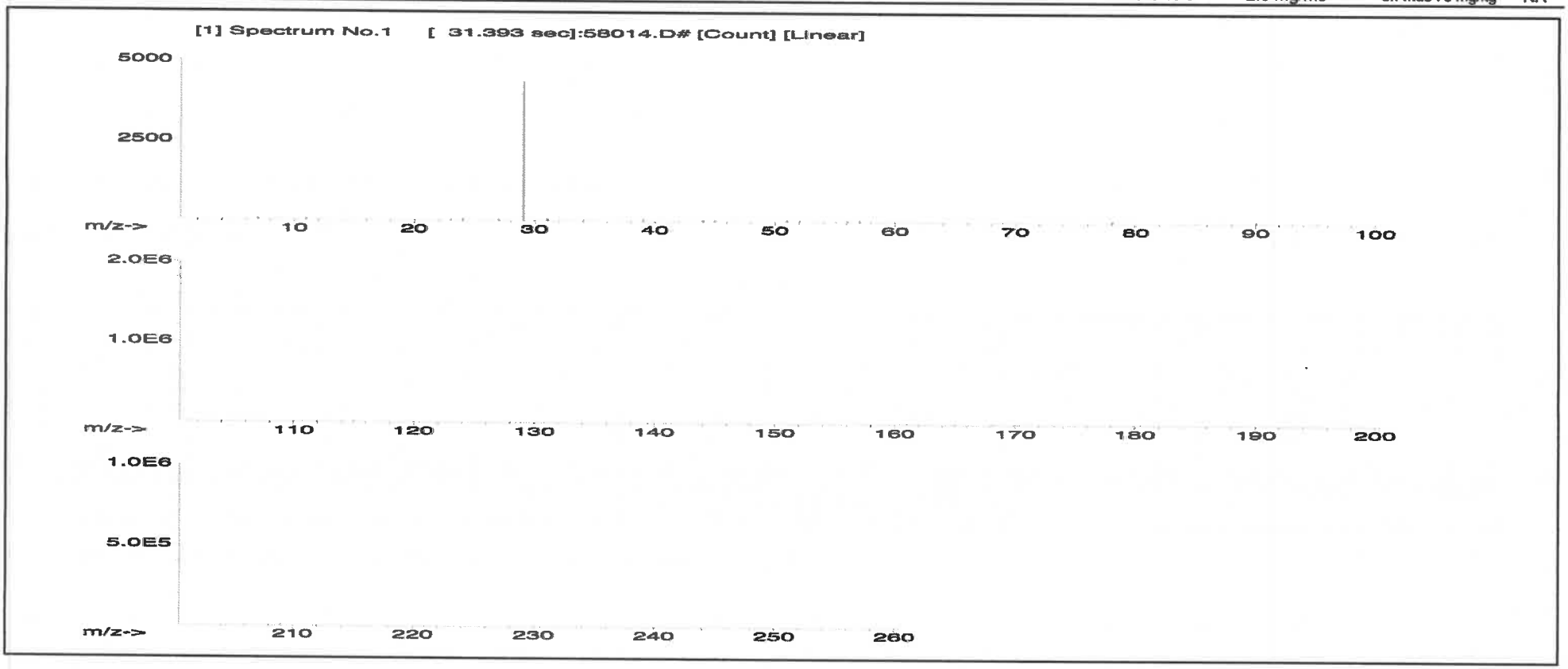
2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

Aleah O'Brady
Formulated By: Aleah O'Brady 122023

Pedro Rentas
Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



866

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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999

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

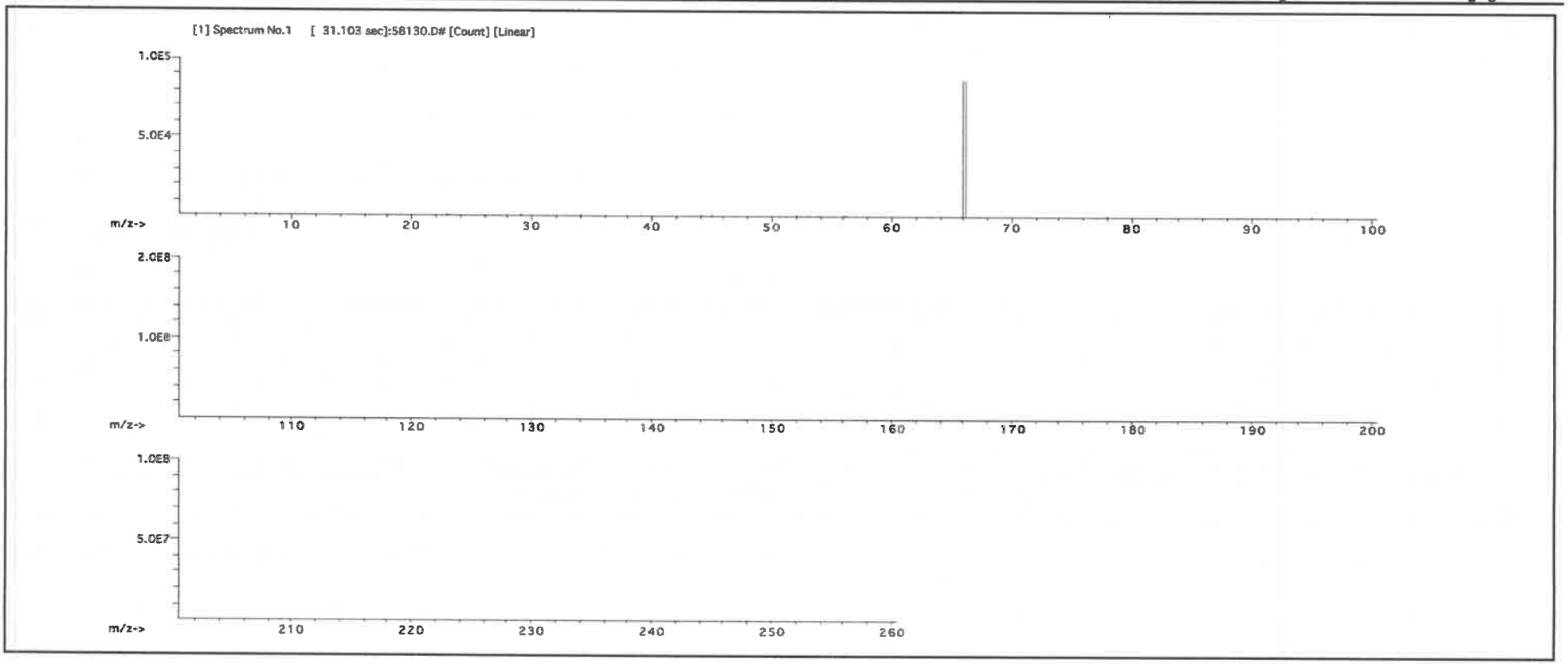
Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	60.0 (mL)	Nitric Acid
		5E-05	Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



1000

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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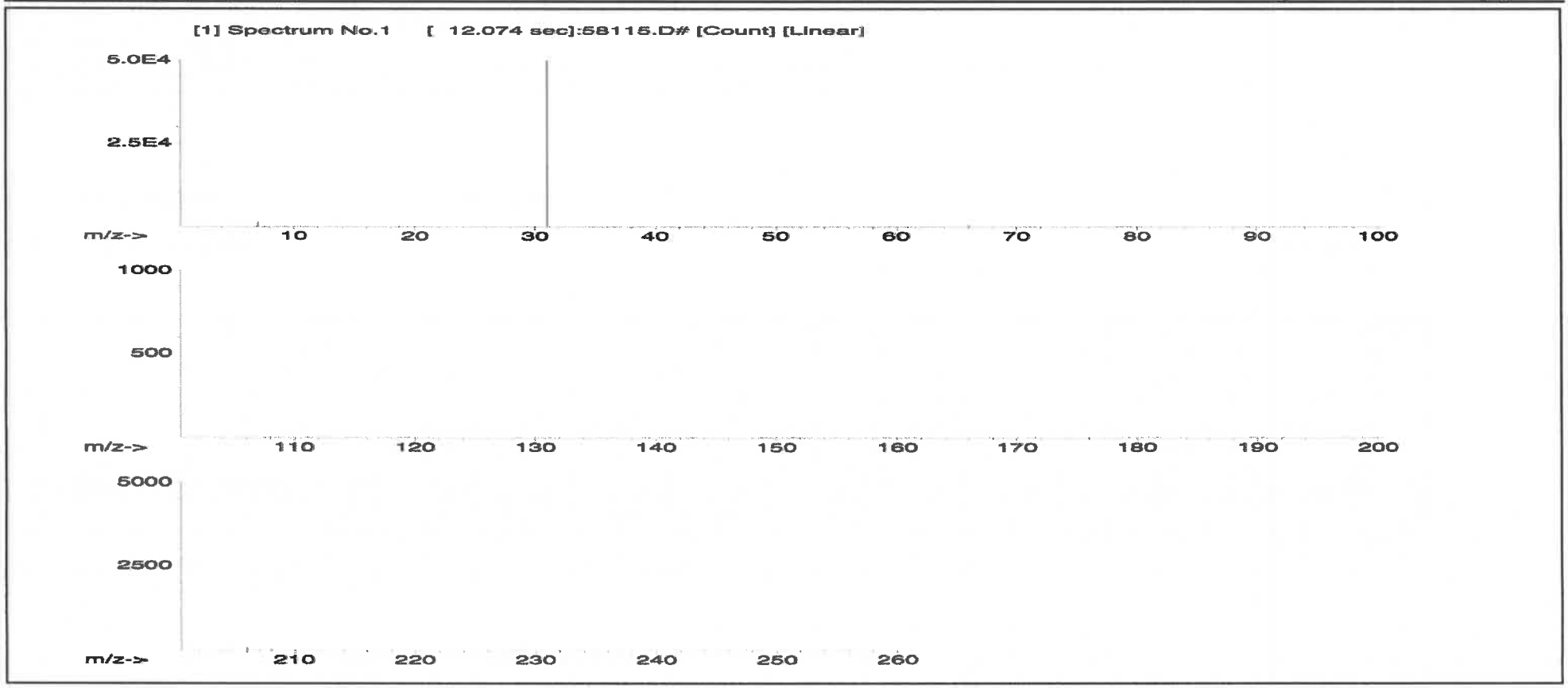
1001

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	rl-rat >2000mg/k	3186



1002

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).

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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

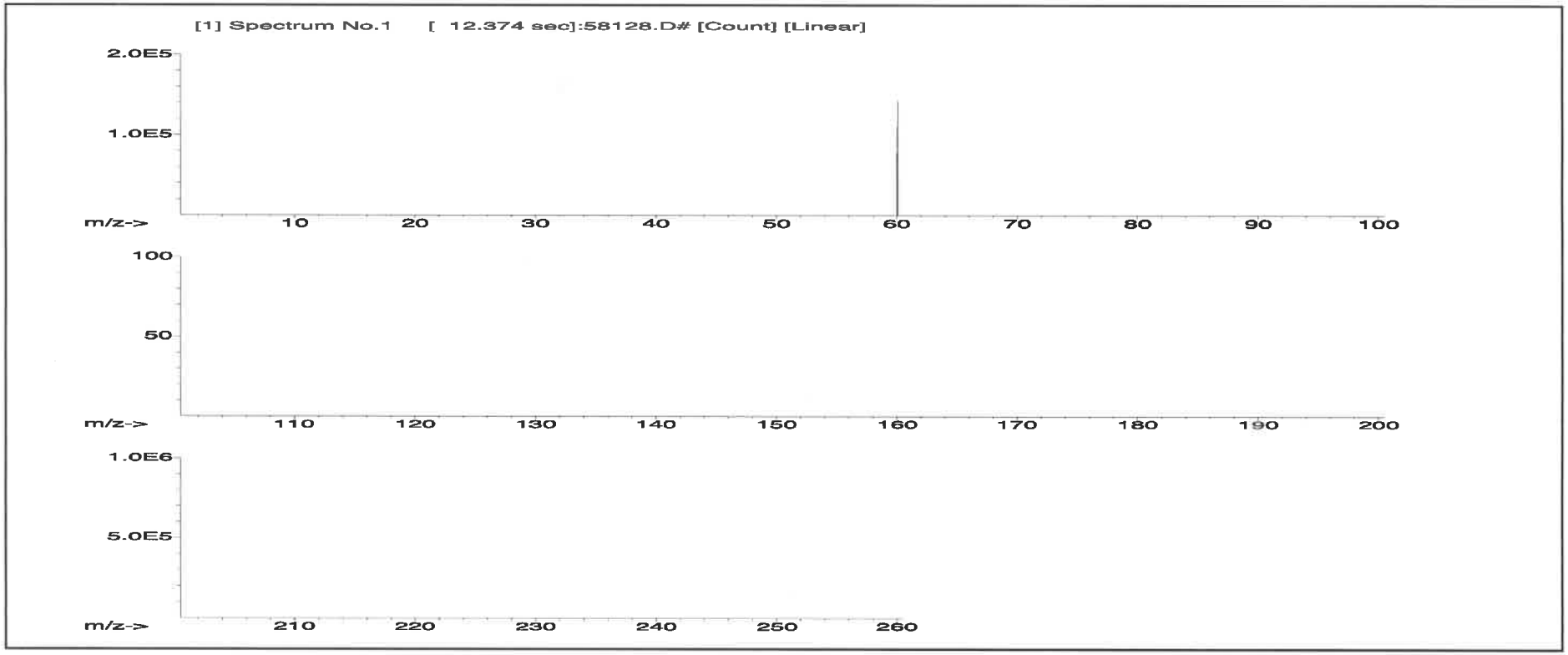
1003

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



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

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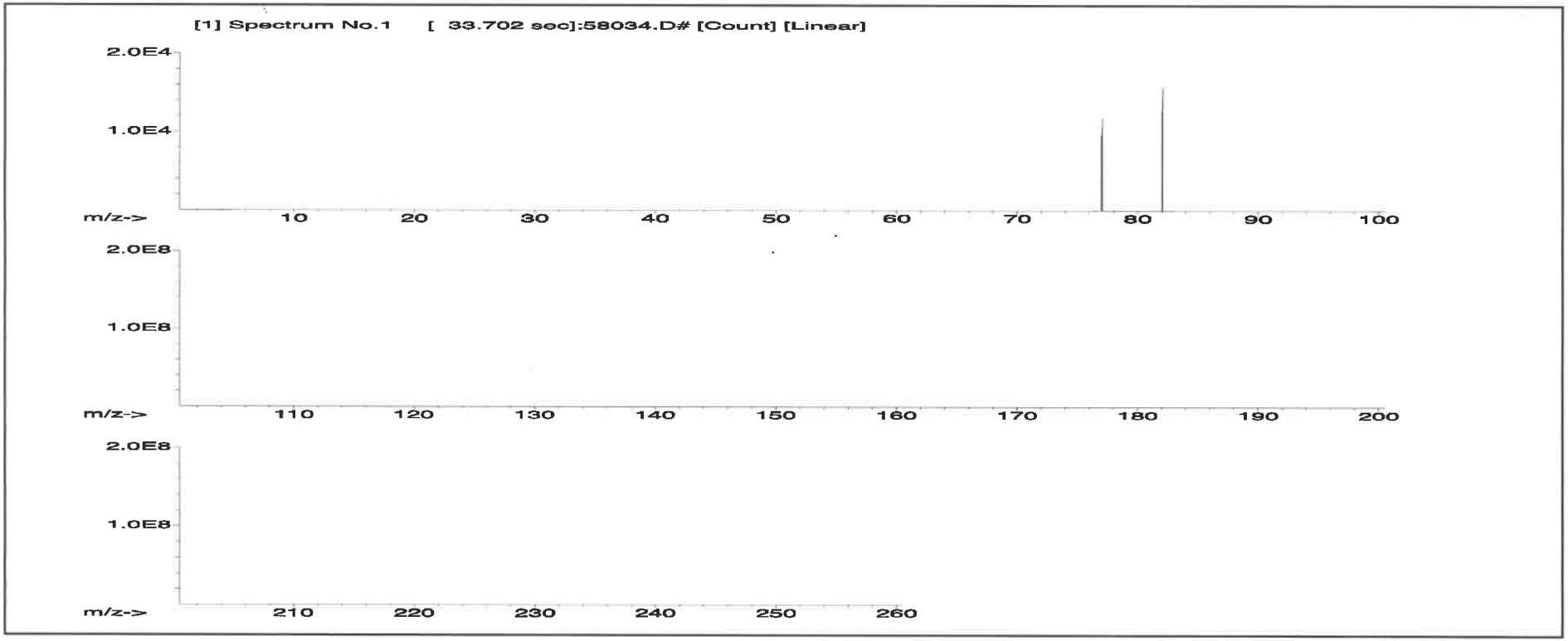
1005

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



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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	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.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	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

1007

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



1011

M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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

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Certified Reference Material CRM

H5981 R:6/11/24

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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	

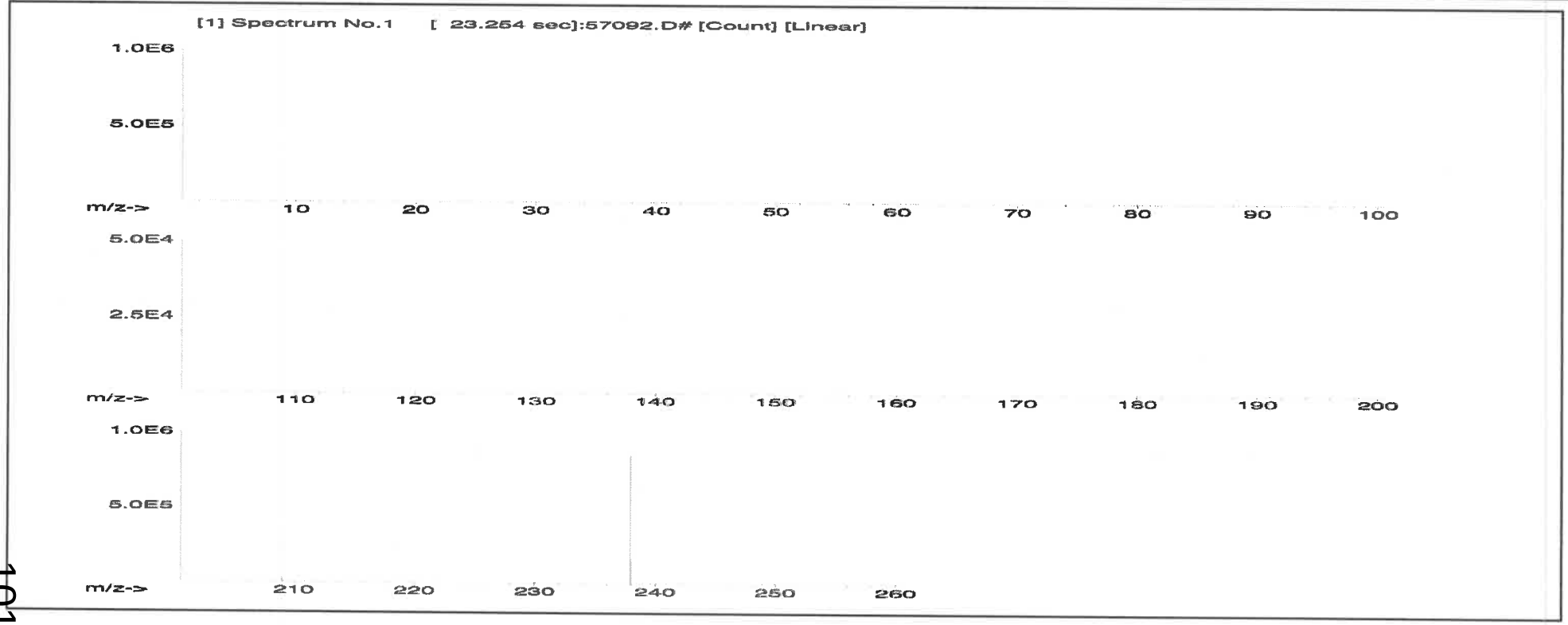
Giovanni Esposito

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



1015

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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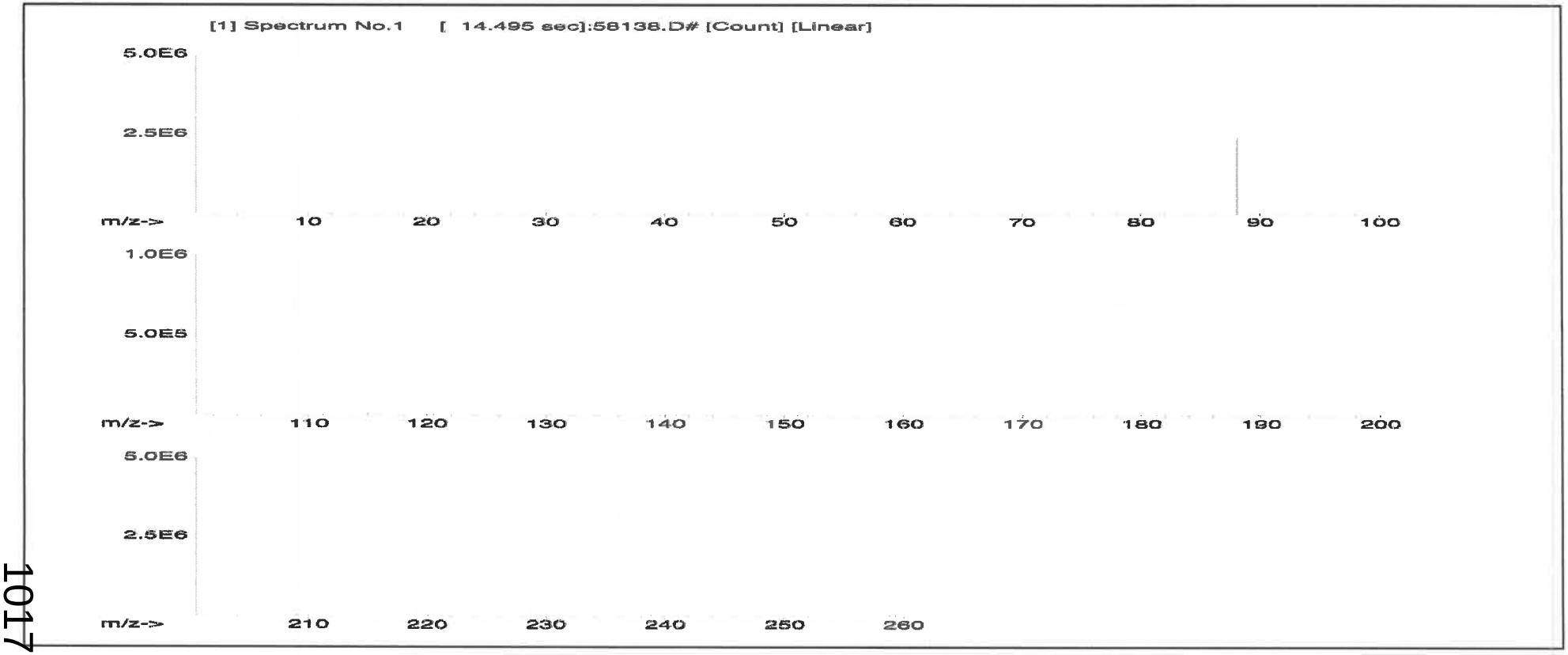
45982 R: 6/11/24

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



1017

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).

1018

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Certified Reference Material CRM

M5983 R: 6/11/24

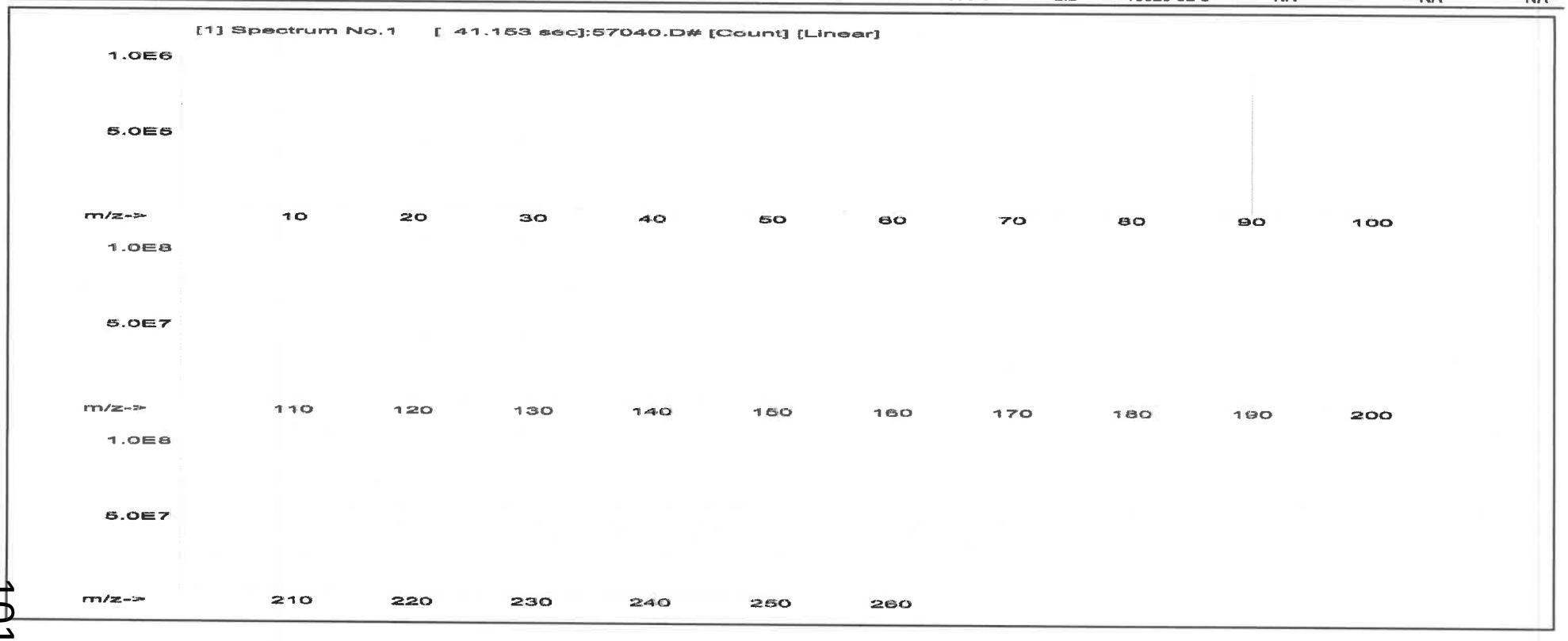
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CERTIFIED WEIGHT REPORT:

		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



1019

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 01/03/24 M6033

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1021

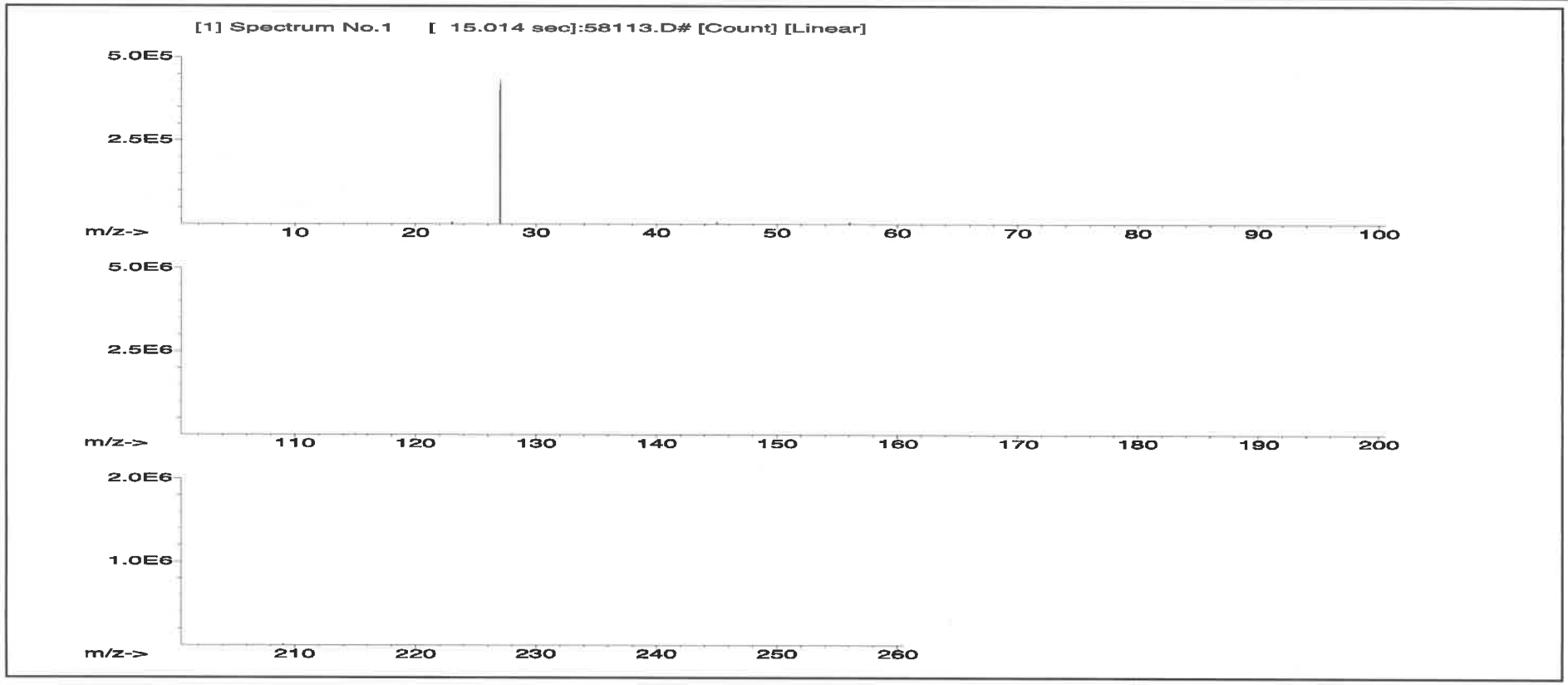
CERTIFIED WEIGHT REPORT:

Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

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

avantor™ | J.T.Baker®

Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

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Certificate of Analysis

R 8/19/24, M60055

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	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:

1028

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

1032

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 122223
Description: Sodium (Na)

Expiration Date: 122226
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 3000.4 ± 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

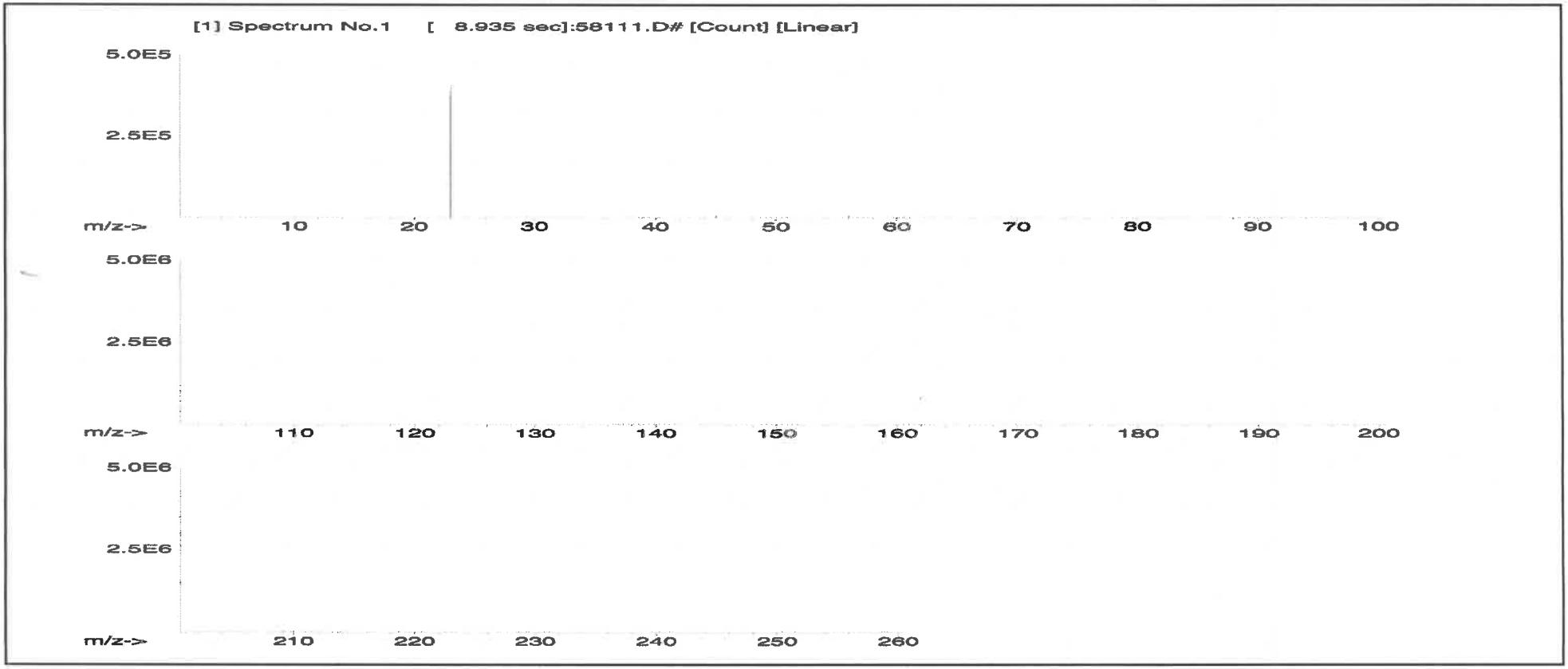
5E-05 Balance Uncertainty

Aleah O'Brady

Formulated By: Aleah O'Brady 122223

Reviewed By: Pedro L. Rentas 122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



1033

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01

ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	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:

1034

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
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(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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R: 01/03/24 M5802, M5803

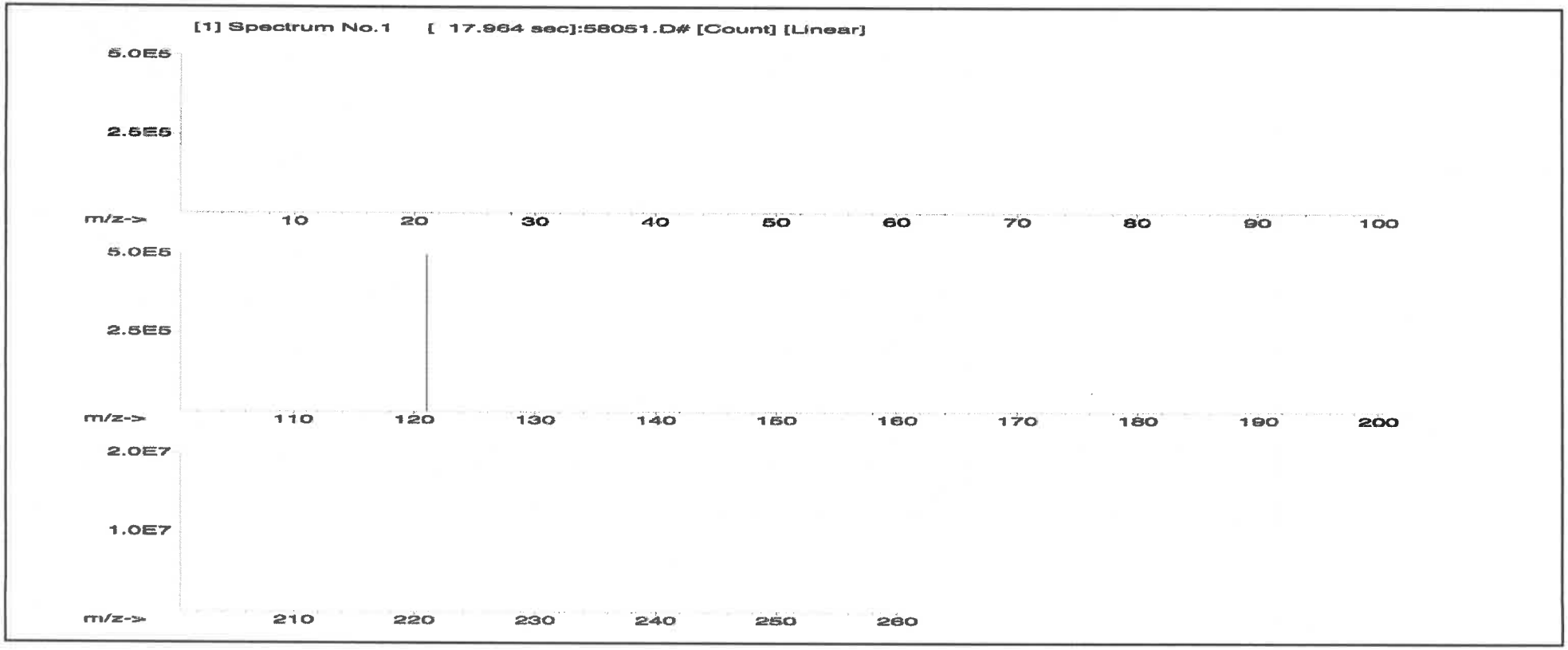
1042

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



10433

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M6030

R: 8/5/24

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1044

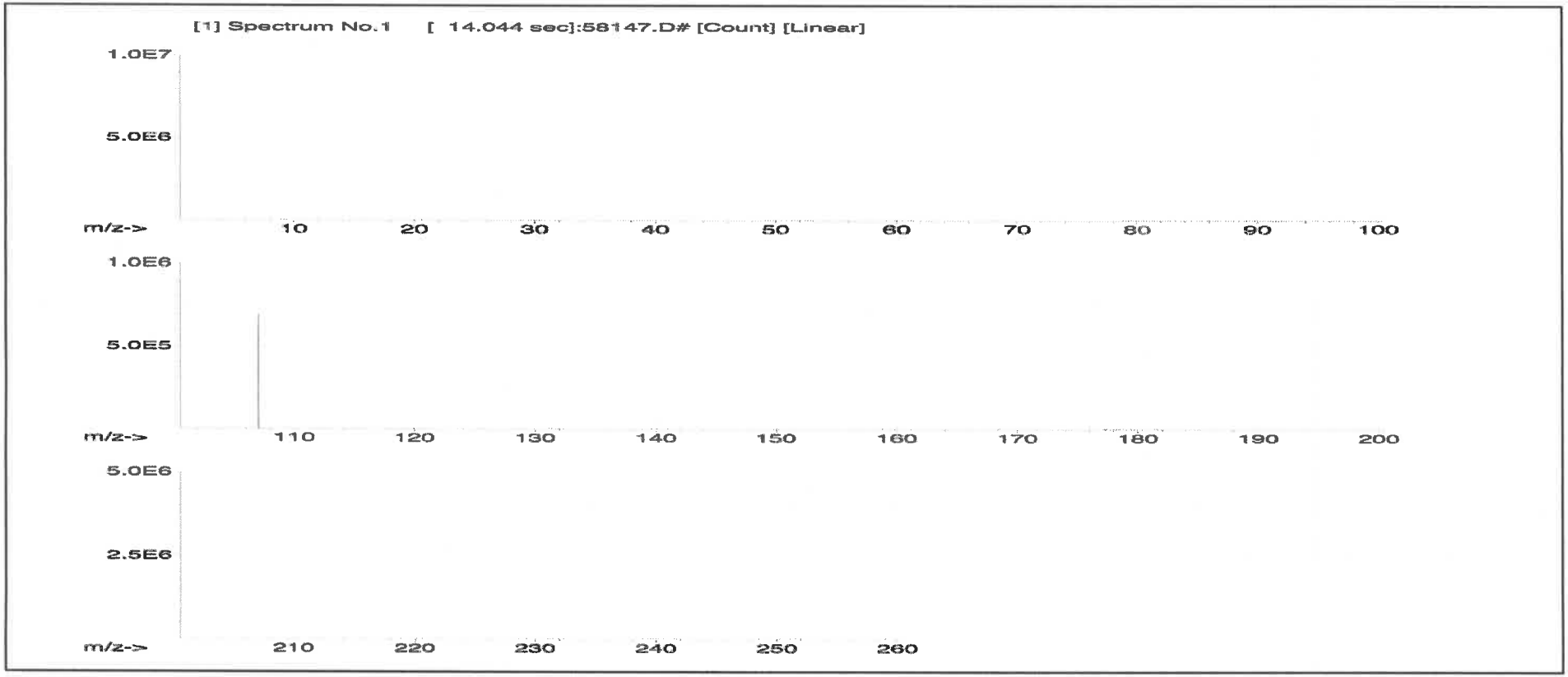
CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Solvent:**	24002546	Nitric Acid
Lot Number:	**122823**				
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		

Lot #

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



1045

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

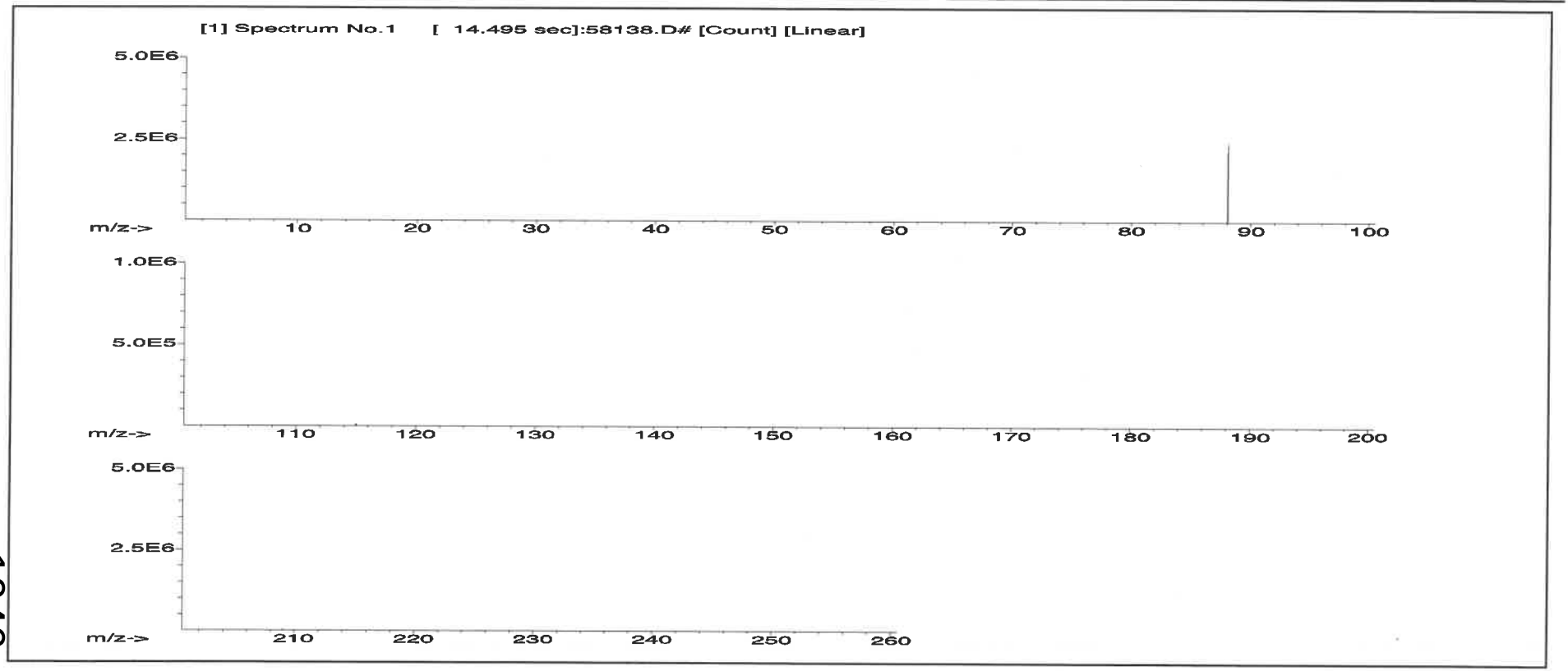
Part Number: 56138
Lot Number: 082922
Description: Strontium (Sr)
Expiration Date: 082925
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	20.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
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



1046

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* 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).

10047

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Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

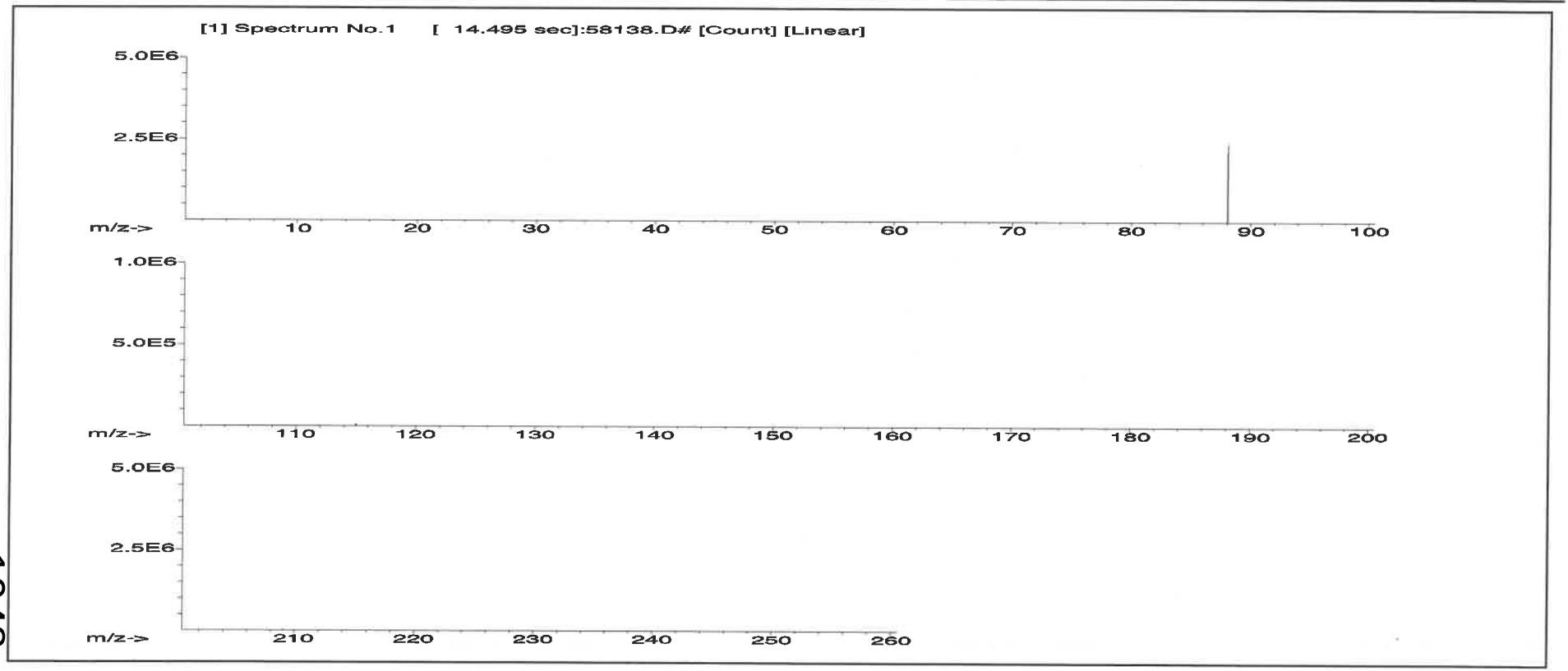
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AR-1539 Certificate Number
https://Absolutestandards.com

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



1048

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* 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).

1049

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R ! 8/5/24

M6023

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1050

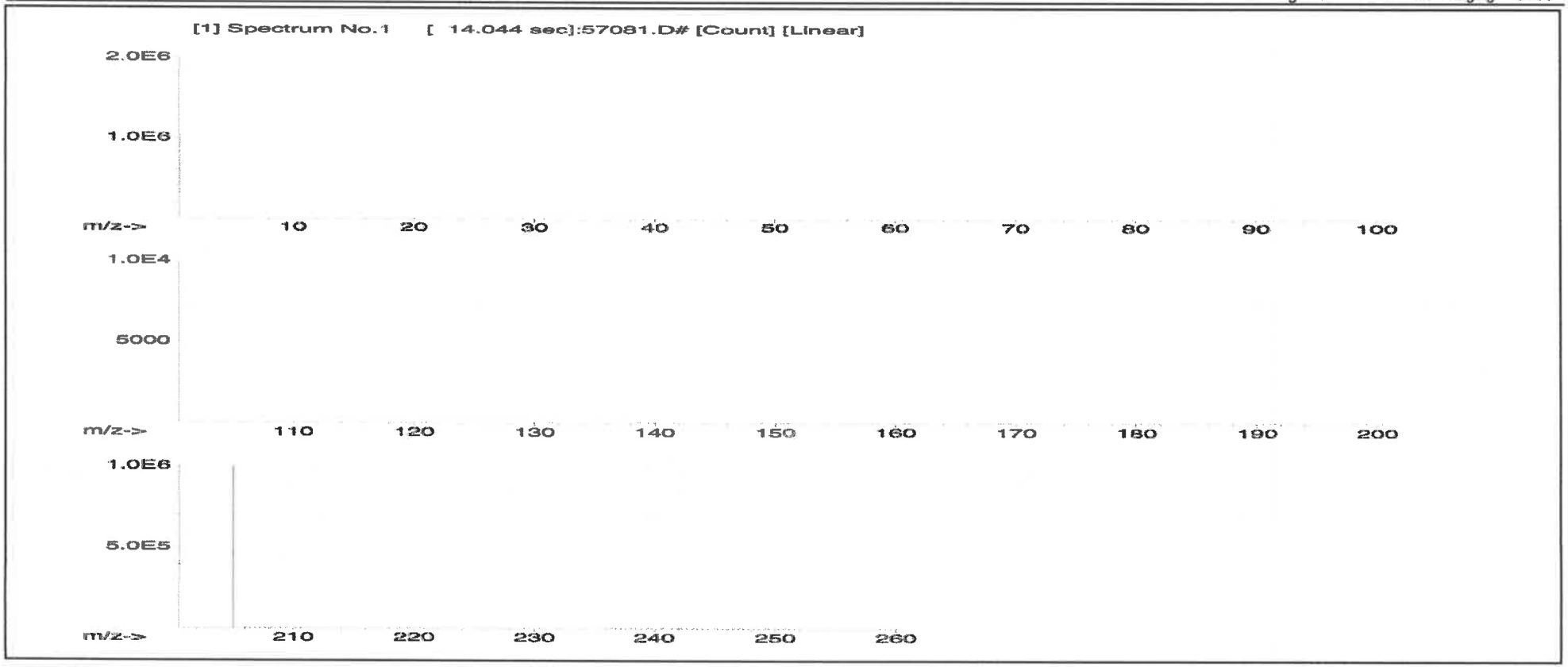
CERTIFIED WEIGHT REPORT:

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



1051

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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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M6021

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1052

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**			
Lot Number:	**062424**			
Description:	**Vanadium (V)**	24002546	Nitric Acid	
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

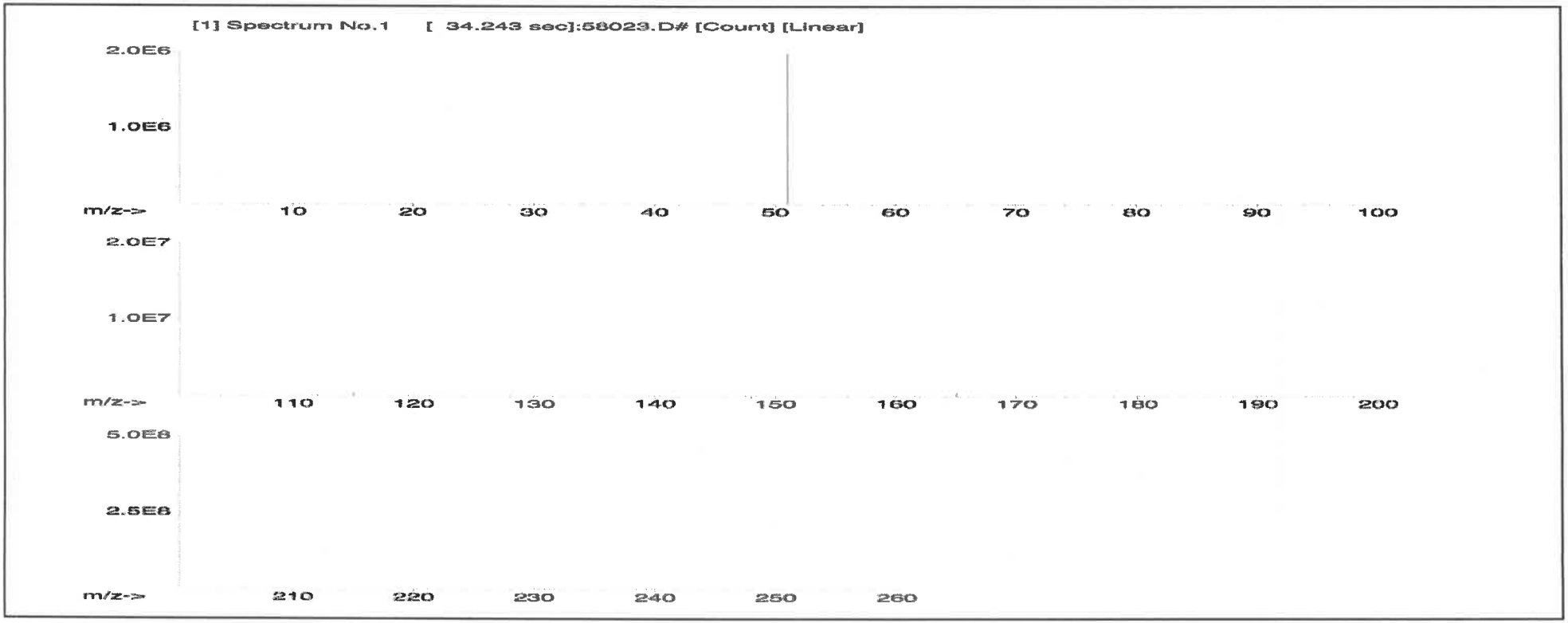
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



1053

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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* 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).

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163777

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD589

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: 09/28/2024 **Time :** 13:00 **Temp :** 97 °C

End Digest Date: 09/28/2024 **Time :** 16:00 **Temp :** 97 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #3

Dig Technician Signature: gsp

Supervisor Signature:

Temp : 1. 97°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82583
LCSSD	0.50ml	MP82583
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00ml	MP81119
1:1 HCL	5.00ml	MP82127
CONC: HNO3	5.00ml	M6037
30% H2O2	3.00ml	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #3 CELL #34 : 97 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/28/24 16:10	gsp/Met dig	
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163777

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P2818-01	MYD581	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	1
P2818-01MS	MYD581MS RE JSP 9/28/21	N/A	1.17	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	2
~~P2818-01MSD~~	~~MYD581MSD~~ JSP 9/28/21	~~N/A~~	~~N/A~~	~~N/A~~	~~Brown~~	~~Yellow~~	~~Medium~~	~~N/A~~	~~N/A~~	N/A
P2818-02	MYD581D	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	4
P2818-03	MYD581S	N/A	1.19	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	5
P2818-04	MYD589	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	6
P2818-05	MYD590	N/A	1.25	500	Brown	Yellow	Medium	N/A	N/A	7
P2818-06	MYD591	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	8
P2818-07	MYD592	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	9
P2818-08	MYD593	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	10
P2818-09	MYD594	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	11
P2818-10	MYD595	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	12
P2818-11	MYD596	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	13
P2818-12	MYD597	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	14
P2818-13	MYD598	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	15
P2818-14	MYD5A0	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	16
P2818-15	MYD5A1	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	17
P2818-16	MYD5A2	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	18
P2818-17	MYD5A3	N/A	1.49	500	Brown	Yellow	Medium	N/A	N/A	19
P2818-18	MYD5A4	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	20
P2818-19	MYD5A5	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	21
P2818-20	MYD5A6	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	22
P2818-21	MYD5A7	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	23
P2818-22	MYD5A8	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	24
PB163777BL	PBS777	N/A	1.00	500	Colorless	Colorless	Fine	N/A	N/A	25
PB163777BS	LCS777	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	26
PB163777BSD	LCSD777	N/A	1.00	500	Colorless	Colorless	Fine	N/A	MP82583	27

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 # LB132905

Review By	Sarabjit Jaswal	Review On	10/18/2024 8:05:15 AM
Supervise By	Mohan Bera	Supervise On	10/18/2024 8:05:55 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	MP82583
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE001	TUNE	10/11/24 16:07		Jaswal	OK
2	S00	S0	CAL1	10/11/24 16:24		Jaswal	OK
3	S02	S02	CAL3	10/11/24 16:28		Jaswal	OK
4	S03	S03	CAL4	10/11/24 16:31		Jaswal	OK
5	S04	S04	CAL5	10/11/24 16:34		Jaswal	OK
6	S05	S05	CAL6	10/11/24 16:37		Jaswal	OK
7	S06	S06	CAL7	10/11/24 16:40		Jaswal	OK
8	S07	S07	CAL8	10/11/24 16:43		Jaswal	OK
9	S08	S08	CAL9	10/11/24 16:46		Jaswal	OK
10	ICV001	ICV001	ICV	10/11/24 17:29	Inst. paused for calibration review	Jaswal	OK
11	ICB001	ICB001	ICB	10/11/24 17:33		Jaswal	OK
12	ICSA001	ICSA001	ICSA	10/11/24 17:38		Jaswal	OK
13	ICSAB001	ICSAB001	ICSAB	10/11/24 17:53	Inst. paused for review	Jaswal	OK
14	CCV001	CCV001	CCV	10/11/24 17:56		Jaswal	OK
15	CCB001	CCB001	CCB	10/11/24 17:59		Jaswal	OK
16	P2814-01	MYD4H3	SAM	10/11/24 19:00	Dup fail for many parameter	Jaswal	Not Ok
17	P2814-02	MYD4H3D	DUP	10/11/24 19:04	Dup fail for many parameter	Jaswal	Not 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 # LB132905

Review By	Sarabjit Jaswal	Review On	10/18/2024 8:05:15 AM
Supervise By	Mohan Bera	Supervise On	10/18/2024 8:05:55 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	MP82583
Chk Standard	MP82587,MP82586

18	P2814-01L	MYD4H3L	SD	10/11/24 19:07	Dup fail for many parameter	Jaswal	Not Ok
19	P2814-03	MYD4H3S	MS	10/11/24 19:10	Dup fail for many parameter	Jaswal	Not Ok
20	P2814-01MS	MYD4H3SRE	MS	10/11/24 19:13	Dup fail for many parameter	Jaswal	Not Ok
21	P2814-01DL	MYD4H3	SAM	10/11/24 19:16	Dup fail for many parameter	Jaswal	Not Ok
22	P2814-02DL	MYD4H3D	DUP	10/11/24 19:20	Dup fail for many parameter	Jaswal	Not Ok
23	P2814-01LDL	MYD4H3L	SD	10/11/24 19:23	Dup fail for many parameter	Jaswal	Not Ok
24	P2814-03DL	MYD4H3S	MS	10/11/24 19:26	Dup fail for many parameter	Jaswal	Not Ok
25	P2814-01MSDL	MYD4H3SRE	MS	10/11/24 19:30	Dup fail for many parameter	Jaswal	Not Ok
26	CCV002	CCV002	CCV	10/11/24 19:33		Jaswal	OK
27	CCB002	CCB002	CCB	10/11/24 19:36		Jaswal	OK
28	PB163773BL	PBS773	MB	10/11/24 19:39		Jaswal	OK
29	PB163773BS	LCS773	LCS	10/11/24 19:43		Jaswal	OK
30	PB163773BSD	LCSD773	LCSD	10/11/24 19:46		Jaswal	OK
31	PB163777BL	PBS777	MB	10/11/24 19:49		Jaswal	OK
32	PB163777BS	LCS777	LCS	10/11/24 19:53		Jaswal	OK
33	PB163777BSD	LCSD777	LCSD	10/11/24 19:56		Jaswal	OK
34	P2814-04	MYD507	SAM	10/11/24 19:59		Jaswal	OK
35	P2814-05	MYD508	SAM	10/11/24 20:03		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132905

Review By	Sarabjit Jaswal	Review On	10/18/2024 8:05:15 AM
Supervise By	Mohan Bera	Supervise On	10/18/2024 8:05:55 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	MP82583
Chk Standard	MP82587,MP82586

36	P2814-06	MYD509	SAM	10/11/24 20:06		Jaswal	OK
37	P2814-07	MYD510	SAM	10/11/24 20:09		Jaswal	OK
38	P2814-08	MYD511	SAM	10/11/24 20:12		Jaswal	OK
39	P2814-09	MYD512	SAM	10/11/24 20:16		Jaswal	OK
40	P2814-10	MYD513	SAM	10/11/24 20:19		Jaswal	OK
41	P2814-11	MYD514	SAM	10/11/24 20:22		Jaswal	OK
42	P2814-12	MYD515	SAM	10/11/24 20:25		Jaswal	OK
43	P2814-13	MYD516	SAM	10/11/24 20:29		Jaswal	OK
44	P2814-14	MYD517	SAM	10/11/24 20:32		Jaswal	OK
45	P2814-15	MYD518	SAM	10/11/24 20:35		Jaswal	OK
46	P2814-16	MYD519	SAM	10/11/24 20:38		Jaswal	OK
47	P2814-17	MYD520	SAM	10/11/24 20:42		Jaswal	OK
48	P2814-18	MYD521	SAM	10/11/24 20:45		Jaswal	OK
49	P2814-19	MYD522	SAM	10/11/24 20:48		Jaswal	OK
50	P2814-20	MYD523	SAM	10/11/24 20:51		Jaswal	OK
51	P2814-21	MYD524	SAM	10/11/24 20:55		Jaswal	OK
52	P2814-22	MYD525	SAM	10/11/24 20:58		Jaswal	OK
53	CCV003	CCV003	CCV	10/11/24 21:01		Jaswal	OK
54	CCB003	CCB003	CCB	10/11/24 21:04		Jaswal	OK
55	P2818-01	MYD581	SAM	10/11/24 21:07	Ba,Co,Ni, V high in MS	Jaswal	Dilution

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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	MP82583
Chk Standard	MP82587,MP82586

56	P2818-02	MYD581D	DUP	10/11/24 21:11	Ba,Co,Ni, V high in MS	Jaswal	Dilution
57	P2818-01L	MYD581L	SD	10/11/24 21:14	Ba,Co,Ni, V high in MS	Jaswal	Dilution
58	P2818-03	MYD581S	MS	10/11/24 21:17	Ba,Co,Ni, V high in MS	Jaswal	Dilution
59	P2818-01MS	MYD581SRE	MS	10/11/24 21:20	Ba,Co,Ni, V high	Jaswal	Dilution
60	P2818-01DL	MYD581	SAM	10/11/24 21:23	4X for Ba,Co,Ni, V	Jaswal	Confirms
61	P2818-02DL	MYD581D	DUP	10/11/24 21:27	4X for Ba,Co,Ni, V	Jaswal	Confirms
62	P2818-01LDL	MYD581L	SD	10/11/24 21:30	20X for Ba,Co,Ni, V	Jaswal	Confirms
63	P2818-03DL	MYD581S	MS	10/11/24 21:33	4X for Ba,Co,Ni, V	Jaswal	Confirms
64	P2818-01MSDL	MYD581SRE	MS	10/11/24 21:37	4X for Ba,Co,Ni, V	Jaswal	Confirms
65	P2818-04	MYD589	SAM	10/11/24 21:40		Jaswal	OK
66	P2818-05	MYD590	SAM	10/11/24 21:43		Jaswal	OK
67	P2818-06	MYD591	SAM	10/11/24 21:46		Jaswal	OK
68	P2818-07	MYD592	SAM	10/11/24 21:50		Jaswal	OK
69	P2818-08	MYD593	SAM	10/11/24 21:53		Jaswal	OK
70	P2818-09	MYD594	SAM	10/11/24 21:56		Jaswal	OK
71	P2818-10	MYD595	SAM	10/11/24 21:59		Jaswal	OK
72	P2818-11	MYD596	SAM	10/11/24 22:03		Jaswal	OK
73	P2818-12	MYD597	SAM	10/11/24 22:06		Jaswal	OK
74	P2818-13	MYD598	SAM	10/11/24 22:09		Jaswal	OK
75	P2818-14	MYD5A0	SAM	10/11/24 22:12		Jaswal	OK

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Supervise By	Mohan Bera	Supervise On	10/18/2024 8:05:55 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	MP82583
Chk Standard	MP82587,MP82586

76	P2818-15	MYD5A1	SAM	10/11/24 22:16		Jaswal	OK
77	P2818-16	MYD5A2	SAM	10/11/24 22:19		Jaswal	OK
78	P2818-17	MYD5A3	SAM	10/11/24 22:22		Jaswal	OK
79	P2818-18	MYD5A4	SAM	10/11/24 22:25		Jaswal	OK
80	CCV004	CCV004	CCV	10/11/24 22:29		Jaswal	OK
81	CCB004	CCB004	CCB	10/11/24 22:32		Jaswal	OK
82	P2818-19	MYD5A5	SAM	10/11/24 22:35		Jaswal	OK
83	P2818-20	MYD5A6	SAM	10/11/24 22:38		Jaswal	OK
84	P2818-21	MYD5A7	SAM	10/11/24 22:41		Jaswal	OK
85	P2818-22	MYD5A8	SAM	10/11/24 22:45		Jaswal	OK
86	CCV005	CCV005	CCV	10/11/24 22:48		Jaswal	OK
87	CCB005	CCB005	CCB	10/11/24 22:51		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132992

Review By	Sarabjit Jaswal	Review On	10/18/2024 5:04:25 AM
Supervise By	Mohan Bera	Supervise On	10/18/2024 5:05:15 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	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE024	TUNE	10/17/24 10:45		Jaswal	OK
2	S00	S0	CAL1	10/17/24 16:19		Jaswal	OK
3	S02	S02	CAL3	10/17/24 16:23		Jaswal	OK
4	S03	S03	CAL4	10/17/24 16:26		Jaswal	OK
5	S04	S04	CAL5	10/17/24 16:29		Jaswal	OK
6	S05	S05	CAL6	10/17/24 16:33		Jaswal	OK
7	S06	S06	CAL7	10/17/24 16:36		Jaswal	OK
8	S07	S07	CAL8	10/17/24 16:41		Jaswal	OK
9	S08	S08	CAL9	10/17/24 16:44		Jaswal	OK
10	ICV024	ICV024	ICV	10/17/24 17:03	Inst. paused for calibration review	Jaswal	OK
11	ICB024	ICB024	ICB	10/17/24 17:17	Inst. paused for review	Jaswal	OK
12	ICSA024	ICSA024	ICSA	10/17/24 17:20		Jaswal	OK
13	ICSAB024	ICSAB024	ICSAB	10/17/24 17:23		Jaswal	OK
14	CCV088	CCV088	CCV	10/17/24 18:04		Jaswal	OK
15	CCB088	CCB088	CCB	10/17/24 18:07		Jaswal	OK
16	P3847-02	PT-TM1-WP	SAM	10/17/24 18:25	Not use	Jaswal	Not Ok
17	P3847-04	PT-SNTI-WP	SAM	10/17/24 18:28	Not use	Jaswal	Not Ok
18	P3847-06	PT-MIN2-WP	SAM	10/17/24 18:32	Not use	Jaswal	Not Ok

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Supervise By	Mohan Bera	Supervise On	10/18/2024 5:05:15 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	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

19	P3846-02	PT-TM1-WP	SAM	10/17/24 18:35	Not use	Jaswal	Not Ok
20	P3846-03	PT-SNTI-WP	SAM	10/17/24 18:38	Not use	Jaswal	Not Ok
21	P3846-04	PT-SNTI-WP	SAM	10/17/24 18:41	Not use	Jaswal	Not Ok
22	P3847-02DL	PT-TM1-WP	SAM	10/17/24 18:45	Not use	Jaswal	Not Ok
23	P3847-04DL	PT-SNTI-WP	SAM	10/17/24 18:48	Not use	Jaswal	Not Ok
24	P3847-06DL	PT-MIN2-WP	SAM	10/17/24 18:51	Not use	Jaswal	Not Ok
25	CCV089	CCV089	CCV	10/17/24 18:55		Jaswal	OK
26	CCB089	CCB089	CCB	10/17/24 18:58		Jaswal	OK
27	P3846-02DL	PT-TM1-WP	SAM	10/17/24 19:01	Not use	Jaswal	Not Ok
28	P3846-04DL	PT-SNTI-WP	SAM	10/17/24 19:04	Not use	Jaswal	Not Ok
29	P3846-06DL	PT-MIN2-WP	SAM	10/17/24 19:08	Not use	Jaswal	Not Ok
30	PB164203BL	PBW203	MB	10/17/24 19:16	Not use	Jaswal	Not Ok
31	PB164203BS	LCS203	LCS	10/17/24 19:20	Not use	Jaswal	Not Ok
32	PB164204BL	PBW204	MB	10/17/24 19:22	Not use	Jaswal	Not Ok
33	PB164204BS	LCS204	LCS	10/17/24 19:26	Not use	Jaswal	Not Ok
34	CCV090	CCV090	CCV	10/17/24 19:29		Jaswal	OK
35	CCB090	CCB090	CCB	10/17/24 19:35	Inst. paused for review	Jaswal	OK
36	P4319-09	MC0C97	SAM	10/17/24 19:47		Jaswal	OK
37	PB163534BL	PBS534	MB	10/17/24 20:02		Jaswal	OK
38	PB163534BS	LCS534	LCS	10/17/24 20:05		Jaswal	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132992

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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	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

39	PB163534BSD	LCSD534	LCSD	10/17/24 20:09		Jaswal	OK
40	P2745-12	MYD3X2	SAM	10/17/24 20:16		Jaswal	OK
41	P2734-02ARE	MYD3S7ARE	PS	10/17/24 20:47	Not use	Jaswal	Not Ok
42	P2815-11A	MYD536ARE	PS	10/17/24 20:50	PS For Ag-0.02-MP82667-10 ml Sample	Jaswal	OK
43	P2734-02A	MYD3S7ARE	PS	10/17/24 20:54	PS For As,PB - 0.022-MP82592,0.007-MP 82593-10 ml Sample	Jaswal	OK
44	P2818-01A	MYD581ARE	PS	10/17/24 20:59	PS for Pb(0.053-MP82593)- 10 ml Sample	Jaswal	OK
45	CCV091	CCV091	CCV	10/17/24 21:05		Jaswal	OK
46	CCB091	CCB091	CCB	10/17/24 21:07		Jaswal	OK
47	P2829-08A	MYD5T9ARE	PS	10/17/24 21:11	PS For Pb (0.015-MP82593-10 ml Sample)	Jaswal	OK
48	P2832-01A	MYD5E3ARE	PS	10/17/24 21:15	PS For Pb (0.022-MP82593-10 ml Sample)	Jaswal	OK
49	P2835-21	MYD4C4	SAM	10/17/24 21:22		Jaswal	OK
50	P2835-22	MYD4C5	SAM	10/17/24 21:25		Jaswal	OK
51	P2814-01	MYD4H3	SAM	10/17/24 21:43	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
52	P2814-02	MYD4H3D	DUP	10/17/24 21:47	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
53	P2814-01L	MYD4H3L	SD	10/17/24 21:50	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
54	P2814-03	MYD4H3S	MS	10/17/24 21:53	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution

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ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

55	P2814-01MS	MYD4H3SRE	MS	10/17/24 21:57	Ba,Co,Ni,V High	Jaswal	Dilution
56	P2814-01DL	MYD4H3	SAM	10/17/24 22:00	4X for Ba,Co,Ni,V	Jaswal	Confirms
57	P2814-02DL	MYD4H3D	DUP	10/17/24 22:03	4X for Ba,Co,Ni,V	Jaswal	Confirms
58	P2814-01LDL	MYD4H3L	SD	10/17/24 22:06	20X for Ba,Co,Ni,V	Jaswal	Confirms
59	P2814-03DL	MYD4H3S	MS	10/17/24 22:10	4X for Ba,Co,Ni,V	Jaswal	Confirms
60	P2814-01MSDL	MYD4H3SRE	MS	10/17/24 22:13	4X for Ba,Co,Ni,V	Jaswal	Confirms
61	P2821-01DL	MYD4L1	SAM	10/17/24 22:16	4X for Ba,Co,Ni,V	Jaswal	Confirms
62	P2821-02DL	MYD4L1D	DUP	10/17/24 22:20	4X for Ba,Co,Ni,V	Jaswal	Confirms
63	P2821-01LDL	MYD4L1L	SD	10/17/24 22:23	20X for Ba,Co,Ni,V	Jaswal	Confirms
64	P2821-03DL	MYD4L1S	MS	10/17/24 22:27	4X for Ba,Co,Ni,V	Jaswal	Confirms
65	P2821-01MSDL	MYD4L1SRE	MS	10/17/24 22:30	4X for Ba,Co,Ni,V	Jaswal	Confirms
66	CCV092	CCV092	CCV	10/17/24 22:41		Jaswal	OK
67	CCB092	CCB092	CCB	10/17/24 22:48	Inst. paused for review	Jaswal	OK
68	P2816-01	MYD4J8	SAM	10/17/24 23:29	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
69	P2816-02	MYD4J8D	DUP	10/17/24 23:33	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
70	P2816-01L	MYD4J8L	SD	10/17/24 23:36	Ba,Co,Ni,V High in MSRE	Jaswal	Dilution
71	P2816-03	MYD4J8S	MS	10/17/24 23:39	Ba,Co,Ni,V High	Jaswal	Dilution
72	P2816-01MS	MYD4J8SRE	MS	10/17/24 23:42	MS Fail For As(69.61ppb), Ba,Co,Ni,V High	Jaswal	Dilution
73	P2816-01DL	MYD4J8	SAM	10/17/24 23:46	4X for Ba,Co,Ni,V	Jaswal	Confirms

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	MP82593
LCS Standard	
Chk Standard	MP82587,MP82586

74	P2816-02DL	MYD4J8D	DUP	10/17/24 23:49	4X for Ba,Co,Ni,V	Jaswal	Confirms
75	P2816-01LDL	MYD4J8L	SD	10/17/24 23:52	20X for Ba,Co,Ni,V	Jaswal	Confirms
76	P2816-03DL	MYD4J8S	MS	10/17/24 23:58	4X for Ba,Co,Ni,V	Jaswal	Confirms
77	P2816-01MSDL	MYD4J8SRE	MS	10/18/24 00:01	4X for Ba,Co,Ni,V	Jaswal	Confirms
78	CCV093	CCV093	CCV	10/18/24 00:08		Jaswal	OK
79	CCB093	CCB093	CCB	10/18/24 00:11		Jaswal	OK

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PRESCOTT, AZ 85284
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SHIP DATE: 07JUN24
ACTWGT: 25.00 LB
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TO **SOHIL JODHANI**
ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST
MOUNTAINSIDE NJ 07092
(908) 789-8900
INV:
PO:
REF: W3150.1.043.09MX.A.K0P551.0700
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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 :	P2818	Order Date :	6/10/2024 8:54:00 AM	Project Mgr :	Deepak
Client :	USEPA CLP SMO	Project :	51495	Report Type :	USEPA CLP
Contact :	Anita Kapadia	Receive Date :	6/10/2024 8:54:00 AM	EDD Type :	EPA CLP
Date Sign Off :	6/11/2024 8:31:31 AM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P2818-01	MYD581	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-02	MYD581D	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-03	MYD581S	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-04	MYD589	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-05	MYD590	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-06	MYD591	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-07	MYD592	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL		SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-08	MYD593	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024

				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-09	MYD594	Solid	06/05/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-10	MYD595	Solid	06/05/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-11	MYD596	Solid	06/05/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-12	MYD597	Solid	06/05/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-13	MYD598	Solid	06/05/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-14	MYD5A0	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-15	MYD5A1	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-16	MYD5A2	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-17	MYD5A3	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-18	MYD5A4	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024

				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-19	MYD5A5	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-20	MYD5A6	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-21	MYD5A7	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2818-22	MYD5A8	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Metals CLP MS FULL	SFAM_MS	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163777 **WorkList ID :** 183928 **Department :** Digestion **Date :** 09-28-2024 10:32:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2818-01	MYD581	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-02	MYD581D	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-03	MYD581S	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-04	MYD589	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-05	MYD590	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-06	MYD591	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-07	MYD592	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-08	MYD593	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-09	MYD594	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-10	MYD595	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-11	MYD596	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-12	MYD597	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-13	MYD598	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2818-14	MYD5A0	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2818-15	MYD5A1	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2818-16	MYD5A2	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2818-17	MYD5A3	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2818-18	MYD5A4	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2818-19	MYD5A5	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2818-20	MYD5A6	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS
P2818-21	MYD5A7	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS

1071

Date/Time 9/28/24 11:00

Raw Sample Received by: jepp (Met dig)

Raw Sample Relinquished by: jepp (Met dig)

Date/Time 9/28/24 14:00

Raw Sample Received by: jepp (Met dig)

Raw Sample Relinquished by: jepp (Met dig)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163777 **WorkList ID :** 183928 **Department :** Digestion **Date :** 09-28-2024 10:32:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2818-22	MYD5A8	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/06/2024	SFAM_MS

1074

Date/Time 9/28/24 11:00

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: jgp (Met dig)

Date/Time 9/28/24 14:00

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: jgp (Met dig)