SDG COVER PAGE

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

Lab Code: ACE Case No.: 51495 MA No.: 3221.2 SDG No.: MYD568

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYD567	P2817-01		X		
MYD568	P2817-02		X		
MYD569	P2817-03		X		
MYD570	P2817-04		X		
MYD570D	P2817-05		X		
MYD570S	P2817-06		X		
MYD571	P2817-07		X		
MYD572	P2817-08		X		
MYD574	P2817-09		X		
MYD575	P2817-10		X		
MYD576	P2817-11		X		
MYD577	P2817-12		X		
MYD578	P2817-13		X		
MYD579	P2817-14		X		
MYD580	P2817-15		X		
MYD582	P2817-16		X		
MYD583	P2817-17		X		
MYD584	P2817-18		X		
MYD585	P2817-19		X		
MYD586	P2817-20		X		
MYD587	P2817-21		X		
MYD588	P2817-22		X		

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

Signature: _____ Name: _____

Date: _____ Title: _____

USEPA CLP COC (LAB COPY)

DateShipped: 6/7/2024
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

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2119A_2119B-M-00003-01	MYD558	Soil/ REAC	Grab	ICP-AES 11(21)	9-3686 (None) (1)	2119A_2119B-M-00003	06/05/2024 08:08	
2119A_2119B-X-00009-01	MYD559	Soil/ REAC	Grab	ICP-AES 11(21)	9-3687 (None) (1)	2119A_2119B-X-00009	06/05/2024 08:09	
2119A_2119B-AA-00004-01	MYD560	Soil/ REAC	Grab	ICP-AES 11(21)	9-3688 (None) (1)	2119A_2119B-AA-00004	06/05/2024 13:26	
2119A_2119B-K-00005-01	MYD561	Soil/ REAC	Grab	ICP-AES 11(21)	9-3689 (None) (1)	2119A_2119B-K-00005	06/05/2024 07:53	
2119A_2119B-O-00002-01	MYD562	Soil/ ERT	Grab	ICP-AES 11(21)	9-3690 (None) (1)	2119A_2119B-O-00002	06/05/2024 08:42	
2119A_2119B-Y-00002-01	MYD563	Soil/ REAC	Grab	ICP-AES 11(21)	9-3691 (None) (1)	2119A_2119B-Y-00002	06/05/2024 10:23	
2119A_2119B-DD-00001-01	MYD564	Soil/ REAC	Grab	ICP-AES 11(21)	9-3692 (None) (1)	2119A_2119B-DD-00001	06/05/2024 11:25	
2119A_2119B-DD-00003-01	MYD565	Soil/ REAC	Grab	ICP-AES 11(21)	9-3693 (None) (1)	2119A_2119B-DD-00003	06/05/2024 11:22	
2119A_2119B-Z-00005-01	MYD566	Soil/ REAC	Grab	ICP-AES 11(21)	9-3694 (None) (1)	2119A_2119B-Z-00005	06/05/2024 11:18	
2119A_2119B-DD-00011-01	MYD567	Soil/ REAC	Grab	ICP-AES 11(21)	9-3695 (None) (1)	2119A_2119B-DD-00011	06/05/2024 11:18	1

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 Cifarro Weston	6/7/2024 15:00		6-10-24 0854	20.6°C Ice Gun #1
					custody seals intact
					No Temp Blk

2

68HERH20D0011

SDG # MYD567 & MYD568

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

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2119A_2119B-L-00001-01	MYD568	Soil/ REAC	Grab	ICP-AES 11(21)	9-3696 (None) (1)	2119A_2119B-L-00001	06/05/2024 08:10	2
2119A_2119B-L-00005-01	MYD569	Soil/ REAC	Grab	ICP-AES 11(21)	9-3697 (None) (1)	2119A_2119B-L-00005	06/05/2024 08:13	3
2119A_2119B-N-00009-03	MYD570	Soil/ REAC	Grab	ICP-AES 11(21)	9-3698 (None) (1)	2119A_2119B-N-00009	06/05/2024 08:14	4 - QC
2119A_2119B-L-00004-01	MYD571	Soil/ REAC	Grab	ICP-AES 11(21)	9-3699 (None) (1)	2119A_2119B-L-00004	06/05/2024 08:15	5
2119A_2119B-L-00002-01	MYD572	Soil/ REAC	Grab	ICP-AES 11(21)	9-3700 (None) (1)	2119A_2119B-L-00002	06/05/2024 08:16	6
2119A_2119B-L-00003-03	MYD573	Soil/ REAC	Grab	ICP-AES 11(21)	9-3701 (None) (1)	2119A_2119B-L-00003	06/05/2024 08:19	
2119A_2119B-L-00007-01	MYD574	Soil/ REAC	Grab	ICP-AES 11(21)	9-3702 (None) (1)	2119A_2119B-L-00007	06/05/2024 08:22	7
2119A_2119B-DD-00004-01	MYD575	Soil/ REAC	Grab	ICP-AES 11(21)	9-3703 (None) (1)	2119A_2119B-DD-00004	06/05/2024 11:20	8
2708-A-004-01	MYD576	Soil/ REAC	Grab	ICP-AES 11(21)	9-3704 (None) (1)	2708-A-004	06/05/2024 10:05	9
2708-A-002-01	MYD577	Soil/ REAC	Grab	ICP-AES 11(21)	9-3705 (None) (1)	2708-A-002	06/05/2024 10:06	10
2708-A-005-01	MYD578	Soil/ REAC	Grab	ICP-AES 11(21)	9-3706 (None) (1)	2708-A-005	06/05/2024 10:00	11
2708-A-001-01	MYD579	Soil/ REAC	Grab	ICP-AES 11(21)	9-3707 (None) (1)	2708-A-001	06/05/2024 09:58	12

Sample(s) to be used for Lab QC: 2119A_2119B-N-00009-03 Tag 9-3698, 2119A_2119B-L-00003-03 Tag 9-3701 - 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 Cuyamo Weston	6/7/2024 15:00		6-10-24 0854	20.6°C Thermometer #4
					Custody seals intact
					No Temp Blk.

3

68HERH20D0011

SDG # MYD567 & MYD568

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

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	13
2753-C-0002-03	MYD581	Soil/ REAC	Grab	ICP-AES 11(21)	9-3709 (None) (1)	2753-C-0002	06/05/2024 09:15	4
2753-A-0002-01	MYD582	Soil/ REAC	Grab	ICP-AES 11(21)	9-3710 (None) (1)	2753-A-0002	06/05/2024 08:53	14
2753-B-0006-01	MYD583	Soil/ REAC	Grab	ICP-AES 11(21)	9-3711 (None) (1)	2753-B-0006	06/05/2024 08:58	15
2753-B-0003-01	MYD584	Soil/ REAC	Grab	ICP-AES 11(21)	9-3712 (None) (1)	2753-B-0003	06/05/2024 09:00	16
2753-B-0001-01	MYD585	Soil/ REAC	Grab	ICP-AES 11(21)	9-3713 (None) (1)	2753-B-0001	06/05/2024 09:06	17
2753-B-0005-01	MYD586	Soil/ REAC	Grab	ICP-AES 11(21)	9-3714 (None) (1)	2753-B-0005	06/05/2024 09:08	18
2753-B-0005-02	MYD587	Soil/ REAC	Grab	ICP-AES 11(21)	9-3715 (None) (1)	2753-B-0005	06/05/2024 09:09	19
2753-B-0004-01	MYD588	Soil/ REAC	Grab	ICP-AES 11(21)	9-3716 (None) (1)	2753-B-0004	06/05/2024 08:56	20
2753-C-0001-01	MYD589	Soil/ REAC	Grab	ICP-AES 11(21)	9-3717 (None) (1)	2753-C-0001	06/05/2024 09:12	
2753-A-0003-01	MYD590	Soil/ REAC	Grab	ICP-AES 11(21)	9-3718 (None) (1)	2753-A-0003	06/05/2024 08:36	
2753-C-0004-01	MYD591	Soil/ REAC	Grab	ICP-AES 11(21)	9-3719 (None) (1)	2753-C-0004	06/05/2024 09:18	
2753-C-S0001-01	MYD592	Soil/ REAC	Grab	ICP-AES 11(21)	9-3720 (None) (1)	2753-C-S0001	06/05/2024 09:21	
2753-C-0003-01	MYD593	Soil/ REAC	Grab	ICP-AES 11(21)	9-3721 (None) (1)	2753-C-0003	06/05/2024 09:24	
2753-A-0006-01	MYD594	Soil/ REAC	Grab	ICP-AES 11(21)	9-3722 (None) (1)	2753-A-0006	06/05/2024 08:47	
2753-A-0004-01	MYD595	Soil/ REAC	Grab	ICP-AES 11(21)	9-3723 (None) (1)	2753-A-0004	06/05/2024 08:43	
2753-A-0005-01	MYD596	Soil/ REAC	Grab	ICP-AES 11(21)	9-3724 (None) (1)	2753-A-0005	06/05/2024 08:40	
2753-A-0001-01	MYD597	Soil/ REAC	Grab	ICP-AES 11(21)	9-3725 (None) (1)	2753-A-0001	06/05/2024 08:42	
2753-B-0002-01	MYD598	Soil/ REAC	Grab	ICP-AES 11(21)	9-3726 (None) (1)	2753-B-0002	06/05/2024 09:10	

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 Cuyamo Weston	6/7/2024 15:00		6-10-24 0854	20.6°C Ice Chest #1 custody seals intact No Temp Blk.

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 1
Received By (Print Name) GORGE NEGRON		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD567 & MYD568	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 Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYD567	N/A	9-3695	P2817-01	Intact
2	MYD568	N/A	9-3696	P2817-02	Intact
3	MYD569	N/A	9-3697	P2817-03	Intact
4	MYD570	N/A	9-3698	P2817-04	Intact
5	MYD570D	N/A	9-3698	P2817-05	Intact
6	MYD570S	N/A	9-3698	P2817-06	Intact
7	MYD571	N/A	9-3699	P2817-07	Intact
8	MYD572	N/A	9-3700	P2817-08	Intact
9	MYD574	N/A	9-3702	P2817-09	Intact
10	MYD575	N/A	9-3703	P2817-10	Intact
11	MYD576	N/A	9-3704	P2817-11	Intact
12	MYD577	N/A	9-3705	P2817-12	Intact
13	MYD578	N/A	9-3706	P2817-13	Intact
14	MYD579	N/A	9-3707	P2817-14	Intact
15	MYD580	N/A	9-3708	P2817-15	Intact
16	MYD582	N/A	9-3710	P2817-16	Intact
17	MYD583	N/A	9-3711	P2817-17	Intact
18	MYD584	N/A	9-3712	P2817-18	Intact
19	MYD585	N/A	9-3713	P2817-19	Intact
20	MYD586	N/A	9-3714	P2817-20	Intact
21	MYD587	N/A	9-3715	P2817-21	Intact
22	MYD588	N/A	9-3716	P2817-22	Intact
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

Reviewed By		Logbook No.	N/A
Date	6/11/24	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.	**MYD568**
MA NO.	**3208.0,3221.2**	SOW NO.	**SFAM01.1**

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

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	4	✓	
3 . Sample Log-In Sheet (DC-1)	5	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	826	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	827	962	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	963	964	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	965	973	✓	
22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

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

	PAGE NOs: FROM	TO	CHECK LAB	REGION
Additional				
44. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 1)	974	974	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	975	977	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	978	979	✓	
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 # MYD568
CASE # 51495
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID #P2817
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

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 MYD567 For Antimony:

If C = 1.62 ppb
Vf = 500 ml
W = 1.23 g
S = 0.985(98.5/100)
DF = 1

$$\text{Concentration (mg/kg)} = 1.62 \times \frac{500}{1.23 \times 0.985} \times 1 / 1000$$

$$= 0.6685 \text{ mg/kg}$$

$$= 0.67 \text{ mg/kg (Reported Result with Signification)}$$

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

284 Sheffield Street
Mountainside, NJ 07092

(MYD570S) did meet requirements except for Arsenic, Lead, Selenium. 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

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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: 6/13/2024

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

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:33
Out Date: 06/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB131188

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
P2817-01	MYD567	1	1.18	8.49	9.67	9.54	98.5	
P2817-02	MYD568	2	1.18	8.79	9.97	9.44	94.0	
P2817-03	MYD569	3	1.18	8.48	9.66	9.26	95.3	
P2817-04	MYD570	4	1.16	8.48	9.64	9.51	98.5	
P2817-05	MYD570D	5	1.16	8.48	9.64	9.51	98.5	
P2817-06	MYD570S	6	1.16	8.48	9.64	9.51	98.5	
P2817-07	MYD571	7	1.18	8.73	9.91	9.77	98.4	
P2817-08	MYD572	8	1.15	8.62	9.77	9.34	95.0	
P2817-09	MYD574	9	1.18	8.34	9.52	9.39	98.4	
P2817-10	MYD575	10	1.18	8.56	9.74	9.52	97.4	
P2817-11	MYD576	11	1.18	8.61	9.79	9.52	96.9	
P2817-12	MYD577	12	1.17	8.75	9.92	9.72	97.7	
P2817-13	MYD578	13	1.18	8.32	9.5	9.24	96.9	
P2817-14	MYD579	14	1.15	8.35	9.5	9.26	97.1	
P2817-15	MYD580	15	1.16	8.40	9.56	9.22	96.0	
P2817-16	MYD582	16	1.12	8.65	9.77	9.32	94.8	
P2817-17	MYD583	17	1.13	8.80	9.93	9.65	96.8	
P2817-18	MYD584	18	1.18	8.60	9.78	9.5	96.7	
P2817-19	MYD585	19	1.15	8.50	9.65	9.2	94.7	
P2817-20	MYD586	20	1.15	8.69	9.84	9.52	96.3	
P2817-21	MYD587	21	1.15	8.74	9.89	9.57	96.3	
P2817-22	MYD588	22	1.18	8.73	9.91	9.77	98.4	

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

WORKLIST(Hardcopy Internal Chain)

VB 131188

WorkList Name : %1-p2817 **WorkList ID :** 181006 **Department :** Wet-Chemistry **Date :** 06-12-2024 09:00:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2817-01	MYD567	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-02	MYD568	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-03	MYD569	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-04	MYD570	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-05	MYD570D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-06	MYD570S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-07	MYD571	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-08	MYD572	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-09	MYD574	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-10	MYD575	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-11	MYD576	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-12	MYD577	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-13	MYD578	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-14	MYD579	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-15	MYD580	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-16	MYD582	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-17	MYD583	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-18	MYD584	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-19	MYD585	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-20	MYD586	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2817-21	MYD587	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO

19

Date/Time 06.12.24 12.20

Raw Sample Received by: TQ GeoC

Raw Sample Relinquished by: QP SM

Date/Time 06.12.24 13.00

Raw Sample Received by: QP SM

Raw Sample Relinquished by: TQ GeoC

WORKLIST(Hardcopy Internal Chain)

131188

WorkList Name : %1-p2817 **WorkList ID :** 181006 **Department :** Wet-Chemistry **Date :** 06-12-2024 09:00:21

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2817-22	MYD588	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO

20

Date/Time 06-12-24 12:20

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 06-12-24 13:00

Raw Sample Received by:

Raw Sample Relinquished by:

EPA SAMPLE NO.

MYD567

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-01

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.67	J	10/07/2024	1834
7440-38-2	Arsenic	25	*	10/07/2024	1834
7440-39-3	Barium	110		10/07/2024	1834
7440-41-7	Beryllium	0.56		10/07/2024	1834
7440-43-9	Cadmium	0.38	J	10/07/2024	1834
7440-47-3	Chromium	15		10/07/2024	1834
7440-48-4	Cobalt	14		10/07/2024	1834
7440-50-8	Copper	34		10/07/2024	1834
7439-92-1	Lead	20	*	10/07/2024	1834
7440-02-0	Nickel	15		10/07/2024	1834
7782-49-2	Selenium	2.1	U*	10/07/2024	1834
7440-22-4	Silver	0.12	J	10/07/2024	1834
7440-28-0	Thallium	0.050	J	10/07/2024	1834
7440-62-2	Vanadium	53		10/07/2024	1834
7440-66-6	Zinc	91		10/07/2024	1834

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

Comments:

EPA SAMPLE NO.

MYD568

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-02

% Solids: 94 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	0.34	J	10/07/2024	1838
7440-38-2	Arsenic	12	*	10/07/2024	1838
7440-39-3	Barium	210		10/07/2024	1838
7440-41-7	Beryllium	1.1		10/07/2024	1838
7440-43-9	Cadmium	0.25	J	10/07/2024	1838
7440-47-3	Chromium	30		10/07/2024	1838
7440-48-4	Cobalt	16		10/07/2024	1838
7440-50-8	Copper	38		10/07/2024	1838
7439-92-1	Lead	10	*	10/07/2024	1838
7440-02-0	Nickel	25		10/07/2024	1838
7782-49-2	Selenium	0.36	J*	10/07/2024	1838
7440-22-4	Silver	0.083	J	10/07/2024	1838
7440-28-0	Thallium	0.10	J	10/07/2024	1838
7440-62-2	Vanadium	55		10/07/2024	1838
7440-66-6	Zinc	78		10/07/2024	1838

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

Comments:

EPA SAMPLE NO.

MYD569

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-03

% 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	0.35	J	10/07/2024	1841
7440-38-2	Arsenic	12	*	10/07/2024	1841
7440-39-3	Barium	180		10/07/2024	1841
7440-41-7	Beryllium	0.94		10/07/2024	1841
7440-43-9	Cadmium	0.27	J	10/07/2024	1841
7440-47-3	Chromium	27		10/07/2024	1841
7440-48-4	Cobalt	16		10/07/2024	1841
7440-50-8	Copper	35		10/07/2024	1841
7439-92-1	Lead	11	*	10/07/2024	1841
7440-02-0	Nickel	24		10/07/2024	1841
7782-49-2	Selenium	0.38	J*	10/07/2024	1841
7440-22-4	Silver	0.073	J	10/07/2024	1841
7440-28-0	Thallium	0.080	J	10/07/2024	1841
7440-62-2	Vanadium	51		10/07/2024	1841
7440-66-6	Zinc	73		10/07/2024	1841

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

Comments:

EPA SAMPLE NO.

MYD570

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-04

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.47	J	10/08/2024	1428
7440-38-2	Arsenic	26	*	10/08/2024	1428
7440-39-3	Barium	120	D	10/08/2024	1412
7440-41-7	Beryllium	0.60		10/08/2024	1428
7440-43-9	Cadmium	0.30	J	10/08/2024	1428
7440-47-3	Chromium	19		10/08/2024	1428
7440-48-4	Cobalt	16	D	10/08/2024	1412
7440-50-8	Copper	36		10/08/2024	1428
7439-92-1	Lead	17	*	10/08/2024	1428
7440-02-0	Nickel	19	D	10/08/2024	1412
7782-49-2	Selenium	2.1	U*	10/08/2024	1428
7440-22-4	Silver	0.10	J	10/08/2024	1428
7440-28-0	Thallium	0.10	J	10/08/2024	1428
7440-62-2	Vanadium	74	D	10/08/2024	1412
7440-66-6	Zinc	85		10/08/2024	1428

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

Comments:

EPA SAMPLE NO.

MYD571

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-07

% 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	3.0		10/07/2024	1900
7440-38-2	Arsenic	51	*	10/07/2024	1900
7440-39-3	Barium	110		10/07/2024	1900
7440-41-7	Beryllium	0.53		10/07/2024	1900
7440-43-9	Cadmium	0.74		10/07/2024	1900
7440-47-3	Chromium	16		10/07/2024	1900
7440-48-4	Cobalt	15		10/07/2024	1900
7440-50-8	Copper	59		10/07/2024	1900
7439-92-1	Lead	41	*	10/07/2024	1900
7440-02-0	Nickel	16		10/07/2024	1900
7782-49-2	Selenium	0.52	J*	10/07/2024	1900
7440-22-4	Silver	0.25	J	10/07/2024	1900
7440-28-0	Thallium	0.052	J	10/07/2024	1900
7440-62-2	Vanadium	61		10/07/2024	1900
7440-66-6	Zinc	170		10/07/2024	1900

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

Comments:

EPA SAMPLE NO.

MYD572

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-08

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.36	J	10/07/2024	1903
7440-38-2	Arsenic	13	*	10/07/2024	1903
7440-39-3	Barium	180		10/07/2024	1903
7440-41-7	Beryllium	0.93		10/07/2024	1903
7440-43-9	Cadmium	0.26	J	10/07/2024	1903
7440-47-3	Chromium	25		10/07/2024	1903
7440-48-4	Cobalt	16		10/07/2024	1903
7440-50-8	Copper	36		10/07/2024	1903
7439-92-1	Lead	9.8	*	10/07/2024	1903
7440-02-0	Nickel	22		10/07/2024	1903
7782-49-2	Selenium	0.29	J*	10/07/2024	1903
7440-22-4	Silver	0.074	J	10/07/2024	1903
7440-28-0	Thallium	0.052	J	10/07/2024	1903
7440-62-2	Vanadium	54		10/07/2024	1903
7440-66-6	Zinc	74		10/07/2024	1903

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

Comments:

EPA SAMPLE NO.

MYD574

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-09

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2		10/07/2024	1907
7440-38-2	Arsenic	55	*	10/07/2024	1907
7440-39-3	Barium	110		10/07/2024	1907
7440-41-7	Beryllium	0.56		10/07/2024	1907
7440-43-9	Cadmium	0.64		10/07/2024	1907
7440-47-3	Chromium	18		10/07/2024	1907
7440-48-4	Cobalt	15		10/07/2024	1907
7440-50-8	Copper	50		10/07/2024	1907
7439-92-1	Lead	37	*	10/07/2024	1907
7440-02-0	Nickel	15		10/07/2024	1907
7782-49-2	Selenium	0.36	J*	10/07/2024	1907
7440-22-4	Silver	0.19	J	10/07/2024	1907
7440-28-0	Thallium	0.034	J	10/07/2024	1907
7440-62-2	Vanadium	81		10/07/2024	1907
7440-66-6	Zinc	170		10/07/2024	1907

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

Comments:

EPA SAMPLE NO.

MYD575

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-10

% Solids: 97.4 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	0.74	J	10/07/2024	1910
7440-38-2	Arsenic	30	*	10/07/2024	1910
7440-39-3	Barium	130		10/07/2024	1910
7440-41-7	Beryllium	0.64		10/07/2024	1910
7440-43-9	Cadmium	0.66		10/07/2024	1910
7440-47-3	Chromium	18		10/07/2024	1910
7440-48-4	Cobalt	14		10/07/2024	1910
7440-50-8	Copper	53		10/07/2024	1910
7439-92-1	Lead	30	*	10/07/2024	1910
7440-02-0	Nickel	17		10/07/2024	1910
7782-49-2	Selenium	0.53	J*	10/07/2024	1910
7440-22-4	Silver	0.17	J	10/07/2024	1910
7440-28-0	Thallium	0.038	J	10/07/2024	1910
7440-62-2	Vanadium	50		10/07/2024	1910
7440-66-6	Zinc	130		10/07/2024	1910

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

Comments:

EPA SAMPLE NO.

MYD576

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-11

% 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	1.7		10/07/2024	1913
7440-38-2	Arsenic	31	*	10/07/2024	1913
7440-39-3	Barium	230		10/07/2024	1913
7440-41-7	Beryllium	0.99		10/07/2024	1913
7440-43-9	Cadmium	4.8		10/07/2024	1913
7440-47-3	Chromium	41		10/07/2024	1913
7440-48-4	Cobalt	14		10/07/2024	1913
7440-50-8	Copper	690		10/07/2024	1913
7439-92-1	Lead	130	*	10/07/2024	1913
7440-02-0	Nickel	31		10/07/2024	1913
7782-49-2	Selenium	0.84	J*	10/07/2024	1913
7440-22-4	Silver	1.8		10/07/2024	1913
7440-28-0	Thallium	0.035	J	10/07/2024	1913
7440-62-2	Vanadium	47		10/07/2024	1913
7440-66-6	Zinc	450		10/07/2024	1913

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

Comments:

EPA SAMPLE NO.

MYD577

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-12

% Solids: 97.7 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	2.2		10/07/2024	1916
7440-38-2	Arsenic	19	*	10/07/2024	1916
7440-39-3	Barium	130		10/07/2024	1916
7440-41-7	Beryllium	0.47		10/07/2024	1916
7440-43-9	Cadmium	2.4		10/07/2024	1916
7440-47-3	Chromium	46		10/07/2024	1916
7440-48-4	Cobalt	10		10/07/2024	1916
7440-50-8	Copper	400		10/07/2024	1916
7439-92-1	Lead	190	*	10/07/2024	1916
7440-02-0	Nickel	28		10/07/2024	1916
7782-49-2	Selenium	0.48	J*	10/07/2024	1916
7440-22-4	Silver	0.56		10/07/2024	1916
7440-28-0	Thallium	0.39	U	10/07/2024	1916
7440-62-2	Vanadium	44		10/07/2024	1916
7440-66-6	Zinc	360		10/07/2024	1916

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

Comments:

EPA SAMPLE NO.

MYD578

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-13

% 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	1.6		10/07/2024	1919
7440-38-2	Arsenic	28	*	10/07/2024	1919
7440-39-3	Barium	190		10/07/2024	1919
7440-41-7	Beryllium	0.67		10/07/2024	1919
7440-43-9	Cadmium	2.0		10/07/2024	1919
7440-47-3	Chromium	29		10/07/2024	1919
7440-48-4	Cobalt	13		10/07/2024	1919
7440-50-8	Copper	150		10/07/2024	1919
7439-92-1	Lead	170	*	10/07/2024	1919
7440-02-0	Nickel	23		10/07/2024	1919
7782-49-2	Selenium	0.83	J*	10/07/2024	1919
7440-22-4	Silver	0.85		10/07/2024	1919
7440-28-0	Thallium	0.41	U	10/07/2024	1919
7440-62-2	Vanadium	47		10/07/2024	1919
7440-66-6	Zinc	460		10/07/2024	1919

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

Comments:

EPA SAMPLE NO.

MYD579

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-14

% Solids: 97.1 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	1.1		10/07/2024	1923
7440-38-2	Arsenic	28	*	10/07/2024	1923
7440-39-3	Barium	200		10/07/2024	1923
7440-41-7	Beryllium	0.62		10/07/2024	1923
7440-43-9	Cadmium	1.4		10/07/2024	1923
7440-47-3	Chromium	29		10/07/2024	1923
7440-48-4	Cobalt	15		10/07/2024	1923
7440-50-8	Copper	130		10/07/2024	1923
7439-92-1	Lead	110	*	10/07/2024	1923
7440-02-0	Nickel	23		10/07/2024	1923
7782-49-2	Selenium	0.65	J*	10/07/2024	1923
7440-22-4	Silver	0.67		10/07/2024	1923
7440-28-0	Thallium	0.46	U	10/07/2024	1923
7440-62-2	Vanadium	52		10/07/2024	1923
7440-66-6	Zinc	290		10/07/2024	1923

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

Comments:

EPA SAMPLE NO.

MYD580

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-15

% Solids: 96 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		10/07/2024	1926
7440-38-2	Arsenic	30	*	10/07/2024	1926
7440-39-3	Barium	180		10/07/2024	1926
7440-41-7	Beryllium	0.61		10/07/2024	1926
7440-43-9	Cadmium	2.5		10/07/2024	1926
7440-47-3	Chromium	27		10/07/2024	1926
7440-48-4	Cobalt	14		10/07/2024	1926
7440-50-8	Copper	200		10/07/2024	1926
7439-92-1	Lead	170	*	10/07/2024	1926
7440-02-0	Nickel	23		10/07/2024	1926
7782-49-2	Selenium	0.85	J*	10/07/2024	1926
7440-22-4	Silver	0.81		10/07/2024	1926
7440-28-0	Thallium	0.37	U	10/07/2024	1926
7440-62-2	Vanadium	46		10/07/2024	1926
7440-66-6	Zinc	400		10/07/2024	1926

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

Comments:

EPA SAMPLE NO.

MYD582

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-16

% Solids: 94.8 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	0.98		10/07/2024	1929
7440-38-2	Arsenic	35	*	10/07/2024	1929
7440-39-3	Barium	160		10/07/2024	1929
7440-41-7	Beryllium	0.66		10/07/2024	1929
7440-43-9	Cadmium	1.3		10/07/2024	1929
7440-47-3	Chromium	37		10/07/2024	1929
7440-48-4	Cobalt	18		10/07/2024	1929
7440-50-8	Copper	220		10/07/2024	1929
7439-92-1	Lead	52	*	10/07/2024	1929
7440-02-0	Nickel	29		10/07/2024	1929
7782-49-2	Selenium	0.68	J*	10/07/2024	1929
7440-22-4	Silver	0.48		10/07/2024	1929
7440-28-0	Thallium	0.066	J	10/07/2024	1929
7440-62-2	Vanadium	65		10/07/2024	1929
7440-66-6	Zinc	210		10/07/2024	1929

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

Comments:

EPA SAMPLE NO.

MYD583

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-17

% 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	0.62	J	10/07/2024	1932
7440-38-2	Arsenic	18	*	10/07/2024	1932
7440-39-3	Barium	110		10/07/2024	1932
7440-41-7	Beryllium	0.40		10/07/2024	1932
7440-43-9	Cadmium	0.86		10/07/2024	1932
7440-47-3	Chromium	18		10/07/2024	1932
7440-48-4	Cobalt	9.1		10/07/2024	1932
7440-50-8	Copper	110		10/07/2024	1932
7439-92-1	Lead	37	*	10/07/2024	1932
7440-02-0	Nickel	15		10/07/2024	1932
7782-49-2	Selenium	0.42	J*	10/07/2024	1932
7440-22-4	Silver	0.27	J	10/07/2024	1932
7440-28-0	Thallium	0.026	J	10/07/2024	1932
7440-62-2	Vanadium	33		10/07/2024	1932
7440-66-6	Zinc	110		10/07/2024	1932

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

Comments:

EPA SAMPLE NO.

MYD584

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-18

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.88		10/07/2024	1939
7440-38-2	Arsenic	28	*	10/07/2024	1939
7440-39-3	Barium	160		10/07/2024	1939
7440-41-7	Beryllium	0.59		10/07/2024	1939
7440-43-9	Cadmium	0.94		10/07/2024	1939
7440-47-3	Chromium	25		10/07/2024	1939
7440-48-4	Cobalt	13		10/07/2024	1939
7440-50-8	Copper	130		10/07/2024	1939
7439-92-1	Lead	45	*	10/07/2024	1939
7440-02-0	Nickel	23		10/07/2024	1939
7782-49-2	Selenium	0.49	J*	10/07/2024	1939
7440-22-4	Silver	0.32	J	10/07/2024	1939
7440-28-0	Thallium	0.038	J	10/07/2024	1939
7440-62-2	Vanadium	47		10/07/2024	1939
7440-66-6	Zinc	150		10/07/2024	1939

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

Comments:

EPA SAMPLE NO.

MYD585

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-19

% Solids: 94.7 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.86		10/07/2024	1948
7440-38-2	Arsenic	35	*	10/07/2024	1948
7440-39-3	Barium	170		10/07/2024	1948
7440-41-7	Beryllium	0.60		10/07/2024	1948
7440-43-9	Cadmium	1.2		10/07/2024	1948
7440-47-3	Chromium	29		10/07/2024	1948
7440-48-4	Cobalt	19		10/07/2024	1948
7440-50-8	Copper	130		10/07/2024	1948
7439-92-1	Lead	35	*	10/07/2024	1948
7440-02-0	Nickel	24		10/07/2024	1948
7782-49-2	Selenium	0.77	J*	10/07/2024	1948
7440-22-4	Silver	0.35	J	10/07/2024	1948
7440-28-0	Thallium	0.029	J	10/07/2024	1948
7440-62-2	Vanadium	56		10/07/2024	1948
7440-66-6	Zinc	140		10/07/2024	1948

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

Comments:

EPA SAMPLE NO.

MYD586

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-20

% 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	0.88		10/07/2024	1951
7440-38-2	Arsenic	30	*	10/07/2024	1951
7440-39-3	Barium	170		10/07/2024	1951
7440-41-7	Beryllium	0.72		10/07/2024	1951
7440-43-9	Cadmium	1.0		10/07/2024	1951
7440-47-3	Chromium	29		10/07/2024	1951
7440-48-4	Cobalt	15		10/07/2024	1951
7440-50-8	Copper	120		10/07/2024	1951
7439-92-1	Lead	46	*	10/07/2024	1951
7440-02-0	Nickel	24		10/07/2024	1951
7782-49-2	Selenium	0.67	J*	10/07/2024	1951
7440-22-4	Silver	0.37		10/07/2024	1951
7440-28-0	Thallium	0.043	J	10/07/2024	1951
7440-62-2	Vanadium	53		10/07/2024	1951
7440-66-6	Zinc	160		10/07/2024	1951

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

Comments:

EPA SAMPLE NO.

MYD587

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-21

% 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	0.89		10/07/2024	1954
7440-38-2	Arsenic	27	*	10/07/2024	1954
7440-39-3	Barium	170		10/07/2024	1954
7440-41-7	Beryllium	0.71		10/07/2024	1954
7440-43-9	Cadmium	1.1		10/07/2024	1954
7440-47-3	Chromium	31		10/07/2024	1954
7440-48-4	Cobalt	15		10/07/2024	1954
7440-50-8	Copper	130		10/07/2024	1954
7439-92-1	Lead	47	*	10/07/2024	1954
7440-02-0	Nickel	25		10/07/2024	1954
7782-49-2	Selenium	0.67	J*	10/07/2024	1954
7440-22-4	Silver	0.39		10/07/2024	1954
7440-28-0	Thallium	0.042	J	10/07/2024	1954
7440-62-2	Vanadium	55		10/07/2024	1954
7440-66-6	Zinc	160		10/07/2024	1954

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

Comments:

EPA SAMPLE NO.

MYD588

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.: MYD568

Matrix: SOIL Lab Sample ID: P2817-22

% 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	0.36	J	10/07/2024	1958
7440-38-2	Arsenic	13	*	10/07/2024	1958
7440-39-3	Barium	120		10/07/2024	1958
7440-41-7	Beryllium	0.53		10/07/2024	1958
7440-43-9	Cadmium	0.29	J	10/07/2024	1958
7440-47-3	Chromium	22		10/07/2024	1958
7440-48-4	Cobalt	13		10/07/2024	1958
7440-50-8	Copper	52		10/07/2024	1958
7439-92-1	Lead	13	*	10/07/2024	1958
7440-02-0	Nickel	15		10/07/2024	1958
7782-49-2	Selenium	0.31	J*	10/07/2024	1958
7440-22-4	Silver	0.083	J	10/07/2024	1958
7440-28-0	Thallium	0.40	U	10/07/2024	1958
7440-62-2	Vanadium	67		10/07/2024	1958
7440-66-6	Zinc	77		10/07/2024	1958

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

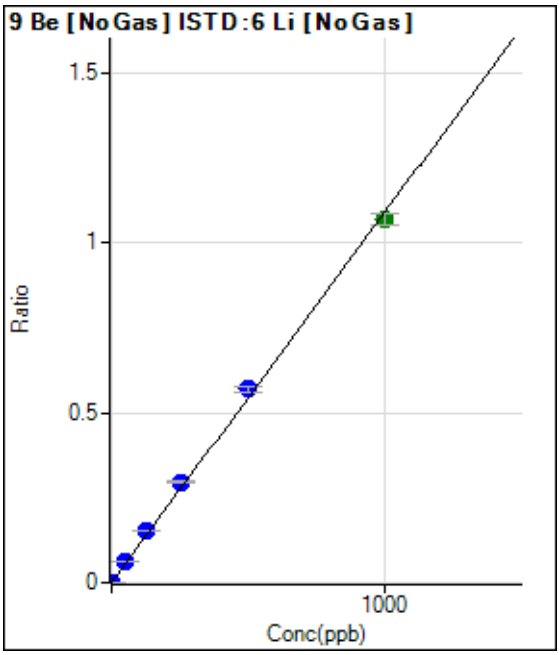
Comments:

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Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100724-MS6.b\
Analysis File: P7100724-MS6.batch.bin
DA Date-Time: 2024-10-11 13:47:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-07 17:24:59
2	005CALS.d	S02	2024-10-07 17:28:19
3	006CALS.d	S03	2024-10-07 17:31:39
4	007CALS.d	S04	2024-10-07 17:34:48
5	008CALS.d	S05	2024-10-07 17:37:48
6	009CALS.d	S06	2024-10-07 17:40:41
7	010CALS.d	S07	2024-10-07 17:43:33
8	011CALS.d	S08	2024-10-07 17:46:18

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.34	0.0001	P	28.8
2	☐	1.000	1.180	1428.97	0.0014	P	3.5
3	☐	50.000	58.985	65439.33	0.0643	P	1.3
4	☐	125.000	141.387	159571.65	0.1540	P	1.9
5	☐	250.000	272.470	308560.15	0.2968	P	2.1
6	☐	500.000	522.583	590091.58	0.5691	P	2.1
7	☐	1000.000	980.593	1093439.05	1.0678	A	3.0
8	☐			324.45	0.0003	P	10.8

y = 0.0011 * x + 8.9457E-005

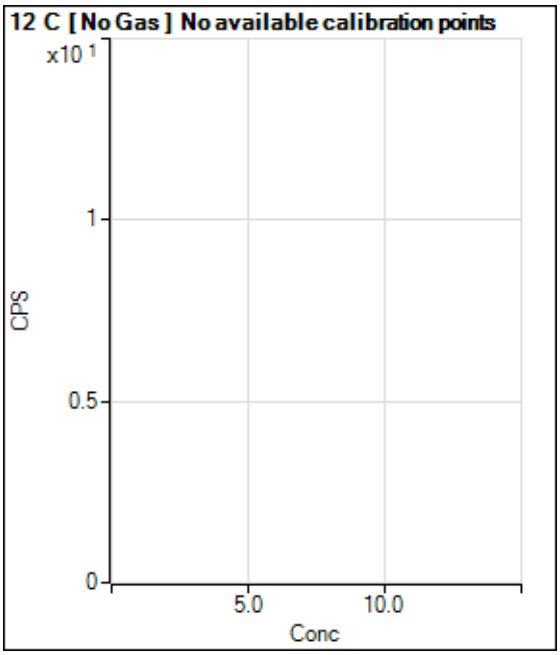
R = 0.9993

DL = 0.07093

BEC = 0.08216

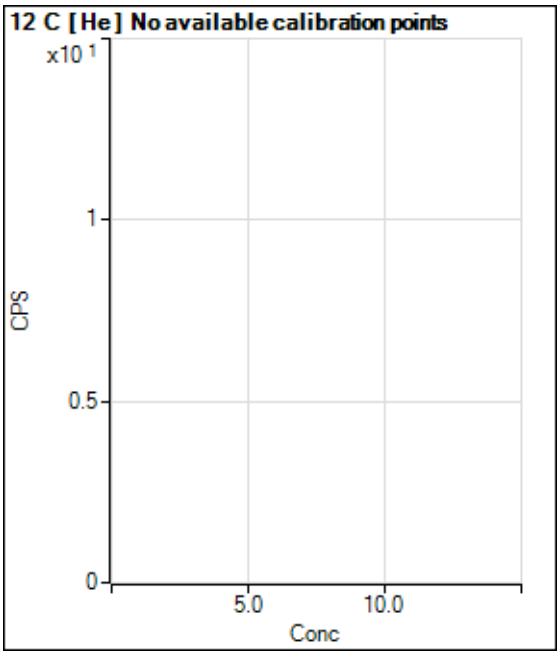
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Min Conc: 0

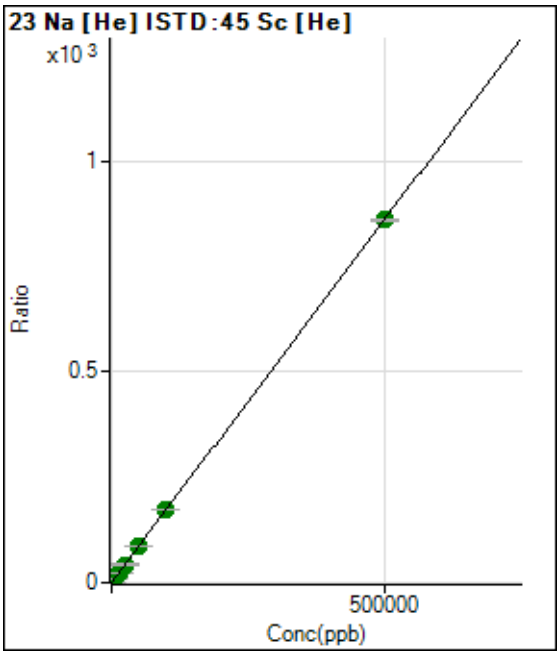


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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6	☐						
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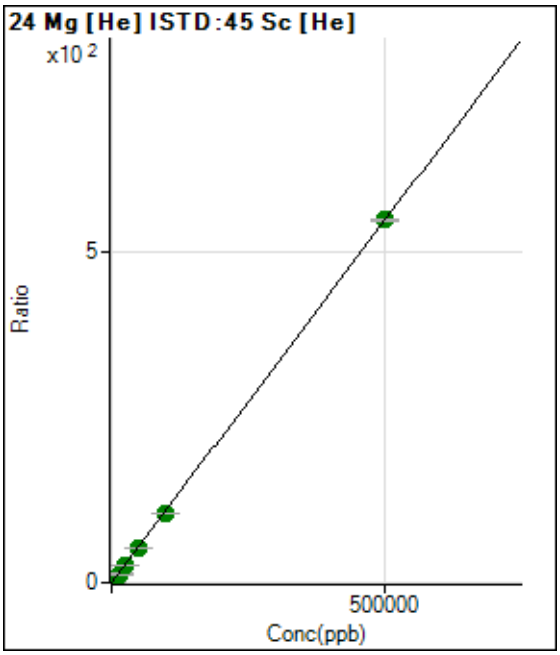


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐	500.000	539.656	217170.31	0.9774	P	2.6
3	☐	5000.000	4943.061	1932663.91	8.5618	A	3.7
4	☐	12500.000	12546.142	4615107.29	21.6575	A	8.1
5	☐	25000.000	25116.466	8884883.27	43.3087	A	1.1
6	☐	50000.000	50490.432	16881411.55	87.0130	A	0.5
7	☐	100000.00	100893.47	34237553.66	173.8277	A	0.5
8	☐	500000.00	499765.81	171661150.7	860.8488	A	0.4

y = 0.0017 * x + 0.0479
R = 1.0000
DL = 0.4064
BEC = 27.8

Weight: <None>
Min Conc: 0

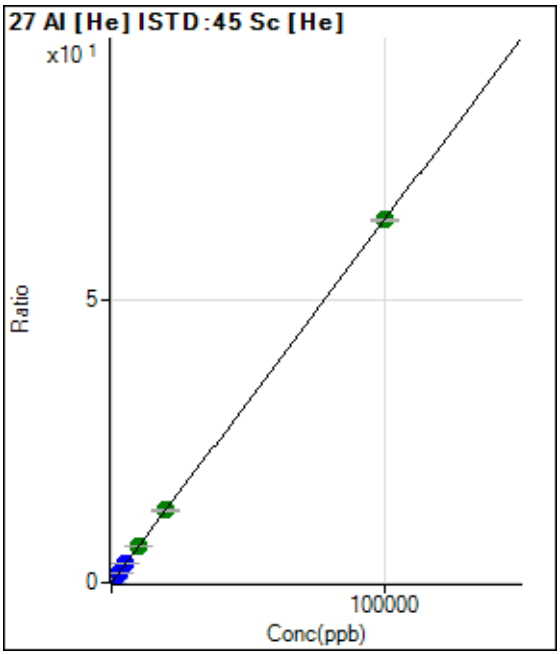
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	726.69	0.0032	P	4.2
2	☐	500.000	540.302	132059.90	0.5944	P	3.1
3	☐	5000.000	4665.610	1153174.71	5.1083	A	3.3
4	☐	12500.000	11915.562	2777733.26	13.0412	A	9.0
5	☐	25000.000	23790.197	5341129.37	26.0344	A	0.2
6	☐	50000.000	47783.073	10144140.82	52.2874	A	1.3
7	☐	100000.00	95045.767	20484218.45	104.0021	A	0.8
8	☐	500000.00	501290.94	109380233.9	548.5150	A	0.2

y = 0.0011 * x + 0.0032
R = 0.9999
DL = 0.3639
BEC = 2.908

Weight: <None>
Min Conc: 0

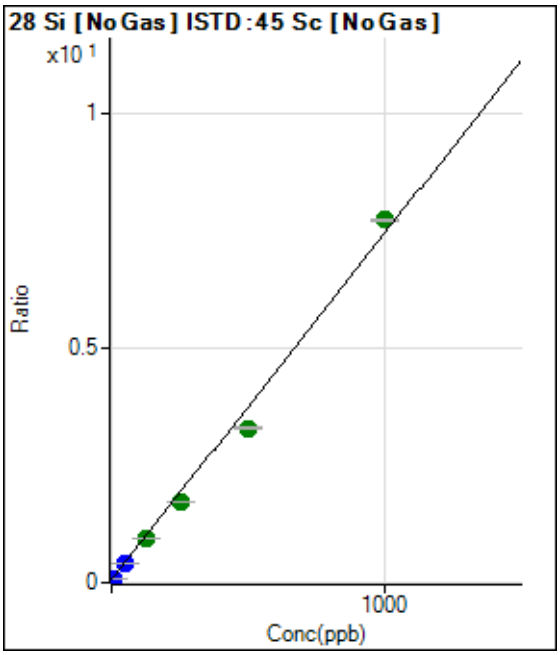


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	81.11	0.0004	P	6.7
2	☐	20.000	20.088	2936.97	0.0132	P	1.8
3	☐	1000.000	1004.600	145262.53	0.6435	P	3.6
4	☐	2500.000	2559.249	349278.50	1.6388	P	7.8
5	☐	5000.000	5086.787	668188.23	3.2569	P	0.4
6	☐	10000.000	10019.578	1244518.19	6.4149	A	1.4
7	☐	20000.000	19977.499	2519125.69	12.7901	A	1.2
8	☐	100000.00	99996.676	12766452.73	64.0188	A	0.5

y = 6.4021E-004 * x + 3.5529E-004
R = 1.0000
DL = 0.1117
BEC = 0.555

Weight: <None>
Min Conc: 0

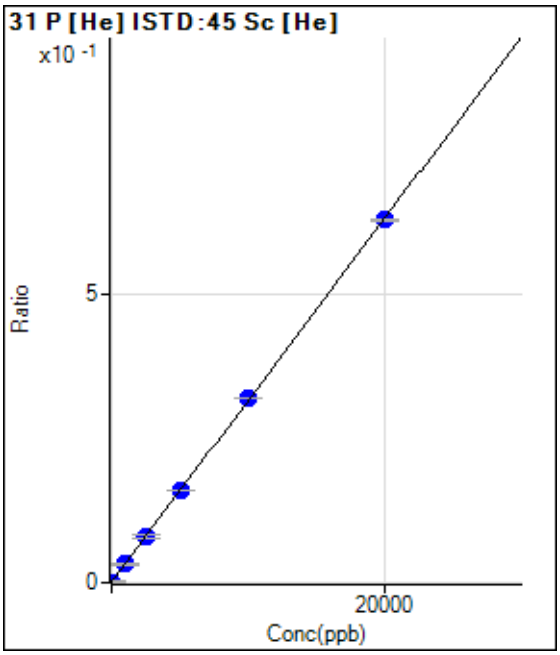
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	182293.44	0.0652	P	0.4
2	☐	10.000	0.742	197282.39	0.0707	P	4.0
3	☐	50.000	46.037	1113823.57	0.4053	P	1.1
4	☐	125.000	118.808	2440533.68	0.9430	A	0.6
5	☐	250.000	224.559	4388489.94	1.7242	A	1.5
6	☐	500.000	436.606	7941810.09	3.2908	A	1.1
7	☐	1000.000	1039.122	18680495.83	7.7421	A	0.3
8	☐			200091.37	0.0840	P	2.2

y = 0.0074 * x + 0.0652
R = 0.9969
DL = 0.1041
BEC = 8.828

Weight: <None>
Min Conc: 0

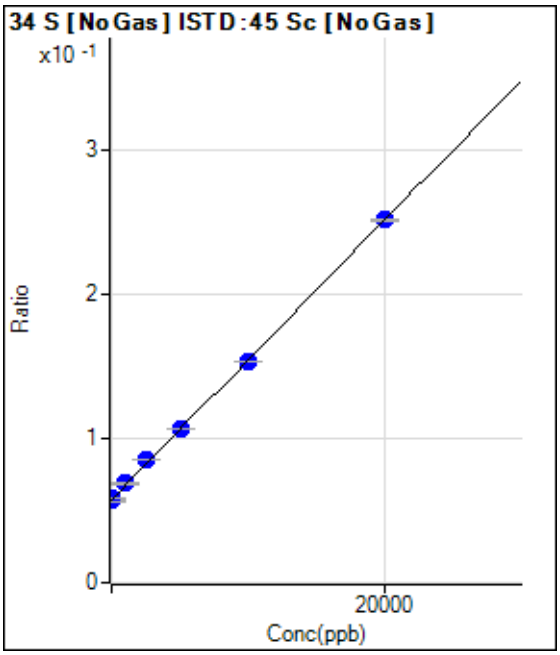


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.076	147.78	0.0006	P	8.2
2	☐	0.000	15.076	355.56	0.0016	P	9.1
3	☐	1000.000	975.708	7195.10	0.0319	P	5.0
4	☐	2500.000	2533.127	17250.93	0.0810	P	8.8
5	☐	5000.000	5045.522	32864.10	0.1602	P	1.7
6	☐	10000.000	10106.978	62037.15	0.3198	P	0.6
7	☐	20000.000	19932.204	123991.20	0.6295	P	0.7
8	☐			125.56	0.0006	P	16.9

y = 3.1527E-005 * x + 0.0011
R = 1.0000
DL = 9.41
BEC = 35.6

Weight: <None>
Min Conc: 0

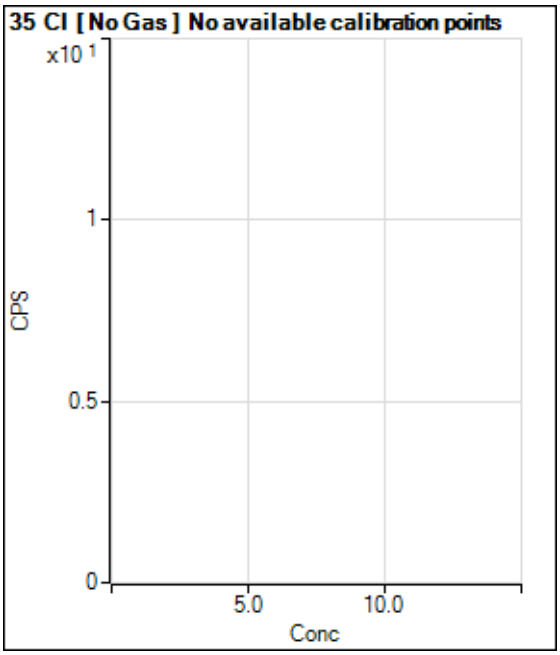
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	35.152	162009.15	0.0580	P	1.0
2	☐	0.000	-35.152	159867.34	0.0573	P	3.2
3	☐	1000.000	1175.280	189635.09	0.0690	P	1.3
4	☐	2500.000	2851.796	220622.69	0.0852	P	1.3
5	☐	5000.000	5067.207	271603.55	0.1067	P	0.6
6	☐	10000.000	9868.462	369775.33	0.1532	P	0.4
7	☐	20000.000	19996.229	606392.63	0.2513	P	0.5
8	☐			131991.80	0.0554	P	0.3

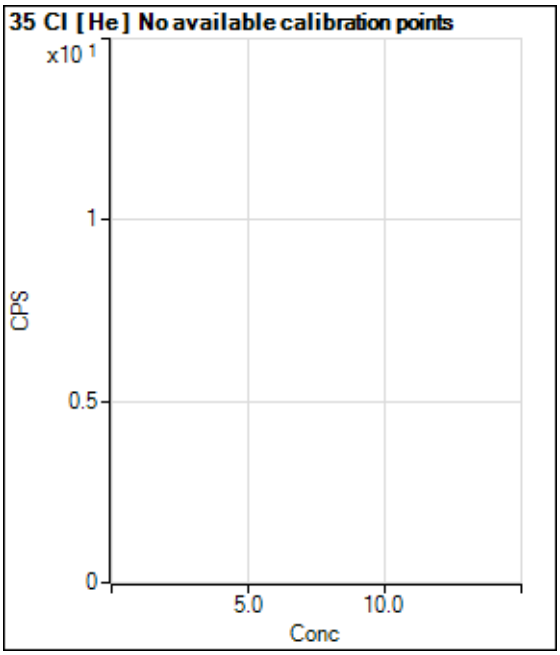
y = 9.6869E-006 * x + 0.0576
R = 0.9998
DL = 372.2
BEC = 5949

Weight: <None>
Min Conc: 0

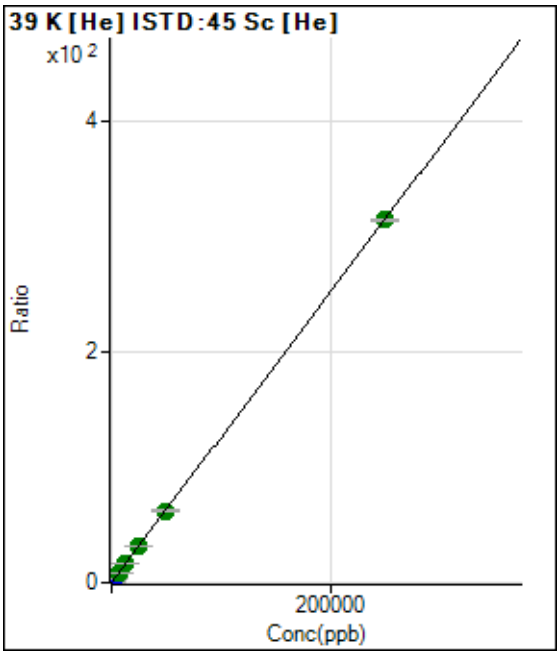


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

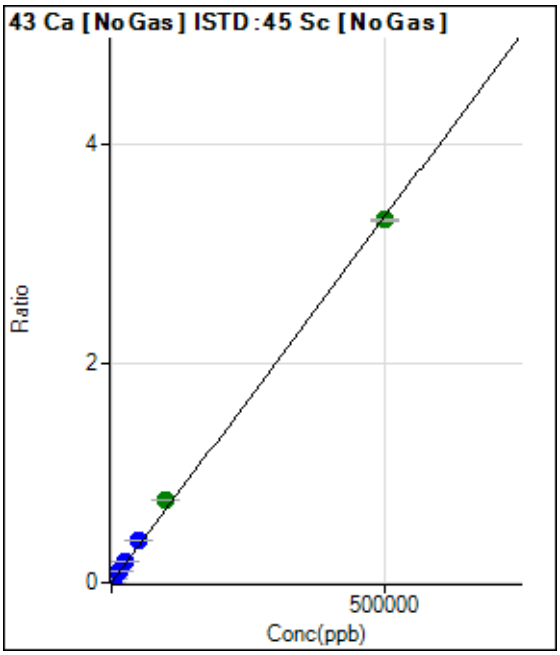


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38781.47	0.1698	P	0.6
2	☐	500.000	565.224	195419.33	0.8795	P	2.6
3	☐	2500.000	2665.979	793848.49	3.5171	P	4.0
4	☐	6250.000	6348.781	1735265.22	8.1409	A	7.8
5	☐	12500.000	12604.881	3281602.03	15.9957	A	0.3
6	☐	25000.000	24916.529	6102326.58	31.4534	A	0.3
7	☐	50000.000	49512.606	12277527.87	62.3345	A	0.4
8	☐	250000.00	250096.32	62649706.29	314.1739	A	0.6

y = 0.0013 * x + 0.1698
R = 1.0000
DL = 2.495
BEC = 135.3

Weight: <None>
Min Conc: 0

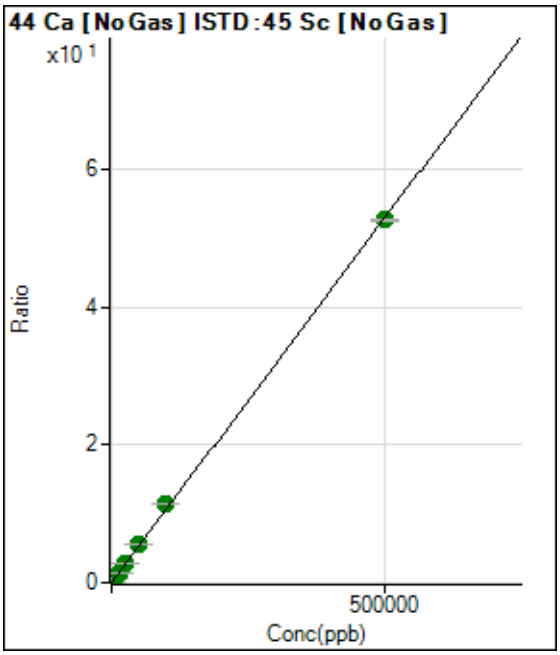
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	248.90	0.0001	P	13.7
2	☐	500.000	548.923	10464.79	0.0038	P	4.1
3	☐	5000.000	6011.810	110427.82	0.0402	P	1.0
4	☐	12500.000	15447.042	266883.97	0.1031	P	0.2
5	☐	25000.000	29745.177	505179.77	0.1985	P	0.8
6	☐	50000.000	58435.973	940821.15	0.3898	P	0.8
7	☐	100000.00	113404.89	1825241.47	0.7565	A	1.5
8	☐	500000.00	496154.32	7888199.12	3.3093	A	0.4

y = 6.6697E-006 * x + 8.8992E-005
R = 0.9995
DL = 5.501
BEC = 13.34

Weight: <None>
Min Conc: 0

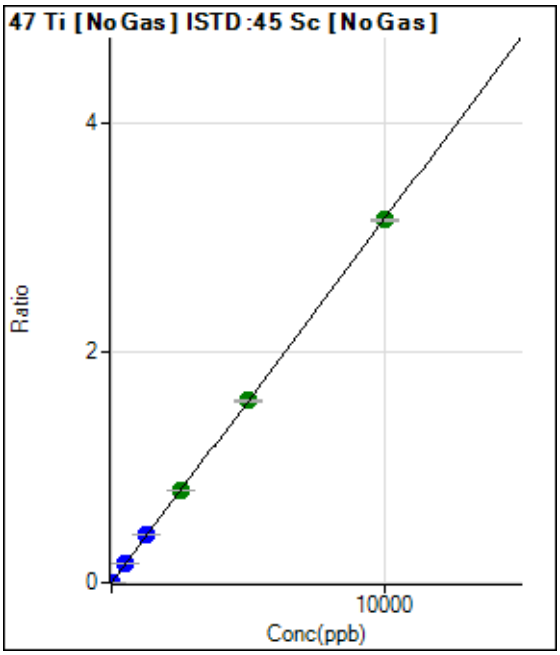


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1	☐	0.000	0.000	4092.81	0.0015	P	2.9
2	☐	500.000	559.583	169388.37	0.0607	P	4.1
3	☐	5000.000	5561.616	1622005.83	0.5903	A	0.8
4	☐	12500.000	14029.958	3847834.80	1.4868	A	0.8
5	☐	25000.000	27104.913	7307305.52	2.8710	A	0.7
6	☐	50000.000	53654.071	13711736.32	5.6817	A	1.0
7	☐	100000.00	107816.47	27545090.70	11.4157	A	0.7
8	☐	500000.00	497922.12	125659448.1	52.7150	A	0.5

y = 1.0587E-004 * x + 0.0015
R = 0.9999
DL = 1.215
BEC = 13.83

Weight: <None>
Min Conc: 0

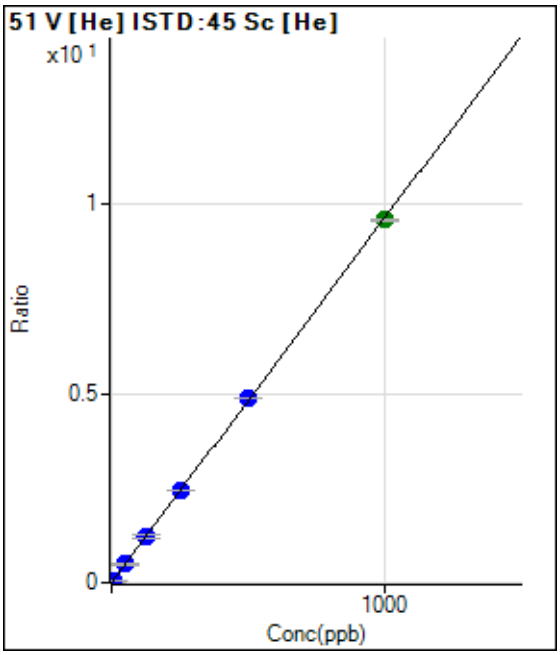
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.55	0.0000	P	10.1
2	☐	5.000	4.904	4394.01	0.0016	P	1.4
3	☐	500.000	520.020	451857.53	0.1644	P	1.7
4	☐	1250.000	1332.227	1090183.92	0.4212	P	0.7
5	☐	2500.000	2525.585	2032479.87	0.7985	A	0.7
6	☐	5000.000	5012.099	3824533.49	1.5847	A	1.3
7	☐	10000.000	9976.275	7610605.58	3.1542	A	0.8
8	☐			1630.10	0.0007	P	5.3

y = 3.1617E-004 * x + 2.3446E-005
R = 1.0000
DL = 0.02255
BEC = 0.07416

Weight: <None>
Min Conc: 0

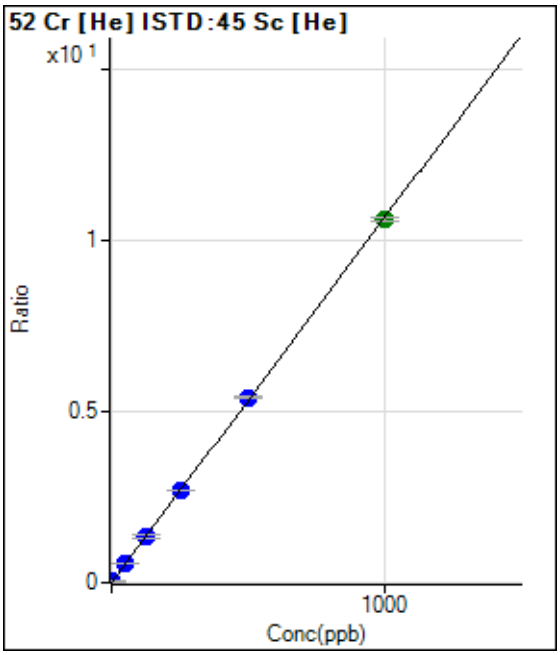


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2	☐	5.000	5.417	11602.32	0.0522	P	1.5
3	☐	50.000	50.612	110058.42	0.4876	P	4.0
4	☐	125.000	128.579	264000.76	1.2387	P	7.9
5	☐	250.000	254.053	502125.02	2.4475	P	0.3
6	☐	500.000	505.692	945166.56	4.8717	P	0.4
7	☐	1000.000	995.660	1889232.39	9.5920	A	0.8
8	☐			590.02	0.0030	P	1.0

y = 0.0096 * x + 1.9470E-005
R = 1.0000
DL = 0.005251
BEC = 0.002021

Weight: <None>
Min Conc: 0

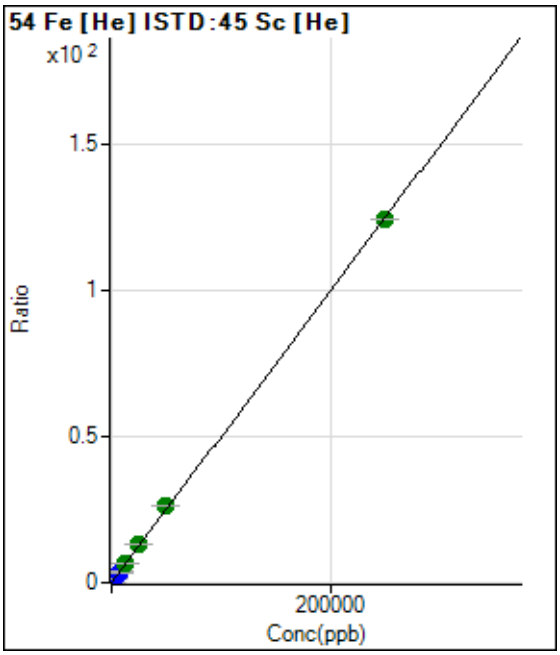
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	365.56	0.0016	P	12.1
2	☐	2.000	2.506	6279.14	0.0283	P	3.2
3	☐	50.000	51.073	123006.61	0.5450	P	4.3
4	☐	125.000	128.698	292091.52	1.3709	P	8.4
5	☐	250.000	255.025	557004.41	2.7150	P	0.1
6	☐	500.000	507.985	1048913.33	5.4065	P	0.4
7	☐	1000.000	994.234	2083848.77	10.5801	A	0.9
8	☐			7726.50	0.0387	P	0.8

y = 0.0106 * x + 0.0016
R = 0.9999
DL = 0.0544
BEC = 0.1504

Weight: <None>
Min Conc: 0

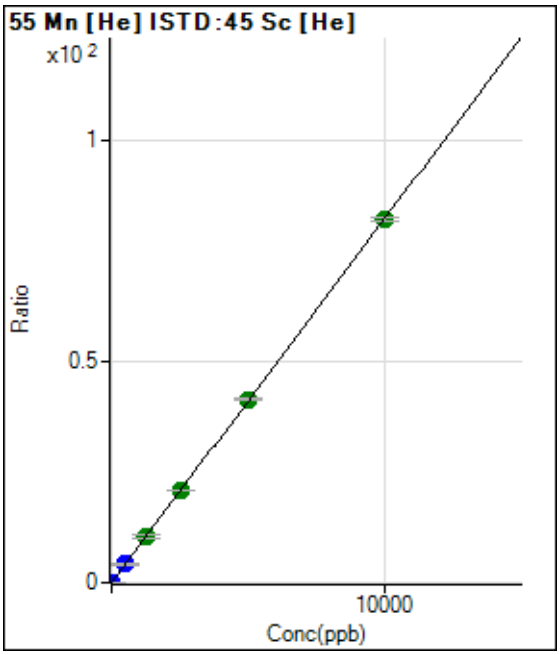


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1146.72	0.0050	P	3.0
2	☐	50.000	64.706	8266.77	0.0372	P	2.2
3	☐	2500.000	2834.545	319321.59	1.4146	P	3.5
4	☐	6250.000	7149.689	758862.55	3.5604	P	7.8
5	☐	12500.000	13466.141	1374845.69	6.7014	A	1.0
6	☐	25000.000	26802.661	2586782.95	13.3334	A	0.6
7	☐	50000.000	52831.226	5175553.88	26.2768	A	0.3
8	☐	250000.00	249179.34	24710323.80	123.9163	A	0.2

y = 4.9728E-004 * x + 0.0050
R = 0.9999
DL = 0.9188
BEC = 10.1

Weight: <None>
Min Conc: 0

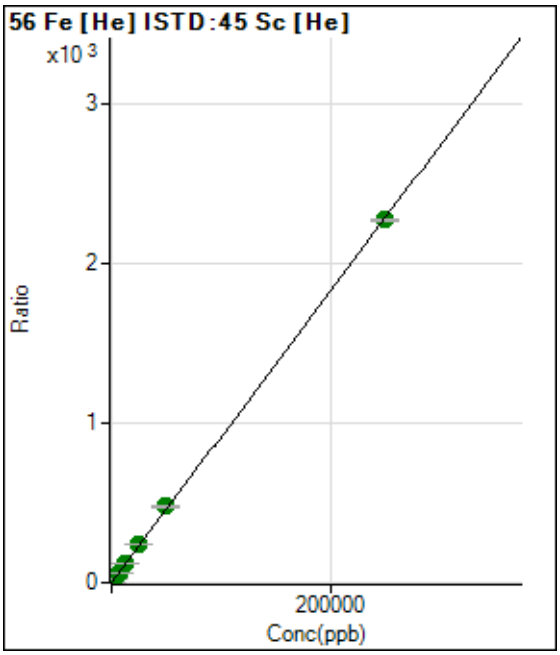
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	193.34	0.0008	P	5.0
2	☐	1.000	1.343	2641.36	0.0119	P	6.6
3	☐	500.000	509.721	946546.25	4.1933	P	3.7
4	☐	1250.000	1274.617	2234223.58	10.4846	A	8.1
5	☐	2500.000	2525.263	4261261.67	20.7711	A	1.1
6	☐	5000.000	5030.076	8026645.44	41.3732	A	0.9
7	☐	10000.000	9975.083	16159571.57	82.0458	A	0.9
8	☐			9598.69	0.0481	P	1.3

y = 0.0082 * x + 8.4680E-004
R = 1.0000
DL = 0.01538
BEC = 0.103

Weight: <None>
Min Conc: 0

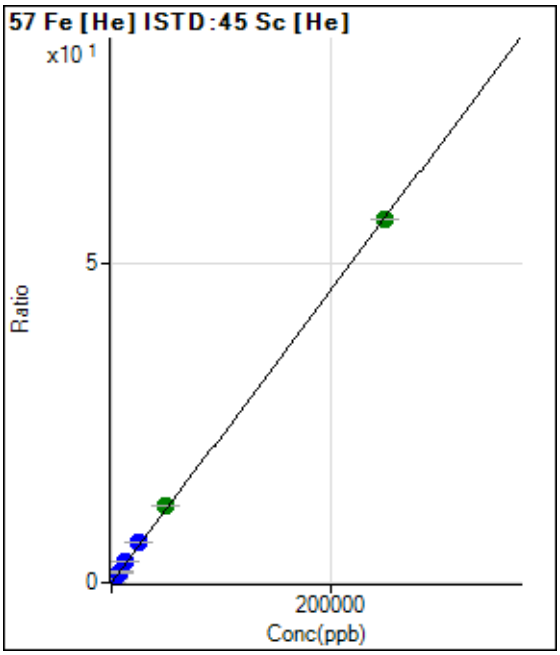


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6774.91	0.0297	P	1.7
2	☐	50.000	61.452	131251.89	0.5908	P	3.1
3	☐	2500.000	2642.342	5452928.74	24.1555	A	3.4
4	☐	6250.000	6713.374	13071994.39	61.3259	A	7.6
5	☐	12500.000	13247.064	24819892.96	120.9816	A	0.6
6	☐	25000.000	26308.098	46607845.97	240.2349	A	0.8
7	☐	50000.000	52290.824	94042294.15	477.4694	A	0.6
8	☐	250000.00	249360.66	454012344.3	2,276.809	A	0.7

y = 0.0091 * x + 0.0297
R = 0.9999
DL = 0.1679
BEC = 3.25

Weight: <None>
Min Conc: 0

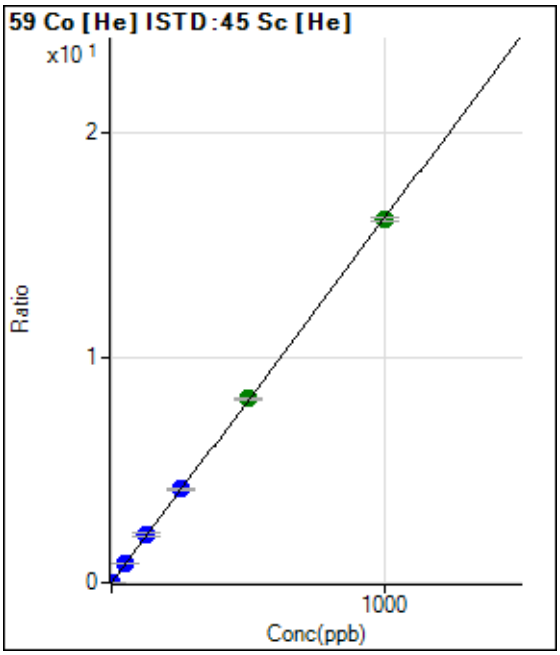
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	831.14	0.0036	P	6.1
2	☐	50.000	64.767	4081.71	0.0184	P	5.8
3	☐	2500.000	2779.638	143595.73	0.6361	P	3.6
4	☐	6250.000	7067.131	343425.63	1.6117	P	8.2
5	☐	12500.000	13988.258	653744.66	3.1866	P	0.3
6	☐	25000.000	27712.144	1224075.35	6.3094	P	0.6
7	☐	50000.000	53071.016	2379243.84	12.0796	A	0.5
8	☐	250000.00	249016.94	11299910.66	56.6660	A	0.1

y = 2.2754E-004 * x + 0.0036
R = 0.9999
DL = 2.926
BEC = 15.99

Weight: <None>
Min Conc: 0

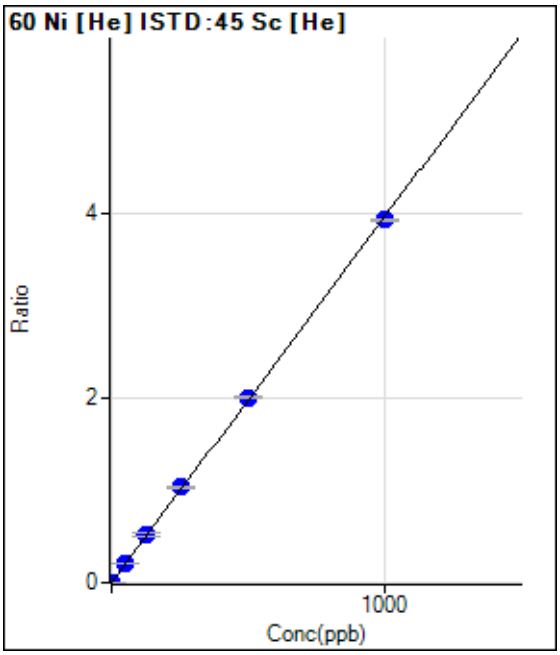


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146.67	0.0006	P	2.7
2	☐	1.000	1.156	4299.55	0.0193	P	1.9
3	☐	50.000	51.417	187965.28	0.8326	P	2.9
4	☐	125.000	129.586	446822.62	2.0973	P	8.6
5	☐	250.000	256.023	849968.05	4.1430	P	0.2
6	☐	500.000	505.260	1586180.03	8.1756	A	0.9
7	☐	1000.000	995.220	3171647.07	16.1031	A	1.0
8	☐			8341.26	0.0418	P	1.9

y = 0.0162 * x + 6.4237E-004
R = 1.0000
DL = 0.003231
BEC = 0.0397

Weight: <None>
Min Conc: 0

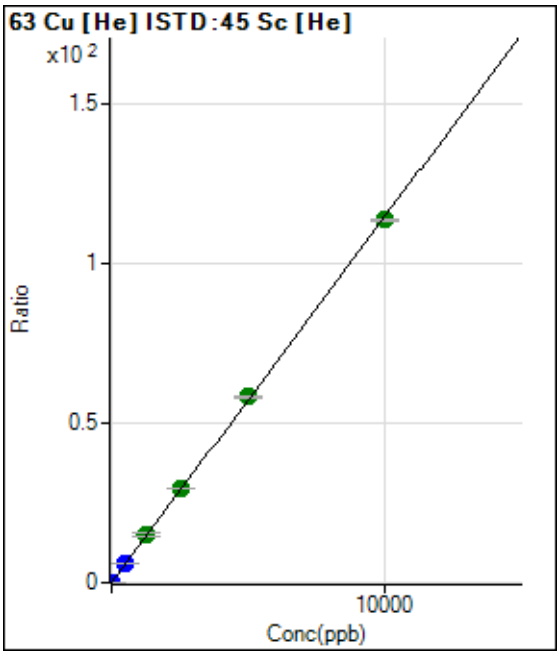
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	90.00	0.0004	P	26.0
2	☐	1.000	1.234	1176.73	0.0053	P	13.9
3	☐	50.000	53.067	47633.12	0.2110	P	3.3
4	☐	125.000	132.490	112174.22	0.5262	P	7.6
5	☐	250.000	260.460	212150.40	1.0341	P	1.0
6	☐	500.000	507.483	390823.87	2.0145	P	0.6
7	☐	1000.000	992.554	775942.92	3.9396	P	0.7
8	☐			3447.10	0.0173	P	5.9

y = 0.0040 * x + 3.9440E-004
R = 0.9999
DL = 0.07747
BEC = 0.09938

Weight: <None>
Min Conc: 0

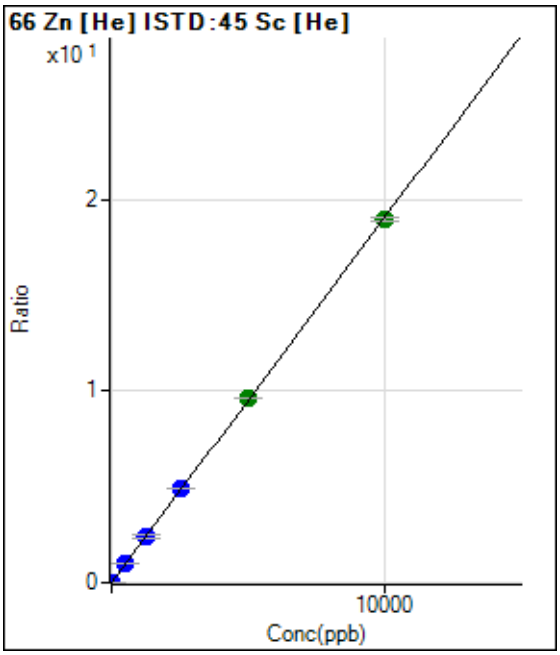


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	520.01	0.0023	P	5.8
2	☐	2.000	2.118	5903.43	0.0266	P	2.4
3	☐	500.000	517.427	1339834.82	5.9353	P	3.5
4	☐	1250.000	1326.665	3243541.48	15.2144	A	7.4
5	☐	2500.000	2585.399	6082410.39	29.6476	A	0.5
6	☐	5000.000	5089.600	11322562.33	58.3619	A	0.8
7	☐	10000.000	9923.396	22412229.11	113.7883	A	0.5
8	☐			4464.04	0.0224	P	3.0

y = 0.0115 * x + 0.0023
R = 0.9999
DL = 0.03459
BEC = 0.1986

Weight: <None>
Min Conc: 0

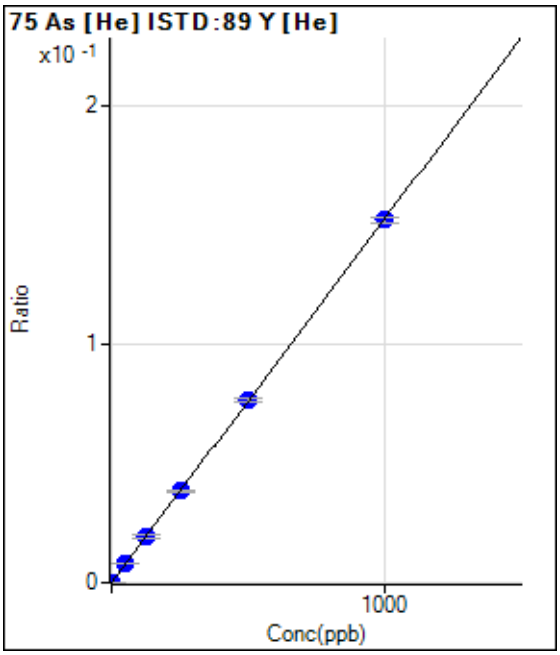
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0006	P	16.6
2	☐	5.000	5.394	2410.22	0.0108	P	5.4
3	☐	500.000	510.389	219708.99	0.9733	P	3.8
4	☐	1250.000	1285.173	521918.45	2.4500	P	8.7
5	☐	2500.000	2561.120	1001535.77	4.8818	P	0.2
6	☐	5000.000	5076.324	1877170.13	9.6755	A	0.2
7	☐	10000.000	9941.642	3732103.80	18.9483	A	0.9
8	☐			1280.07	0.0064	P	12.1

y = 0.0019 * x + 5.6921E-004
R = 0.9999
DL = 0.1487
BEC = 0.2987

Weight: <None>
Min Conc: 0

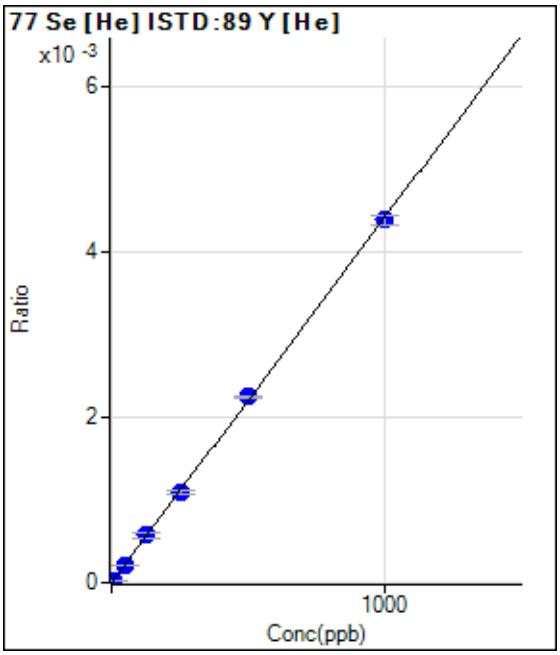


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	1.000	1.040	315.56	0.0002	P	8.0
3	☐	50.000	51.441	15606.07	0.0078	P	2.3
4	☐	125.000	128.659	37441.51	0.0196	P	8.5
5	☐	250.000	252.414	71122.63	0.0384	P	1.0
6	☐	500.000	501.607	134851.11	0.0764	P	1.5
7	☐	1000.000	998.063	270219.53	0.1519	P	1.5
8	☐			171.12	0.0001	P	13.7

y = 1.5224E-004 * x + 5.4966E-007
R = 1.0000
DL = 0.01876
BEC = 0.00361

Weight: <None>
Min Conc: 0

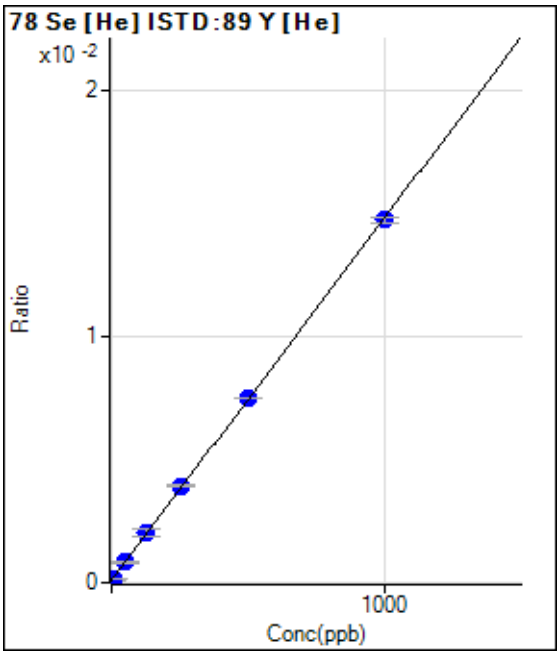
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.718	58.89	0.0000	P	7.6
3	☐	50.000	47.526	418.90	0.0002	P	3.9
4	☐	125.000	129.426	1092.27	0.0006	P	9.3
5	☐	250.000	249.409	2039.05	0.0011	P	3.8
6	☐	500.000	510.339	3980.57	0.0023	P	0.9
7	☐	1000.000	994.540	7812.13	0.0044	P	2.8
8	☐			2.22	0.0000	P	86.6

y = 4.4170E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

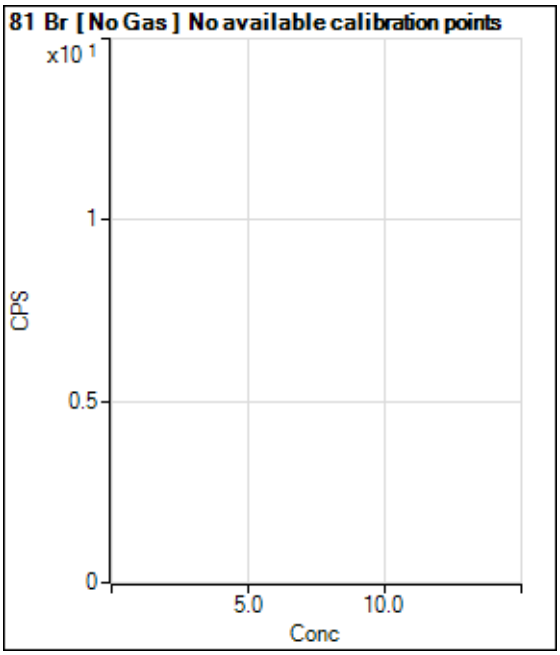


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.12	0.0001	P	29.6
2	☐	5.000	3.633	292.23	0.0001	P	18.6
3	☐	50.000	50.742	1672.34	0.0008	P	10.9
4	☐	125.000	131.312	3866.09	0.0020	P	12.0
5	☐	250.000	260.824	7277.42	0.0039	P	0.6
6	☐	500.000	503.576	13251.56	0.0075	P	0.5
7	☐	1000.000	994.687	26194.36	0.0147	P	1.9
8	☐			97.78	0.0001	P	23.4

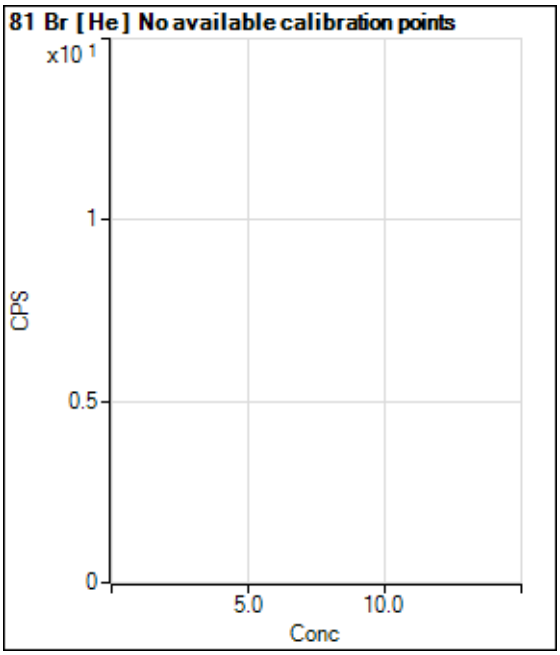
y = 1.4713E-005 * x + 9.4424E-005
R = 0.9999
DL = 5.695
BEC = 6.418

Weight: <None>
Min Conc: 0

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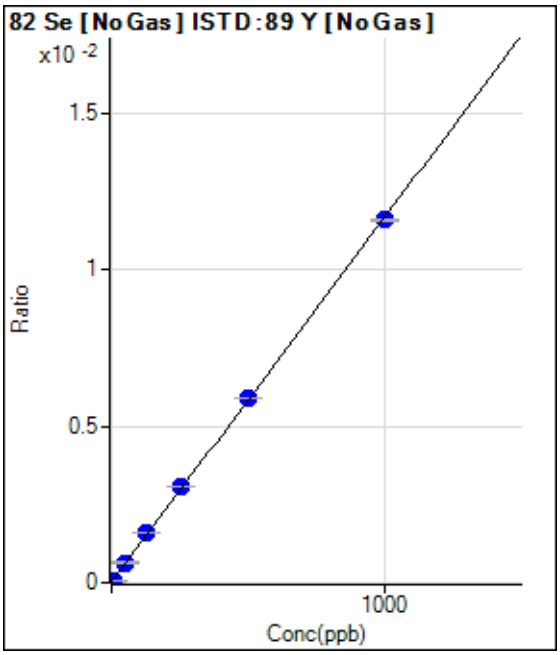


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8711.54		P	0.6
2	☐			8657.06		P	1.6
3	☐			8550.32		P	1.8
4	☐			8063.40		P	0.7
5	☐			7420.82		P	1.7
6	☐			6980.59		P	1.3
7	☐			6823.86		P	1.9
8	☐			7529.77		P	3.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			61.11		P	8.3
2	☐			45.56		P	4.2
3	☐			63.33		P	22.9
4	☐			43.33		P	20.4
5	☐			55.56		P	3.5
6	☐			35.56		P	28.6
7	☐			37.78		P	22.2
8	☐			60.00		P	19.2

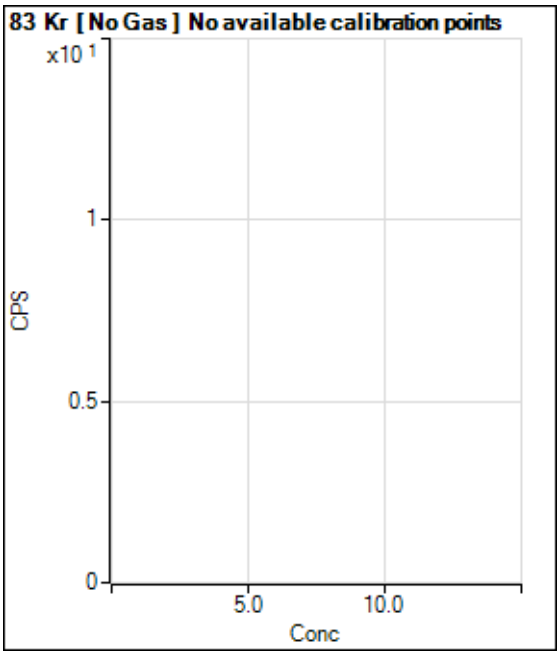
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	179.31	0.0000	P	14.7
2	☐	5.000	5.443	715.70	0.0001	P	4.3
3	☐	50.000	53.339	5353.61	0.0006	P	1.9
4	☐	125.000	134.534	12788.42	0.0016	P	1.3
5	☐	250.000	260.323	24157.56	0.0031	P	0.5
6	☐	500.000	504.688	44952.47	0.0059	P	0.8
7	☐	1000.000	993.714	88929.14	0.0116	P	0.8
8	☐			241.08	0.0000	P	5.4

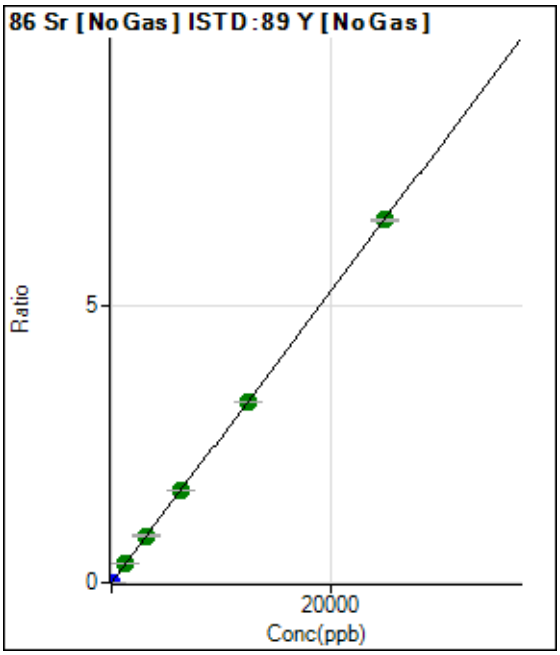
y = 1.1635E-005 * x + 2.1166E-005
R = 0.9999
DL = 0.8042
BEC = 1.819

Weight: <None>
Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			110.00		P	23.7
2	☐			107.78		P	23.4
3	☐			106.67		P	14.3
4	☐			115.56		P	13.6
5	☐			121.11		P	30.9
6	☐			78.89		P	13.6
7	☐			102.22		P	13.2
8	☐			117.78		P	3.3

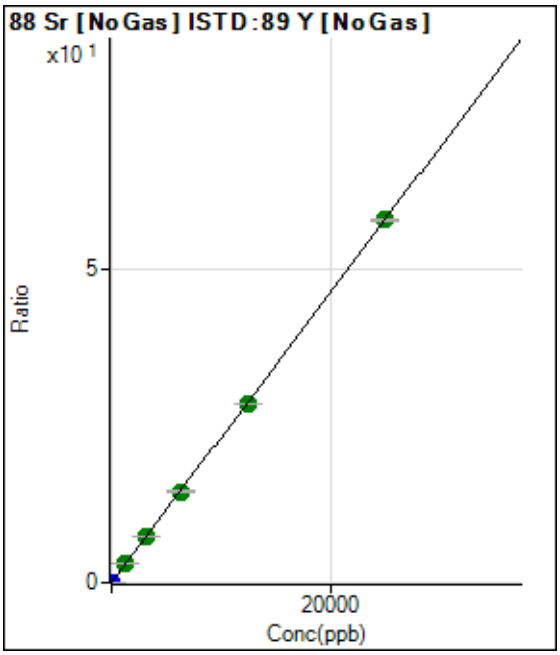
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	195.56	0.0000	P	12.8
2	☐	1.000	1.082	2602.48	0.0003	P	1.8
3	☐	1250.000	1291.875	2832760.65	0.3396	A	2.0
4	☐	3125.000	3229.342	6841432.05	0.8488	A	1.6
5	☐	6250.000	6324.767	13165422.44	1.6623	A	0.7
6	☐	12500.000	12460.108	24979042.41	3.2749	A	0.6
7	☐	25000.000	24986.118	50420544.25	6.5671	A	0.6
8	☐			8448.05	0.0012	P	0.5

y = 2.6283E-004 * x + 2.3073E-005
R = 1.0000
DL = 0.03375
BEC = 0.08779

Weight: <None>
Min Conc: 0

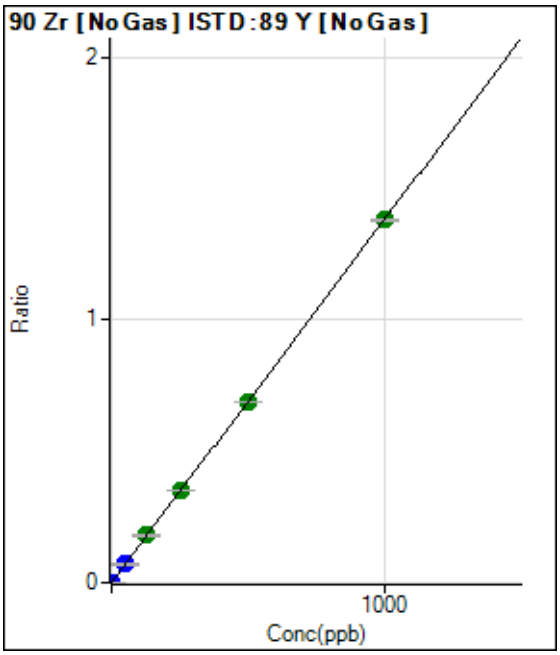


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.67	0.0000	P	25.0
2	☐	1.000	1.030	20268.51	0.0024	P	1.6
3	☐	1250.000	1287.491	24812428.24	2.9742	A	0.9
4	☐	3125.000	3211.937	59805334.66	7.4197	A	1.9
5	☐	6250.000	6301.787	115294657.1	14.5574	A	0.2
6	☐	12500.000	12372.015	217995532.3	28.5799	A	0.3
7	☐	25000.000	25038.304	444069811.1	57.8396	A	0.8
8	☐			73289.51	0.0100	P	5.4

y = 0.0023 * x + 1.6130E-005
R = 1.0000
DL = 0.005228
BEC = 0.006983

Weight: <None>
Min Conc: 0

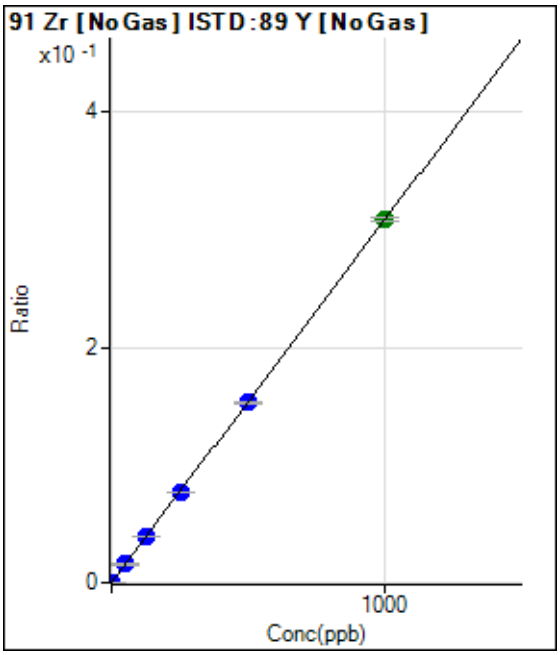
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.68	0.0001	P	6.1
2	☐	1.000	1.019	12458.71	0.0015	P	2.6
3	☐	50.000	50.737	585385.47	0.0702	P	2.6
4	☐	125.000	129.777	1446040.78	0.1794	A	1.7
5	☐	250.000	253.146	2771133.19	0.3499	A	0.2
6	☐	500.000	498.812	5258200.76	0.6894	A	0.3
7	☐	1000.000	999.174	10601342.27	1.3808	A	0.7
8	☐			7310.77	0.0010	P	2.2

y = 0.0014 * x + 6.3329E-005
R = 1.0000
DL = 0.008333
BEC = 0.04583

Weight: <None>
Min Conc: 0

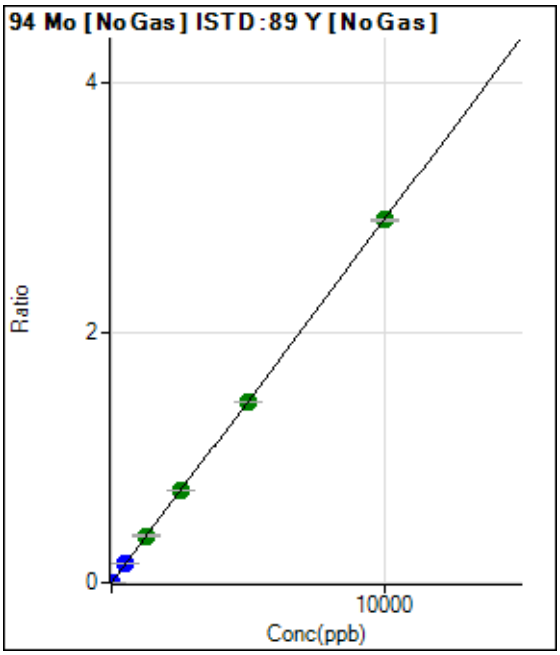


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.33	0.0000	P	4.9
2	☐	1.000	1.021	2784.73	0.0003	P	4.4
3	☐	50.000	50.476	129872.73	0.0156	P	2.0
4	☐	125.000	128.519	319319.35	0.0396	P	1.9
5	☐	250.000	250.769	612126.37	0.0773	P	0.6
6	☐	500.000	496.773	1167753.35	0.1531	P	0.4
7	☐	1000.000	1000.957	2368372.53	0.3085	A	1.2
8	☐			1632.33	0.0002	P	1.2

y = 3.0815E-004 * x + 1.4554E-005
R = 1.0000
DL = 0.006927
BEC = 0.04723

Weight: <None>
Min Conc: 0

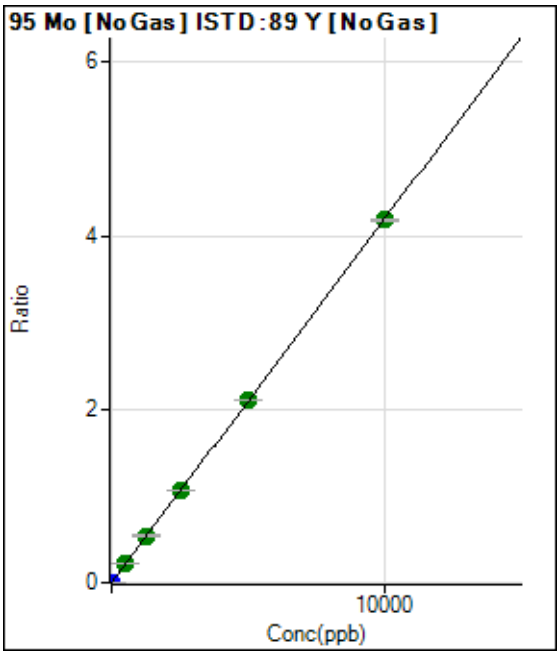
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	206.67	0.0000	P	14.3
2	☐	5.000	5.761	14402.70	0.0017	P	2.9
3	☐	500.000	513.853	1248291.41	0.1496	P	1.4
4	☐	1250.000	1290.665	3029277.28	0.3758	A	1.1
5	☐	2500.000	2545.555	5869843.66	0.7412	A	0.7
6	☐	5000.000	4990.109	11081824.69	1.4529	A	0.4
7	☐	10000.000	9987.781	22326230.78	2.9080	A	0.3
8	☐			7248.52	0.0010	P	2.2

y = 2.9115E-004 * x + 2.4391E-005
R = 1.0000
DL = 0.03594
BEC = 0.08378

Weight: <None>
Min Conc: 0

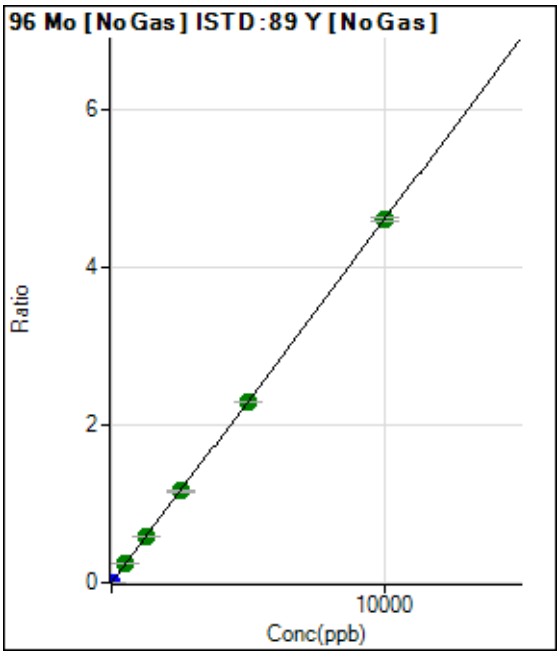


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	17.0
2	☐	5.000	4.824	17155.66	0.0020	P	3.9
3	☐	500.000	514.688	1798976.79	0.2157	A	3.0
4	☐	1250.000	1292.845	4366836.78	0.5417	A	1.2
5	☐	2500.000	2534.301	8410036.75	1.0619	A	1.1
6	☐	5000.000	5014.268	16026119.76	2.1011	A	0.3
7	☐	10000.000	9978.201	32100758.97	4.1811	A	0.5
8	☐			8038.92	0.0011	P	4.0

y = 4.1902E-004 * x + 6.2964E-006
R = 1.0000
DL = 0.007648
BEC = 0.01503

Weight: <None>
Min Conc: 0

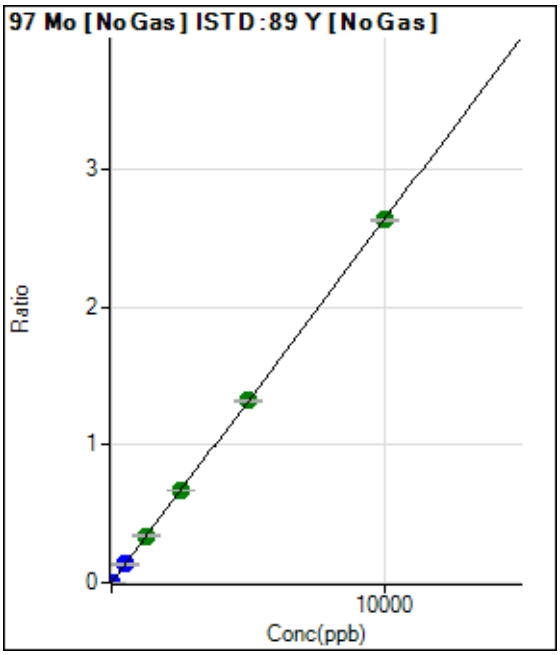
Reviewed By:Mohan
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	10.0
2	☐	5.000	4.912	19210.51	0.0023	P	4.4
3	☐	500.000	510.318	1957382.26	0.2346	A	2.4
4	☐	1250.000	1285.097	4762696.66	0.5909	A	1.5
5	☐	2500.000	2531.921	9219418.89	1.1641	A	1.4
6	☐	5000.000	4993.649	17512883.77	2.2960	A	0.2
7	☐	10000.000	9990.292	35265197.53	4.5934	A	1.1
8	☐			13520.78	0.0018	P	2.8

y = 4.5978E-004 * x + 1.1799E-005
R = 1.0000
DL = 0.007683
BEC = 0.02566

Weight: <None>
Min Conc: 0

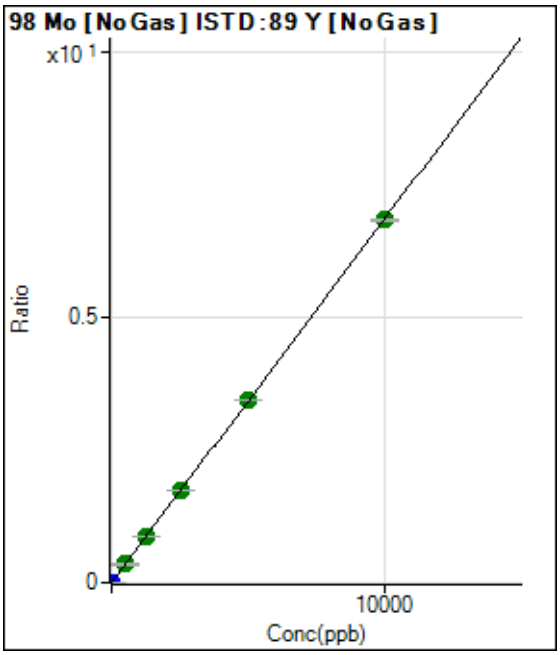


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	28.89	0.0000	P	13.6
2	☐	5.000	4.891	10964.18	0.0013	P	3.3
3	☐	500.000	508.111	1119939.12	0.1343	P	2.2
4	☐	1250.000	1293.767	2755115.24	0.3418	A	2.4
5	☐	2500.000	2533.971	5302569.29	0.6695	A	0.6
6	☐	5000.000	5002.298	10081475.68	1.3217	A	0.1
7	☐	10000.000	9984.482	20254202.20	2.6381	A	0.8
8	☐			4759.71	0.0006	P	3.2

y = 2.6422E-004 * x + 3.4098E-006
R = 1.0000
DL = 0.005273
BEC = 0.0129

Weight: <None>
Min Conc: 0

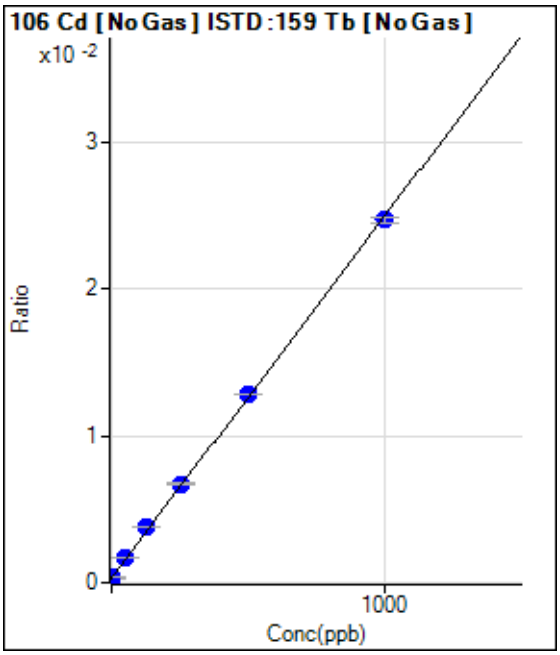
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.44	0.0000	P	55.5
2	☐	5.000	4.846	28149.43	0.0033	P	3.3
3	☐	500.000	506.260	2892208.67	0.3467	A	2.1
4	☐	1250.000	1278.557	7056589.69	0.8756	A	2.7
5	☐	2500.000	2536.871	13759349.79	1.7374	A	0.8
6	☐	5000.000	5012.304	26182638.22	3.4326	A	0.1
7	☐	10000.000	9980.748	52478015.88	6.8352	A	0.3
8	☐			11884.91	0.0016	P	4.0

y = 6.8484E-004 * x + 7.6129E-006
R = 1.0000
DL = 0.01852
BEC = 0.01112

Weight: <None>
Min Conc: 0

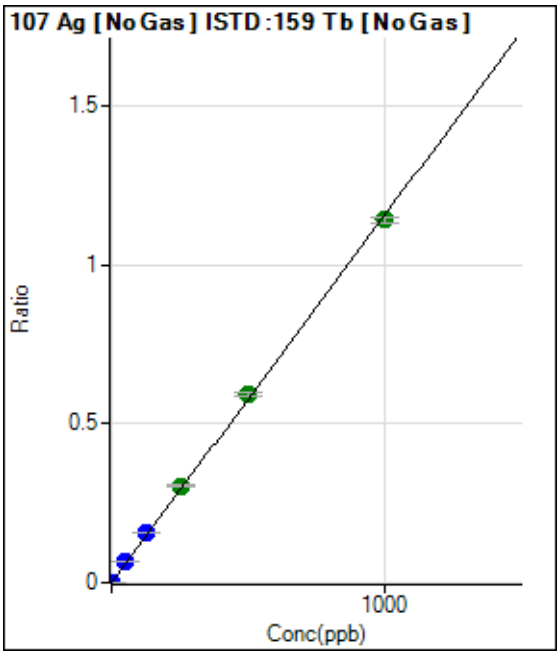


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2160.18	0.0003	P	1.6
2	☐	1.000	1.450	2420.23	0.0004	P	3.1
3	☐	50.000	55.870	11245.55	0.0017	P	1.2
4	☐	125.000	141.472	25166.28	0.0038	P	2.1
5	☐	250.000	260.868	45376.15	0.0067	P	0.4
6	☐	500.000	508.455	83152.69	0.0128	P	0.2
7	☐	1000.000	990.703	163572.33	0.0247	P	1.3
8	☐			1901.25	0.0003	P	3.9

y = 2.4609E-005 * x + 3.1796E-004
R = 0.9998
DL = 0.6214
BEC = 12.92

Weight: <None>
Min Conc: 0

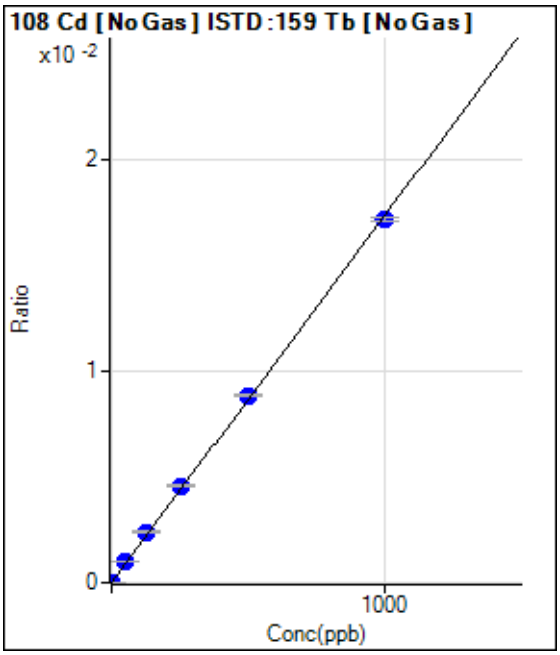
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.55	0.0000	P	19.1
2	☐	1.000	1.065	8478.11	0.0012	P	7.5
3	☐	50.000	56.027	430636.26	0.0648	P	1.0
4	☐	125.000	135.811	1040732.62	0.1571	P	1.6
5	☐	250.000	263.149	2050058.18	0.3044	A	1.5
6	☐	500.000	513.655	3850978.48	0.5942	A	1.6
7	☐	1000.000	988.233	7571587.74	1.1433	A	1.4
8	☐			1050.05	0.0002	P	15.5

y = 0.0012 * x + 8.1750E-006
R = 0.9997
DL = 0.004051
BEC = 0.007067

Weight: <None>
Min Conc: 0

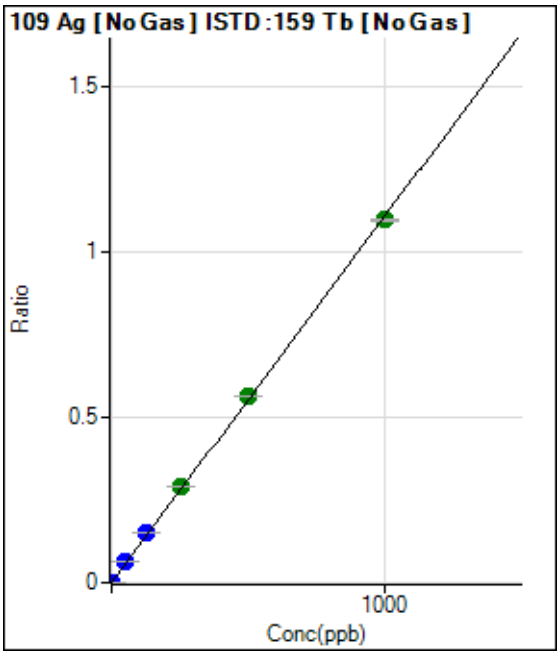


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0000	P	42.9
2	☐	1.000	0.994	131.11	0.0000	P	9.6
3	☐	50.000	56.205	6479.28	0.0010	P	2.3
4	☐	125.000	138.738	15931.03	0.0024	P	1.4
5	☐	250.000	263.087	30696.95	0.0046	P	1.8
6	☐	500.000	510.590	57321.42	0.0088	P	0.4
7	☐	1000.000	989.406	113498.59	0.0171	P	0.9
8	☐			54.44	0.0000	P	8.6

y = 1.7319E-005 * x + 1.9607E-006
R = 0.9998
DL = 0.1458
BEC = 0.1132

Weight: <None>
Min Conc: 0

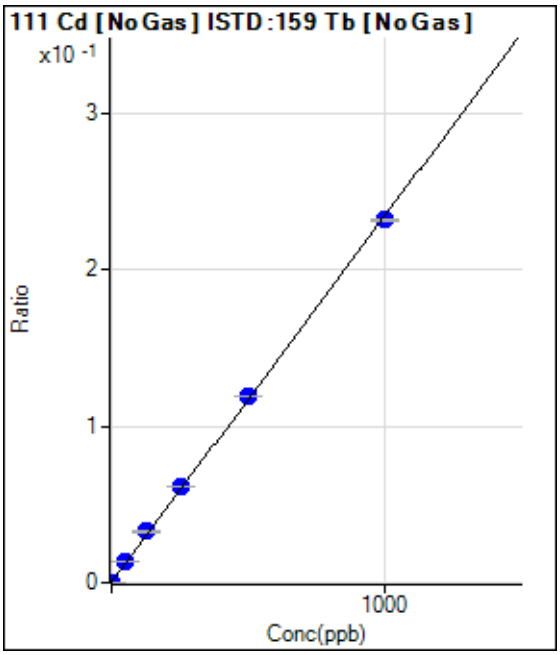
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.56	0.0000	P	39.0
2	☐	1.000	1.052	7978.93	0.0012	P	5.2
3	☐	50.000	56.009	411090.16	0.0619	P	2.2
4	☐	125.000	135.756	993519.63	0.1500	P	1.4
5	☐	250.000	262.806	1955218.32	0.2904	A	1.6
6	☐	500.000	508.282	3639444.95	0.5616	A	0.5
7	☐	1000.000	991.013	7251219.34	1.0949	A	0.8
8	☐			1003.38	0.0002	P	14.5

y = 0.0011 * x + 5.2321E-006
R = 0.9998
DL = 0.005541
BEC = 0.004736

Weight: <None>
Min Conc: 0

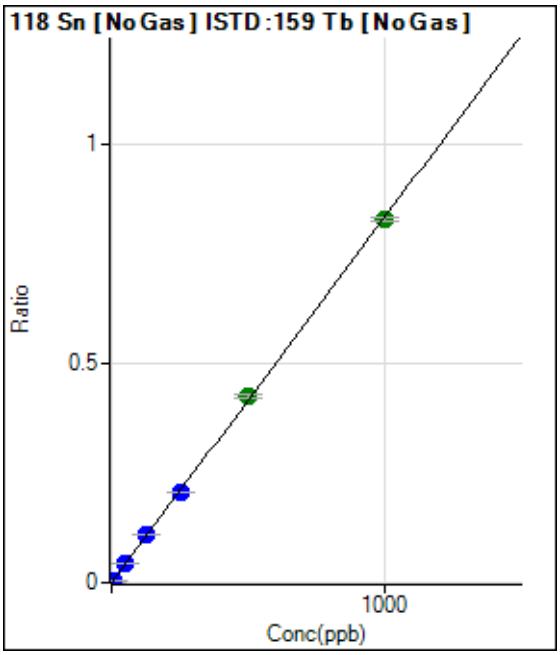


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1506.13	0.0002	P	1.7
2	☐	1.000	1.182	3408.07	0.0005	P	2.7
3	☐	50.000	56.222	88907.32	0.0134	P	1.2
4	☐	125.000	138.442	216141.26	0.0326	P	1.5
5	☐	250.000	259.869	411205.72	0.0611	P	0.4
6	☐	500.000	509.946	775120.41	0.1196	P	0.5
7	☐	1000.000	990.568	1537239.70	0.2321	P	0.6
8	☐			1609.44	0.0003	P	5.3

y = 2.3410E-004 * x + 2.2169E-004
R = 0.9998
DL = 0.04726
BEC = 0.947

Weight: <None>
Min Conc: 0

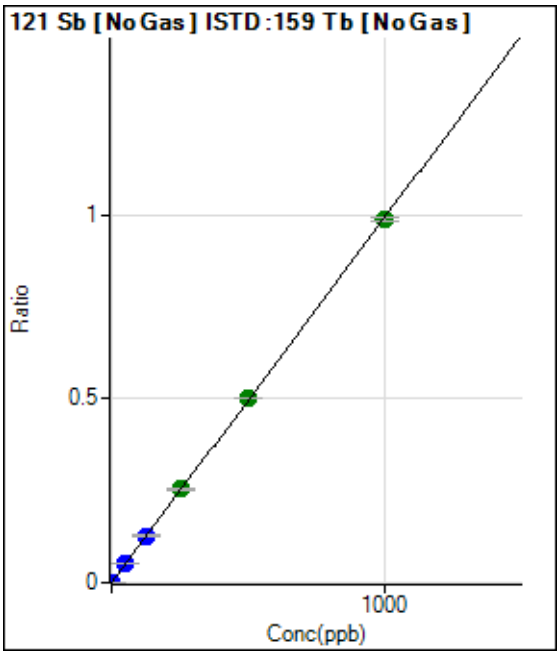
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	867.83	0.0001	P	5.9
2	☐	5.000	5.172	30353.07	0.0044	P	4.3
3	☐	50.000	52.357	290843.03	0.0438	P	0.9
4	☐	125.000	130.735	722911.97	0.1091	P	0.8
5	☐	250.000	247.275	1389320.95	0.2063	P	0.9
6	☐	500.000	512.549	2770492.39	0.4275	A	2.1
7	☐	1000.000	993.571	5487209.02	0.8285	A	1.1
8	☐			5927.94	0.0009	P	2.3

y = 8.3378E-004 * x + 1.2772E-004
R = 0.9999
DL = 0.02697
BEC = 0.1532

Weight: <None>
Min Conc: 0

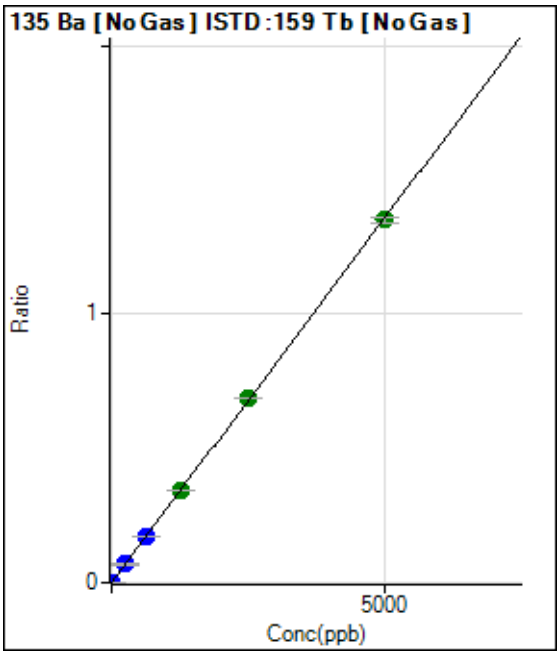


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	51.3
2	☐	2.000	2.102	14288.29	0.0021	P	4.4
3	☐	50.000	52.543	346069.18	0.0521	P	0.9
4	☐	125.000	129.093	847759.15	0.1280	P	1.4
5	☐	250.000	256.472	1712530.29	0.2543	A	0.8
6	☐	500.000	506.920	3256984.36	0.5026	A	0.5
7	☐	1000.000	994.283	6528274.28	0.9857	A	1.2
8	☐			5535.57	0.0009	P	4.2

y = 9.9138E-004 * x + 5.5541E-006
R = 0.9999
DL = 0.008629
BEC = 0.005602

Weight: <None>
Min Conc: 0

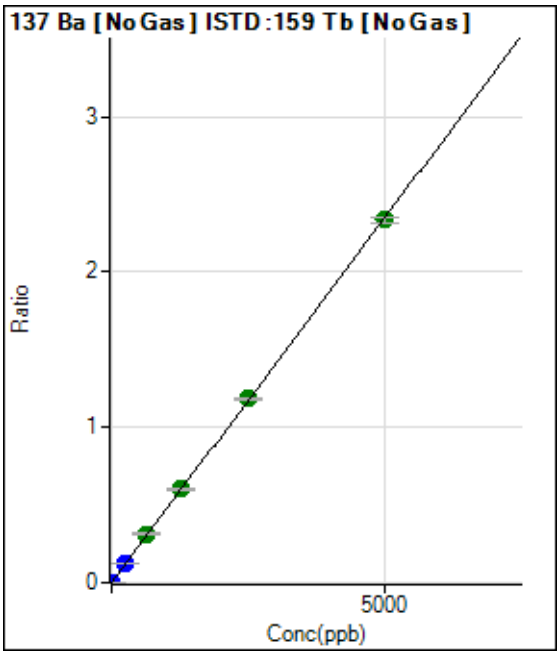
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	18.3
2	☐	10.000	9.939	18515.47	0.0027	P	2.4
3	☐	250.000	251.981	454423.93	0.0684	P	1.6
4	☐	625.000	629.351	1131548.42	0.1708	P	1.7
5	☐	1250.000	1265.211	2312626.11	0.3434	A	1.2
6	☐	2500.000	2534.741	4458720.97	0.6880	A	0.8
7	☐	5000.000	4978.184	8948789.03	1.3512	A	1.3
8	☐			3254.85	0.0005	P	2.6

y = 2.7143E-004 * x + 9.8158E-006
R = 1.0000
DL = 0.01983
BEC = 0.03616

Weight: <None>
Min Conc: 0

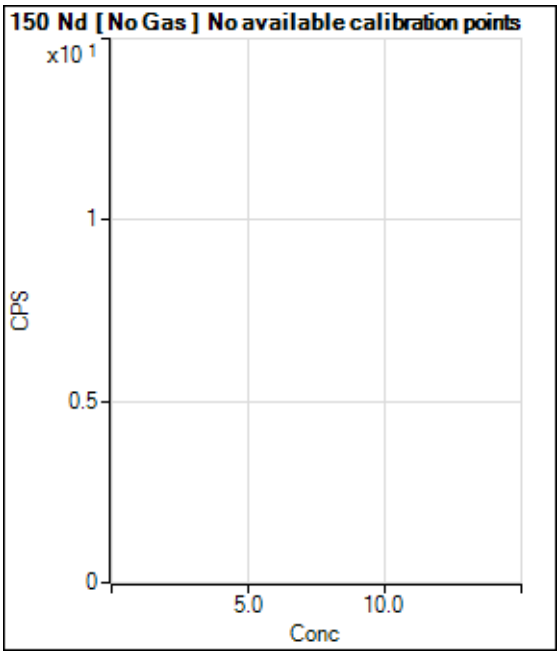


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.00	0.0000	P	24.5
2	☐	10.000	9.923	31944.83	0.0047	P	4.4
3	☐	250.000	253.710	790584.40	0.1190	P	1.2
4	☐	625.000	668.775	2077752.95	0.3137	A	2.6
5	☐	1250.000	1279.569	4041517.55	0.6001	A	1.0
6	☐	2500.000	2520.846	7662496.76	1.1823	A	0.7
7	☐	5000.000	4976.527	15457899.08	2.3340	A	1.5
8	☐			5730.09	0.0009	P	3.0

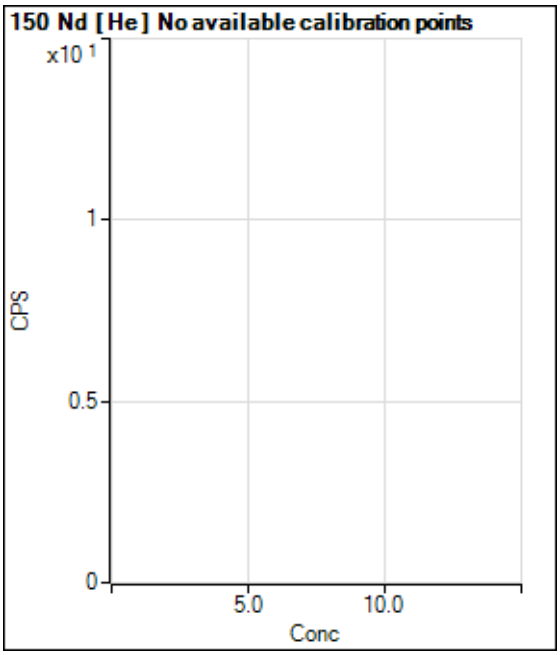
y = 4.6901E-004 * x + 1.9136E-005
R = 0.9999
DL = 0.03001
BEC = 0.0408

Weight: <None>
Min Conc: 0

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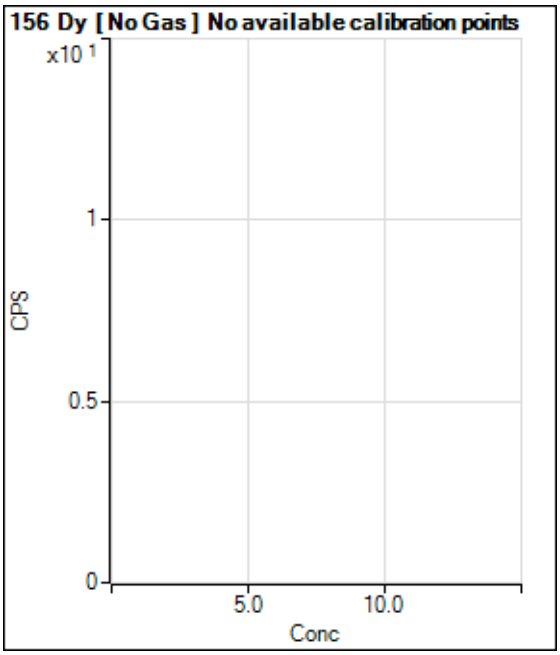


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	78.1
2	☐			4.44		P	43.4
3	☐			32.22		P	48.9
4	☐			91.11		P	24.4
5	☐			150.00		P	24.4
6	☐			276.67		P	4.8
7	☐			490.01		P	1.4
8	☐			134.45		P	3.8

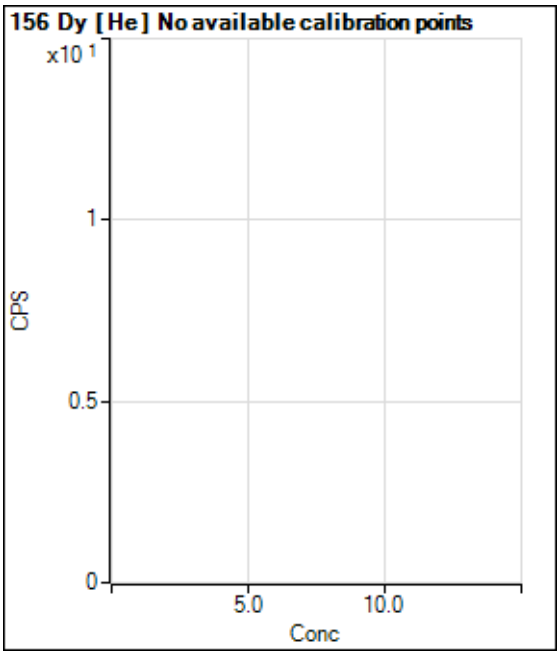


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			7.78		P	65.5
4	☐			15.56		P	32.7
5	☐			35.56		P	23.6
6	☐			44.45		P	43.9
7	☐			96.67		P	23.9
8	☐			91.11		P	17.3

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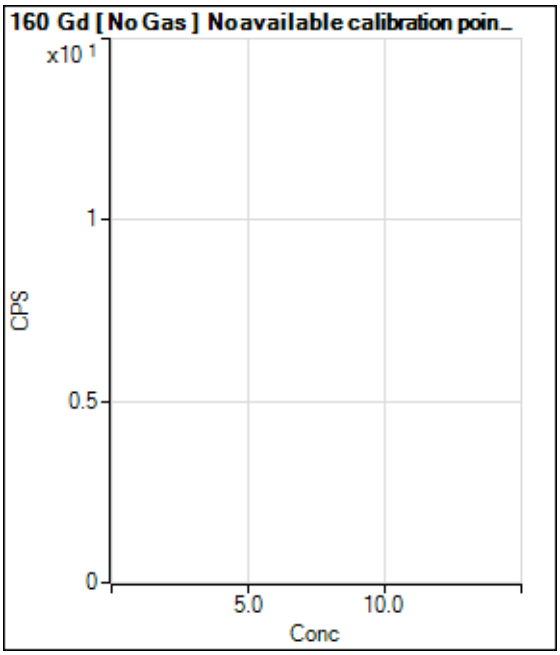


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			410.01		P	8.9
2	☐			416.68		P	13.9
3	☐			353.34		P	8.6
4	☐			337.79		P	6.6
5	☐			355.56		P	12.9
6	☐			346.67		P	5.8
7	☐			407.79		P	6.1
8	☐			474.46		P	12.4

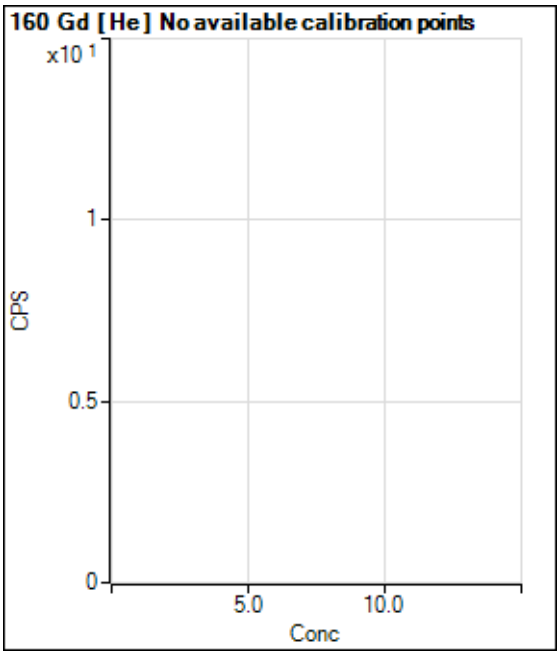


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1	☐			187.78		P	16.5
2	☐			167.78		P	7.5
3	☐			163.34		P	4.1
4	☐			174.45		P	6.7
5	☐			195.56		P	14.5
6	☐			251.12		P	9.6
7	☐			458.90		P	12.2
8	☐			262.23		P	7.0

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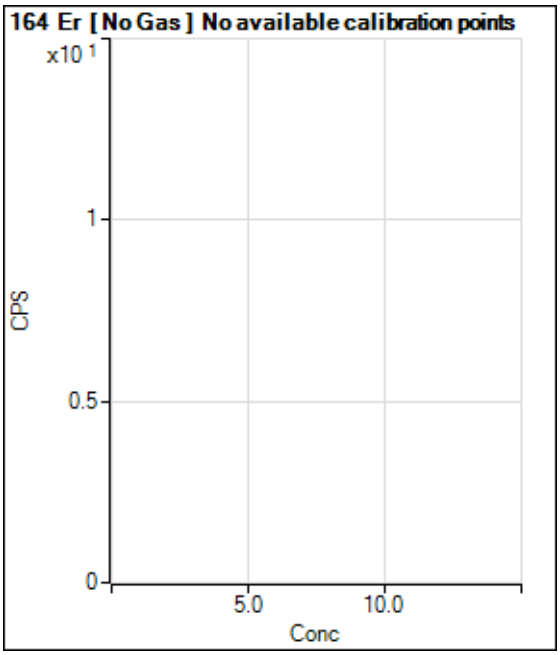


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			18.89		P	27.0
2	☐			20.00		P	33.4
3	☐			20.00		P	116.
4	☐			40.00		P	22.0
5	☐			30.00		P	11.1
6	☐			58.89		P	41.0
7	☐			104.44		P	4.9
8	☐			207.78		P	16.1

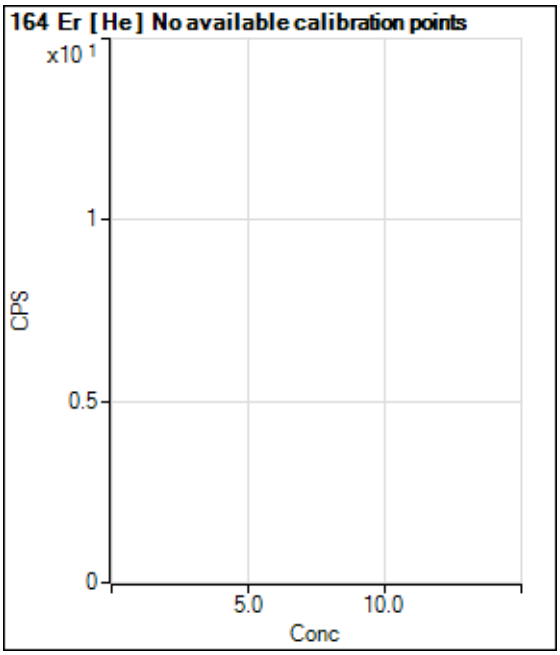


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1	☐			215.56		P	3.6
2	☐			223.34		P	16.8
3	☐			213.34		P	15.4
4	☐			202.23		P	12.5
5	☐			196.67		P	3.4
6	☐			216.67		P	12.0
7	☐			215.56		P	6.2
8	☐			322.23		P	13.1

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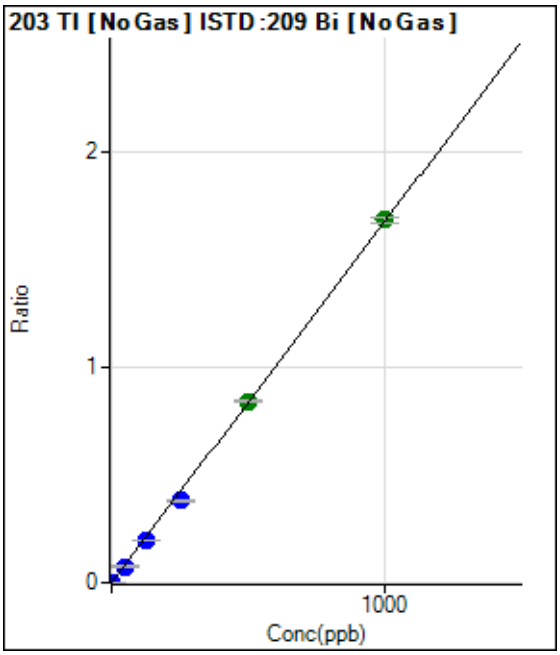


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			31.11		P	60.9
2	☐			28.89		P	26.6
3	☐			18.89		P	27.0
4	☐			35.55		P	19.5
5	☐			41.11		P	36.6
6	☐			55.56		P	15.1
7	☐			118.89		P	32.3
8	☐			248.89		P	10.1



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			16.67		P	52.9
2	☐			10.00		P	57.7
3	☐			26.66		P	43.3
4	☐			12.22		P	15.7
5	☐			28.89		P	43.7
6	☐			44.44		P	28.4
7	☐			73.33		P	35.5
8	☐			148.89		P	30.4

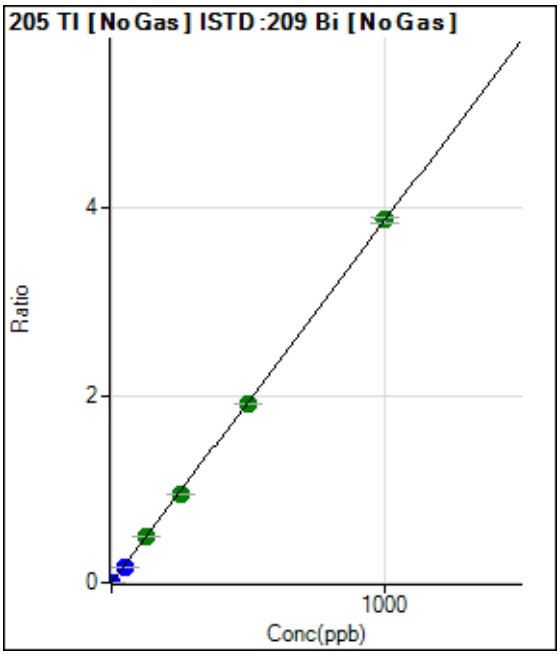
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	282.23	0.0001	P	12.2
2	☐	1.000	0.927	6709.49	0.0016	P	9.3
3	☐	50.000	45.066	310227.55	0.0756	P	2.7
4	☐	125.000	116.937	789976.49	0.1960	P	0.4
5	☐	250.000	227.281	1558149.94	0.3809	P	1.1
6	☐	500.000	502.666	3328847.97	0.8423	A	0.8
7	☐	1000.000	1005.602	6741605.80	1.6849	A	1.4
8	☐			848.92	0.0002	P	10.4

y = 0.0017 * x + 6.8433E-005
R = 0.9997
DL = 0.015
BEC = 0.04084

Weight: <None>
Min Conc: 0

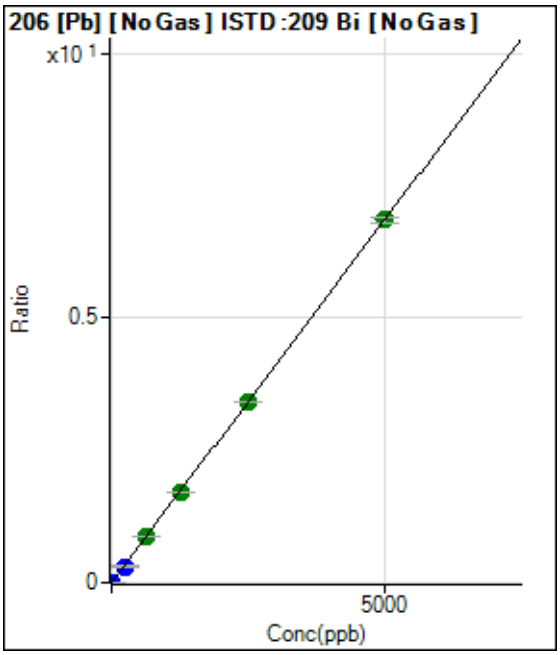


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	691.98	0.0002	P	4.6
2	☐	1.000	0.927	15522.91	0.0037	P	4.0
3	☐	50.000	44.444	705176.35	0.1718	P	1.8
4	☐	125.000	126.870	1974734.87	0.4900	A	1.8
5	☐	250.000	246.635	3896428.02	0.9524	A	0.3
6	☐	500.000	495.530	7562001.46	1.9134	A	0.1
7	☐	1000.000	1003.120	15496861.38	3.8731	A	1.9
8	☐			1816.92	0.0005	P	10.1

y = 0.0039 * x + 1.6783E-004
R = 1.0000
DL = 0.005998
BEC = 0.04347

Weight: <None>
Min Conc: 0

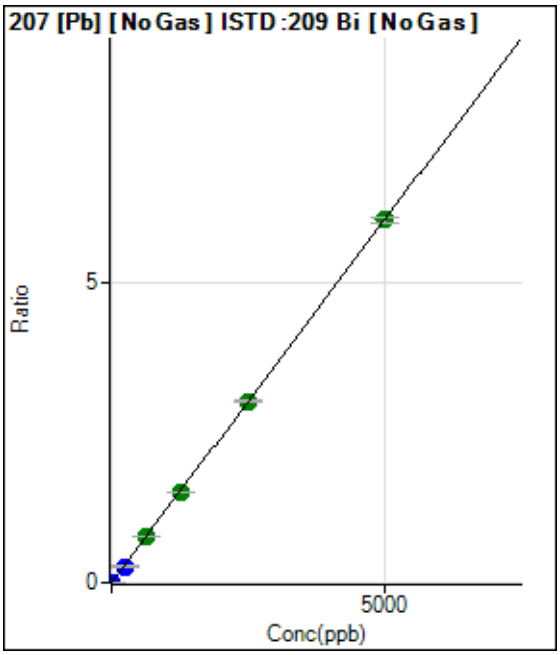
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	320.01	0.0001	P	8.9
2	☐	1.000	0.914	5503.38	0.0013	P	2.1
3	☐	250.000	224.093	1259195.62	0.3068	P	4.1
4	☐	625.000	643.043	3547808.59	0.8803	A	1.2
5	☐	1250.000	1246.505	6980219.41	1.7063	A	0.7
6	☐	2500.000	2493.427	13489357.16	3.4130	A	0.7
7	☐	5000.000	5003.200	27401249.59	6.8483	A	1.4
8	☐			5619.00	0.0016	P	5.6

y = 0.0014 * x + 7.7581E-005
R = 1.0000
DL = 0.01517
BEC = 0.05668

Weight: <None>
Min Conc: 0

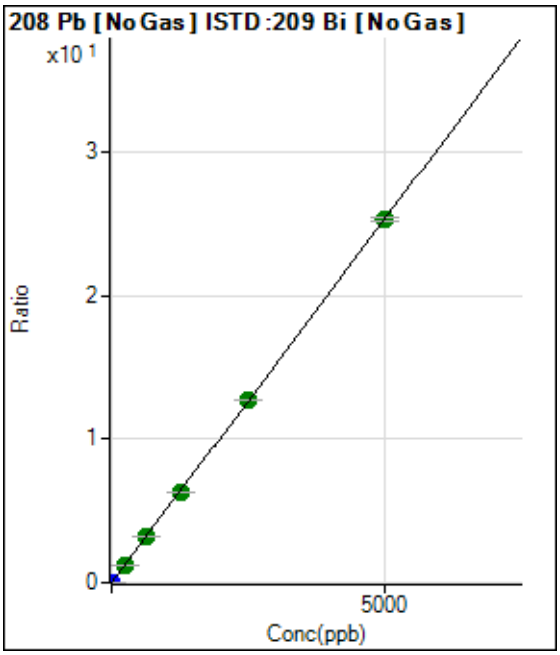


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	333.34	0.0001	P	12.0
2	☐	1.000	0.883	4767.55	0.0012	P	4.4
3	☐	250.000	223.149	1110333.73	0.2704	P	1.9
4	☐	625.000	642.585	3138055.75	0.7786	A	1.3
5	☐	1250.000	1238.470	6139087.75	1.5006	A	0.7
6	☐	2500.000	2502.112	11982203.02	3.0316	A	1.0
7	☐	5000.000	5000.971	24243994.08	6.0593	A	1.6
8	☐			4975.40	0.0014	P	7.3

y = 0.0012 * x + 8.0818E-005
R = 1.0000
DL = 0.02393
BEC = 0.0667

Weight: <None>
Min Conc: 0

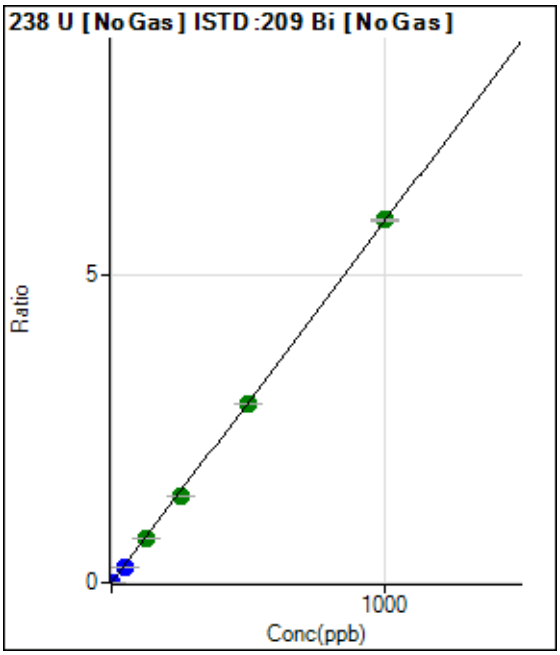
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1403.98	0.0003	P	11.0
2	☐	1.000	0.953	21357.19	0.0052	P	4.5
3	☐	250.000	236.519	4911147.09	1.1963	A	2.0
4	☐	625.000	640.609	13056547.05	3.2395	A	0.9
5	☐	1250.000	1245.897	25774171.30	6.3001	A	0.4
6	☐	2500.000	2512.814	50219265.76	12.7062	A	0.8
7	☐	5000.000	4993.342	101024723.2	25.2487	A	1.2
8	☐			20745.91	0.0059	P	6.2

y = 0.0051 * x + 3.4043E-004
R = 1.0000
DL = 0.02216
BEC = 0.06733

Weight: <None>
Min Conc: 0

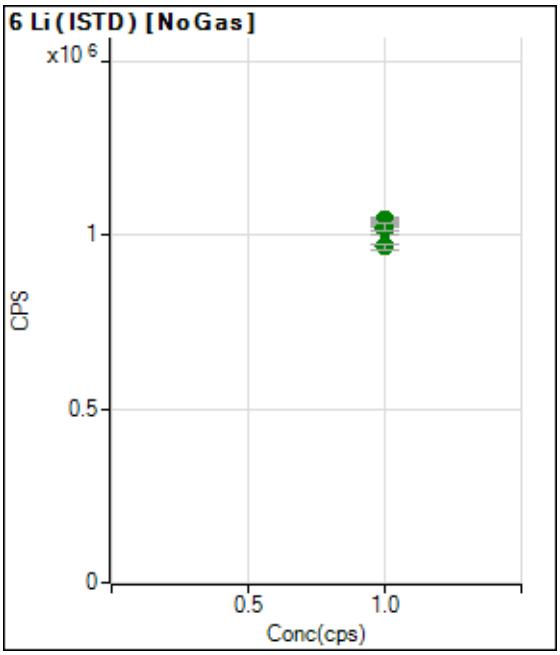


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	370.01	0.0001	P	4.5
2	☐	1.000	0.819	20282.17	0.0049	P	4.0
3	☐	50.000	41.300	995302.52	0.2425	P	3.7
4	☐	125.000	122.138	2889724.99	0.7170	A	1.6
5	☐	250.000	240.793	5782294.08	1.4134	A	0.9
6	☐	500.000	496.172	11510017.75	2.9123	A	0.7
7	☐	1000.000	1005.008	23602375.48	5.8988	A	0.7
8	☐			1326.75	0.0004	P	19.4

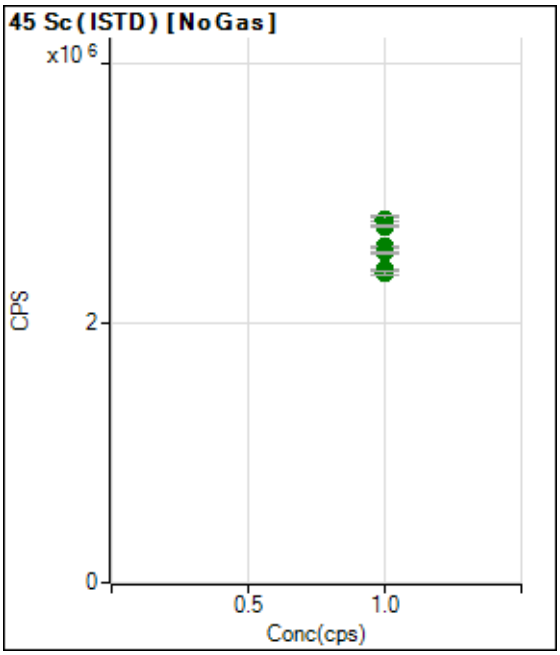
y = 0.0059 * x + 8.9726E-005
R = 0.9999
DL = 0.002077
BEC = 0.01529

Weight: <None>
Min Conc: 0

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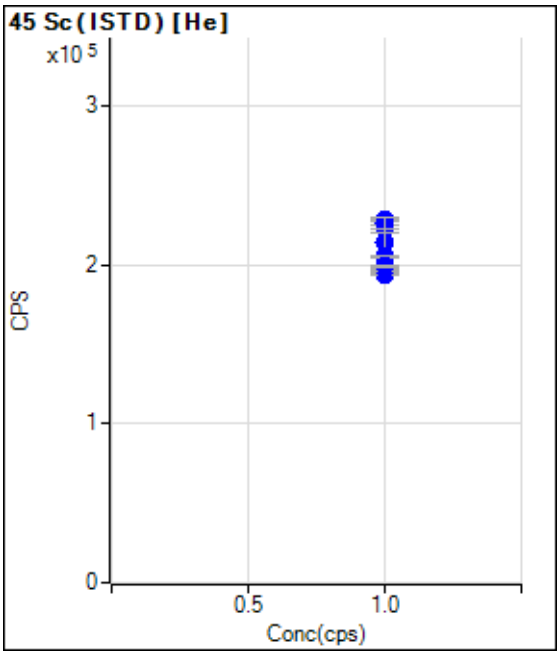


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1	☐	1.000		1045008.79		A	1.0
2	☐	1.000		1040230.46		A	2.2
3	☐	1.000		1017700.33		A	3.0
4	☐	1.000		1036249.95		A	2.7
5	☐	1.000		1039932.11		A	1.5
6	☐	1.000		1037045.93		A	1.3
7	☐	1.000		1024479.26		A	2.5
8	☐	1.000		966780.49		A	1.7

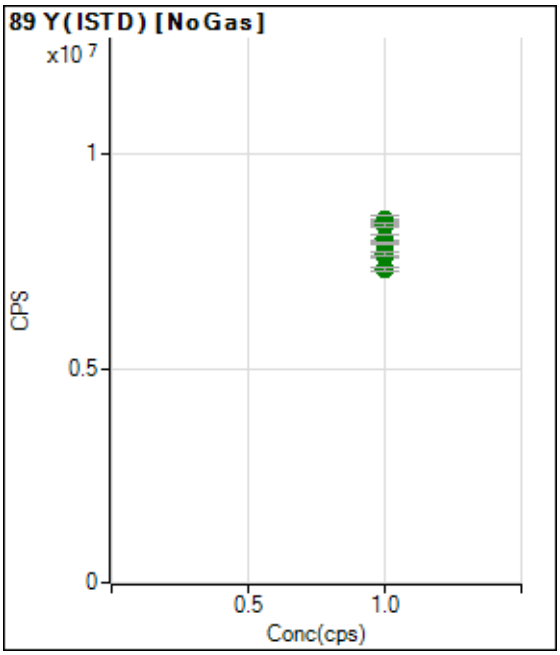


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1	☐	1.000		2795129.61		A	0.9
2	☐	1.000		2792518.40		A	2.9
3	☐	1.000		2747963.22		A	0.3
4	☐	1.000		2588170.86		A	0.9
5	☐	1.000		2545292.72		A	0.5
6	☐	1.000		2413406.94		A	0.5
7	☐	1.000		2412851.08		A	0.8
8	☐	1.000		2383645.90		A	1.4

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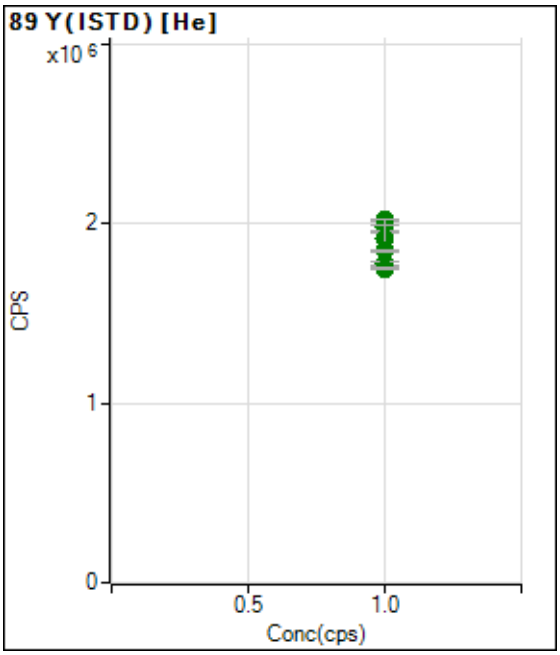


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1	☐	1.000		228346.40		P	0.4
2	☐	1.000		222283.18		P	2.3
3	☐	1.000		225907.20		P	3.2
4	☐	1.000		214082.01		P	8.5
5	☐	1.000		205156.34		P	0.3
6	☐	1.000		194013.32		P	0.7
7	☐	1.000		196964.08		P	0.5
8	☐	1.000		199413.08		P	0.7

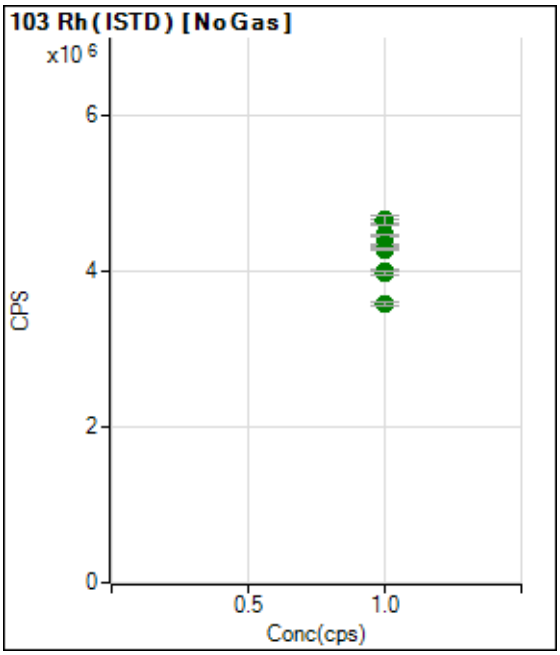


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8475045.64		A	0.5
2	☐	1.000		8467030.36		A	2.5
3	☐	1.000		8342809.11		A	0.9
4	☐	1.000		8062077.94		A	2.1
5	☐	1.000		7920082.10		A	0.9
6	☐	1.000		7627558.98		A	0.5
7	☐	1.000		7677644.19		A	0.7
8	☐	1.000		7324048.29		A	0.7

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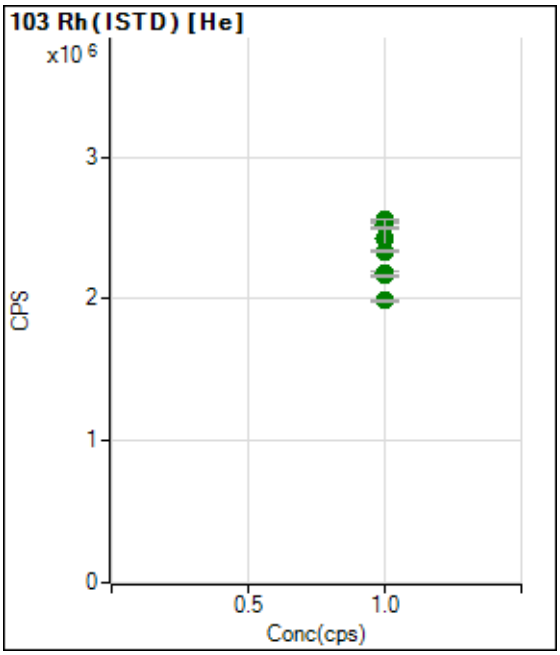


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2023209.27		A	0.7
2	☐	1.000		1984003.43		A	3.2
3	☐	1.000		1993652.71		A	3.6
4	☐	1.000		1920180.11		A	8.1
5	☐	1.000		1850772.63		A	0.4
6	☐	1.000		1765969.63		A	0.9
7	☐	1.000		1778618.32		A	1.3
8	☐	1.000		1753132.00		A	0.8

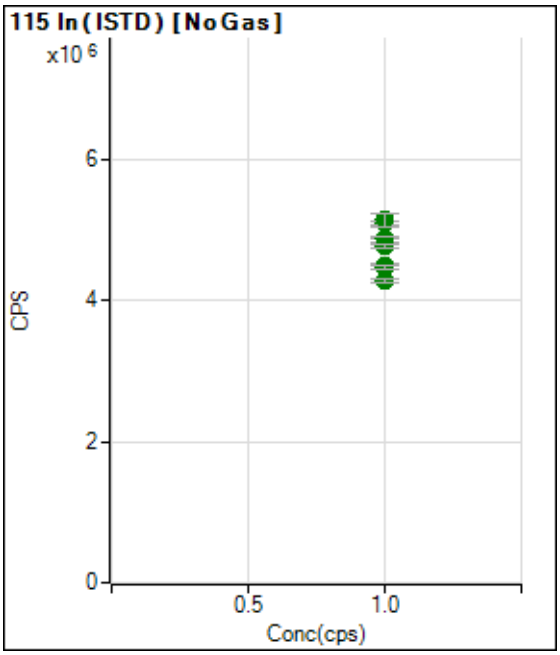


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1	☐	1.000		4641529.65		A	0.7
2	☐	1.000		4659139.03		A	2.7
3	☐	1.000		4458781.01		A	0.4
4	☐	1.000		4335375.28		A	1.1
5	☐	1.000		4279757.61		A	0.8
6	☐	1.000		4005055.60		A	0.8
7	☐	1.000		3971415.98		A	1.3
8	☐	1.000		3585215.40		A	1.3

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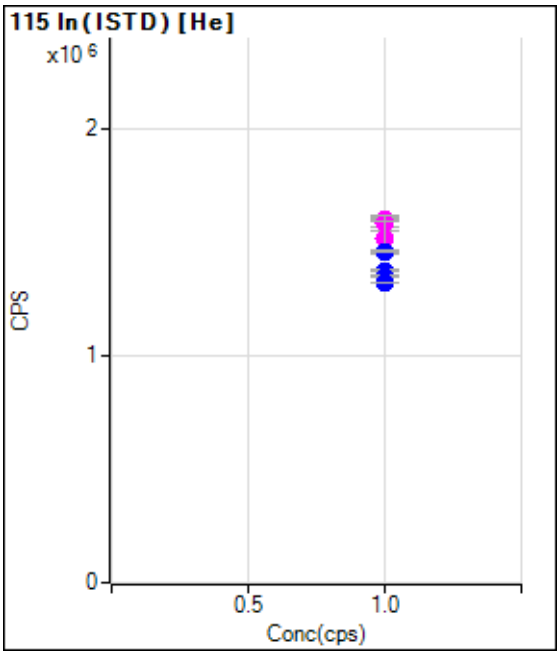


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1	☐	1.000		2557780.24		A	0.7
2	☐	1.000		2515771.66		A	1.8
3	☐	1.000		2527725.67		A	3.1
4	☐	1.000		2424368.07		A	6.8
5	☐	1.000		2338531.72		A	0.5
6	☐	1.000		2178594.15		A	1.4
7	☐	1.000		2166689.60		A	0.4
8	☐	1.000		1988213.58		A	0.8

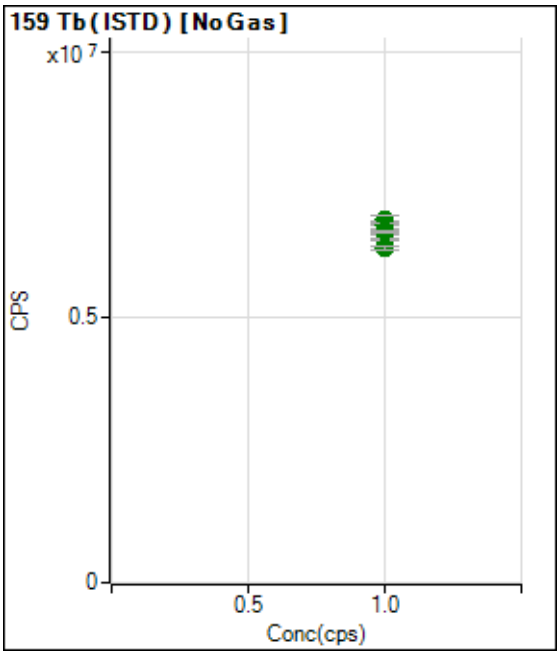


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5100242.49		A	0.7
2	☐	1.000		5144517.41		A	3.5
3	☐	1.000		4892182.69		A	1.0
4	☐	1.000		4870688.87		A	1.3
5	☐	1.000		4776372.57		A	0.9
6	☐	1.000		4511105.63		A	0.2
7	☐	1.000		4479384.97		A	1.1
8	☐	1.000		4291429.62		A	1.3

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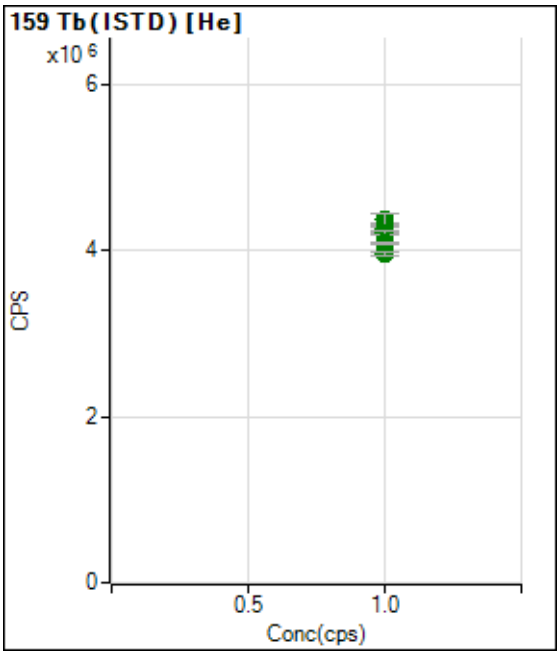


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1601115.55		M	1.0
2	☐	1.000		1587791.83		M	2.6
3	☐	1.000		1584274.36		M	4.2
4	☐	1.000		1523069.96		M	9.0
5	☐	1.000		1463464.54		P	0.6
6	☐	1.000		1378579.41		P	0.4
7	☐	1.000		1352683.47		P	0.2
8	☐	1.000		1326378.99		P	0.1

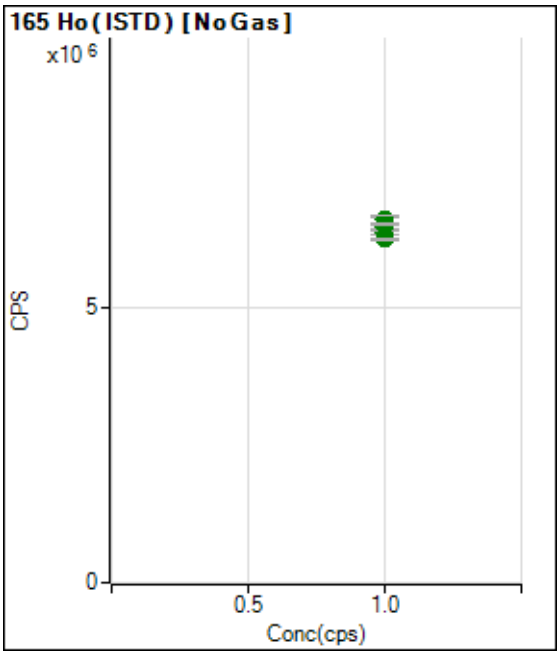


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6793862.82		A	0.3
2	☐	1.000		6841362.33		A	2.8
3	☐	1.000		6642989.62		A	0.3
4	☐	1.000		6624907.26		A	1.8
5	☐	1.000		6734821.63		A	1.4
6	☐	1.000		6480818.93		A	0.5
7	☐	1.000		6622797.89		A	0.2
8	☐	1.000		6313753.66		A	0.9

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

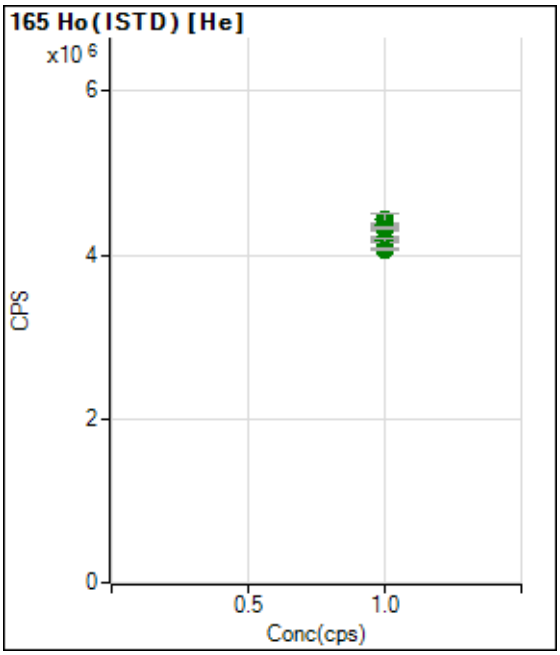


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4336185.04		A	0.1
2	☐	1.000		4258692.40		A	2.0
3	☐	1.000		4372399.59		A	3.4
4	☐	1.000		4268900.84		A	8.1
5	☐	1.000		4215974.69		A	1.1
6	☐	1.000		4092008.97		A	0.5
7	☐	1.000		4089098.52		A	0.4
8	☐	1.000		3962428.87		A	1.5

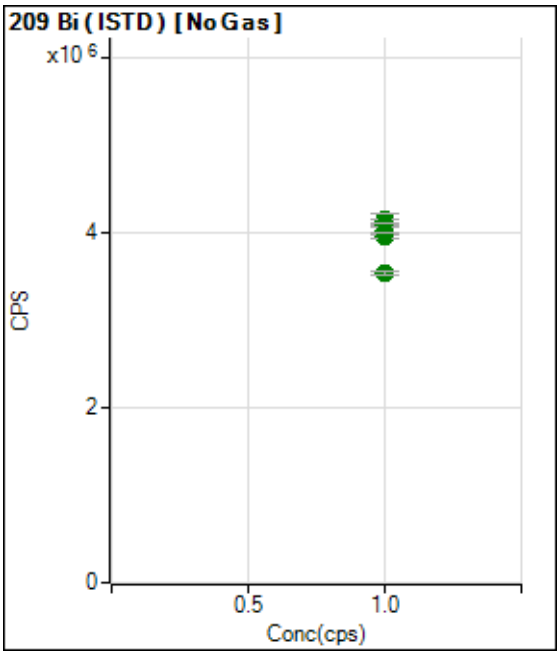


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6611251.64		A	1.2
2	☐	1.000		6616551.15		A	2.6
3	☐	1.000		6478890.81		A	1.5
4	☐	1.000		6493149.97		A	1.9
5	☐	1.000		6513947.68		A	1.4
6	☐	1.000		6375448.72		A	1.3
7	☐	1.000		6536810.67		A	0.8
8	☐	1.000		6272769.07		A	0.5

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

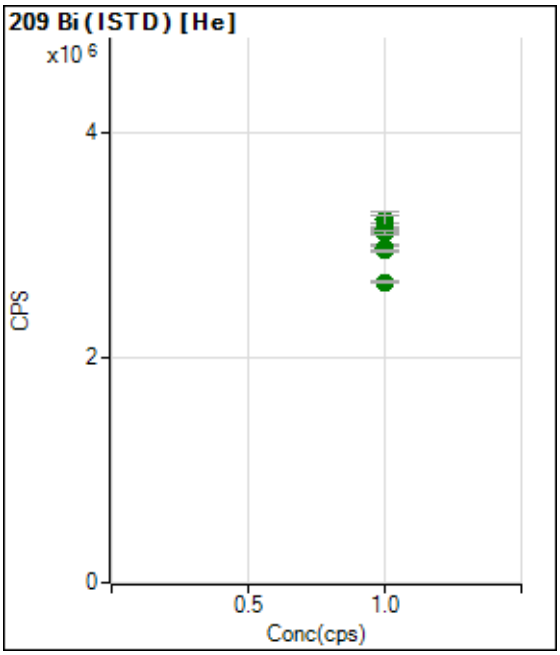


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4382825.07		A	0.5
2	☐	1.000		4341814.24		A	2.0
3	☐	1.000		4426587.40		A	3.6
4	☐	1.000		4359873.27		A	6.4
5	☐	1.000		4326709.97		A	0.6
6	☐	1.000		4164490.29		A	0.3
7	☐	1.000		4184137.78		A	1.1
8	☐	1.000		4067465.88		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4123960.18		A	1.1
2	☐	1.000		4145549.14		A	3.3
3	☐	1.000		4106346.26		A	2.2
4	☐	1.000		4030798.69		A	1.7
5	☐	1.000		4091181.26		A	1.2
6	☐	1.000		3952170.98		A	1.0
7	☐	1.000		4001266.40		A	0.3
8	☐	1.000		3545580.82		A	1.2

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3161821.38		A	0.5
2	☐	1.000		3150721.69		A	2.5
3	☐	1.000		3225651.76		A	4.4
4	☐	1.000		3139753.74		A	8.2
5	☐	1.000		3113058.88		A	0.8
6	☐	1.000		2972820.72		A	0.9
7	☐	1.000		2951384.37		A	0.8
8	☐	1.000		2667530.52		A	0.6

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7
ClientSampleId :TUNE014

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7100724-MS6.b
Acq. Date-Time	2024-10-07 17:11:59
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		3073	30734.45			0.654	5.000
24		105671	1056709.22			0.320	5.000
25		13577	135770.98			0.627	5.000
26		15395	153950.12			0.573	5.000
59		28150	281503.32			0.561	5.000
113		2334	23343.72			0.565	5.000
115		52714	527140.56			0.788	5.000
206		11793	117929.01			0.714	5.000
207		9888	98876.10			1.057	5.000
208		23761	237609.81			0.735	5.000
220		0	4.60			32.061	

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

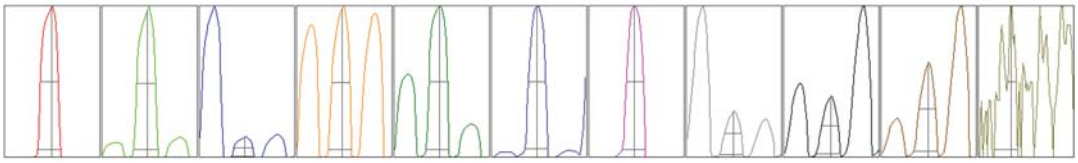
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3088	3080	3085	3039	3075
24	105777	105547	106011	105147	105873
25	13517	13528	13611	13518	13712
26	15360	15371	15396	15306	15541
59	28202	28094	28271	27902	28283
113	2348	2347	2334	2320	2323
115	53037	52942	52831	51995	52765
206	11799	11847	11849	11647	11823
207	9921	9972	9903	9706	9935
208	23709	23949	23756	23501	23889

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	1	1	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5785.22	9.00	8.90 - 9.10	
24	186459.43	23.95	23.90 - 24.10	
25	24464.16	24.95	24.90 - 25.10	
26	27808.72	25.95	25.90 - 26.10	
59	49434.37	58.95	58.90 - 59.10	
113	4483.49	112.95	112.90 - 113.10	
115	101568.72	114.95	114.90 - 115.10	
206	23022.14	206.00	205.90 - 206.10	
207	19141.02	207.00	206.90 - 207.10	
208	47116.74	208.00	207.90 - 208.10	
220	0.80	219.55	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.727	0.900	
24	0.60	0.778	0.900	
25	0.59	0.707	0.900	
26	0.59	0.737	0.900	
59	0.59	0.732	0.900	
113	0.53	0.733	0.900	
115	0.53	0.738	0.900	
206	0.53	0.741	0.900	
207	0.52	0.767	0.900	
208	0.52	0.766	0.900	
220	0.28	0.740		

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	-115.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2385 V	Pulse HV	1685 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		8990	89904.37			0.399	
89		84552	845523.35			0.707	
205		27535	275348.47			0.513	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9023	9034	8957	8963	8974
89	84855	85352	84361	83745	84449
205	27670	27694	27503	27384	27423

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	8.5 V	Deflect	3.6 V

US EPA Tune Check Report

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7
ClientSampleId :TUNE014

Extract 2	-115.0 V	Cell Entrance	-40 V	Plate Bias	-60
Omega Bias	-65 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9979	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2385 V	Pulse HV	1685 V

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:24:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.04	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	0.06	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.18	-0.05	0.23	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Calcium	43-1	-1.24	2.11	-0.87	0.00	N/A	ppb
Calcium	44-1	0.46	-0.17	-0.29	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-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	-0.06	0.04	0.03	0.00	N/A	ppb
Iron	57-2	1.12	-0.47	-0.65	0.00	N/A	ppb
Iron	54-2	-0.28	-0.05	0.33	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:24:59	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	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.11	0.03	-0.13	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-13.94	-17.00	-14.29	-15.08		ppb
Potassium	39-2	-0.32	-0.63	0.94	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.30	0.07	0.23	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	-1.91	1.88	0.00	N/A	ppb
Silicon	28-1	-0.03	0.04	-0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.14	-0.13	0.00	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	102.24	17.20	-13.99	35.15	171.14	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.01	0.00	N/A	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:24:59	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	0.04	0.01	-0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:28:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.31	19.66	20.29	20.09	1.84	ppb
Antimony	121-1	2.03	2.07	2.21	2.10	4.43	ppb
Arsenic	75-2	1.05	1.12	0.95	1.04	8.04	ppb
Barium	135-1	9.67	10.06	10.09	9.94	2.39	ppb
Barium	137-1	9.41	10.16	10.20	9.92	4.44	ppb
Beryllium	9-1	1.13	1.18	1.22	1.18	3.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.95	1.12	0.92	0.99	10.75	ppb
Cadmium	106-1	1.78	0.94	1.63	1.45	30.86	ppb
Cadmium	111-1	1.13	1.18	1.24	1.18	4.85	ppb
Calcium	43-1	522.02	562.28	562.47	548.92	4.24	ppb
Calcium	44-1	534.27	564.37	580.11	559.58	4.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.57	2.41	2.54	2.51	3.42	ppb
Cobalt	59-2	1.18	1.14	1.14	1.16	1.95	ppb
Copper	63-2	2.18	2.07	2.11	2.12	2.59	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				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	63.70	59.73	60.93	61.45	3.31	ppb
Iron	57-2	70.14	62.77	61.39	64.77	7.26	ppb
Iron	54-2	66.45	64.57	63.10	64.71	2.59	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:28:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.91	0.94	0.91	2.25	ppb
Lead	207-1	0.84	0.92	0.90	0.88	4.69	ppb
Lead	208-1	0.90	0.97	0.98	0.95	4.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	556.24	522.80	541.86	540.30	3.10	ppb
Manganese	55-2	1.45	1.27	1.31	1.34	7.14	ppb
Molybdenum	94-1	5.59	5.92	5.77	5.76	2.90	ppb
Molybdenum	95-1	4.61	4.94	4.92	4.82	3.93	ppb
Molybdenum	96-1	4.67	4.97	5.10	4.91	4.43	ppb
Molybdenum	97-1	4.72	4.91	5.04	4.89	3.27	ppb
Molybdenum	98-1	4.66	4.93	4.94	4.85	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.37	1.02	1.23	15.04	ppb
Phosphorus	31-2	11.69	20.31	13.23	15.08	30.50	ppb
Potassium	39-2	584.00	547.53	564.14	565.22	3.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	5.64	5.61	5.08	5.44	5.78	ppb
Selenium	77-2	6.27	6.62	7.27	6.72	7.57	ppb
Selenium	78-2	5.10	1.53	4.26	3.63	51.43	ppb
Silicon	28-1	0.34	0.79	1.10	0.74	51.15	ppb
Silver	107-1	0.98	1.07	1.14	1.07	7.54	ppb
Silver	109-1	0.99	1.09	1.08	1.05	5.19	ppb
Sodium	23-2	556.41	527.57	534.99	539.66	2.78	ppb
Strontium	86-1	1.07	1.07	1.11	1.08	1.98	ppb
Strontium	88-1	1.01	1.04	1.03	1.03	1.61	ppb
Sulfur	34-1	-204.44	-68.14	167.12	-35.15		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.84	0.93	1.02	0.93	9.72	ppb
Thallium	205-1	0.89	0.93	0.96	0.93	4.19	ppb
Tin	118-1	4.91	5.28	5.32	5.17	4.42	ppb
Titanium	47-1	4.87	4.86	4.99	4.90	1.46	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:28:19	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.82	0.85	0.82	4.11	ppb
Vanadium	51-2	5.51	5.35	5.39	5.42	1.54	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	5.71	5.37	5.10	5.39	5.69	ppb
Zirconium	90-1	0.99	1.04	1.03	1.02	2.76	ppb
Zirconium	91-1	0.97	1.05	1.05	1.02	4.60	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:31:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	982.98	1045.91	984.90	1004.60	3.56	ppb
Antimony	121-1	52.25	52.27	53.10	52.54	0.92	ppb
Arsenic	75-2	50.35	52.67	51.30	51.44	2.27	ppb
Barium	135-1	248.13	256.24	251.57	251.98	1.62	ppb
Barium	137-1	252.20	251.74	257.19	253.71	1.19	ppb
Beryllium	9-1	59.70	59.09	58.16	58.98	1.31	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.06	55.01	57.55	56.21	2.27	ppb
Cadmium	106-1	56.70	55.11	55.80	55.87	1.43	ppb
Cadmium	111-1	55.87	57.00	55.79	56.22	1.20	ppb
Calcium	43-1	5942.57	6045.45	6047.41	6011.81	1.00	ppb
Calcium	44-1	5560.14	5516.89	5607.83	5561.62	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.94	53.62	49.65	51.07	4.33	ppb
Cobalt	59-2	50.96	53.06	50.22	51.42	2.87	ppb
Copper	63-2	511.63	537.71	502.94	517.43	3.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	2608.02	2744.26	2574.74	2642.34	3.40	ppb
Iron	57-2	2747.12	2892.90	2698.89	2779.64	3.63	ppb
Iron	54-2	2787.21	2949.50	2766.93	2834.54	3.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:31:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	216.65	234.26	221.37	224.09	4.07	ppb
Lead	207-1	218.87	227.32	223.26	223.15	1.89	ppb
Lead	208-1	232.35	241.55	235.66	236.52	1.97	ppb
Lithium	6-1				97		%
Magnesium	24-2	4588.83	4844.21	4563.80	4665.61	3.33	ppb
Manganese	55-2	500.34	531.35	497.47	509.72	3.69	ppb
Molybdenum	94-1	508.87	510.33	522.36	513.85	1.44	ppb
Molybdenum	95-1	497.16	523.82	523.08	514.69	2.95	ppb
Molybdenum	96-1	499.42	523.86	507.68	510.32	2.44	ppb
Molybdenum	97-1	495.92	517.39	511.02	508.11	2.17	ppb
Molybdenum	98-1	494.08	509.88	514.82	506.26	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.10	55.11	51.98	53.07	3.34	ppb
Phosphorus	31-2	941.36	1034.34	951.42	975.71	5.23	ppb
Potassium	39-2	2614.28	2794.11	2589.55	2665.98	4.19	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	52.18	53.67	54.18	53.34	1.95	ppb
Selenium	77-2	48.82	45.41	48.35	47.53	3.89	ppb
Selenium	78-2	47.33	57.95	46.95	50.74	12.31	ppb
Silicon	28-1	45.36	46.45	46.31	46.04	1.29	ppb
Silver	107-1	55.47	56.54	56.07	56.03	0.96	ppb
Silver	109-1	56.16	54.70	57.17	56.01	2.22	ppb
Sodium	23-2	4857.74	5151.74	4819.71	4943.06	3.68	ppb
Strontium	86-1	1277.46	1276.36	1321.80	1291.88	2.01	ppb
Strontium	88-1	1281.42	1280.30	1300.75	1287.49	0.89	ppb
Sulfur	34-1	1233.04	1221.54	1071.26	1175.28	7.68	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	44.07	46.43	44.70	45.07	2.70	ppb
Thallium	205-1	43.66	45.24	44.43	44.44	1.78	ppb
Tin	118-1	51.84	52.43	52.80	52.36	0.92	ppb
Titanium	47-1	510.63	527.75	521.69	520.02	1.67	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:31:39	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	40.00	42.96	40.94	41.30	3.66	ppb
Vanadium	51-2	49.43	52.97	49.44	50.61	4.04	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	507.81	530.84	492.52	510.39	3.78	ppb
Zirconium	90-1	49.36	51.93	50.92	50.74	2.55	ppb
Zirconium	91-1	49.29	51.21	50.93	50.48	2.05	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:34:48	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2330.90	2708.13	2638.71	2559.25	7.85	ppb
Antimony	121-1	130.83	129.22	127.23	129.09	1.40	ppb
Arsenic	75-2	116.68	138.23	131.07	128.66	8.53	ppb
Barium	135-1	635.71	635.37	616.97	629.35	1.70	ppb
Barium	137-1	670.17	685.41	650.74	668.78	2.60	ppb
Beryllium	9-1	144.35	140.51	139.31	141.39	1.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.92	140.95	137.35	138.74	1.39	ppb
Cadmium	106-1	143.03	143.59	137.79	141.47	2.26	ppb
Cadmium	111-1	139.98	139.33	136.01	138.44	1.54	ppb
Calcium	43-1	15440.99	15482.79	15417.34	15447.04	0.21	ppb
Calcium	44-1	14163.28	13933.08	13993.51	14029.96	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116.37	136.86	132.86	128.70	8.44	ppb
Cobalt	59-2	117.06	138.25	133.45	129.59	8.58	ppb
Copper	63-2	1215.55	1398.96	1365.48	1326.66	7.36	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				98		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	6127.96	7075.71	6936.45	6713.37	7.62	ppb
Iron	57-2	6397.82	7474.11	7329.46	7067.13	8.27	ppb
Iron	54-2	6515.75	7551.51	7381.80	7149.69	7.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:34:48	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	644.80	649.94	634.39	643.04	1.23	ppb
Lead	207-1	651.02	642.53	634.20	642.58	1.31	ppb
Lead	208-1	645.23	642.65	633.94	640.61	0.92	ppb
Lithium	6-1				99		%
Magnesium	24-2	10706.28	12726.43	12313.97	11915.56	8.96	ppb
Manganese	55-2	1156.75	1350.63	1316.46	1274.62	8.12	ppb
Molybdenum	94-1	1306.15	1287.21	1278.64	1290.67	1.09	ppb
Molybdenum	95-1	1308.10	1292.89	1277.54	1292.84	1.18	ppb
Molybdenum	96-1	1306.72	1278.11	1270.46	1285.10	1.49	ppb
Molybdenum	97-1	1325.62	1292.33	1263.36	1293.77	2.41	ppb
Molybdenum	98-1	1318.80	1259.32	1257.56	1278.56	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	121.31	140.92	135.24	132.49	7.61	ppb
Phosphorus	31-2	2275.87	2698.01	2625.50	2533.13	8.91	ppb
Potassium	39-2	5794.25	6792.15	6459.94	6348.78	8.00	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	136.46	133.05	134.10	134.53	1.30	ppb
Selenium	77-2	115.57	137.12	135.59	129.43	9.29	ppb
Selenium	78-2	112.38	143.06	138.50	131.31	12.61	ppb
Silicon	28-1	118.74	119.59	118.10	118.81	0.63	ppb
Silver	107-1	137.74	136.26	133.44	135.81	1.61	ppb
Silver	109-1	137.21	136.44	133.62	135.76	1.39	ppb
Sodium	23-2	11379.87	13279.19	12979.37	12546.14	8.14	ppb
Strontium	86-1	3289.65	3197.70	3200.67	3229.34	1.62	ppb
Strontium	88-1	3265.88	3223.85	3146.08	3211.94	1.89	ppb
Sulfur	34-1	2975.43	2826.52	2753.44	2851.80	3.97	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	117.18	117.19	116.44	116.94	0.37	ppb
Thallium	205-1	128.50	127.81	124.30	126.87	1.77	ppb
Tin	118-1	131.83	130.76	129.62	130.73	0.84	ppb
Titanium	47-1	1343.67	1325.58	1327.44	1332.23	0.75	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:34:48	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	121.79	124.20	120.42	122.14	1.57	ppb
Vanadium	51-2	117.05	136.36	132.33	128.58	7.92	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	1158.08	1365.73	1331.71	1285.17	8.67	ppb
Zirconium	90-1	132.10	129.36	127.88	129.78	1.65	ppb
Zirconium	91-1	131.28	127.87	126.40	128.52	1.95	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:37:48	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5107.11	5064.95	5088.30	5086.79	0.42	ppb
Antimony	121-1	254.25	257.78	257.38	256.47	0.75	ppb
Arsenic	75-2	255.30	250.79	251.15	252.41	0.99	ppb
Barium	135-1	1278.40	1267.99	1249.24	1265.21	1.17	ppb
Barium	137-1	1287.77	1286.48	1264.46	1279.57	1.02	ppb
Beryllium	9-1	267.22	278.37	271.82	272.47	2.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	262.98	267.86	258.43	263.09	1.79	ppb
Cadmium	106-1	262.04	260.12	260.45	260.87	0.39	ppb
Cadmium	111-1	260.76	258.66	260.19	259.87	0.42	ppb
Calcium	43-1	29478.89	29863.87	29892.76	29745.18	0.78	ppb
Calcium	44-1	26890.95	27134.77	27289.03	27104.91	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.76	255.27	255.05	255.02	0.10	ppb
Cobalt	59-2	255.94	256.56	255.57	256.02	0.19	ppb
Copper	63-2	2599.41	2585.79	2570.99	2585.40	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	13214.37	13332.93	13193.89	13247.06	0.57	ppb
Iron	57-2	13957.21	14043.31	13964.26	13988.26	0.34	ppb
Iron	54-2	13590.81	13478.10	13329.52	13466.14	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:37:48	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1250.47	1252.89	1236.15	1246.50	0.73	ppb
Lead	207-1	1235.13	1248.08	1232.20	1238.47	0.68	ppb
Lead	208-1	1247.48	1249.59	1240.62	1245.90	0.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	23851.07	23776.29	23743.22	23790.20	0.23	ppb
Manganese	55-2	2523.68	2553.24	2498.86	2525.26	1.08	ppb
Molybdenum	94-1	2561.07	2548.43	2527.17	2545.55	0.67	ppb
Molybdenum	95-1	2535.80	2560.28	2506.82	2534.30	1.06	ppb
Molybdenum	96-1	2526.26	2568.84	2500.67	2531.92	1.36	ppb
Molybdenum	97-1	2535.07	2548.58	2518.26	2533.97	0.60	ppb
Molybdenum	98-1	2547.59	2549.11	2513.91	2536.87	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.89	261.91	257.58	260.46	0.96	ppb
Phosphorus	31-2	5073.89	5115.64	4947.04	5045.52	1.74	ppb
Potassium	39-2	12564.50	12624.75	12625.40	12604.88	0.28	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	260.64	258.80	261.52	260.32	0.53	ppb
Selenium	77-2	247.86	240.88	259.48	249.41	3.77	ppb
Selenium	78-2	260.60	259.40	262.48	260.82	0.60	ppb
Silicon	28-1	220.96	227.70	225.01	224.56	1.51	ppb
Silver	107-1	265.77	264.99	258.69	263.15	1.47	ppb
Silver	109-1	266.37	264.05	258.00	262.81	1.64	ppb
Sodium	23-2	24994.76	25432.75	24921.88	25116.47	1.10	ppb
Strontium	86-1	6351.35	6345.60	6277.35	6324.77	0.65	ppb
Strontium	88-1	6298.66	6317.56	6289.14	6301.79	0.23	ppb
Sulfur	34-1	5022.03	5138.97	5040.62	5067.21	1.24	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	225.87	230.10	225.87	227.28	1.07	ppb
Thallium	205-1	246.10	247.61	246.20	246.64	0.34	ppb
Tin	118-1	247.43	249.31	245.09	247.27	0.86	ppb
Titanium	47-1	2506.11	2533.89	2536.75	2525.59	0.67	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:37:48	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.08	238.79	240.51	240.79	0.90	ppb
Vanadium	51-2	254.98	253.30	253.88	254.05	0.33	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	2567.11	2559.22	2557.04	2561.12	0.21	ppb
Zirconium	90-1	252.58	253.68	253.17	253.15	0.22	ppb
Zirconium	91-1	250.07	252.47	249.77	250.77	0.59	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:40:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10051.99	10144.16	9862.58	10019.58	1.43	ppb
Antimony	121-1	505.73	509.66	505.37	506.92	0.47	ppb
Arsenic	75-2	506.56	505.18	493.08	501.61	1.48	ppb
Barium	135-1	2549.83	2543.58	2510.81	2534.74	0.83	ppb
Barium	137-1	2500.69	2536.44	2525.40	2520.85	0.73	ppb
Beryllium	9-1	510.99	532.89	523.86	522.58	2.11	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.43	510.52	508.82	510.59	0.35	ppb
Cadmium	106-1	509.28	507.35	508.74	508.45	0.20	ppb
Cadmium	111-1	507.21	510.69	511.93	509.95	0.48	ppb
Calcium	43-1	57866.82	58730.25	58710.86	58435.97	0.84	ppb
Calcium	44-1	53043.22	54130.13	53788.86	53654.07	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.25	510.21	506.49	507.99	0.39	ppb
Cobalt	59-2	510.06	504.85	500.87	505.26	0.91	ppb
Copper	63-2	5081.38	5134.86	5052.57	5089.60	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				86		%
Iron	56-2	26420.82	26424.22	26079.25	26308.10	0.75	ppb
Iron	57-2	27714.87	27864.87	27556.69	27712.14	0.56	ppb
Iron	54-2	26744.23	26978.25	26685.51	26802.66	0.58	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:40:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2474.48	2511.20	2494.60	2493.43	0.74	ppb
Lead	207-1	2478.02	2502.23	2526.09	2502.11	0.96	ppb
Lead	208-1	2491.80	2528.56	2518.09	2512.81	0.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	48182.02	48089.61	47077.59	47783.07	1.28	ppb
Manganese	55-2	5033.52	5074.44	4982.26	5030.08	0.92	ppb
Molybdenum	94-1	5015.13	4973.07	4982.13	4990.11	0.44	ppb
Molybdenum	95-1	5018.42	5024.92	4999.47	5014.27	0.26	ppb
Molybdenum	96-1	4992.39	5003.72	4984.84	4993.65	0.19	ppb
Molybdenum	97-1	5004.25	5005.82	4996.82	5002.30	0.10	ppb
Molybdenum	98-1	5006.62	5015.11	5015.18	5012.30	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.06	510.79	506.60	507.48	0.58	ppb
Phosphorus	31-2	10097.29	10173.56	10050.08	10106.98	0.62	ppb
Potassium	39-2	24955.48	24954.87	24839.23	24916.53	0.27	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				85		%
Selenium	82-1	502.44	509.61	502.01	504.69	0.85	ppb
Selenium	77-2	510.64	514.72	505.66	510.34	0.89	ppb
Selenium	78-2	501.48	503.18	506.07	503.58	0.46	ppb
Silicon	28-1	431.62	441.85	436.35	436.61	1.17	ppb
Silver	107-1	519.91	516.62	504.44	513.66	1.59	ppb
Silver	109-1	505.48	509.41	509.95	508.28	0.48	ppb
Sodium	23-2	50608.71	50677.01	50185.57	50490.43	0.53	ppb
Strontium	86-1	12493.76	12374.15	12512.42	12460.11	0.60	ppb
Strontium	88-1	12353.94	12353.99	12408.12	12372.02	0.25	ppb
Sulfur	34-1	9820.95	9846.27	9938.16	9868.46	0.62	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	500.80	500.14	507.06	502.67	0.76	ppb
Thallium	205-1	495.01	495.24	496.34	495.53	0.14	ppb
Tin	118-1	503.81	524.52	509.31	512.55	2.09	ppb
Titanium	47-1	5007.98	5080.48	4947.83	5012.10	1.33	ppb

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:40:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	494.51	493.78	500.23	496.17	0.71	ppb
Vanadium	51-2	505.67	507.92	503.48	505.69	0.44	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%
Zinc	66-2	5078.27	5083.96	5066.74	5076.32	0.17	ppb
Zirconium	90-1	499.62	497.12	499.70	498.81	0.29	ppb
Zirconium	91-1	496.83	495.00	498.49	496.77	0.35	ppb

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:43:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19865.52	20253.04	19813.94	19977.50	1.20	ppb
Antimony	121-1	987.00	988.04	1007.81	994.28	1.18	ppb
Arsenic	75-2	993.73	985.38	1015.08	998.06	1.53	ppb
Barium	135-1	4903.89	5007.02	5023.64	4978.18	1.30	ppb
Barium	137-1	4899.43	4984.73	5045.42	4976.53	1.47	ppb
Beryllium	9-1	958.23	1014.11	969.45	980.59	3.01	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	980.61	988.49	999.12	989.41	0.94	ppb
Cadmium	106-1	977.79	991.14	1003.18	990.70	1.28	ppb
Cadmium	111-1	983.46	994.92	993.32	990.57	0.63	ppb
Calcium	43-1	112645.53	115386.04	112183.11	113404.89	1.53	ppb
Calcium	44-1	107004.95	108312.52	108131.97	107816.48	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	993.91	1003.68	985.11	994.23	0.93	ppb
Cobalt	59-2	1006.40	991.95	987.31	995.22	1.00	ppb
Copper	63-2	9968.04	9874.27	9927.88	9923.40	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				88		%
Indium	115-2				84		%
Iron	56-2	52536.33	52421.75	51914.38	52290.82	0.63	ppb
Iron	57-2	53385.45	52842.60	52985.00	53071.02	0.53	ppb
Iron	54-2	53025.24	52736.87	52731.58	52831.23	0.32	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:43:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4925.69	5022.56	5061.35	5003.20	1.40	ppb
Lead	207-1	4915.80	5015.28	5071.84	5000.97	1.58	ppb
Lead	208-1	4925.44	5009.57	5045.01	4993.34	1.23	ppb
Lithium	6-1				98		%
Magnesium	24-2	95025.85	95807.87	94303.58	95045.77	0.79	ppb
Manganese	55-2	10032.21	10022.62	9870.42	9975.08	0.91	ppb
Molybdenum	94-1	9954.45	10006.00	10002.89	9987.78	0.29	ppb
Molybdenum	95-1	9925.37	10003.50	10005.74	9978.20	0.46	ppb
Molybdenum	96-1	9890.57	10100.26	9980.05	9990.29	1.05	ppb
Molybdenum	97-1	9899.27	10063.13	9991.05	9984.48	0.82	ppb
Molybdenum	98-1	9943.61	10011.18	9987.46	9980.75	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.56	998.03	985.07	992.55	0.68	ppb
Phosphorus	31-2	19979.88	20046.92	19769.82	19932.20	0.73	ppb
Potassium	39-2	49457.90	49758.08	49321.84	49512.61	0.45	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	988.85	1003.14	989.15	993.71	0.82	ppb
Selenium	77-2	1019.93	965.40	998.29	994.54	2.76	ppb
Selenium	78-2	990.85	978.10	1015.11	994.69	1.89	ppb
Silicon	28-1	1041.55	1035.79	1040.03	1039.12	0.29	ppb
Silver	107-1	973.83	990.07	1000.79	988.23	1.37	ppb
Silver	109-1	981.61	995.91	995.52	991.01	0.82	ppb
Sodium	23-2	100603.13	101457.29	100620.01	100893.48	0.48	ppb
Strontium	86-1	24865.22	24948.91	25144.22	24986.12	0.57	ppb
Strontium	88-1	24805.74	25188.22	25120.96	25038.30	0.82	ppb
Sulfur	34-1	20145.65	19965.24	19877.80	19996.23	0.68	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	990.58	1006.63	1019.59	1005.60	1.44	ppb
Thallium	205-1	982.31	1006.26	1020.80	1003.12	1.94	ppb
Tin	118-1	983.62	1004.80	992.30	993.57	1.07	ppb
Titanium	47-1	9973.22	10053.60	9902.01	9976.27	0.76	ppb

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:43:33	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	997.32	1007.98	1009.73	1005.01	0.67	ppb
Vanadium	51-2	997.15	1002.40	987.43	995.66	0.76	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%
Zinc	66-2	10047.17	9866.50	9911.25	9941.64	0.95	ppb
Zirconium	90-1	992.27	1005.78	999.47	999.17	0.68	ppb
Zirconium	91-1	991.98	996.69	1014.20	1000.96	1.17	ppb

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:46:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99546.83	99987.51	100455.69	99996.68	0.45	ppb
Antimony	121-1	0.86	0.85	0.92	0.88	4.24	ppb
Arsenic	75-2	0.61	0.74	0.57	0.64	13.82	ppb
Barium	135-1	1.90	1.89	1.81	1.86	2.64	ppb
Barium	137-1	1.96	1.89	1.84	1.89	3.11	ppb
Beryllium	9-1	0.26	0.20	0.22	0.23	14.70	ppb
Bismuth	209-1				86		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.43	0.37	0.38	11.14	ppb
Cadmium	106-1	-0.98	-0.13	-0.95	-0.69		ppb
Cadmium	111-1	0.17	0.18	0.07	0.14	40.95	ppb
Calcium	43-1	495648.97	498199.74	494614.26	496154.32	0.37	ppb
Calcium	44-1	495440.86	498168.47	500157.06	497922.13	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.48	3.52	3.47	3.49	0.80	ppb
Cobalt	59-2	2.56	2.58	2.49	2.55	1.94	ppb
Copper	63-2	1.81	1.76	1.69	1.75	3.39	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				95		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	251046.27	249242.60	247793.12	249360.66	0.65	ppb
Iron	57-2	249107.41	249141.86	248801.56	249016.94	0.08	ppb
Iron	54-2	249507.22	249332.20	248698.61	249179.34	0.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:46:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.18	1.06	1.07	1.10	5.91	ppb
Lead	207-1	1.18	1.08	1.01	1.09	7.72	ppb
Lead	208-1	1.17	1.06	1.04	1.09	6.60	ppb
Lithium	6-1				93		%
Magnesium	24-2	502550.91	500740.73	500581.19	501290.94	0.22	ppb
Manganese	55-2	5.83	5.68	5.75	5.75	1.30	ppb
Molybdenum	94-1	3.40	3.27	3.28	3.32	2.24	ppb
Molybdenum	95-1	2.70	2.62	2.49	2.60	4.03	ppb
Molybdenum	96-1	4.06	4.05	3.86	3.99	2.81	ppb
Molybdenum	97-1	2.52	2.36	2.46	2.45	3.17	ppb
Molybdenum	98-1	2.47	2.31	2.30	2.36	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.56	4.12	4.10	4.26	6.09	ppb
Phosphorus	31-2	-18.54	-16.46	-11.93	-15.64		ppb
Potassium	39-2	251775.73	248701.04	249812.20	250096.32	0.62	ppb
Rhodium	103-1				77		%
Rhodium	103-2				78		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	0.89	0.95	1.18	1.01	15.16	ppb
Selenium	77-2	0.43	0.00	0.43	0.29	86.61	ppb
Selenium	78-2	-1.87	-2.40	-3.60	-2.62		ppb
Silicon	28-1	2.82	2.47	2.33	2.54	10.02	ppb
Silver	107-1	0.16	0.14	0.12	0.14	16.33	ppb
Silver	109-1	0.16	0.15	0.12	0.14	14.97	ppb
Sodium	23-2	501018.68	500924.56	497354.20	499765.81	0.42	ppb
Strontium	86-1	4.29	4.33	4.29	4.30	0.55	ppb
Strontium	88-1	4.59	4.25	4.14	4.33	5.37	ppb
Sulfur	34-1	-253.30	-222.02	-221.98	-232.43		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	0.12	0.10	0.09	0.10	14.62	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	15.07	ppb
Tin	118-1	1.00	0.95	0.96	0.97	2.63	ppb
Titanium	47-1	2.02	2.22	2.03	2.09	5.50	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:46:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.04	0.04	0.05	25.50	ppb
Vanadium	51-2	0.31	0.30	0.30	0.31	1.03	ppb
Yttrium	89-1				86		%
Yttrium	89-2				87		%
Zinc	66-2	3.53	2.75	2.93	3.07	13.26	ppb
Zirconium	90-1	0.69	0.66	0.67	0.68	2.35	ppb
Zirconium	91-1	0.68	0.67	0.68	0.68	1.31	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICV014	Instrumnet Name :	P7
Client Sample ID :	ICV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:56:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	478.85	493.91	486.69	486.49	1.55	ppb
Antimony	121-1	187.42	191.44	194.65	191.17	1.89	ppb
Arsenic	75-2	194.32	199.33	201.10	198.25	1.77	ppb
Barium	135-1	90.14	92.71	92.51	91.79	1.56	ppb
Barium	137-1	90.32	93.15	93.29	92.25	1.82	ppb
Beryllium	9-1	107.25	108.83	107.49	107.86	0.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	88.97	88.88	94.93	90.92	3.81	ppb
Cadmium	106-1	84.71	87.19	88.59	86.83	2.27	ppb
Cadmium	111-1	101.61	103.51	104.42	103.18	1.39	ppb
Calcium	43-1	2021.90	2028.59	2023.82	2024.77	0.17	ppb
Calcium	44-1	2028.35	2051.47	2073.41	2051.07	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.94	101.26	100.03	100.08	1.16	ppb
Cobalt	59-2	99.40	102.85	101.79	101.35	1.75	ppb
Copper	63-2	93.17	96.73	95.00	94.97	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	1992.50	2039.41	1993.73	2008.55	1.33	ppb
Iron	57-2	2075.99	2140.01	2130.59	2115.53	1.63	ppb
Iron	54-2	2162.32	2222.71	2191.25	2192.09	1.38	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICV014	Instrumnet Name :	P7
Client Sample ID :	ICV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:56:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	174.78	173.80	175.55	174.71	0.50	ppb
Lead	207-1	168.01	168.64	169.07	168.57	0.31	ppb
Lead	208-1	198.03	197.13	199.12	198.09	0.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	1119.47	1154.07	1134.44	1136.00	1.53	ppb
Manganese	55-2	96.72	100.68	98.70	98.70	2.01	ppb
Molybdenum	94-1	0.32	0.29	0.35	0.32	9.60	ppb
Molybdenum	95-1	0.06	0.05	0.06	0.06	9.72	ppb
Molybdenum	96-1	0.12	0.09	0.12	0.11	15.37	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	3.80	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	7.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.19	106.14	104.35	104.56	1.42	ppb
Phosphorus	31-2	-17.77	-16.67	-15.99	-16.81		ppb
Potassium	39-2	1978.97	2030.57	2014.36	2007.96	1.31	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	212.10	208.61	209.88	210.20	0.84	ppb
Selenium	77-2	197.76	198.72	206.32	200.94	2.33	ppb
Selenium	78-2	204.27	204.36	203.72	204.12	0.17	ppb
Silicon	28-1	-0.23	-0.18	-0.22	-0.21		ppb
Silver	107-1	47.69	49.62	50.00	49.11	2.52	ppb
Silver	109-1	48.24	49.22	50.34	49.27	2.13	ppb
Sodium	23-2	1967.93	2032.97	1997.68	1999.53	1.63	ppb
Strontium	86-1	0.32	0.32	0.31	0.32	2.34	ppb
Strontium	88-1	0.30	0.30	0.28	0.29	3.14	ppb
Sulfur	34-1	121.22	75.92	32.27	76.47	58.16	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	174.63	173.48	175.86	174.66	0.68	ppb
Thallium	205-1	199.42	200.37	201.46	200.41	0.51	ppb
Tin	118-1	0.01	0.04	0.02	0.02	70.64	ppb
Titanium	47-1	0.21	0.11	0.11	0.14	41.11	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICV014	Instrumnet Name :	P7
Client Sample ID :	ICV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:56:07	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	94.09	96.81	96.26	95.72	1.50	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	191.24	196.44	192.66	193.45	1.39	ppb
Zirconium	90-1	0.16	0.13	0.14	0.14	9.05	ppb
Zirconium	91-1	0.18	0.18	0.22	0.20	11.34	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICB014	Instrumnet Name :	P7
Client Sample ID :	ICB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:59:40	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	0.19	0.06	0.18	64.97	ppb
Antimony	121-1	0.13	0.14	0.18	0.15	17.98	ppb
Arsenic	75-2	0.03	0.04	0.04	0.04	16.56	ppb
Barium	135-1	0.00	-0.02	0.01	0.00		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.09	0.05	0.05	0.06	32.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	-0.09	-0.06	-0.01		ppb
Cadmium	106-1	0.89	-1.27	-0.82	-0.40		ppb
Cadmium	111-1	0.07	-0.07	-0.05	-0.02		ppb
Calcium	43-1	3.59	0.69	-1.29	1.00	246.05	ppb
Calcium	44-1	1.62	2.31	1.80	1.91	18.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	-0.02	0.00		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.03	0.02	0.02	0.03	22.69	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				99		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	0.96	1.00	1.09	1.02	6.72	ppb
Iron	57-2	-0.76	-0.66	-0.97	-0.80		ppb
Iron	54-2	0.76	2.09	0.38	1.08	83.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICB014	Instrumnet Name :	P7
Client Sample ID :	ICB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:59:40	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.05	0.06	10.58	ppb
Lead	207-1	0.04	0.04	0.03	0.04	17.55	ppb
Lead	208-1	0.05	0.05	0.04	0.05	7.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.69	2.36	1.70	1.92	20.21	ppb
Manganese	55-2	0.05	0.03	0.04	0.04	27.04	ppb
Molybdenum	94-1	0.11	0.09	0.11	0.10	7.97	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	29.39	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	22.68	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	19.19	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	5.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.03	-0.03		ppb
Phosphorus	31-2	-16.78	-22.01	-17.29	-18.70		ppb
Potassium	39-2	8.76	6.43	3.18	6.12	45.80	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	0.02	-0.61	0.24	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	-2.15	-0.90	-1.07		ppb
Silicon	28-1	-0.55	-0.49	-0.44	-0.49		ppb
Silver	107-1	0.03	0.02	0.02	0.02	23.45	ppb
Silver	109-1	0.03	0.02	0.02	0.03	28.22	ppb
Sodium	23-2	20.14	19.62	19.01	19.59	2.87	ppb
Strontium	86-1	0.05	0.03	0.06	0.05	26.92	ppb
Strontium	88-1	0.05	0.04	0.04	0.05	7.20	ppb
Sulfur	34-1	173.62	99.63	73.10	115.45	45.12	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.00	0.01	182.11	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	142.98	ppb
Tin	118-1	-0.02	0.00	0.01	0.00		ppb
Titanium	47-1	0.01	-0.01	0.01	0.00	229.06	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICB014	Instrumnet Name :	P7
Client Sample ID :	ICB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:59:40	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	46.49	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	0.31	0.34	0.25	0.30	15.47	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	2.08	ppb
Zirconium	91-1	0.05	0.01	0.04	0.03	67.20	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSA014	Instrumnet Name :	P7
Client Sample ID :	ICSA014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:03:01	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91467.19	92372.82	92873.94	92237.98	0.77	ppb
Antimony	121-1	1.19	1.14	1.13	1.16	2.80	ppb
Arsenic	75-2	0.41	0.40	0.39	0.40	2.57	ppb
Barium	135-1	1.47	1.32	1.29	1.36	6.95	ppb
Barium	137-1	1.31	1.33	1.37	1.34	2.33	ppb
Beryllium	9-1	0.25	0.35	0.33	0.31	17.72	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.80	7.36	6.23	7.46	17.28	ppb
Cadmium	106-1	-0.35	-0.20	-0.80	-0.45		ppb
Cadmium	111-1	0.26	0.34	0.32	0.31	13.75	ppb
Calcium	43-1	100532.56	98789.51	97831.11	99051.06	1.38	ppb
Calcium	44-1	102306.43	98156.90	98969.93	99811.09	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.82	20.00	19.92	20.25	2.45	ppb
Cobalt	59-2	1.19	1.27	1.21	1.22	3.35	ppb
Copper	63-2	7.59	7.63	7.36	7.53	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				101		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	104091.19	103678.46	104425.40	104065.02	0.36	ppb
Iron	57-2	102159.56	104766.12	104272.93	103732.87	1.33	ppb
Iron	54-2	104247.21	105350.12	104598.78	104732.04	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSA014	Instrumnet Name :	P7
Client Sample ID :	ICSA014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:03:01	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.33	4.15	4.21	4.23	2.23	ppb
Lead	207-1	3.96	3.78	3.85	3.86	2.36	ppb
Lead	208-1	3.85	3.68	3.73	3.75	2.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	93471.67	94236.21	94279.20	93995.70	0.48	ppb
Manganese	55-2	8.05	8.08	7.98	8.04	0.66	ppb
Molybdenum	94-1	1560.26	1495.88	1523.93	1526.69	2.11	ppb
Molybdenum	95-1	1874.58	1814.63	1833.87	1841.03	1.66	ppb
Molybdenum	96-1	1849.20	1763.43	1801.64	1804.75	2.38	ppb
Molybdenum	97-1	1892.05	1787.12	1840.82	1840.00	2.85	ppb
Molybdenum	98-1	1900.58	1810.98	1845.28	1852.28	2.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	5.25	5.52	5.35	2.74	ppb
Phosphorus	31-2	100705.14	101688.34	101143.15	101178.88	0.49	ppb
Potassium	39-2	98095.68	98380.77	98765.58	98414.01	0.34	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-0.30	-0.40	0.44	-0.08		ppb
Selenium	77-2	0.81	0.00	0.00	0.27	173.21	ppb
Selenium	78-2	-0.61	-2.27	-2.63	-1.84		ppb
Silicon	28-1	3.69	3.47	3.54	3.57	3.24	ppb
Silver	107-1	0.11	0.10	0.09	0.10	11.26	ppb
Silver	109-1	0.11	0.10	0.09	0.10	12.86	ppb
Sodium	23-2	99128.79	100016.79	100101.32	99748.97	0.54	ppb
Strontium	86-1	34.24	32.82	33.50	33.52	2.12	ppb
Strontium	88-1	34.22	33.02	33.25	33.50	1.91	ppb
Sulfur	34-1	103466.76	98273.47	98599.89	100113.37	2.91	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.14	0.17	0.19	0.17	12.83	ppb
Thallium	205-1	0.05	0.08	0.13	0.09	41.87	ppb
Tin	118-1	0.14	0.17	0.16	0.16	9.06	ppb
Titanium	47-1	1979.15	1892.16	1884.50	1918.60	2.74	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSA014	Instrumnet Name :	P7
Client Sample ID :	ICSA014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:03:01	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	66.41	ppb
Vanadium	51-2	0.18	0.17	0.21	0.18	11.68	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	10.92	11.36	11.57	11.29	2.92	ppb
Zirconium	90-1	0.06	0.09	0.10	0.08	21.52	ppb
Zirconium	91-1	0.06	0.07	0.11	0.08	34.22	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSAB014	Instrumnet Name :	P7
Client Sample ID :	ICSAB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:09:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80632.12	85168.23	85601.89	83800.74	3.28	ppb
Antimony	121-1	18.97	18.98	19.24	19.07	0.79	ppb
Arsenic	75-2	18.05	19.68	19.27	19.00	4.44	ppb
Barium	135-1	18.50	18.58	18.54	18.54	0.22	ppb
Barium	137-1	18.56	18.91	18.75	18.74	0.94	ppb
Beryllium	9-1	20.82	20.56	21.13	20.84	1.36	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	22.19	23.45	23.88	23.17	3.77	ppb
Cadmium	106-1	13.78	15.16	14.27	14.40	4.86	ppb
Cadmium	111-1	18.23	18.66	19.03	18.64	2.16	ppb
Calcium	43-1	91061.26	91062.56	94310.84	92144.89	2.04	ppb
Calcium	44-1	92048.51	91553.18	93973.66	92525.12	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.93	37.78	37.81	37.17	2.90	ppb
Cobalt	59-2	18.87	19.54	19.89	19.43	2.68	ppb
Copper	63-2	23.37	24.54	24.87	24.26	3.26	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				102		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	91503.57	95984.37	95835.67	94441.20	2.69	ppb
Iron	57-2	92113.74	96103.30	96511.11	94909.39	2.56	ppb
Iron	54-2	91877.10	95727.44	96531.04	94711.86	2.63	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSAB014	Instrumnet Name :	P7
Client Sample ID :	ICSAB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:09:30	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.93	21.26	21.48	21.23	1.30	ppb
Lead	207-1	19.89	20.21	20.19	20.09	0.89	ppb
Lead	208-1	21.33	21.80	21.83	21.65	1.30	ppb
Lithium	6-1				99		%
Magnesium	24-2	81747.74	86761.01	87261.42	85256.72	3.58	ppb
Manganese	55-2	24.40	25.95	26.25	25.54	3.89	ppb
Molybdenum	94-1	1396.73	1440.95	1427.40	1421.69	1.59	ppb
Molybdenum	95-1	1723.68	1736.59	1734.17	1731.48	0.40	ppb
Molybdenum	96-1	1663.42	1685.89	1694.89	1681.40	0.96	ppb
Molybdenum	97-1	1697.98	1734.37	1730.87	1721.07	1.17	ppb
Molybdenum	98-1	1691.44	1726.93	1725.86	1714.74	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.00	23.73	23.97	23.57	2.15	ppb
Phosphorus	31-2	88597.08	93282.09	93203.31	91694.16	2.93	ppb
Potassium	39-2	86612.82	90364.13	91302.63	89426.53	2.77	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	19.14	19.57	19.25	19.32	1.15	ppb
Selenium	77-2	17.76	25.00	16.99	19.92	22.20	ppb
Selenium	78-2	11.62	17.29	16.23	15.05	20.05	ppb
Silicon	28-1	3.09	3.26	3.61	3.32	8.01	ppb
Silver	107-1	17.05	17.20	17.38	17.21	0.98	ppb
Silver	109-1	17.12	17.19	17.58	17.30	1.46	ppb
Sodium	23-2	87901.45	92842.76	92405.28	91049.83	3.00	ppb
Strontium	86-1	30.92	31.38	31.57	31.29	1.08	ppb
Strontium	88-1	30.97	31.40	31.60	31.32	1.03	ppb
Sulfur	34-1	90220.40	90428.27	92037.31	90895.33	1.09	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	17.54	17.75	17.90	17.73	1.02	ppb
Thallium	205-1	17.94	18.36	18.48	18.26	1.54	ppb
Tin	118-1	0.11	0.11	0.12	0.11	5.48	ppb
Titanium	47-1	1757.44	1731.80	1782.89	1757.38	1.45	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSAB014	Instrumnet Name :	P7
Client Sample ID :	ICSAB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:09:30	DataFile Name :	017ICSB.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	17.76	18.68	18.95	18.46	3.37	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	27.04	28.72	29.07	28.28	3.85	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	16.41	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	8.82	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:18:08	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47778.02	48904.79	48594.56	48425.79	1.20	ppb
Antimony	121-1	478.01	484.68	487.66	483.45	1.02	ppb
Arsenic	75-2	487.98	485.63	482.38	485.33	0.58	ppb
Barium	135-1	2401.41	2464.01	2489.02	2451.48	1.84	ppb
Barium	137-1	2380.50	2418.45	2456.62	2418.53	1.57	ppb
Beryllium	9-1	529.78	536.72	537.23	534.58	0.78	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	472.58	475.82	488.01	478.80	1.70	ppb
Cadmium	106-1	471.79	484.77	477.24	477.94	1.36	ppb
Cadmium	111-1	463.08	476.63	475.94	471.88	1.62	ppb
Calcium	43-1	242068.64	255642.67	252199.61	249970.31	2.82	ppb
Calcium	44-1	241152.05	251838.66	252422.38	248471.03	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.75	500.90	497.00	495.88	1.14	ppb
Cobalt	59-2	481.23	486.71	485.24	484.39	0.59	ppb
Copper	63-2	4674.68	4711.43	4722.31	4702.81	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				99		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	125932.43	126847.16	126299.72	126359.77	0.36	ppb
Iron	57-2	125215.83	128634.21	126421.75	126757.27	1.37	ppb
Iron	54-2	126788.76	127792.68	126353.20	126978.21	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:18:08	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2402.58	2502.24	2453.59	2452.80	2.03	ppb
Lead	207-1	2409.29	2515.28	2485.48	2470.02	2.21	ppb
Lead	208-1	2412.29	2513.11	2481.78	2469.06	2.09	ppb
Lithium	6-1				95		%
Magnesium	24-2	227805.31	231395.56	231475.72	230225.53	0.91	ppb
Manganese	55-2	4866.33	4901.07	4859.74	4875.71	0.46	ppb
Molybdenum	94-1	4803.66	4925.77	5057.51	4928.98	2.58	ppb
Molybdenum	95-1	4793.36	4927.80	5070.45	4930.54	2.81	ppb
Molybdenum	96-1	4719.70	4881.27	5058.25	4886.41	3.47	ppb
Molybdenum	97-1	4762.57	4928.99	5003.49	4898.35	2.52	ppb
Molybdenum	98-1	4784.51	4925.11	5066.43	4925.35	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.29	481.78	475.71	477.59	0.76	ppb
Phosphorus	31-2	9777.59	9865.68	9945.62	9862.96	0.85	ppb
Potassium	39-2	121360.86	124266.00	123358.42	122995.10	1.21	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	461.19	474.32	489.81	475.11	3.02	ppb
Selenium	77-2	488.13	491.80	463.99	481.30	3.14	ppb
Selenium	78-2	483.64	477.01	467.68	476.11	1.68	ppb
Silicon	28-1	446.90	471.75	460.09	459.58	2.71	ppb
Silver	107-1	468.59	478.26	479.67	475.50	1.27	ppb
Silver	109-1	460.31	476.44	473.45	470.07	1.83	ppb
Sodium	23-2	244852.21	251191.34	249185.94	248409.83	1.30	ppb
Strontium	86-1	11935.81	12220.92	12399.08	12185.27	1.92	ppb
Strontium	88-1	11823.60	12251.85	12519.81	12198.42	2.88	ppb
Sulfur	34-1	9334.16	9824.62	9575.95	9578.24	2.56	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	496.33	521.12	494.85	504.10	2.93	ppb
Thallium	205-1	485.39	508.28	484.42	492.70	2.74	ppb
Tin	118-1	480.66	499.11	492.26	490.68	1.90	ppb
Titanium	47-1	4753.86	4981.31	4838.32	4857.83	2.37	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:18:08	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	480.62	510.55	495.10	495.43	3.02	ppb
Vanadium	51-2	496.55	505.41	500.94	500.97	0.88	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	4715.98	4754.54	4696.99	4722.50	0.62	ppb
Zirconium	90-1	484.87	492.51	503.02	493.47	1.85	ppb
Zirconium	91-1	481.73	489.82	502.15	491.24	2.09	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:20:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.77	2.84	2.45	2.69	7.88	ppb
Antimony	121-1	0.49	0.48	0.51	0.49	3.66	ppb
Arsenic	75-2	0.07	0.07	0.07	0.07	0.93	ppb
Barium	135-1	0.11	0.09	0.06	0.09	28.91	ppb
Barium	137-1	0.13	0.10	0.04	0.09	46.17	ppb
Beryllium	9-1	0.13	0.06	0.10	0.10	33.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.14	0.03	0.03	0.07	98.01	ppb
Cadmium	106-1	0.61	-0.05	-0.84	-0.09		ppb
Cadmium	111-1	0.08	0.05	-0.03	0.04	155.85	ppb
Calcium	43-1	21.24	10.72	7.50	13.16	54.62	ppb
Calcium	44-1	16.73	13.37	8.59	12.90	31.70	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	55.05	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.25	0.26	0.26	0.26	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	5.67	5.58	5.64	5.63	0.81	ppb
Iron	57-2	3.98	4.18	3.97	4.04	2.92	ppb
Iron	54-2	4.09	5.74	4.27	4.70	19.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:20:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.19	0.16	0.19	16.56	ppb
Lead	207-1	0.25	0.20	0.13	0.19	31.05	ppb
Lead	208-1	0.23	0.19	0.14	0.19	23.92	ppb
Lithium	6-1				102		%
Magnesium	24-2	9.25	8.75	8.72	8.90	3.35	ppb
Manganese	55-2	0.15	0.16	0.18	0.16	6.42	ppb
Molybdenum	94-1	1.01	0.71	0.71	0.81	21.41	ppb
Molybdenum	95-1	0.45	0.39	0.33	0.39	15.29	ppb
Molybdenum	96-1	0.51	0.46	0.39	0.45	13.48	ppb
Molybdenum	97-1	0.50	0.41	0.35	0.42	17.61	ppb
Molybdenum	98-1	0.51	0.43	0.37	0.43	16.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-12.92	-20.99	-17.97	-17.29		ppb
Potassium	39-2	10.41	12.22	10.18	10.93	10.21	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	-0.68	-0.30	-0.16	-0.38		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.43	-0.54	-1.34	-1.10		ppb
Silicon	28-1	-0.29	-0.45	-0.54	-0.43		ppb
Silver	107-1	0.09	0.07	0.05	0.07	29.03	ppb
Silver	109-1	0.08	0.06	0.05	0.06	25.32	ppb
Sodium	23-2	51.22	50.54	47.65	49.80	3.81	ppb
Strontium	86-1	0.74	0.56	0.40	0.56	29.84	ppb
Strontium	88-1	0.79	0.57	0.43	0.60	30.42	ppb
Sulfur	34-1	-249.27	-295.14	-340.47	-294.96		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.04	0.03	0.04	35.86	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	22.52	ppb
Tin	118-1	0.05	0.10	0.08	0.07	33.96	ppb
Titanium	47-1	0.42	0.35	0.30	0.36	16.83	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:20:56	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.00	0.01	73.02	ppb
Vanadium	51-2	0.01	0.03	0.01	0.02	45.25	ppb
Yttrium	89-1				95		%
Yttrium	89-2				93		%
Zinc	66-2	0.32	0.17	0.28	0.26	30.70	ppb
Zirconium	90-1	0.32	0.24	0.21	0.25	22.45	ppb
Zirconium	91-1	0.30	0.25	0.21	0.25	18.40	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:24:17	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.56	0.27	0.47	37.64	ppb
Antimony	121-1	0.10	0.10	0.12	0.11	11.20	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	58.68	ppb
Barium	135-1	0.00	0.00	0.00	0.00	176.75	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	43.92	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.08	-0.03	-0.05	-0.05		ppb
Cadmium	106-1	0.54	-0.92	-0.61	-0.33		ppb
Cadmium	111-1	0.05	-0.05	-0.03	-0.01		ppb
Calcium	43-1	1.59	-1.72	4.40	1.42	215.16	ppb
Calcium	44-1	2.90	1.94	2.93	2.59	21.74	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	-0.03	-0.02	-0.03	-0.03		ppb
Copper	63-2	0.07	0.05	0.09	0.07	23.14	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				96		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	1.74	1.77	1.34	1.62	14.82	ppb
Iron	57-2	0.60	-1.19	-3.63	-1.40		ppb
Iron	54-2	2.92	2.08	1.00	2.00	47.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:24:17	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.07	0.07	0.07	2.36	ppb
Lead	207-1	0.05	0.05	0.04	0.05	12.75	ppb
Lead	208-1	0.06	0.06	0.06	0.06	2.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.73	2.67	3.01	2.81	6.49	ppb
Manganese	55-2	0.04	0.03	0.02	0.03	31.64	ppb
Molybdenum	94-1	0.21	0.17	0.22	0.20	13.38	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	12.23	ppb
Molybdenum	96-1	0.09	0.09	0.11	0.10	8.60	ppb
Molybdenum	97-1	0.07	0.09	0.06	0.07	18.64	ppb
Molybdenum	98-1	0.10	0.08	0.09	0.09	13.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-17.48	-11.45	-21.87	-16.94		ppb
Potassium	39-2	4.77	4.73	-1.40	2.70	131.43	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	-0.18	-0.28	-0.13	-0.20		ppb
Selenium	77-2	0.00	0.40	0.39	0.27	86.63	ppb
Selenium	78-2	-1.31	-2.66	-1.23	-1.73		ppb
Silicon	28-1	-0.76	-0.54	0.25	-0.35		ppb
Silver	107-1	0.01	0.02	0.02	0.02	13.56	ppb
Silver	109-1	0.01	0.01	0.02	0.01	15.57	ppb
Sodium	23-2	27.77	26.16	22.87	25.60	9.76	ppb
Strontium	86-1	0.14	0.09	0.09	0.11	28.90	ppb
Strontium	88-1	0.11	0.10	0.08	0.10	14.00	ppb
Sulfur	34-1	-199.52	-211.93	391.90	-6.52		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.01	0.00	0.00	191.82	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	899.19	ppb
Tin	118-1	-0.03	-0.02	0.00	-0.02		ppb
Titanium	47-1	0.10	0.15	0.10	0.11	27.43	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:24:17	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	29.46	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%
Zinc	66-2	0.02	0.06	-0.04	0.01	397.38	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	14.14	ppb
Zirconium	91-1	0.08	0.08	0.07	0.08	9.29	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:28:06	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.66	51.79	51.98	51.48	1.39	ppb
Antimony	121-1	4.35	4.46	4.54	4.45	2.23	ppb
Arsenic	75-2	2.48	2.28	2.33	2.36	4.50	ppb
Barium	135-1	20.34	20.76	20.62	20.57	1.06	ppb
Barium	137-1	20.23	20.86	20.97	20.69	1.92	ppb
Beryllium	9-1	2.30	2.47	2.36	2.37	3.70	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.49	1.40	1.54	1.48	4.63	ppb
Cadmium	106-1	2.47	1.67	1.96	2.03	19.94	ppb
Cadmium	111-1	1.59	1.50	1.42	1.50	5.54	ppb
Calcium	43-1	1108.19	1136.90	1126.97	1124.02	1.30	ppb
Calcium	44-1	1142.30	1140.49	1144.67	1142.49	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.80	5.01	4.82	4.88	2.38	ppb
Cobalt	59-2	2.33	2.30	2.31	2.31	0.66	ppb
Copper	63-2	4.76	4.74	4.69	4.73	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				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	496.50	493.46	493.85	494.60	0.33	ppb
Iron	57-2	488.47	494.73	495.13	492.78	0.76	ppb
Iron	54-2	503.54	501.92	499.55	501.67	0.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:28:06	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.92	2.00	2.04	1.99	2.96	ppb
Lead	207-1	1.97	1.99	1.99	1.98	0.56	ppb
Lead	208-1	2.09	2.11	2.14	2.11	1.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	1156.71	1154.92	1147.97	1153.20	0.40	ppb
Manganese	55-2	2.41	2.43	2.39	2.41	0.86	ppb
Molybdenum	94-1	12.75	12.68	12.45	12.63	1.25	ppb
Molybdenum	95-1	10.31	10.38	10.34	10.34	0.33	ppb
Molybdenum	96-1	10.53	10.55	10.72	10.60	0.98	ppb
Molybdenum	97-1	10.38	10.32	10.44	10.38	0.55	ppb
Molybdenum	98-1	10.24	10.49	10.35	10.36	1.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.29	2.27	2.30	1.75	ppb
Phosphorus	31-2	-16.64	-16.17	-17.74	-16.85		ppb
Potassium	39-2	1179.71	1179.36	1179.07	1179.38	0.03	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	11.46	12.29	11.72	11.82	3.59	ppb
Selenium	77-2	17.69	13.44	13.48	14.87	16.44	ppb
Selenium	78-2	9.16	9.60	9.18	9.31	2.66	ppb
Silicon	28-1	3.28	3.29	3.45	3.34	2.82	ppb
Silver	107-1	2.16	2.22	2.22	2.20	1.49	ppb
Silver	109-1	2.22	2.17	2.22	2.20	1.32	ppb
Sodium	23-2	1171.80	1163.48	1154.28	1163.19	0.75	ppb
Strontium	86-1	2.18	2.23	2.29	2.23	2.53	ppb
Strontium	88-1	2.17	2.23	2.17	2.19	1.46	ppb
Sulfur	34-1	126.90	42.73	-33.84	45.27	177.61	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	1.90	1.90	1.92	1.91	0.77	ppb
Thallium	205-1	1.98	2.01	1.99	2.00	0.77	ppb
Tin	118-1	-0.04	-0.04	-0.01	-0.03		ppb
Titanium	47-1	10.60	11.25	11.10	10.98	3.08	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:28:06	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.80	1.79	1.77	2.78	ppb
Vanadium	51-2	11.22	11.22	11.28	11.24	0.29	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	11.83	11.76	12.05	11.88	1.26	ppb
Zirconium	90-1	2.25	2.26	2.35	2.29	2.36	ppb
Zirconium	91-1	2.29	2.20	2.25	2.25	1.97	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:31:28	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	20.68	20.38	20.43	1.15	ppb
Antimony	121-1	2.02	2.10	2.09	2.07	2.11	ppb
Arsenic	75-2	1.03	1.00	0.97	1.00	3.28	ppb
Barium	135-1	9.22	9.32	9.12	9.22	1.09	ppb
Barium	137-1	9.55	9.36	9.59	9.50	1.33	ppb
Beryllium	9-1	1.03	1.14	1.16	1.11	6.61	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.46	0.37	0.11	0.31	56.85	ppb
Cadmium	106-1	1.28	-1.19	0.02	0.04	3436.55	ppb
Cadmium	111-1	0.32	0.12	0.23	0.22	43.34	ppb
Calcium	43-1	498.80	500.82	531.84	510.49	3.63	ppb
Calcium	44-1	522.53	522.96	529.96	525.15	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.19	2.18	2.17	1.35	ppb
Cobalt	59-2	1.13	1.06	1.02	1.07	5.35	ppb
Copper	63-2	2.28	2.12	2.13	2.18	4.30	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				100		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	228.80	229.57	227.75	228.71	0.40	ppb
Iron	57-2	232.46	231.60	223.15	229.07	2.25	ppb
Iron	54-2	232.78	233.96	228.94	231.89	1.13	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:31:28	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.88	0.93	0.95	0.92	4.01	ppb
Lead	207-1	0.91	0.89	0.93	0.91	1.90	ppb
Lead	208-1	0.95	0.98	1.00	0.97	2.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	540.23	536.92	533.10	536.75	0.66	ppb
Manganese	55-2	1.05	1.08	1.04	1.06	2.00	ppb
Molybdenum	94-1	5.85	5.85	5.90	5.86	0.49	ppb
Molybdenum	95-1	4.69	4.79	4.68	4.72	1.29	ppb
Molybdenum	96-1	4.84	4.88	5.03	4.92	2.08	ppb
Molybdenum	97-1	4.72	4.93	4.86	4.84	2.22	ppb
Molybdenum	98-1	4.71	4.75	4.85	4.77	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.10	1.05	1.07	2.46	ppb
Phosphorus	31-2	-12.66	-9.85	-19.25	-13.92		ppb
Potassium	39-2	549.47	544.79	547.59	547.28	0.43	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	5.64	5.10	5.31	5.35	5.04	ppb
Selenium	77-2	4.76	2.79	2.78	3.44	33.04	ppb
Selenium	78-2	4.88	4.10	3.73	4.24	13.87	ppb
Silicon	28-1	1.15	1.09	1.41	1.22	13.97	ppb
Silver	107-1	1.02	1.03	1.04	1.03	1.16	ppb
Silver	109-1	1.00	1.03	1.06	1.03	2.63	ppb
Sodium	23-2	549.89	543.69	542.45	545.35	0.73	ppb
Strontium	86-1	1.08	1.05	1.00	1.04	3.67	ppb
Strontium	88-1	1.01	1.06	1.03	1.03	2.26	ppb
Sulfur	34-1	24.72	-64.00	104.06	21.60	389.31	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.84	0.92	0.90	0.89	4.82	ppb
Thallium	205-1	0.88	0.92	0.95	0.92	3.56	ppb
Tin	118-1	-0.04	-0.05	-0.05	-0.05		ppb
Titanium	47-1	4.75	4.85	5.22	4.94	5.03	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:31:28	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.81	0.81	0.81	0.31	ppb
Vanadium	51-2	5.18	5.23	5.21	5.21	0.55	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	5.43	5.48	5.53	5.48	0.86	ppb
Zirconium	90-1	1.03	1.08	1.06	1.06	2.62	ppb
Zirconium	91-1	1.03	1.11	1.06	1.07	3.74	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-01	Instrumnet Name :	P7
Client Sample ID :	MYD567	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:34:47	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30972.50	30892.63	30823.57	30896.23	0.24	ppb
Antimony	121-1	1.62	1.61	1.62	1.62	0.40	ppb
Arsenic	75-2	60.06	59.55	59.88	59.83	0.43	ppb
Barium	135-1	257.59	260.52	257.12	258.41	0.71	ppb
Barium	137-1	258.37	262.54	260.41	260.44	0.80	ppb
Beryllium	9-1	1.29	1.37	1.38	1.35	3.39	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.50	1.45	1.49	1.48	1.97	ppb
Cadmium	106-1	2.69	3.99	2.48	3.05	26.94	ppb
Cadmium	111-1	0.86	1.06	0.84	0.92	12.74	ppb
Calcium	43-1	13047.63	13095.65	13123.52	13088.93	0.29	ppb
Calcium	44-1	12303.08	12444.38	12533.75	12427.07	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.24	34.94	35.06	35.08	0.43	ppb
Cobalt	59-2	33.30	33.18	33.00	33.16	0.46	ppb
Copper	63-2	83.61	83.29	81.24	82.71	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	78847.12	78808.51	78043.61	78566.41	0.58	ppb
Iron	57-2	78581.95	77452.17	76694.89	77576.33	1.22	ppb
Iron	54-2	80184.39	80417.07	78454.65	79685.37	1.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-01	Instrumnet Name :	P7
Client Sample ID :	MYD567	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:34:47	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.34	45.89	46.82	46.35	1.00	ppb
Lead	207-1	47.04	46.91	47.47	47.14	0.62	ppb
Lead	208-1	49.41	49.32	49.71	49.48	0.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	12196.67	12189.45	11965.01	12117.04	1.09	ppb
Manganese	55-2	1565.10	1552.47	1545.98	1554.52	0.63	ppb
Molybdenum	94-1	15.86	15.72	15.86	15.81	0.52	ppb
Molybdenum	95-1	1.23	1.24	1.29	1.25	2.46	ppb
Molybdenum	96-1	3.27	3.27	3.29	3.28	0.38	ppb
Molybdenum	97-1	1.25	1.28	1.30	1.28	1.89	ppb
Molybdenum	98-1	1.15	1.23	1.25	1.21	4.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.91	35.59	34.62	35.37	1.90	ppb
Phosphorus	31-2	2295.21	2190.11	2230.22	2238.51	2.37	ppb
Potassium	39-2	7106.60	7033.91	6994.91	7045.14	0.80	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.29	0.28	0.70	0.42	56.65	ppb
Selenium	77-2	10.66	14.51	13.67	12.94	15.64	ppb
Selenium	78-2	2.97	-0.36	0.53	1.04	165.27	ppb
Silicon	28-1	558.16	561.69	568.23	562.69	0.91	ppb
Silver	107-1	0.32	0.31	0.28	0.30	7.58	ppb
Silver	109-1	0.31	0.27	0.28	0.29	7.54	ppb
Sodium	23-2	196.22	201.23	204.94	200.79	2.18	ppb
Strontium	86-1	58.29	58.78	59.99	59.02	1.49	ppb
Strontium	88-1	58.97	59.11	60.24	59.44	1.16	ppb
Sulfur	34-1	-507.52	-759.03	-846.68	-704.41		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.26	0.25	0.29	0.27	8.64	ppb
Thallium	205-1	0.10	0.12	0.15	0.12	20.00	ppb
Tin	118-1	2.59	2.57	2.57	2.58	0.44	ppb
Titanium	47-1	1188.94	1192.77	1211.05	1197.58	0.99	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-01	Instrumnet Name :	P7
Client Sample ID :	MYD567	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:34:47	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.78	0.77	0.78	1.00	ppb
Vanadium	51-2	129.13	127.48	127.36	127.99	0.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	222.78	222.85	218.56	221.40	1.11	ppb
Zirconium	90-1	8.32	8.49	8.57	8.46	1.51	ppb
Zirconium	91-1	8.30	8.63	8.52	8.48	1.98	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-02	Instrumnet Name :	P7
Client Sample ID :	MYD568	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:38:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63663.62	64144.84	64407.97	64072.14	0.59	ppb
Antimony	121-1	0.81	0.84	0.81	0.82	1.73	ppb
Arsenic	75-2	29.12	29.43	28.46	29.00	1.70	ppb
Barium	135-1	460.28	459.04	463.12	460.81	0.45	ppb
Barium	137-1	489.27	495.61	492.69	492.52	0.64	ppb
Beryllium	9-1	2.77	2.71	2.57	2.68	3.84	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.00	1.70	2.13	1.94	11.40	ppb
Cadmium	106-1	4.60	3.69	4.06	4.11	11.07	ppb
Cadmium	111-1	0.61	0.61	0.58	0.60	2.40	ppb
Calcium	43-1	20036.16	20259.75	20045.06	20113.66	0.63	ppb
Calcium	44-1	18841.80	19062.81	18782.22	18895.61	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70.11	71.41	71.18	70.90	0.98	ppb
Cobalt	59-2	38.59	39.02	38.82	38.81	0.55	ppb
Copper	63-2	90.06	90.52	90.09	90.22	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	92344.62	93992.13	93216.25	93184.33	0.88	ppb
Iron	57-2	92050.49	94005.92	93480.48	93178.96	1.09	ppb
Iron	54-2	92917.07	94708.51	93506.72	93710.76	0.97	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-02	Instrumnet Name :	P7
Client Sample ID :	MYD568	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:38:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.23	26.16	26.17	25.85	2.10	ppb
Lead	207-1	23.64	24.11	24.40	24.05	1.59	ppb
Lead	208-1	24.37	25.26	25.53	25.05	2.41	ppb
Lithium	6-1				105		%
Magnesium	24-2	19424.76	19712.99	19559.44	19565.73	0.74	ppb
Manganese	55-2	1862.91	1891.80	1872.83	1875.85	0.78	ppb
Molybdenum	94-1	29.44	29.87	29.82	29.71	0.78	ppb
Molybdenum	95-1	0.83	0.87	0.90	0.87	3.68	ppb
Molybdenum	96-1	4.46	4.53	4.49	4.50	0.81	ppb
Molybdenum	97-1	0.87	0.83	0.80	0.83	3.98	ppb
Molybdenum	98-1	0.83	0.82	0.86	0.84	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.76	61.14	60.59	60.83	0.46	ppb
Phosphorus	31-2	1812.71	1840.56	1821.71	1824.99	0.78	ppb
Potassium	39-2	12261.69	12502.31	12477.73	12413.91	1.07	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.50	1.00	1.10	0.87	37.42	ppb
Selenium	77-2	23.36	22.84	17.75	21.31	14.55	ppb
Selenium	78-2	1.81	2.08	3.11	2.33	29.36	ppb
Silicon	28-1	509.52	518.42	511.14	513.02	0.92	ppb
Silver	107-1	0.19	0.20	0.19	0.20	3.02	ppb
Silver	109-1	0.18	0.19	0.19	0.19	3.37	ppb
Sodium	23-2	259.95	268.54	263.49	263.99	1.64	ppb
Strontium	86-1	84.01	86.17	85.74	85.31	1.34	ppb
Strontium	88-1	85.31	86.42	85.61	85.78	0.67	ppb
Sulfur	34-1	-1349.33	-1319.33	-1479.11	-1382.59		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.44	0.45	0.47	0.46	3.62	ppb
Thallium	205-1	0.22	0.25	0.25	0.24	7.94	ppb
Tin	118-1	2.90	3.01	3.02	2.97	2.20	ppb
Titanium	47-1	1280.92	1300.34	1287.94	1289.74	0.76	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-02	Instrumnet Name :	P7
Client Sample ID :	MYD568	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:38:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.35	1.36	1.33	2.37	ppb
Vanadium	51-2	132.32	133.29	133.62	133.08	0.51	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	187.04	188.18	189.14	188.12	0.56	ppb
Zirconium	90-1	15.93	16.43	16.59	16.32	2.09	ppb
Zirconium	91-1	16.28	16.62	16.22	16.37	1.30	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-03	Instrumnet Name :	P7
Client Sample ID :	MYD569	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:41:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60802.48	75190.11	56113.28	64035.29	15.52	ppb
Antimony	121-1	0.92	0.90	0.92	0.91	1.08	ppb
Arsenic	75-2	30.23	37.70	27.47	31.80	16.65	ppb
Barium	135-1	459.99	458.90	457.66	458.85	0.25	ppb
Barium	137-1	462.70	459.87	458.03	460.20	0.51	ppb
Beryllium	9-1	2.44	2.43	2.48	2.45	1.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.45	1.84	1.87	2.05	16.67	ppb
Cadmium	106-1	4.89	4.56	4.41	4.62	5.25	ppb
Cadmium	111-1	0.69	0.73	0.69	0.70	3.52	ppb
Calcium	43-1	19885.15	20020.25	20022.86	19976.09	0.39	ppb
Calcium	44-1	18957.41	19069.35	18691.38	18906.05	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.84	81.43	60.60	69.29	15.64	ppb
Cobalt	59-2	38.37	47.70	35.55	40.54	15.68	ppb
Copper	63-2	86.97	108.56	80.24	91.92	16.09	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				101		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	89985.00	111847.90	83992.20	95275.03	15.39	ppb
Iron	57-2	89248.08	110599.72	82076.34	93974.71	15.79	ppb
Iron	54-2	89499.04	112289.45	83995.92	95261.47	15.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-03	Instrumnet Name :	P7
Client Sample ID :	MYD569	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:41:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.60	29.48	29.58	29.55	0.24	ppb
Lead	207-1	26.69	27.24	27.15	27.03	1.08	ppb
Lead	208-1	28.37	28.54	28.56	28.49	0.37	ppb
Lithium	6-1				106		%
Magnesium	24-2	19201.73	24015.34	17898.98	20372.01	15.81	ppb
Manganese	55-2	1941.91	2411.32	1813.27	2055.50	15.31	ppb
Molybdenum	94-1	33.49	33.77	33.23	33.50	0.80	ppb
Molybdenum	95-1	0.82	0.87	0.86	0.85	3.54	ppb
Molybdenum	96-1	4.88	4.98	4.78	4.88	2.05	ppb
Molybdenum	97-1	0.79	0.90	0.84	0.85	6.32	ppb
Molybdenum	98-1	0.83	0.84	0.82	0.83	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.52	72.39	53.84	61.59	15.66	ppb
Phosphorus	31-2	1891.20	2354.78	1745.16	1997.05	15.94	ppb
Potassium	39-2	11345.32	14052.62	10631.41	12009.78	15.03	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.52	0.95	1.47	0.98	48.19	ppb
Selenium	77-2	21.10	30.02	20.67	23.93	22.06	ppb
Selenium	78-2	2.30	2.73	1.56	2.20	26.86	ppb
Silicon	28-1	442.66	447.64	454.17	448.16	1.29	ppb
Silver	107-1	0.18	0.20	0.19	0.19	4.27	ppb
Silver	109-1	0.17	0.17	0.20	0.18	8.21	ppb
Sodium	23-2	280.43	356.65	263.61	300.23	16.51	ppb
Strontium	86-1	89.10	89.16	87.63	88.63	0.97	ppb
Strontium	88-1	89.17	88.32	89.65	89.05	0.76	ppb
Sulfur	34-1	-1496.80	-1527.49	-1486.96	-1503.75		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.42	0.43	0.43	0.43	1.75	ppb
Thallium	205-1	0.21	0.21	0.21	0.21	0.38	ppb
Tin	118-1	2.81	2.78	2.73	2.77	1.39	ppb
Titanium	47-1	1161.29	1176.29	1173.63	1170.40	0.68	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-03	Instrumnet Name :	P7
Client Sample ID :	MYD569	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:41:28	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.24	1.22	1.21	1.22	1.41	ppb
Vanadium	51-2	125.59	155.48	117.17	132.74	15.17	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	178.64	224.42	167.93	190.33	15.77	ppb
Zirconium	90-1	18.48	18.72	18.32	18.51	1.09	ppb
Zirconium	91-1	18.79	18.40	18.23	18.47	1.56	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:44:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35018.60	37631.62	35859.92	36170.04	3.69	ppb
Antimony	121-1	1.43	1.40	1.47	1.43	2.58	ppb
Arsenic	75-2	60.85	67.06	61.15	63.02	5.55	ppb
Barium	135-1	260.40	254.73	260.27	258.47	1.25	ppb
Barium	137-1	260.19	257.26	260.91	259.46	0.74	ppb
Beryllium	9-1	1.38	1.30	1.32	1.33	2.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.86	1.36	1.21	1.14	22.63	ppb
Cadmium	106-1	2.25	1.95	3.40	2.54	30.23	ppb
Cadmium	111-1	0.72	0.68	0.80	0.73	8.71	ppb
Calcium	43-1	13716.25	13796.26	13790.87	13767.79	0.32	ppb
Calcium	44-1	12811.61	12955.58	13308.67	13025.29	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.09	47.54	45.18	45.94	3.03	ppb
Cobalt	59-2	32.55	34.54	33.12	33.40	3.06	ppb
Copper	63-2	86.19	92.72	88.18	89.03	3.76	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				97		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	88071.58	93746.22	89591.58	90469.79	3.25	ppb
Iron	57-2	86868.93	92583.14	88400.49	89284.19	3.31	ppb
Iron	54-2	89170.06	93365.33	89673.73	90736.37	2.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:44:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.16	38.48	38.11	38.58	1.38	ppb
Lead	207-1	38.68	38.22	38.05	38.32	0.85	ppb
Lead	208-1	41.05	40.20	40.28	40.51	1.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	13891.61	14861.08	14426.46	14393.05	3.37	ppb
Manganese	55-2	1538.02	1629.98	1576.46	1581.49	2.92	ppb
Molybdenum	94-1	14.05	14.43	14.35	14.28	1.41	ppb
Molybdenum	95-1	0.98	0.95	0.99	0.97	1.90	ppb
Molybdenum	96-1	2.95	2.98	2.93	2.95	1.00	ppb
Molybdenum	97-1	0.95	0.94	0.92	0.94	1.59	ppb
Molybdenum	98-1	0.90	0.99	0.96	0.95	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.12	41.14	39.09	39.78	2.95	ppb
Phosphorus	31-2	2544.12	2624.95	2534.38	2567.82	1.94	ppb
Potassium	39-2	7909.38	8368.74	8011.33	8096.48	2.98	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.54	0.66	0.40	0.54	24.61	ppb
Selenium	77-2	11.24	13.47	11.13	11.94	11.07	ppb
Selenium	78-2	3.27	1.55	0.26	1.69	89.03	ppb
Silicon	28-1	538.29	539.98	543.26	540.51	0.47	ppb
Silver	107-1	0.18	0.18	0.20	0.19	5.73	ppb
Silver	109-1	0.19	0.19	0.19	0.19	0.77	ppb
Sodium	23-2	179.18	191.42	182.34	184.31	3.45	ppb
Strontium	86-1	59.30	60.32	59.58	59.73	0.88	ppb
Strontium	88-1	59.38	60.38	59.85	59.87	0.84	ppb
Sulfur	34-1	-918.64	-954.92	-881.44	-918.33		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.21	0.21	0.20	0.21	2.32	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	21.31	ppb
Tin	118-1	2.27	2.22	2.21	2.23	1.45	ppb
Titanium	47-1	1273.06	1279.90	1290.72	1281.23	0.70	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:44:42	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.88	0.87	0.88	1.17	ppb
Vanadium	51-2	158.51	167.34	162.14	162.67	2.73	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	203.36	216.77	208.25	209.46	3.24	ppb
Zirconium	90-1	7.64	7.70	7.62	7.66	0.55	ppb
Zirconium	91-1	7.64	7.75	7.71	7.70	0.76	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:47:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36549.59	35977.17	36215.62	36247.46	0.79	ppb
Antimony	121-1	1.79	1.86	1.99	1.88	5.35	ppb
Arsenic	75-2	64.99	65.15	65.91	65.35	0.75	ppb
Barium	135-1	263.27	261.21	279.00	267.83	3.63	ppb
Barium	137-1	265.45	261.76	281.82	269.68	3.96	ppb
Beryllium	9-1	1.38	1.39	1.52	1.43	5.56	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.48	0.88	1.37	1.24	25.65	ppb
Cadmium	106-1	2.07	2.91	2.64	2.54	16.84	ppb
Cadmium	111-1	0.68	0.84	0.79	0.77	10.44	ppb
Calcium	43-1	14489.99	14419.01	15301.14	14736.72	3.33	ppb
Calcium	44-1	13666.40	13871.07	14608.16	14048.54	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.53	44.67	45.05	44.75	0.60	ppb
Cobalt	59-2	32.99	32.89	32.82	32.90	0.26	ppb
Copper	63-2	88.52	89.41	89.68	89.20	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	90259.79	90351.34	90703.96	90438.37	0.26	ppb
Iron	57-2	89622.68	89690.35	89614.35	89642.46	0.05	ppb
Iron	54-2	89557.48	91200.73	91460.44	90739.55	1.14	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:47:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.37	40.22	42.79	41.13	3.51	ppb
Lead	207-1	40.31	40.13	43.52	41.32	4.62	ppb
Lead	208-1	42.35	42.02	45.10	43.16	3.92	ppb
Lithium	6-1				102		%
Magnesium	24-2	14223.92	14402.40	14340.41	14322.24	0.63	ppb
Manganese	55-2	1524.97	1520.58	1547.70	1531.08	0.95	ppb
Molybdenum	94-1	15.43	15.91	16.77	16.04	4.23	ppb
Molybdenum	95-1	0.97	1.02	1.12	1.04	7.37	ppb
Molybdenum	96-1	3.17	3.21	3.38	3.25	3.37	ppb
Molybdenum	97-1	0.97	0.97	1.14	1.03	9.88	ppb
Molybdenum	98-1	0.94	0.99	1.05	1.00	5.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.46	39.16	39.01	38.87	0.95	ppb
Phosphorus	31-2	2549.82	2484.92	2670.40	2568.38	3.66	ppb
Potassium	39-2	7954.07	7965.21	8048.16	7989.15	0.64	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.26	0.88	0.34	0.49	68.24	ppb
Selenium	77-2	11.29	11.81	8.96	10.69	14.21	ppb
Selenium	78-2	1.02	0.45	2.10	1.19	70.39	ppb
Silicon	28-1	543.52	539.63	586.47	556.54	4.67	ppb
Silver	107-1	0.19	0.19	0.22	0.20	7.24	ppb
Silver	109-1	0.21	0.20	0.22	0.21	4.69	ppb
Sodium	23-2	183.34	187.14	188.37	186.28	1.41	ppb
Strontium	86-1	61.72	62.64	66.34	63.57	3.85	ppb
Strontium	88-1	61.87	62.42	66.81	63.70	4.25	ppb
Sulfur	34-1	-829.12	-960.56	-572.88	-787.52		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.21	0.24	0.24	0.23	7.86	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	8.39	ppb
Tin	118-1	2.53	2.54	2.71	2.59	3.83	ppb
Titanium	47-1	1332.34	1343.67	1440.70	1372.24	4.34	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:47:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.86	0.93	0.89	3.98	ppb
Vanadium	51-2	163.04	162.59	163.94	163.19	0.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	207.93	208.87	209.84	208.88	0.46	ppb
Zirconium	90-1	8.26	8.41	8.90	8.52	3.90	ppb
Zirconium	91-1	8.31	8.46	8.92	8.57	3.68	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-07 18:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7309.97	7313.43	7198.94	7274.11	0.90	ppb
Antimony	121-1	0.31	0.30	0.31	0.31	1.68	ppb
Arsenic	75-2	13.05	13.58	13.13	13.25	2.16	ppb
Barium	135-1	52.17	51.50	52.01	51.89	0.68	ppb
Barium	137-1	52.41	51.96	52.20	52.19	0.43	ppb
Beryllium	9-1	0.17	0.29	0.21	0.22	28.14	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.27	0.18	0.36	0.27	33.58	ppb
Cadmium	106-1	1.61	0.01	-0.16	0.48	202.04	ppb
Cadmium	111-1	0.22	0.09	0.11	0.14	51.89	ppb
Calcium	43-1	2821.06	2922.04	2910.42	2884.51	1.92	ppb
Calcium	44-1	2970.20	2957.96	2945.25	2957.81	0.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.22	9.13	8.87	9.08	2.02	ppb
Cobalt	59-2	6.75	6.68	6.43	6.62	2.49	ppb
Copper	63-2	17.95	17.76	17.70	17.80	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	17869.75	18116.01	17937.31	17974.36	0.71	ppb
Iron	57-2	18924.70	18924.68	18672.46	18840.61	0.77	ppb
Iron	54-2	18229.95	18238.32	18386.59	18284.95	0.48	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-07 18:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.39	7.48	7.52	7.46	0.91	ppb
Lead	207-1	7.24	7.59	7.61	7.48	2.79	ppb
Lead	208-1	7.82	7.94	8.14	7.96	2.02	ppb
Lithium	6-1				104		%
Magnesium	24-2	2930.39	2932.00	2892.22	2918.20	0.77	ppb
Manganese	55-2	316.22	319.46	316.34	317.34	0.58	ppb
Molybdenum	94-1	2.84	3.13	3.11	3.03	5.17	ppb
Molybdenum	95-1	0.18	0.20	0.22	0.20	10.58	ppb
Molybdenum	96-1	0.59	0.61	0.59	0.60	2.38	ppb
Molybdenum	97-1	0.22	0.19	0.20	0.20	7.66	ppb
Molybdenum	98-1	0.21	0.20	0.21	0.21	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.81	7.97	7.70	7.83	1.78	ppb
Phosphorus	31-2	473.73	494.29	510.50	492.84	3.74	ppb
Potassium	39-2	1698.70	1703.77	1697.11	1699.86	0.20	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.23	0.36	-0.06	0.18	123.27	ppb
Selenium	77-2	3.11	3.12	1.95	2.73	24.72	ppb
Selenium	78-2	-0.24	-2.79	0.36	-0.89		ppb
Silicon	28-1	113.54	113.68	114.90	114.04	0.65	ppb
Silver	107-1	0.03	0.04	0.03	0.04	17.63	ppb
Silver	109-1	0.03	0.03	0.04	0.03	5.52	ppb
Sodium	23-2	43.89	44.04	41.94	43.29	2.70	ppb
Strontium	86-1	12.06	12.60	12.60	12.42	2.50	ppb
Strontium	88-1	12.49	12.82	12.79	12.70	1.44	ppb
Sulfur	34-1	-1069.27	-1052.11	-1145.66	-1089.01		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.01	0.02	48.90	ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.38	0.42	0.38	0.39	5.87	ppb
Titanium	47-1	265.34	266.41	266.81	266.19	0.28	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-07 18:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.17	0.16	0.16	2.00	ppb
Vanadium	51-2	31.91	32.54	32.34	32.26	0.99	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	41.99	40.88	40.81	41.22	1.61	ppb
Zirconium	90-1	1.52	1.61	1.60	1.58	3.15	ppb
Zirconium	91-1	1.47	1.55	1.60	1.54	4.33	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:54:27	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37904.31	37236.89	36904.46	37348.55	1.36	ppb
Antimony	121-1	59.90	67.64	60.17	62.57	7.02	ppb
Arsenic	75-2	87.56	85.55	88.93	87.35	1.95	ppb
Barium	135-1	1483.77	1640.43	1471.41	1531.87	6.15	ppb
Barium	137-1	1466.04	1625.19	1462.69	1517.97	6.12	ppb
Beryllium	9-1	33.47	36.09	32.98	34.18	4.89	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.61	31.36	28.37	29.78	5.03	ppb
Cadmium	106-1	29.18	32.82	29.00	30.33	7.11	ppb
Cadmium	111-1	31.19	35.55	31.27	32.67	7.64	ppb
Calcium	43-1	14295.92	15802.84	14041.65	14713.47	6.47	ppb
Calcium	44-1	13379.84	14844.80	13401.44	13875.36	6.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162.59	162.19	162.16	162.31	0.15	ppb
Cobalt	59-2	323.08	321.10	322.29	322.15	0.31	ppb
Copper	63-2	225.88	224.34	225.66	225.30	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				98		%
Holmium	165-2				98		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	92429.41	90821.32	91737.84	91662.86	0.88	ppb
Iron	57-2	91590.69	90862.91	91145.15	91199.58	0.40	ppb
Iron	54-2	92728.36	92115.85	92375.65	92406.62	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:54:27	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	50.49	57.01	51.46	52.99	6.64	ppb
Lead	207-1	50.07	57.70	50.90	52.89	7.91	ppb
Lead	208-1	53.28	60.54	54.16	55.99	7.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	14552.22	14322.98	14318.78	14397.99	0.93	ppb
Manganese	55-2	1844.61	1835.65	1848.66	1842.97	0.36	ppb
Molybdenum	94-1	15.11	16.56	14.96	15.54	5.67	ppb
Molybdenum	95-1	0.99	1.10	1.00	1.03	5.72	ppb
Molybdenum	96-1	3.12	3.43	2.97	3.17	7.38	ppb
Molybdenum	97-1	0.99	1.13	1.06	1.06	6.37	ppb
Molybdenum	98-1	0.96	1.03	0.93	0.98	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	339.58	331.02	333.37	334.66	1.32	ppb
Phosphorus	31-2	2537.06	2557.26	2548.29	2547.53	0.40	ppb
Potassium	39-2	8018.47	8170.24	8144.77	8111.16	1.00	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	57.26	62.97	58.08	59.44	5.20	ppb
Selenium	77-2	71.65	61.28	73.14	68.69	9.41	ppb
Selenium	78-2	60.37	60.92	54.25	58.51	6.33	ppb
Silicon	28-1	564.10	624.80	563.84	584.25	6.01	ppb
Silver	107-1	29.43	32.90	29.10	30.48	6.91	ppb
Silver	109-1	29.43	33.19	29.50	30.71	7.00	ppb
Sodium	23-2	176.01	178.34	176.82	177.06	0.67	ppb
Strontium	86-1	62.30	67.66	61.80	63.92	5.08	ppb
Strontium	88-1	62.15	68.36	61.89	64.13	5.71	ppb
Sulfur	34-1	-994.73	-575.49	-1115.29	-895.17		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	26.89	30.60	27.46	28.31	7.06	ppb
Thallium	205-1	27.97	31.39	28.01	29.12	6.74	ppb
Tin	118-1	2.27	2.73	2.31	2.44	10.38	ppb
Titanium	47-1	1322.60	1480.73	1317.14	1373.49	6.76	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:54:27	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	1.03	0.90	0.94	7.59	ppb
Vanadium	51-2	453.87	449.65	452.31	451.95	0.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	502.19	493.67	498.23	498.03	0.86	ppb
Zirconium	90-1	7.98	8.82	7.99	8.26	5.88	ppb
Zirconium	91-1	7.96	8.66	7.98	8.20	4.82	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:57:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41917.90	41363.30	42167.51	41816.24	0.98	ppb
Antimony	121-1	308.03	320.26	316.81	315.03	2.00	ppb
Arsenic	75-2	175.85	170.34	171.60	172.60	1.67	ppb
Barium	135-1	6158.79	6425.98	6223.75	6269.50	2.22	ppb
Barium	137-1	6128.68	6447.96	6251.66	6276.10	2.57	ppb
Beryllium	9-1	161.50	164.86	163.17	163.18	1.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.39	143.53	141.52	140.82	2.22	ppb
Cadmium	106-1	134.49	139.73	137.15	137.13	1.91	ppb
Cadmium	111-1	154.25	160.99	156.04	157.09	2.22	ppb
Calcium	43-1	13965.68	14748.62	14364.85	14359.72	2.73	ppb
Calcium	44-1	13342.11	13955.25	13559.30	13618.88	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	625.22	613.49	623.09	620.60	1.01	ppb
Cobalt	59-2	1501.11	1474.99	1482.43	1486.18	0.91	ppb
Copper	63-2	787.34	784.19	791.20	787.58	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	94203.41	93077.82	94161.90	93814.37	0.68	ppb
Iron	57-2	95095.37	92027.86	93741.24	93621.49	1.64	ppb
Iron	54-2	96147.64	93802.37	94251.27	94733.76	1.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:57:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.63	96.56	94.02	95.07	1.39	ppb
Lead	207-1	93.71	95.20	94.07	94.33	0.82	ppb
Lead	208-1	100.95	103.06	100.94	101.65	1.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	14452.09	14252.65	14252.90	14319.21	0.80	ppb
Manganese	55-2	3019.80	2949.78	2960.94	2976.84	1.26	ppb
Molybdenum	94-1	14.85	15.15	14.99	15.00	1.00	ppb
Molybdenum	95-1	1.03	1.03	1.04	1.03	0.65	ppb
Molybdenum	96-1	3.14	3.20	3.11	3.15	1.36	ppb
Molybdenum	97-1	0.96	1.08	0.99	1.01	6.42	ppb
Molybdenum	98-1	0.99	1.07	1.03	1.03	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1515.50	1495.14	1503.89	1504.84	0.68	ppb
Phosphorus	31-2	2560.62	2528.62	2554.43	2547.89	0.67	ppb
Potassium	39-2	8124.87	8036.46	8020.09	8060.47	0.70	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	312.06	318.68	316.27	315.67	1.06	ppb
Selenium	77-2	352.25	311.13	302.14	321.84	8.30	ppb
Selenium	78-2	316.60	304.15	308.14	309.63	2.05	ppb
Silicon	28-1	559.99	586.15	568.50	571.55	2.34	ppb
Silver	107-1	51.98	53.50	47.72	51.07	5.87	ppb
Silver	109-1	65.66	50.38	53.94	56.66	14.11	ppb
Sodium	23-2	181.06	179.78	179.36	180.07	0.49	ppb
Strontium	86-1	61.07	62.87	62.12	62.02	1.46	ppb
Strontium	88-1	61.14	63.25	62.70	62.36	1.75	ppb
Sulfur	34-1	-1039.51	-904.55	-1090.72	-1011.59		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	137.86	138.24	136.23	137.45	0.78	ppb
Thallium	205-1	157.49	162.46	157.59	159.18	1.78	ppb
Tin	118-1	2.13	2.29	2.27	2.23	3.72	ppb
Titanium	47-1	1300.40	1373.01	1332.26	1335.23	2.73	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:57:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.94	0.90	0.92	1.97	ppb
Vanadium	51-2	1589.75	1567.62	1566.60	1574.66	0.83	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1651.55	1643.62	1638.78	1644.65	0.39	ppb
Zirconium	90-1	7.89	8.13	8.13	8.05	1.72	ppb
Zirconium	91-1	7.95	8.24	8.05	8.08	1.79	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-07	Instrumnet Name :	P7
Client Sample ID :	MYD571	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:00:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39946.92	47651.00	37643.00	41746.97	12.55	ppb
Antimony	121-1	8.65	8.53	8.79	8.66	1.55	ppb
Arsenic	75-2	142.81	164.21	132.85	146.63	10.93	ppb
Barium	135-1	303.89	307.55	315.04	308.82	1.84	ppb
Barium	137-1	307.67	309.24	316.80	311.24	1.57	ppb
Beryllium	9-1	1.61	1.55	1.42	1.53	6.56	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.74	3.05	2.75	2.85	6.18	ppb
Cadmium	106-1	3.64	3.97	4.06	3.89	5.67	ppb
Cadmium	111-1	2.09	2.17	2.14	2.13	1.79	ppb
Calcium	43-1	15689.60	16048.49	15808.44	15848.84	1.15	ppb
Calcium	44-1	14795.74	14865.69	14946.66	14869.36	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.47	52.35	41.32	46.05	12.34	ppb
Cobalt	59-2	41.83	49.67	39.52	43.67	12.18	ppb
Copper	63-2	163.74	192.44	151.74	169.31	12.35	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				98		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	105492.56	125209.80	98454.96	109719.10	12.64	ppb
Iron	57-2	104271.09	124043.76	98078.37	108797.74	12.47	ppb
Iron	54-2	105617.65	124472.73	98694.81	109595.06	12.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-07	Instrumnet Name :	P7
Client Sample ID :	MYD571	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:00:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	107.78	106.11	107.08	106.99	0.78	ppb
Lead	207-1	111.83	110.57	112.06	111.49	0.72	ppb
Lead	208-1	118.29	115.99	117.12	117.13	0.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	16654.12	19651.81	15843.10	17383.01	11.54	ppb
Manganese	55-2	1878.66	2233.73	1759.88	1957.42	12.60	ppb
Molybdenum	94-1	17.96	18.06	18.12	18.05	0.46	ppb
Molybdenum	95-1	1.39	1.31	1.39	1.36	3.38	ppb
Molybdenum	96-1	3.83	3.78	3.73	3.78	1.25	ppb
Molybdenum	97-1	1.36	1.38	1.35	1.36	0.81	ppb
Molybdenum	98-1	1.30	1.33	1.36	1.33	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.01	51.48	41.33	45.61	11.53	ppb
Phosphorus	31-2	3177.81	3815.19	3072.45	3355.15	11.98	ppb
Potassium	39-2	10292.22	12077.70	9465.27	10611.73	12.58	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	1.67	1.31	1.54	1.50	12.16	ppb
Selenium	77-2	13.38	18.86	14.37	15.54	18.80	ppb
Selenium	78-2	1.06	3.23	0.95	1.75	73.79	ppb
Silicon	28-1	335.33	338.23	335.42	336.33	0.49	ppb
Silver	107-1	0.73	0.71	0.72	0.72	0.80	ppb
Silver	109-1	0.74	0.72	0.72	0.73	1.64	ppb
Sodium	23-2	208.68	251.82	199.84	220.11	12.63	ppb
Strontium	86-1	70.02	69.64	70.24	69.97	0.43	ppb
Strontium	88-1	69.22	69.05	69.91	69.40	0.66	ppb
Sulfur	34-1	-900.25	-976.98	-959.69	-945.64		ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.34	0.32	0.32	0.33	2.73	ppb
Thallium	205-1	0.16	0.14	0.16	0.15	5.68	ppb
Tin	118-1	2.40	2.50	2.57	2.49	3.51	ppb
Titanium	47-1	1345.55	1366.15	1369.37	1360.36	0.95	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-07	Instrumnet Name :	P7
Client Sample ID :	MYD571	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:00:41	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.03	1.07	1.05	1.86	ppb
Vanadium	51-2	168.37	200.01	158.25	175.54	12.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	472.75	564.80	447.97	495.17	12.43	ppb
Zirconium	90-1	9.50	9.49	9.67	9.55	1.04	ppb
Zirconium	91-1	9.61	9.42	9.68	9.57	1.43	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-08	Instrumnet Name :	P7
Client Sample ID :	MYD572	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:03:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68537.09	68735.59	68958.12	68743.60	0.31	ppb
Antimony	121-1	0.95	0.95	1.00	0.97	3.30	ppb
Arsenic	75-2	36.00	36.94	35.44	36.13	2.11	ppb
Barium	135-1	480.20	480.85	477.19	479.41	0.41	ppb
Barium	137-1	480.30	482.30	501.78	488.13	2.43	ppb
Beryllium	9-1	2.38	2.53	2.66	2.52	5.52	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.98	2.12	2.12	2.07	3.92	ppb
Cadmium	106-1	6.02	4.49	4.73	5.08	16.20	ppb
Cadmium	111-1	0.80	0.66	0.66	0.71	11.94	ppb
Calcium	43-1	22264.55	22091.23	22399.91	22251.90	0.70	ppb
Calcium	44-1	20947.70	20766.34	20903.55	20872.53	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67.93	68.33	68.27	68.18	0.32	ppb
Cobalt	59-2	43.14	43.02	43.18	43.11	0.18	ppb
Copper	63-2	97.88	97.93	97.84	97.89	0.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				91		%
Iron	56-2	105636.36	105194.10	105555.84	105462.10	0.22	ppb
Iron	57-2	103852.20	104663.78	104256.70	104257.56	0.39	ppb
Iron	54-2	106087.55	106029.76	106360.44	106159.25	0.17	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-08	Instrumnet Name :	P7
Client Sample ID :	MYD572	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:03:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.29	27.31	27.42	27.34	0.25	ppb
Lead	207-1	25.44	25.01	25.38	25.28	0.92	ppb
Lead	208-1	26.37	26.18	26.37	26.31	0.41	ppb
Lithium	6-1				102		%
Magnesium	24-2	21640.04	22181.35	22013.79	21945.06	1.26	ppb
Manganese	55-2	2228.92	2227.91	2222.07	2226.30	0.17	ppb
Molybdenum	94-1	31.56	32.03	31.81	31.80	0.74	ppb
Molybdenum	95-1	0.89	0.85	0.93	0.89	4.34	ppb
Molybdenum	96-1	4.81	4.74	4.86	4.81	1.22	ppb
Molybdenum	97-1	0.98	0.90	0.93	0.93	4.27	ppb
Molybdenum	98-1	0.90	0.87	0.89	0.89	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.59	60.22	59.24	59.68	0.83	ppb
Phosphorus	31-2	2060.39	2012.84	2018.74	2030.66	1.28	ppb
Potassium	39-2	11189.09	11447.05	11314.11	11316.75	1.14	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.56	0.97	0.85	0.79	26.32	ppb
Selenium	77-2	18.92	18.22	18.39	18.51	1.98	ppb
Selenium	78-2	1.62	1.62	1.33	1.53	10.87	ppb
Silicon	28-1	310.23	310.21	312.47	310.97	0.42	ppb
Silver	107-1	0.21	0.19	0.19	0.20	6.90	ppb
Silver	109-1	0.20	0.18	0.18	0.19	7.93	ppb
Sodium	23-2	234.94	238.39	239.60	237.64	1.02	ppb
Strontium	86-1	97.21	96.73	97.47	97.14	0.38	ppb
Strontium	88-1	98.62	99.76	99.92	99.43	0.72	ppb
Sulfur	34-1	-1491.26	-1641.78	-1681.40	-1604.81		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.41	0.39	0.39	0.40	2.10	ppb
Thallium	205-1	0.15	0.13	0.15	0.14	8.65	ppb
Tin	118-1	2.79	2.84	2.76	2.79	1.34	ppb
Titanium	47-1	1120.62	1103.52	1122.68	1115.61	0.94	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-08	Instrumnet Name :	P7
Client Sample ID :	MYD572	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:03:55	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.39	1.37	1.38	1.38	0.87	ppb
Vanadium	51-2	146.11	146.53	147.59	146.74	0.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	197.09	199.36	200.14	198.86	0.80	ppb
Zirconium	90-1	17.45	17.65	17.72	17.61	0.81	ppb
Zirconium	91-1	17.22	17.47	17.72	17.47	1.43	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-09	Instrumnet Name :	P7
Client Sample ID :	MYD574	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:07:07	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39370.34	39583.86	39540.69	39498.29	0.29	ppb
Antimony	121-1	3.03	3.07	3.42	3.17	6.80	ppb
Arsenic	75-2	146.96	149.13	147.09	147.73	0.83	ppb
Barium	135-1	274.37	275.25	302.88	284.17	5.71	ppb
Barium	137-1	276.21	276.33	300.43	284.32	4.91	ppb
Beryllium	9-1	1.53	1.50	1.52	1.51	1.01	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.63	2.43	2.67	2.58	4.99	ppb
Cadmium	106-1	4.75	3.63	3.72	4.04	15.42	ppb
Cadmium	111-1	1.68	1.65	1.81	1.71	4.96	ppb
Calcium	43-1	16237.81	16399.95	17808.10	16815.29	5.14	ppb
Calcium	44-1	15523.78	15437.58	16548.62	15836.66	3.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.06	48.35	48.69	48.37	0.65	ppb
Cobalt	59-2	40.16	40.68	40.44	40.43	0.65	ppb
Copper	63-2	133.26	133.83	133.42	133.50	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	114112.75	114275.87	116265.54	114884.72	1.04	ppb
Iron	57-2	114473.45	115525.44	115131.39	115043.43	0.46	ppb
Iron	54-2	115503.64	116775.16	115243.22	115840.67	0.71	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-09	Instrumnet Name :	P7
Client Sample ID :	MYD574	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:07:07	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.65	89.84	96.34	91.61	4.52	ppb
Lead	207-1	91.77	93.37	101.29	95.48	5.34	ppb
Lead	208-1	96.51	97.57	105.75	99.95	5.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	15813.70	15991.23	15976.77	15927.23	0.62	ppb
Manganese	55-2	1557.04	1553.63	1572.89	1561.19	0.66	ppb
Molybdenum	94-1	19.25	19.71	21.04	20.00	4.65	ppb
Molybdenum	95-1	1.19	1.31	1.35	1.28	6.22	ppb
Molybdenum	96-1	4.00	3.97	4.22	4.06	3.46	ppb
Molybdenum	97-1	1.25	1.15	1.39	1.26	9.43	ppb
Molybdenum	98-1	1.22	1.21	1.31	1.25	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.61	40.25	40.58	40.48	0.49	ppb
Phosphorus	31-2	3161.66	3226.79	3284.12	3224.19	1.90	ppb
Potassium	39-2	7678.37	7796.07	7955.70	7810.05	1.78	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	1.17	0.74	0.96	0.96	22.55	ppb
Selenium	77-2	12.48	13.30	17.49	14.42	18.64	ppb
Selenium	78-2	0.52	2.12	0.96	1.20	68.79	ppb
Silicon	28-1	360.51	364.97	395.25	373.57	5.06	ppb
Silver	107-1	0.49	0.47	0.53	0.50	5.90	ppb
Silver	109-1	0.48	0.47	0.53	0.49	6.66	ppb
Sodium	23-2	233.25	235.06	238.79	235.70	1.20	ppb
Strontium	86-1	68.28	69.24	74.03	70.52	4.37	ppb
Strontium	88-1	68.30	69.33	74.29	70.64	4.53	ppb
Sulfur	34-1	-662.78	-713.19	-260.31	-545.43		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.24	0.26	0.26	0.25	3.54	ppb
Thallium	205-1	0.10	0.08	0.10	0.09	13.48	ppb
Tin	118-1	2.91	2.89	3.19	3.00	5.59	ppb
Titanium	47-1	1473.79	1465.96	1570.08	1503.28	3.86	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-09	Instrumnet Name :	P7
Client Sample ID :	MYD574	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:07:07	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.86	0.95	0.90	5.42	ppb
Vanadium	51-2	216.05	217.99	217.65	217.23	0.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	437.29	443.07	443.00	441.12	0.75	ppb
Zirconium	90-1	10.38	10.59	11.24	10.74	4.19	ppb
Zirconium	91-1	10.44	10.54	11.29	10.76	4.29	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-10	Instrumnet Name :	P7
Client Sample ID :	MYD575	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:10:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37384.33	36863.73	37934.24	37394.10	1.43	ppb
Antimony	121-1	1.55	1.55	1.57	1.56	0.69	ppb
Arsenic	75-2	62.98	61.55	62.89	62.47	1.28	ppb
Barium	135-1	265.58	269.71	269.13	268.14	0.83	ppb
Barium	137-1	267.45	269.28	268.03	268.25	0.35	ppb
Beryllium	9-1	1.27	1.37	1.38	1.34	4.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.71	2.03	1.65	1.80	11.28	ppb
Cadmium	106-1	4.89	3.50	3.78	4.05	18.05	ppb
Cadmium	111-1	1.46	1.26	1.44	1.39	7.92	ppb
Calcium	43-1	12696.28	12676.09	13093.02	12821.80	1.83	ppb
Calcium	44-1	12160.67	12041.95	12280.53	12161.05	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.66	38.32	38.58	38.52	0.47	ppb
Cobalt	59-2	30.39	30.13	30.12	30.21	0.51	ppb
Copper	63-2	111.16	110.93	112.04	111.37	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				99		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	70728.63	70988.92	70850.35	70855.96	0.18	ppb
Iron	57-2	70196.75	69130.40	70105.57	69810.90	0.85	ppb
Iron	54-2	70566.93	70987.21	70836.24	70796.79	0.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-10	Instrumnet Name :	P7
Client Sample ID :	MYD575	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:10:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.43	58.88	59.89	59.07	1.27	ppb
Lead	207-1	59.82	60.22	60.76	60.26	0.78	ppb
Lead	208-1	63.07	63.58	64.26	63.64	0.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	13069.79	12914.69	13063.18	13015.89	0.67	ppb
Manganese	55-2	1569.54	1573.62	1568.83	1570.66	0.16	ppb
Molybdenum	94-1	16.23	16.61	16.72	16.52	1.55	ppb
Molybdenum	95-1	0.79	0.79	0.80	0.79	0.64	ppb
Molybdenum	96-1	2.91	2.85	2.93	2.90	1.37	ppb
Molybdenum	97-1	0.82	0.84	0.82	0.83	1.63	ppb
Molybdenum	98-1	0.76	0.74	0.77	0.76	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.32	35.10	34.95	34.79	1.19	ppb
Phosphorus	31-2	1834.44	1833.79	1864.56	1844.26	0.95	ppb
Potassium	39-2	7884.01	7761.07	7883.15	7842.74	0.90	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.93	0.96	1.46	1.11	26.76	ppb
Selenium	77-2	11.36	15.03	12.83	13.07	14.12	ppb
Selenium	78-2	2.11	1.59	0.95	1.55	37.45	ppb
Silicon	28-1	423.24	419.05	431.27	424.52	1.46	ppb
Silver	107-1	0.36	0.35	0.38	0.36	3.57	ppb
Silver	109-1	0.36	0.34	0.37	0.36	3.72	ppb
Sodium	23-2	148.47	146.90	149.09	148.15	0.76	ppb
Strontium	86-1	58.29	59.09	59.31	58.90	0.91	ppb
Strontium	88-1	58.25	58.59	59.16	58.67	0.78	ppb
Sulfur	34-1	-984.06	-1095.45	-1075.54	-1051.68		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.23	0.23	0.20	0.22	7.74	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	3.46	ppb
Tin	118-1	2.27	2.26	2.29	2.27	0.88	ppb
Titanium	47-1	934.72	935.80	949.84	940.12	0.90	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-10	Instrumnet Name :	P7
Client Sample ID :	MYD575	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:10:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.77	0.79	0.78	0.73	ppb
Vanadium	51-2	105.66	106.52	106.18	106.12	0.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	279.48	278.23	282.07	279.93	0.70	ppb
Zirconium	90-1	8.77	9.06	9.05	8.96	1.81	ppb
Zirconium	91-1	8.85	8.88	9.08	8.94	1.41	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-11	Instrumnet Name :	P7
Client Sample ID :	MYD576	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:13:34	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41376.99	40771.06	41591.62	41246.56	1.03	ppb
Antimony	121-1	4.66	4.11	4.21	4.33	6.82	ppb
Arsenic	75-2	81.57	79.12	82.37	81.02	2.09	ppb
Barium	135-1	586.98	513.17	528.10	542.75	7.19	ppb
Barium	137-1	640.02	544.69	566.49	583.74	8.56	ppb
Beryllium	9-1	2.73	2.48	2.48	2.56	5.62	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	13.96	12.00	11.56	12.51	10.20	ppb
Cadmium	106-1	14.69	12.72	12.78	13.39	8.38	ppb
Cadmium	111-1	13.42	11.83	12.46	12.57	6.37	ppb
Calcium	43-1	32227.58	28661.56	28668.20	29852.45	6.89	ppb
Calcium	44-1	30631.64	26933.03	27133.31	28232.66	7.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.90	105.78	106.17	105.95	0.19	ppb
Cobalt	59-2	36.96	36.47	37.31	36.91	1.14	ppb
Copper	63-2	1791.50	1778.89	1798.59	1789.66	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	80185.70	79731.08	80397.84	80104.87	0.43	ppb
Iron	57-2	79471.52	79771.05	80076.49	79773.02	0.38	ppb
Iron	54-2	80807.09	80163.53	80903.25	80624.62	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-11	Instrumnet Name :	P7
Client Sample ID :	MYD576	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:13:34	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	301.00	269.97	273.50	281.49	6.03	ppb
Lead	207-1	305.36	274.58	279.66	286.54	5.76	ppb
Lead	208-1	348.91	315.04	316.11	326.69	5.89	ppb
Lithium	6-1				98		%
Magnesium	24-2	15552.45	15545.32	15767.10	15621.62	0.81	ppb
Manganese	55-2	2971.60	2933.57	3003.82	2969.66	1.18	ppb
Molybdenum	94-1	13.95	12.77	13.37	13.36	4.42	ppb
Molybdenum	95-1	3.48	3.14	3.11	3.24	6.24	ppb
Molybdenum	96-1	5.18	4.51	4.72	4.80	7.11	ppb
Molybdenum	97-1	3.44	3.05	3.19	3.23	6.11	ppb
Molybdenum	98-1	3.50	3.07	3.23	3.27	6.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	80.91	80.51	81.46	80.96	0.59	ppb
Phosphorus	31-2	5172.37	5076.28	5155.58	5134.75	1.00	ppb
Potassium	39-2	12290.94	12061.50	12285.95	12212.79	1.07	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	2.12	1.73	2.65	2.17	21.23	ppb
Selenium	77-2	13.90	11.88	16.27	14.01	15.70	ppb
Selenium	78-2	1.48	4.83	3.47	3.26	51.81	ppb
Silicon	28-1	725.57	639.90	638.15	667.87	7.48	ppb
Silver	107-1	4.85	4.27	4.51	4.54	6.39	ppb
Silver	109-1	4.95	4.29	4.58	4.61	7.10	ppb
Sodium	23-2	354.30	350.13	356.59	353.68	0.93	ppb
Strontium	86-1	101.43	88.99	92.26	94.22	6.84	ppb
Strontium	88-1	101.01	89.82	94.70	95.18	5.89	ppb
Sulfur	34-1	1800.77	958.18	891.13	1216.69	41.66	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.35	0.31	0.29	0.32	9.73	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	11.28	ppb
Tin	118-1	14.83	12.97	13.32	13.71	7.19	ppb
Titanium	47-1	1000.07	883.04	892.31	925.14	7.03	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-11	Instrumnet Name :	P7
Client Sample ID :	MYD576	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:13:34	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.11	1.00	1.01	1.04	5.72	ppb
Vanadium	51-2	120.94	119.74	121.51	120.73	0.75	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	1161.41	1141.69	1160.24	1154.45	0.96	ppb
Zirconium	90-1	6.41	5.68	5.88	5.99	6.24	ppb
Zirconium	91-1	6.42	5.64	5.98	6.01	6.52	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-12	Instrumnet Name :	P7
Client Sample ID :	MYD577	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:16:45	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29642.65	29342.36	29584.07	29523.03	0.54	ppb
Antimony	121-1	5.73	5.76	5.68	5.72	0.72	ppb
Arsenic	75-2	48.98	47.32	48.46	48.25	1.76	ppb
Barium	135-1	331.45	334.07	331.23	332.25	0.48	ppb
Barium	137-1	330.55	336.05	335.96	334.19	0.94	ppb
Beryllium	9-1	1.24	1.22	1.14	1.20	4.26	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.88	5.43	6.64	5.98	10.25	ppb
Cadmium	106-1	5.75	7.55	6.53	6.61	13.64	ppb
Cadmium	111-1	5.77	6.18	6.10	6.02	3.61	ppb
Calcium	43-1	25860.07	25371.60	26243.03	25824.90	1.69	ppb
Calcium	44-1	24390.44	24268.92	24910.55	24523.30	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118.50	118.58	118.14	118.41	0.20	ppb
Cobalt	59-2	26.26	26.38	26.20	26.28	0.35	ppb
Copper	63-2	1030.40	1018.54	999.89	1016.28	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	73217.76	72982.19	72808.18	73002.71	0.28	ppb
Iron	57-2	73229.30	72416.44	72098.61	72581.45	0.80	ppb
Iron	54-2	73563.46	72886.44	72919.08	73122.99	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-12	Instrumnet Name :	P7
Client Sample ID :	MYD577	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:16:45	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	464.32	477.85	481.90	474.69	1.94	ppb
Lead	207-1	450.41	443.35	458.88	450.88	1.72	ppb
Lead	208-1	491.53	496.89	504.53	497.65	1.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	11945.53	11903.28	11637.25	11828.69	1.41	ppb
Manganese	55-2	1353.33	1359.99	1354.97	1356.10	0.26	ppb
Molybdenum	94-1	9.19	9.33	9.29	9.27	0.78	ppb
Molybdenum	95-1	3.06	3.02	3.16	3.08	2.31	ppb
Molybdenum	96-1	4.08	4.20	4.27	4.18	2.29	ppb
Molybdenum	97-1	3.07	2.96	2.96	3.00	2.18	ppb
Molybdenum	98-1	3.00	2.96	3.10	3.02	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	73.38	72.25	71.53	72.39	1.29	ppb
Phosphorus	31-2	2945.29	2983.98	2897.41	2942.22	1.47	ppb
Potassium	39-2	7879.53	7827.38	7773.00	7826.64	0.68	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.66	1.47	1.52	1.22	39.72	ppb
Selenium	77-2	11.44	12.16	11.75	11.78	3.06	ppb
Selenium	78-2	-0.24	2.59	1.09	1.15	123.26	ppb
Silicon	28-1	482.50	479.70	498.49	486.90	2.08	ppb
Silver	107-1	1.42	1.44	1.40	1.42	1.31	ppb
Silver	109-1	1.43	1.43	1.46	1.44	1.20	ppb
Sodium	23-2	329.47	327.34	329.44	328.75	0.37	ppb
Strontium	86-1	82.45	83.51	84.59	83.52	1.28	ppb
Strontium	88-1	84.57	84.71	85.43	84.90	0.54	ppb
Sulfur	34-1	-130.36	-226.35	-4.18	-120.30		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.15	0.19	0.16	0.17	12.57	ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	27.40	27.49	27.63	27.50	0.43	ppb
Titanium	47-1	828.92	820.07	842.39	830.46	1.35	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-12	Instrumnet Name :	P7
Client Sample ID :	MYD577	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:16:45	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.67	0.71	0.69	0.69	2.85	ppb
Vanadium	51-2	112.25	111.63	112.82	112.23	0.53	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	920.80	922.74	921.62	921.72	0.11	ppb
Zirconium	90-1	3.77	3.84	3.82	3.81	0.89	ppb
Zirconium	91-1	3.71	3.76	3.83	3.77	1.67	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-13	Instrumnet Name :	P7
Client Sample ID :	MYD578	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:19:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39701.00	41317.87	41789.32	40936.07	2.68	ppb
Antimony	121-1	3.87	4.18	4.01	4.02	3.82	ppb
Arsenic	75-2	68.72	69.35	71.18	69.75	1.83	ppb
Barium	135-1	456.77	474.66	472.40	467.94	2.08	ppb
Barium	137-1	460.84	467.02	466.45	464.77	0.74	ppb
Beryllium	9-1	1.70	1.65	1.56	1.64	4.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	5.53	5.95	5.71	5.73	3.71	ppb
Cadmium	106-1	5.35	7.13	4.66	5.71	22.28	ppb
Cadmium	111-1	4.71	5.10	5.13	4.98	4.69	ppb
Calcium	43-1	33924.93	34187.09	33645.11	33919.04	0.80	ppb
Calcium	44-1	32314.38	32520.30	31929.62	32254.76	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.51	72.42	72.38	71.44	2.33	ppb
Cobalt	59-2	30.77	32.21	32.33	31.77	2.74	ppb
Copper	63-2	363.90	377.87	378.59	373.45	2.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	72282.82	75498.00	75569.46	74450.09	2.52	ppb
Iron	57-2	71329.25	74783.39	75028.74	73713.80	2.81	ppb
Iron	54-2	72602.23	75563.83	75916.54	74694.20	2.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-13	Instrumnet Name :	P7
Client Sample ID :	MYD578	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:19:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	371.23	385.34	380.94	379.17	1.90	ppb
Lead	207-1	383.02	393.10	387.42	387.85	1.30	ppb
Lead	208-1	409.10	418.53	416.45	414.70	1.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	15333.81	16126.88	15927.24	15795.98	2.61	ppb
Manganese	55-2	2073.83	2172.21	2192.33	2146.12	2.95	ppb
Molybdenum	94-1	10.85	11.11	11.04	11.00	1.23	ppb
Molybdenum	95-1	2.08	2.03	2.07	2.06	1.33	ppb
Molybdenum	96-1	3.42	3.38	3.53	3.44	2.27	ppb
Molybdenum	97-1	2.03	2.11	2.16	2.10	3.17	ppb
Molybdenum	98-1	2.06	2.08	2.07	2.07	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.11	57.04	56.57	55.91	2.81	ppb
Phosphorus	31-2	5869.14	6065.08	6104.60	6012.94	2.10	ppb
Potassium	39-2	12365.34	12877.65	13036.40	12759.80	2.75	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	1.88	1.94	2.33	2.05	11.83	ppb
Selenium	77-2	17.54	13.12	15.48	15.38	14.36	ppb
Selenium	78-2	2.69	2.56	1.22	2.15	37.70	ppb
Silicon	28-1	716.59	730.32	715.03	720.65	1.17	ppb
Silver	107-1	1.98	2.17	2.13	2.09	4.87	ppb
Silver	109-1	2.04	2.01	2.15	2.07	3.43	ppb
Sodium	23-2	777.01	810.52	814.69	800.74	2.58	ppb
Strontium	86-1	115.35	113.09	114.40	114.28	0.99	ppb
Strontium	88-1	117.74	115.56	116.56	116.62	0.94	ppb
Sulfur	34-1	1205.20	1174.24	1030.84	1136.76	8.18	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.28	0.27	0.30	0.28	5.21	ppb
Thallium	205-1	-0.01	0.03	0.00	0.01	240.60	ppb
Tin	118-1	10.00	10.19	10.31	10.17	1.52	ppb
Titanium	47-1	921.21	928.51	908.88	919.54	1.08	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-13	Instrumnet Name :	P7
Client Sample ID :	MYD578	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:19:52	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.11	1.08	1.09	1.45	ppb
Vanadium	51-2	112.82	117.67	118.26	116.25	2.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	1095.30	1140.85	1142.91	1126.35	2.39	ppb
Zirconium	90-1	5.29	5.31	5.24	5.28	0.66	ppb
Zirconium	91-1	5.22	5.32	5.36	5.30	1.40	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-14	Instrumnet Name :	P7
Client Sample ID :	MYD579	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:23:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33924.88	34138.71	33816.88	33960.15	0.48	ppb
Antimony	121-1	2.39	2.35	2.38	2.37	0.85	ppb
Arsenic	75-2	61.26	61.19	60.80	61.08	0.41	ppb
Barium	135-1	431.53	437.36	443.94	437.61	1.42	ppb
Barium	137-1	434.49	439.19	445.72	439.80	1.28	ppb
Beryllium	9-1	1.37	1.35	1.33	1.35	1.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.99	3.53	3.03	3.18	9.46	ppb
Cadmium	106-1	5.38	3.95	3.64	4.32	21.45	ppb
Cadmium	111-1	3.20	2.99	3.01	3.07	3.76	ppb
Calcium	43-1	30919.24	31455.74	31357.38	31244.12	0.91	ppb
Calcium	44-1	29769.02	29727.97	29759.21	29752.07	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62.79	62.87	62.99	62.89	0.16	ppb
Cobalt	59-2	32.03	31.91	31.61	31.85	0.69	ppb
Copper	63-2	287.70	289.95	289.88	289.17	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	66616.90	66625.65	66365.15	66535.90	0.22	ppb
Iron	57-2	66153.31	66343.39	65796.34	66097.68	0.42	ppb
Iron	54-2	66747.92	66882.14	66843.85	66824.64	0.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-14	Instrumnet Name :	P7
Client Sample ID :	MYD579	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:23:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	198.64	201.77	199.17	199.86	0.84	ppb
Lead	207-1	199.20	202.77	200.46	200.81	0.90	ppb
Lead	208-1	229.18	232.41	230.30	230.63	0.71	ppb
Lithium	6-1				101		%
Magnesium	24-2	13743.38	13809.22	13757.10	13769.90	0.25	ppb
Manganese	55-2	2437.77	2435.30	2449.61	2440.89	0.31	ppb
Molybdenum	94-1	9.48	9.73	9.68	9.63	1.37	ppb
Molybdenum	95-1	1.55	1.46	1.49	1.50	3.17	ppb
Molybdenum	96-1	2.82	2.86	2.72	2.80	2.48	ppb
Molybdenum	97-1	1.42	1.50	1.44	1.46	2.83	ppb
Molybdenum	98-1	1.41	1.47	1.47	1.45	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.67	49.84	49.90	49.80	0.24	ppb
Phosphorus	31-2	3461.21	3395.92	3414.75	3423.96	0.98	ppb
Potassium	39-2	10051.08	10135.11	10138.04	10108.08	0.49	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	1.27	1.51	1.52	1.43	9.91	ppb
Selenium	77-2	17.55	10.51	14.46	14.17	24.91	ppb
Selenium	78-2	1.09	1.02	1.46	1.19	19.92	ppb
Silicon	28-1	735.86	741.76	745.03	740.88	0.63	ppb
Silver	107-1	1.47	1.48	1.48	1.48	0.35	ppb
Silver	109-1	1.44	1.51	1.56	1.50	4.09	ppb
Sodium	23-2	343.86	348.64	347.30	346.60	0.71	ppb
Strontium	86-1	90.76	91.01	89.76	90.51	0.73	ppb
Strontium	88-1	91.12	91.28	92.19	91.53	0.63	ppb
Sulfur	34-1	97.13	56.65	69.31	74.36	27.85	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.24	0.24	0.24	0.24	0.44	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	37.34	ppb
Tin	118-1	9.02	9.10	9.25	9.13	1.27	ppb
Titanium	47-1	830.33	843.30	844.40	839.34	0.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-14	Instrumnet Name :	P7
Client Sample ID :	MYD579	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:23:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.83	0.82	0.82	1.78	ppb
Vanadium	51-2	114.10	115.80	114.69	114.86	0.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	639.20	645.19	646.41	643.60	0.60	ppb
Zirconium	90-1	4.76	4.81	4.69	4.75	1.28	ppb
Zirconium	91-1	4.93	4.73	4.69	4.78	2.71	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-15	Instrumnet Name :	P7
Client Sample ID :	MYD580	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:26:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38067.96	39272.86	39151.75	38830.86	1.71	ppb
Antimony	121-1	3.11	3.09	3.18	3.13	1.54	ppb
Arsenic	75-2	80.68	81.24	82.08	81.33	0.87	ppb
Barium	135-1	468.47	472.36	474.09	471.64	0.61	ppb
Barium	137-1	475.11	480.17	481.56	478.95	0.71	ppb
Beryllium	9-1	1.66	1.69	1.62	1.66	2.24	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.41	6.87	6.21	6.50	5.22	ppb
Cadmium	106-1	6.28	7.77	6.65	6.90	11.25	ppb
Cadmium	111-1	6.65	6.55	6.68	6.63	1.01	ppb
Calcium	43-1	28126.88	28237.34	28554.93	28306.39	0.79	ppb
Calcium	44-1	26602.21	26277.02	26829.43	26569.55	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72.48	75.33	74.70	74.17	2.02	ppb
Cobalt	59-2	35.96	37.19	37.11	36.75	1.88	ppb
Copper	63-2	541.05	556.51	554.97	550.84	1.55	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				99		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	79575.75	82618.24	82511.15	81568.38	2.12	ppb
Iron	57-2	79316.38	81595.09	82293.39	81068.29	1.92	ppb
Iron	54-2	78920.40	82253.55	82683.44	81285.80	2.53	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-15	Instrumnet Name :	P7
Client Sample ID :	MYD580	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:26:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	407.61	406.23	412.07	408.64	0.75	ppb
Lead	207-1	426.41	422.07	424.31	424.26	0.51	ppb
Lead	208-1	451.11	449.92	450.94	450.65	0.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	14946.84	15433.55	15283.23	15221.21	1.64	ppb
Manganese	55-2	2352.94	2413.90	2436.61	2401.15	1.80	ppb
Molybdenum	94-1	10.43	10.58	10.44	10.48	0.79	ppb
Molybdenum	95-1	1.57	1.67	1.66	1.63	3.28	ppb
Molybdenum	96-1	3.04	3.31	3.05	3.13	4.90	ppb
Molybdenum	97-1	1.59	1.62	1.61	1.61	1.06	ppb
Molybdenum	98-1	1.58	1.63	1.62	1.61	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.15	62.41	61.29	60.95	2.72	ppb
Phosphorus	31-2	3970.33	4183.72	4216.24	4123.43	3.24	ppb
Potassium	39-2	11040.03	11345.64	11477.03	11287.57	1.99	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	2.22	1.94	2.72	2.29	17.30	ppb
Selenium	77-2	14.84	18.86	13.71	15.80	17.13	ppb
Selenium	78-2	4.01	3.91	2.59	3.50	22.61	ppb
Silicon	28-1	799.16	804.31	807.14	803.54	0.50	ppb
Silver	107-1	2.14	2.14	2.26	2.18	3.14	ppb
Silver	109-1	2.20	2.25	2.26	2.24	1.37	ppb
Sodium	23-2	277.49	290.97	285.00	284.49	2.37	ppb
Strontium	86-1	97.99	98.18	98.92	98.36	0.50	ppb
Strontium	88-1	99.22	99.20	99.18	99.20	0.02	ppb
Sulfur	34-1	300.17	225.57	255.68	260.47	14.41	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.33	0.28	0.29	0.30	7.90	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	13.53	ppb
Tin	118-1	12.46	12.63	12.56	12.55	0.66	ppb
Titanium	47-1	843.43	850.37	853.46	849.09	0.61	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-15	Instrumnet Name :	P7
Client Sample ID :	MYD580	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:26:13	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	0.99	1.01	1.00	0.89	ppb
Vanadium	51-2	122.71	127.03	126.68	125.48	1.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1068.87	1110.54	1098.26	1092.56	1.96	ppb
Zirconium	90-1	4.94	5.09	4.95	4.99	1.74	ppb
Zirconium	91-1	5.06	5.07	5.25	5.13	2.09	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-16	Instrumnet Name :	P7
Client Sample ID :	MYD582	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:29:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39891.07	60025.07	45413.14	48443.10	21.48	ppb
Antimony	121-1	2.20	2.26	2.19	2.22	1.79	ppb
Arsenic	75-2	67.33	99.94	73.36	80.21	21.63	ppb
Barium	135-1	369.01	372.58	373.73	371.78	0.66	ppb
Barium	137-1	371.76	374.17	375.12	373.68	0.46	ppb
Beryllium	9-1	1.45	1.53	1.51	1.50	2.87	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.08	3.72	3.96	3.59	12.61	ppb
Cadmium	106-1	4.15	3.78	4.63	4.19	10.12	ppb
Cadmium	111-1	2.95	2.84	3.10	2.96	4.34	ppb
Calcium	43-1	21046.87	21150.37	21336.08	21177.77	0.69	ppb
Calcium	44-1	19925.03	20188.63	20213.34	20109.00	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	69.49	105.55	79.46	84.83	21.95	ppb
Cobalt	59-2	33.96	51.28	38.27	41.17	21.89	ppb
Copper	63-2	413.86	613.16	469.72	498.91	20.61	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				83		%
Indium	115-1				93		%
Indium	115-2				77		%
Iron	56-2	75287.58	111155.88	85013.11	90485.52	20.50	ppb
Iron	57-2	74262.69	109193.77	84146.54	89201.00	20.19	ppb
Iron	54-2	75163.93	111442.99	85190.61	90599.18	20.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-16	Instrumnet Name :	P7
Client Sample ID :	MYD582	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:29:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.37	108.75	109.75	109.29	0.46	ppb
Lead	207-1	108.88	108.64	110.53	109.35	0.94	ppb
Lead	208-1	117.37	116.25	117.55	117.06	0.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	16115.52	24269.49	18577.91	19654.31	21.28	ppb
Manganese	55-2	2097.48	3104.79	2374.36	2525.54	20.61	ppb
Molybdenum	94-1	11.58	11.71	11.81	11.70	0.98	ppb
Molybdenum	95-1	1.63	1.55	1.61	1.60	2.71	ppb
Molybdenum	96-1	3.28	3.11	3.17	3.18	2.79	ppb
Molybdenum	97-1	1.58	1.62	1.61	1.61	1.25	ppb
Molybdenum	98-1	1.57	1.58	1.59	1.58	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.02	83.15	62.19	66.78	21.88	ppb
Phosphorus	31-2	2568.64	3866.42	2899.54	3111.53	21.67	ppb
Potassium	39-2	12867.68	19122.07	14508.34	15499.36	20.92	ppb
Rhodium	103-1				89		%
Rhodium	103-2				75		%
Scandium	45-1				94		%
Scandium	45-2				79		%
Selenium	82-1	1.30	1.89	1.45	1.55	19.79	ppb
Selenium	77-2	12.64	19.93	17.15	16.57	22.21	ppb
Selenium	78-2	1.97	5.38	1.18	2.84	78.48	ppb
Silicon	28-1	525.62	529.29	535.08	529.99	0.90	ppb
Silver	107-1	1.10	1.09	1.07	1.09	1.16	ppb
Silver	109-1	1.10	1.11	1.02	1.07	4.26	ppb
Sodium	23-2	350.93	539.36	409.94	433.41	22.24	ppb
Strontium	86-1	77.64	77.10	77.81	77.51	0.48	ppb
Strontium	88-1	78.07	79.66	79.49	79.07	1.10	ppb
Sulfur	34-1	-351.61	-367.36	-364.52	-361.16		ppb
Terbium	159-1				97		%
Terbium	159-2				81		%
Thallium	203-1	0.35	0.33	0.33	0.34	3.27	ppb
Thallium	205-1	0.15	0.15	0.15	0.15	0.93	ppb
Tin	118-1	6.71	6.70	6.65	6.69	0.48	ppb
Titanium	47-1	1067.29	1082.43	1085.05	1078.26	0.89	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-16	Instrumnet Name :	P7
Client Sample ID :	MYD582	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:29:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.81	0.79	0.80	1.65	ppb
Vanadium	51-2	123.56	183.69	138.72	148.66	21.03	ppb
Yttrium	89-1				99		%
Yttrium	89-2				83		%
Zinc	66-2	388.06	578.54	444.48	470.36	20.80	ppb
Zirconium	90-1	5.95	5.92	5.94	5.94	0.21	ppb
Zirconium	91-1	5.97	6.04	5.85	5.96	1.66	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-17	Instrumnet Name :	P7
Client Sample ID :	MYD583	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:32:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27065.77	29449.09	27391.55	27968.81	4.62	ppb
Antimony	121-1	1.59	1.68	1.68	1.65	3.21	ppb
Arsenic	75-2	47.53	49.00	46.84	47.79	2.31	ppb
Barium	135-1	278.03	277.29	280.68	278.67	0.64	ppb
Barium	137-1	277.37	279.44	281.91	279.58	0.81	ppb
Beryllium	9-1	1.09	1.01	1.05	1.05	3.46	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.11	2.24	2.49	2.28	8.48	ppb
Cadmium	106-1	3.06	2.88	2.76	2.90	5.13	ppb
Cadmium	111-1	2.33	2.25	2.25	2.28	1.99	ppb
Calcium	43-1	13362.38	13482.87	13395.45	13413.57	0.46	ppb
Calcium	44-1	12571.59	12626.79	12672.03	12623.47	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.51	50.10	45.90	47.51	4.77	ppb
Cobalt	59-2	23.53	25.44	23.44	24.14	4.67	ppb
Copper	63-2	272.20	294.65	270.52	279.12	4.83	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				98		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	52477.57	57195.26	52459.88	54044.23	5.05	ppb
Iron	57-2	52419.26	58543.41	52503.37	54488.68	6.44	ppb
Iron	54-2	53286.01	57436.63	52515.85	54412.83	4.86	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-17	Instrumnet Name :	P7
Client Sample ID :	MYD583	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:32:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.62	92.92	93.25	92.93	0.34	ppb
Lead	207-1	91.37	91.73	92.01	91.71	0.35	ppb
Lead	208-1	98.18	99.00	99.27	98.82	0.57	ppb
Lithium	6-1				98		%
Magnesium	24-2	10566.83	11449.88	10373.58	10796.76	5.31	ppb
Manganese	55-2	1772.40	1890.23	1730.74	1797.79	4.60	ppb
Molybdenum	94-1	9.37	9.26	9.47	9.37	1.11	ppb
Molybdenum	95-1	0.97	1.04	0.97	1.00	4.25	ppb
Molybdenum	96-1	2.20	2.20	2.15	2.18	1.33	ppb
Molybdenum	97-1	1.00	0.97	0.94	0.97	3.11	ppb
Molybdenum	98-1	0.95	0.98	0.97	0.97	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.46	41.20	36.79	38.49	6.18	ppb
Phosphorus	31-2	1732.21	1884.06	1704.99	1773.75	5.44	ppb
Potassium	39-2	8368.26	9190.37	8417.32	8658.65	5.33	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	1.21	0.94	1.23	1.12	14.52	ppb
Selenium	77-2	12.67	10.01	11.74	11.48	11.75	ppb
Selenium	78-2	1.78	0.85	0.99	1.21	41.90	ppb
Silicon	28-1	498.95	501.73	502.27	500.98	0.36	ppb
Silver	107-1	0.74	0.72	0.72	0.72	1.71	ppb
Silver	109-1	0.69	0.73	0.75	0.72	4.09	ppb
Sodium	23-2	242.60	267.51	241.17	250.43	5.91	ppb
Strontium	86-1	53.06	54.00	53.96	53.67	0.99	ppb
Strontium	88-1	52.85	54.39	53.93	53.72	1.48	ppb
Sulfur	34-1	-786.97	-702.70	-823.00	-770.89		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.21	0.21	0.20	0.21	2.46	ppb
Thallium	205-1	0.07	0.08	0.06	0.07	8.75	ppb
Tin	118-1	15.32	15.35	15.41	15.36	0.30	ppb
Titanium	47-1	777.74	783.74	787.72	783.07	0.64	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-17	Instrumnet Name :	P7
Client Sample ID :	MYD583	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:32:34	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.52	0.54	0.53	2.33	ppb
Vanadium	51-2	83.76	92.08	83.65	86.49	5.59	ppb
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	272.54	292.80	271.28	278.87	4.33	ppb
Zirconium	90-1	4.77	4.93	4.94	4.88	1.94	ppb
Zirconium	91-1	4.78	4.94	5.03	4.91	2.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:35:48	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	124.52	124.92	139.40	129.61	6.54	ppb
Antimony	121-1	0.19	0.18	0.18	0.18	1.92	ppb
Arsenic	75-2	0.25	0.18	0.20	0.21	15.92	ppb
Barium	135-1	5.82	5.62	5.89	5.78	2.44	ppb
Barium	137-1	5.79	5.67	5.83	5.76	1.49	ppb
Beryllium	9-1	-0.02	-0.02	0.00	-0.01		ppb
Bismuth	209-1				85		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.12	0.09	0.13	34.20	ppb
Cadmium	106-1	0.24	-0.92	-1.22	-0.63		ppb
Cadmium	111-1	0.03	-0.06	-0.08	-0.04		ppb
Calcium	43-1	1146.64	1178.57	1126.56	1150.59	2.28	ppb
Calcium	44-1	1198.67	1206.77	1200.55	1202.00	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.89	2.22	2.04	8.43	ppb
Cobalt	59-2	0.07	0.11	0.13	0.11	27.56	ppb
Copper	63-2	3.25	3.10	3.33	3.23	3.59	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				84		%
Holmium	165-2				86		%
Indium	115-1				81		%
Indium	115-2				80		%
Iron	56-2	267.08	270.52	300.67	279.42	6.61	ppb
Iron	57-2	272.14	281.63	301.77	285.18	5.31	ppb
Iron	54-2	281.50	280.74	311.87	291.37	6.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:35:48	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.50	0.51	0.45	0.49	6.74	ppb
Lead	207-1	0.46	0.47	0.45	0.46	2.10	ppb
Lead	208-1	0.44	0.45	0.42	0.43	3.55	ppb
Lithium	6-1				89		%
Magnesium	24-2	153.59	159.35	174.70	162.55	6.72	ppb
Manganese	55-2	5.89	5.82	6.27	5.99	4.03	ppb
Molybdenum	94-1	8.30	5.48	4.86	6.21	29.49	ppb
Molybdenum	95-1	0.29	0.29	0.31	0.30	4.37	ppb
Molybdenum	96-1	1.20	0.87	0.77	0.95	24.00	ppb
Molybdenum	97-1	0.35	0.31	0.28	0.31	10.47	ppb
Molybdenum	98-1	0.32	0.30	0.28	0.30	6.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.50	0.55	0.61	0.55	9.70	ppb
Phosphorus	31-2	-4.66	-1.56	2.07	-1.38		ppb
Potassium	39-2	68.74	69.92	88.14	75.60	14.39	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				76		%
Scandium	45-2				76		%
Selenium	82-1	-0.18	0.33	0.64	0.26	158.57	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-3.01	-0.82	-0.79	-1.54		ppb
Silicon	28-1	749.05	747.28	736.18	744.17	0.94	ppb
Silver	107-1	0.08	0.06	0.04	0.06	32.77	ppb
Silver	109-1	0.09	0.04	0.04	0.06	50.72	ppb
Sodium	23-2	1955.52	1972.50	2192.61	2040.21	6.48	ppb
Strontium	86-1	4.37	4.18	4.26	4.27	2.28	ppb
Strontium	88-1	4.40	4.37	4.36	4.37	0.43	ppb
Sulfur	34-1	-1012.39	-1497.94	-1768.92	-1426.42		ppb
Terbium	159-1				83		%
Terbium	159-2				85		%
Thallium	203-1	0.02	0.01	0.00	0.01	129.29	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	468.40	ppb
Tin	118-1	1.26	1.19	1.22	1.22	2.66	ppb
Titanium	47-1	6.81	6.92	7.61	7.11	6.12	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:35:48	DataFile Name :	042SMPL.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	0.18	0.22	0.20	0.20	8.41	ppb
Yttrium	89-1				80		%
Yttrium	89-2				79		%
Zinc	66-2	13.15	13.19	14.61	13.65	6.12	ppb
Zirconium	90-1	4.68	2.89	2.62	3.40	32.88	ppb
Zirconium	91-1	4.58	2.94	2.62	3.38	31.18	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-18	Instrumnet Name :	P7
Client Sample ID :	MYD584	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:39:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38582.82	37977.50	38545.63	38368.65	0.88	ppb
Antimony	121-1	2.29	2.31	2.35	2.32	1.41	ppb
Arsenic	75-2	73.34	73.64	73.98	73.65	0.43	ppb
Barium	135-1	430.67	431.59	434.23	432.16	0.43	ppb
Barium	137-1	432.20	435.30	436.19	434.56	0.48	ppb
Beryllium	9-1	1.65	1.53	1.51	1.56	4.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.11	3.10	2.96	2.73	19.59	ppb
Cadmium	106-1	3.86	3.84	3.36	3.69	7.72	ppb
Cadmium	111-1	2.46	2.50	2.52	2.49	1.36	ppb
Calcium	43-1	24430.44	24654.01	25106.69	24730.38	1.39	ppb
Calcium	44-1	23116.52	23607.88	23681.98	23468.79	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	65.90	65.30	65.68	65.63	0.47	ppb
Cobalt	59-2	35.35	34.91	35.40	35.22	0.77	ppb
Copper	63-2	337.03	339.53	340.52	339.02	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				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	104610.09	105483.02	105923.40	105338.84	0.63	ppb
Iron	57-2	104401.09	105341.58	103677.49	104473.39	0.80	ppb
Iron	54-2	105651.55	106079.33	106355.85	106028.91	0.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-18	Instrumnet Name :	P7
Client Sample ID :	MYD584	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:39:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.90	110.28	112.50	111.23	1.03	ppb
Lead	207-1	112.46	112.74	113.30	112.83	0.38	ppb
Lead	208-1	119.59	119.31	120.96	119.95	0.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	15687.95	15539.02	15580.41	15602.46	0.49	ppb
Manganese	55-2	2661.27	2658.62	2673.09	2664.33	0.29	ppb
Molybdenum	94-1	12.51	12.37	12.66	12.52	1.17	ppb
Molybdenum	95-1	1.85	1.88	1.82	1.85	1.74	ppb
Molybdenum	96-1	3.58	3.66	3.61	3.62	1.13	ppb
Molybdenum	97-1	1.73	1.80	1.88	1.80	4.31	ppb
Molybdenum	98-1	1.82	1.80	1.84	1.82	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.93	60.28	60.02	59.75	1.20	ppb
Phosphorus	31-2	2958.25	2961.61	2975.36	2965.07	0.31	ppb
Potassium	39-2	10811.63	10871.42	10869.53	10850.86	0.31	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	1.37	1.75	0.79	1.30	37.21	ppb
Selenium	77-2	12.78	15.84	16.34	14.99	12.86	ppb
Selenium	78-2	2.46	2.65	3.61	2.91	21.24	ppb
Silicon	28-1	352.13	352.09	359.46	354.56	1.20	ppb
Silver	107-1	0.86	0.86	0.84	0.85	1.14	ppb
Silver	109-1	0.83	0.87	0.85	0.85	2.48	ppb
Sodium	23-2	283.92	288.03	294.01	288.66	1.76	ppb
Strontium	86-1	88.72	88.13	89.33	88.72	0.68	ppb
Strontium	88-1	89.16	87.86	91.17	89.40	1.87	ppb
Sulfur	34-1	-966.95	-779.57	-580.20	-775.58		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.28	0.31	0.28	0.29	5.79	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	3.78	ppb
Tin	118-1	8.57	8.82	8.75	8.71	1.49	ppb
Titanium	47-1	847.65	858.01	870.99	858.88	1.36	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-18	Instrumnet Name :	P7
Client Sample ID :	MYD584	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:39:06	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.88	0.89	0.87	2.59	ppb
Vanadium	51-2	124.88	125.43	126.47	125.59	0.64	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	406.10	406.94	406.51	406.52	0.10	ppb
Zirconium	90-1	6.29	6.14	6.47	6.30	2.65	ppb
Zirconium	91-1	6.42	6.15	6.45	6.34	2.57	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P7
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:42:19	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48869.43	48333.59	48098.82	48433.95	0.82	ppb
Antimony	121-1	481.89	483.18	489.83	484.97	0.88	ppb
Arsenic	75-2	487.92	478.46	487.02	484.47	1.08	ppb
Barium	135-1	2446.94	2472.08	2463.84	2460.95	0.52	ppb
Barium	137-1	2479.11	2432.71	2455.83	2455.88	0.94	ppb
Beryllium	9-1	522.27	516.25	524.08	520.86	0.79	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	483.45	474.04	481.81	479.77	1.05	ppb
Cadmium	106-1	478.44	479.36	476.70	478.17	0.28	ppb
Cadmium	111-1	473.14	470.66	471.74	471.85	0.26	ppb
Calcium	43-1	248531.96	255764.07	256060.18	253452.07	1.68	ppb
Calcium	44-1	246613.46	254742.93	254579.39	251978.59	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.17	494.21	492.49	495.29	0.70	ppb
Cobalt	59-2	496.07	481.81	482.48	486.79	1.65	ppb
Copper	63-2	4768.31	4759.61	4710.17	4746.03	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				94		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				81		%
Iron	56-2	129095.75	127207.79	127172.86	127825.47	0.86	ppb
Iron	57-2	129184.74	126905.54	126080.96	127390.41	1.26	ppb
Iron	54-2	128775.09	126783.25	127496.20	127684.85	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P7
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:42:19	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2488.99	2491.27	2551.29	2510.52	1.41	ppb
Lead	207-1	2470.77	2480.30	2524.01	2491.69	1.14	ppb
Lead	208-1	2474.95	2494.44	2547.07	2505.49	1.49	ppb
Lithium	6-1				93		%
Magnesium	24-2	230293.37	230291.83	228413.45	229666.22	0.47	ppb
Manganese	55-2	4921.26	4963.83	4866.94	4917.34	0.99	ppb
Molybdenum	94-1	4901.98	4920.95	5031.63	4951.52	1.41	ppb
Molybdenum	95-1	4928.59	4964.60	5016.04	4969.74	0.88	ppb
Molybdenum	96-1	4929.33	4908.88	5010.06	4949.42	1.08	ppb
Molybdenum	97-1	4932.97	4870.85	5046.08	4949.96	1.79	ppb
Molybdenum	98-1	4964.82	4880.31	5030.40	4958.51	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.33	478.25	476.12	478.90	0.66	ppb
Phosphorus	31-2	9882.47	10070.68	9689.15	9880.77	1.93	ppb
Potassium	39-2	123601.14	122943.57	122377.48	122974.06	0.50	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	82-1	467.28	465.07	476.67	469.67	1.31	ppb
Selenium	77-2	482.21	469.56	484.77	478.85	1.70	ppb
Selenium	78-2	485.45	477.65	476.40	479.83	1.02	ppb
Silicon	28-1	457.23	470.24	467.08	464.85	1.46	ppb
Silver	107-1	469.72	477.33	473.69	473.58	0.80	ppb
Silver	109-1	473.75	469.90	476.97	473.54	0.75	ppb
Sodium	23-2	247273.18	246923.49	244997.10	246397.92	0.50	ppb
Strontium	86-1	12134.21	12081.09	12422.56	12212.62	1.50	ppb
Strontium	88-1	12081.92	12048.39	12479.61	12203.31	1.97	ppb
Sulfur	34-1	9771.38	9869.56	9738.99	9793.31	0.69	ppb
Terbium	159-1				93		%
Terbium	159-2				90		%
Thallium	203-1	506.44	507.71	509.34	507.83	0.29	ppb
Thallium	205-1	500.35	506.51	508.26	505.04	0.82	ppb
Tin	118-1	486.63	483.22	498.50	489.45	1.64	ppb
Titanium	47-1	4868.91	4989.74	4997.45	4952.03	1.46	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P7
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:42:19	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	508.90	512.58	523.04	514.84	1.42	ppb
Vanadium	51-2	502.26	502.33	498.18	500.92	0.47	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%
Zinc	66-2	4763.45	4766.14	4688.48	4739.36	0.93	ppb
Zirconium	90-1	490.21	499.21	499.54	496.32	1.07	ppb
Zirconium	91-1	489.00	487.74	503.26	493.33	1.75	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P7
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:45:08	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.54	1.56	1.14	1.41	16.79	ppb
Antimony	121-1	0.45	0.42	0.49	0.45	7.47	ppb
Arsenic	75-2	0.05	0.06	0.02	0.04	45.49	ppb
Barium	135-1	0.09	0.06	0.03	0.06	47.27	ppb
Barium	137-1	0.09	0.07	0.03	0.06	47.53	ppb
Beryllium	9-1	0.11	0.08	0.07	0.09	24.32	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.01	-0.08	-0.04		ppb
Cadmium	106-1	-0.29	0.11	0.33	0.05	672.72	ppb
Cadmium	111-1	0.03	0.04	0.04	0.04	17.67	ppb
Calcium	43-1	12.59	12.49	7.81	10.96	24.91	ppb
Calcium	44-1	13.77	10.96	7.28	10.67	30.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.04	0.02	58.11	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.19	0.19	0.20	0.20	0.81	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				94		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	5.31	5.02	5.20	5.18	2.88	ppb
Iron	57-2	3.04	2.37	0.66	2.03	60.57	ppb
Iron	54-2	5.02	5.43	3.81	4.76	17.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P7
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:45:08	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.17	0.12	0.17	30.91	ppb
Lead	207-1	0.21	0.14	0.11	0.15	34.50	ppb
Lead	208-1	0.23	0.17	0.12	0.17	34.21	ppb
Lithium	6-1				95		%
Magnesium	24-2	5.19	5.05	5.94	5.39	8.84	ppb
Manganese	55-2	0.18	0.12	0.18	0.16	21.37	ppb
Molybdenum	94-1	0.60	0.47	0.36	0.48	24.80	ppb
Molybdenum	95-1	0.40	0.31	0.28	0.33	18.78	ppb
Molybdenum	96-1	0.43	0.37	0.28	0.36	20.68	ppb
Molybdenum	97-1	0.41	0.37	0.23	0.34	28.11	ppb
Molybdenum	98-1	0.43	0.34	0.27	0.35	23.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-17.73	-19.45	-19.53	-18.90		ppb
Potassium	39-2	9.65	8.92	8.19	8.92	8.17	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				84		%
Scandium	45-2				83		%
Selenium	82-1	-0.51	-0.14	-0.08	-0.24		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.23	-3.20	-2.44	-2.29		ppb
Silicon	28-1	0.09	-0.24	-0.24	-0.13		ppb
Silver	107-1	0.07	0.06	0.04	0.06	26.31	ppb
Silver	109-1	0.08	0.06	0.05	0.06	27.51	ppb
Sodium	23-2	30.96	30.43	28.57	29.99	4.19	ppb
Strontium	86-1	0.67	0.42	0.28	0.46	43.12	ppb
Strontium	88-1	0.62	0.46	0.29	0.46	36.38	ppb
Sulfur	34-1	-182.65	-209.72	-253.62	-215.33		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.04	0.03	0.02	0.03	27.89	ppb
Thallium	205-1	0.05	0.02	0.02	0.03	61.91	ppb
Tin	118-1	0.09	0.09	0.11	0.10	13.30	ppb
Titanium	47-1	0.37	0.34	0.30	0.33	10.72	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P7
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:45:08	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	279.09	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	47.71	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	0.25	0.24	0.20	0.23	11.70	ppb
Zirconium	90-1	0.11	0.08	0.06	0.08	28.09	ppb
Zirconium	91-1	0.10	0.09	0.07	0.09	19.02	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-19	Instrumnet Name :	P7
Client Sample ID :	MYD585	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:48:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42654.66	41850.80	42612.94	42372.80	1.07	ppb
Antimony	121-1	2.26	2.34	2.44	2.35	3.96	ppb
Arsenic	75-2	95.25	94.92	96.49	95.55	0.86	ppb
Barium	135-1	457.43	461.34	479.44	466.07	2.52	ppb
Barium	137-1	458.95	466.70	479.39	468.34	2.20	ppb
Beryllium	9-1	1.63	1.63	1.64	1.64	0.35	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.34	3.47	2.53	3.11	16.29	ppb
Cadmium	106-1	4.69	5.08	4.76	4.84	4.27	ppb
Cadmium	111-1	3.12	3.20	3.29	3.20	2.63	ppb
Calcium	43-1	47247.77	47071.76	47378.14	47232.56	0.33	ppb
Calcium	44-1	44583.14	45037.42	45004.29	44874.95	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78.79	79.12	79.93	79.28	0.74	ppb
Cobalt	59-2	52.98	52.66	53.28	52.97	0.59	ppb
Copper	63-2	339.67	338.31	342.70	340.23	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				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	90370.33	90953.92	90953.30	90759.18	0.37	ppb
Iron	57-2	90203.88	89719.14	90374.96	90099.33	0.38	ppb
Iron	54-2	91589.55	91175.88	92353.13	91706.19	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-19	Instrumnet Name :	P7
Client Sample ID :	MYD585	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:48:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.53	91.02	92.52	91.36	1.13	ppb
Lead	207-1	88.66	90.21	92.32	90.40	2.03	ppb
Lead	208-1	94.61	95.67	97.06	95.78	1.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	19438.94	19246.96	19244.82	19310.24	0.58	ppb
Manganese	55-2	3376.57	3384.46	3427.68	3396.24	0.81	ppb
Molybdenum	94-1	7.91	8.14	8.23	8.09	2.08	ppb
Molybdenum	95-1	2.66	2.59	2.64	2.63	1.37	ppb
Molybdenum	96-1	3.67	3.77	3.73	3.72	1.36	ppb
Molybdenum	97-1	2.54	2.68	2.75	2.66	4.13	ppb
Molybdenum	98-1	2.46	2.57	2.59	2.54	2.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.16	66.13	66.01	66.10	0.12	ppb
Phosphorus	31-2	4064.31	4125.86	4090.37	4093.51	0.75	ppb
Potassium	39-2	16458.22	16501.40	16522.50	16494.04	0.20	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	2.00	1.98	2.30	2.10	8.53	ppb
Selenium	77-2	15.34	17.76	16.19	16.43	7.47	ppb
Selenium	78-2	2.47	2.14	2.64	2.42	10.62	ppb
Silicon	28-1	394.89	394.40	397.95	395.74	0.49	ppb
Silver	107-1	0.95	0.92	0.96	0.94	2.49	ppb
Silver	109-1	0.96	0.96	1.00	0.97	2.23	ppb
Sodium	23-2	596.96	590.65	600.25	595.95	0.82	ppb
Strontium	86-1	128.67	132.66	131.80	131.04	1.60	ppb
Strontium	88-1	133.08	136.70	135.41	135.06	1.36	ppb
Sulfur	34-1	578.93	521.20	634.37	578.17	9.79	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.41	0.41	0.43	0.42	2.01	ppb
Thallium	205-1	0.06	0.09	0.09	0.08	20.78	ppb
Tin	118-1	3.44	3.62	3.63	3.56	3.05	ppb
Titanium	47-1	910.43	913.15	915.79	913.13	0.29	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-19	Instrumnet Name :	P7
Client Sample ID :	MYD585	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:48:29	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.05	1.05	1.05	1.24	ppb
Vanadium	51-2	154.05	152.55	154.92	153.84	0.78	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	376.64	374.98	375.79	375.80	0.22	ppb
Zirconium	90-1	3.34	3.49	3.44	3.42	2.32	ppb
Zirconium	91-1	3.47	3.39	3.54	3.47	2.20	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-20	Instrumnet Name :	P7
Client Sample ID :	MYD586	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:51:40	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47704.48	47866.50	47822.66	47797.88	0.18	ppb
Antimony	121-1	2.43	2.45	2.47	2.45	0.82	ppb
Arsenic	75-2	84.31	84.24	83.54	84.03	0.51	ppb
Barium	135-1	470.07	462.02	466.85	466.31	0.87	ppb
Barium	137-1	464.94	465.23	471.62	467.27	0.81	ppb
Beryllium	9-1	1.94	2.11	1.95	2.00	4.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.31	3.08	3.32	3.24	4.12	ppb
Cadmium	106-1	5.67	4.50	5.15	5.11	11.48	ppb
Cadmium	111-1	2.83	2.82	2.84	2.83	0.29	ppb
Calcium	43-1	24643.41	24401.89	24695.99	24580.43	0.64	ppb
Calcium	44-1	23297.40	23229.17	23451.98	23326.18	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80.04	80.92	80.83	80.60	0.61	ppb
Cobalt	59-2	40.55	40.35	40.90	40.60	0.69	ppb
Copper	63-2	337.66	339.30	340.06	339.01	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				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	89033.50	89996.95	89617.01	89549.15	0.54	ppb
Iron	57-2	88055.80	89385.82	88535.42	88659.02	0.76	ppb
Iron	54-2	89942.99	89541.45	89984.98	89823.14	0.27	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-20	Instrumnet Name :	P7
Client Sample ID :	MYD586	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:51:40	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	119.49	120.35	121.01	120.29	0.64	ppb
Lead	207-1	121.74	121.41	121.35	121.50	0.17	ppb
Lead	208-1	128.46	129.18	128.91	128.85	0.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	18595.30	18642.29	18641.87	18626.49	0.15	ppb
Manganese	55-2	2812.77	2785.51	2795.31	2797.86	0.49	ppb
Molybdenum	94-1	16.21	15.81	15.94	15.98	1.26	ppb
Molybdenum	95-1	1.75	1.82	1.75	1.78	2.10	ppb
Molybdenum	96-1	3.76	3.77	3.91	3.81	2.19	ppb
Molybdenum	97-1	1.73	1.73	1.77	1.74	1.26	ppb
Molybdenum	98-1	1.69	1.70	1.68	1.69	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.47	66.27	66.77	66.51	0.38	ppb
Phosphorus	31-2	2993.27	3033.32	2995.60	3007.40	0.75	ppb
Potassium	39-2	13885.51	14041.95	14085.24	14004.23	0.75	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	2.02	1.56	2.03	1.87	14.28	ppb
Selenium	77-2	18.28	15.03	15.50	16.27	10.78	ppb
Selenium	78-2	1.22	3.25	3.95	2.81	50.49	ppb
Silicon	28-1	470.03	466.60	469.51	468.72	0.39	ppb
Silver	107-1	1.01	1.03	1.05	1.03	2.02	ppb
Silver	109-1	0.99	1.04	1.05	1.03	3.14	ppb
Sodium	23-2	397.80	397.78	403.37	399.65	0.81	ppb
Strontium	86-1	100.38	100.45	100.07	100.30	0.20	ppb
Strontium	88-1	102.53	101.54	104.29	102.79	1.35	ppb
Sulfur	34-1	50.97	-145.80	-217.09	-103.97		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.38	0.35	0.36	0.36	4.95	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	5.35	ppb
Tin	118-1	18.61	18.32	18.93	18.62	1.62	ppb
Titanium	47-1	1042.57	1042.94	1052.83	1046.11	0.56	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-20	Instrumnet Name :	P7
Client Sample ID :	MYD586	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:51:40	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.03	1.00	1.02	1.39	ppb
Vanadium	51-2	146.94	147.14	148.48	147.52	0.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	442.61	448.18	446.60	445.80	0.64	ppb
Zirconium	90-1	8.28	8.34	8.33	8.32	0.35	ppb
Zirconium	91-1	8.44	8.17	8.19	8.27	1.83	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-21	Instrumnet Name :	P7
Client Sample ID :	MYD587	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:54:54	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46714.52	46562.20	46534.14	46603.62	0.21	ppb
Antimony	121-1	2.27	2.37	2.31	2.31	2.22	ppb
Arsenic	75-2	71.17	71.16	71.62	71.32	0.37	ppb
Barium	135-1	443.55	447.59	442.53	444.56	0.60	ppb
Barium	137-1	446.57	448.22	446.15	446.98	0.25	ppb
Beryllium	9-1	1.83	1.86	1.82	1.84	1.03	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.96	3.18	3.60	3.25	9.95	ppb
Cadmium	106-1	5.26	3.93	4.01	4.40	16.94	ppb
Cadmium	111-1	2.84	2.64	2.68	2.72	3.94	ppb
Calcium	43-1	23333.05	23845.22	24111.83	23763.37	1.67	ppb
Calcium	44-1	22259.73	22735.94	22671.00	22555.56	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79.95	79.10	79.70	79.58	0.55	ppb
Cobalt	59-2	40.04	39.47	39.67	39.73	0.72	ppb
Copper	63-2	331.86	329.06	326.78	329.23	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				100		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	87296.54	85673.65	85321.98	86097.39	1.22	ppb
Iron	57-2	86178.36	85693.80	85128.72	85666.96	0.61	ppb
Iron	54-2	86953.73	85973.99	85685.62	86204.45	0.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-21	Instrumnet Name :	P7
Client Sample ID :	MYD587	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:54:54	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.92	113.51	114.41	112.94	1.60	ppb
Lead	207-1	113.66	114.37	115.33	114.45	0.73	ppb
Lead	208-1	119.48	121.70	122.29	121.16	1.23	ppb
Lithium	6-1				102		%
Magnesium	24-2	18501.71	18375.95	18404.15	18427.27	0.36	ppb
Manganese	55-2	2621.16	2580.49	2580.23	2593.96	0.91	ppb
Molybdenum	94-1	12.68	12.84	13.07	12.86	1.52	ppb
Molybdenum	95-1	1.59	1.56	1.54	1.56	1.46	ppb
Molybdenum	96-1	3.27	3.25	3.39	3.30	2.27	ppb
Molybdenum	97-1	1.59	1.55	1.60	1.58	1.83	ppb
Molybdenum	98-1	1.57	1.51	1.60	1.56	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	64.82	63.57	64.38	64.26	0.98	ppb
Phosphorus	31-2	2937.83	2911.09	2919.61	2922.84	0.47	ppb
Potassium	39-2	13949.84	13799.73	13603.40	13784.32	1.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	2.11	1.91	1.24	1.75	26.21	ppb
Selenium	77-2	11.01	14.56	17.03	14.20	21.33	ppb
Selenium	78-2	2.17	2.43	2.48	2.36	6.87	ppb
Silicon	28-1	531.66	547.85	547.27	542.26	1.69	ppb
Silver	107-1	1.05	0.99	1.02	1.02	2.94	ppb
Silver	109-1	0.94	1.00	1.02	0.99	4.03	ppb
Sodium	23-2	388.98	387.85	390.73	389.19	0.37	ppb
Strontium	86-1	92.73	93.94	94.47	93.71	0.95	ppb
Strontium	88-1	94.04	94.27	95.13	94.48	0.61	ppb
Sulfur	34-1	-94.24	-57.30	-71.34	-74.29		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.33	0.34	0.34	0.34	1.32	ppb
Thallium	205-1	0.11	0.11	0.11	0.11	1.53	ppb
Tin	118-1	5.26	5.35	5.31	5.31	0.84	ppb
Titanium	47-1	1049.75	1070.37	1075.99	1065.37	1.30	ppb

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-21	Instrumnet Name :	P7
Client Sample ID :	MYD587	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:54:54	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.96	0.94	0.94	2.14	ppb
Vanadium	51-2	145.04	143.93	143.24	144.07	0.63	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	424.94	419.48	422.07	422.16	0.65	ppb
Zirconium	90-1	6.45	6.47	6.62	6.51	1.38	ppb
Zirconium	91-1	6.54	6.56	6.63	6.57	0.70	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-22	Instrumnet Name :	P7
Client Sample ID :	MYD588	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:58:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34554.19	34989.89	37020.53	35521.54	3.71	ppb
Antimony	121-1	0.90	0.90	0.94	0.91	2.72	ppb
Arsenic	75-2	31.78	32.93	32.56	32.43	1.81	ppb
Barium	135-1	290.50	290.41	290.87	290.59	0.08	ppb
Barium	137-1	286.55	291.44	291.92	289.97	1.03	ppb
Beryllium	9-1	1.41	1.32	1.30	1.34	4.51	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.03	1.55	1.75	1.44	25.89	ppb
Cadmium	106-1	3.41	3.81	2.97	3.39	12.30	ppb
Cadmium	111-1	0.76	0.74	0.66	0.72	7.25	ppb
Calcium	43-1	13950.37	14063.37	14040.78	14018.17	0.43	ppb
Calcium	44-1	13280.02	13361.06	13555.75	13398.94	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.76	55.08	57.92	55.92	3.11	ppb
Cobalt	59-2	31.53	31.64	33.71	32.29	3.79	ppb
Copper	63-2	128.04	128.33	136.94	131.10	3.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	82389.48	82035.06	87230.93	83885.16	3.46	ppb
Iron	57-2	81480.14	82593.21	86586.61	83553.32	3.21	ppb
Iron	54-2	82456.54	82120.76	88927.64	84501.64	4.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-22	Instrumnet Name :	P7
Client Sample ID :	MYD588	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:58:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.45	34.13	34.60	34.39	0.70	ppb
Lead	207-1	28.91	29.28	30.01	29.40	1.89	ppb
Lead	208-1	32.30	32.09	32.55	32.31	0.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	14849.32	14599.18	15732.40	15060.30	3.95	ppb
Manganese	55-2	1631.25	1614.56	1727.09	1657.63	3.66	ppb
Molybdenum	94-1	16.74	17.19	16.96	16.96	1.35	ppb
Molybdenum	95-1	1.62	1.56	1.63	1.60	2.52	ppb
Molybdenum	96-1	3.78	3.80	3.79	3.79	0.36	ppb
Molybdenum	97-1	1.60	1.66	1.64	1.63	1.72	ppb
Molybdenum	98-1	1.53	1.67	1.60	1.60	4.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.51	36.19	39.63	37.44	5.07	ppb
Phosphorus	31-2	2185.61	2277.00	2315.39	2259.33	2.95	ppb
Potassium	39-2	8087.08	8083.10	8578.48	8249.55	3.45	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.66	0.65	1.05	0.79	28.58	ppb
Selenium	77-2	13.50	14.50	20.41	16.14	23.13	ppb
Selenium	78-2	3.77	1.50	2.83	2.70	42.14	ppb
Silicon	28-1	486.83	487.07	495.91	489.94	1.06	ppb
Silver	107-1	0.21	0.21	0.21	0.21	0.55	ppb
Silver	109-1	0.22	0.21	0.23	0.22	4.02	ppb
Sodium	23-2	420.92	419.87	448.67	429.82	3.80	ppb
Strontium	86-1	67.98	69.09	68.47	68.52	0.81	ppb
Strontium	88-1	67.44	69.47	68.68	68.53	1.49	ppb
Sulfur	34-1	-1099.82	-1152.75	-1193.39	-1148.65		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.17	0.19	0.17	0.18	7.00	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	28.73	ppb
Tin	118-1	3.77	3.86	3.79	3.81	1.32	ppb
Titanium	47-1	1436.69	1434.00	1441.87	1437.52	0.28	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-22	Instrumnet Name :	P7
Client Sample ID :	MYD588	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:58:05	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.57	2.53	2.62	2.58	1.77	ppb
Vanadium	51-2	165.86	166.33	177.47	169.88	3.87	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	186.77	190.23	201.01	192.67	3.85	ppb
Zirconium	90-1	8.68	8.89	8.95	8.84	1.65	ppb
Zirconium	91-1	8.91	8.98	8.70	8.86	1.65	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P7
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:18:11	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48257.06	48175.14	48390.04	48274.08	0.22	ppb
Antimony	121-1	510.92	511.53	489.33	503.93	2.51	ppb
Arsenic	75-2	480.76	480.04	482.62	481.14	0.28	ppb
Barium	135-1	2611.03	2603.71	2466.58	2560.44	3.18	ppb
Barium	137-1	2602.84	2592.01	2493.06	2562.64	2.36	ppb
Beryllium	9-1	553.08	543.10	528.04	541.41	2.33	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.59	503.50	484.75	500.28	2.84	ppb
Cadmium	106-1	519.48	515.02	491.05	508.52	3.01	ppb
Cadmium	111-1	503.55	503.78	478.10	495.14	2.98	ppb
Calcium	43-1	257094.24	261430.26	246842.59	255122.36	2.94	ppb
Calcium	44-1	260464.17	262141.16	246240.26	256281.86	3.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.32	491.79	491.66	491.93	0.07	ppb
Cobalt	59-2	479.35	480.00	477.79	479.05	0.24	ppb
Copper	63-2	4717.69	4756.83	4724.55	4733.02	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	56-2	127698.88	127008.90	127051.06	127252.95	0.30	ppb
Iron	57-2	127676.35	127120.14	126292.72	127029.74	0.55	ppb
Iron	54-2	128266.34	127530.91	127205.22	127667.49	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P7
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:18:11	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2613.73	2557.64	2436.02	2535.80	3.58	ppb
Lead	207-1	2585.20	2565.92	2434.27	2528.47	3.25	ppb
Lead	208-1	2581.74	2556.46	2447.74	2528.65	2.82	ppb
Lithium	6-1				90		%
Magnesium	24-2	228933.78	228561.96	227507.23	228334.32	0.32	ppb
Manganese	55-2	4911.58	4927.26	4895.25	4911.37	0.33	ppb
Molybdenum	94-1	5125.56	5205.02	4933.82	5088.14	2.74	ppb
Molybdenum	95-1	5152.86	5208.53	4912.95	5091.44	3.08	ppb
Molybdenum	96-1	5089.48	5206.33	4894.02	5063.27	3.12	ppb
Molybdenum	97-1	5096.75	5169.70	4888.04	5051.49	2.89	ppb
Molybdenum	98-1	5129.34	5146.73	4882.38	5052.82	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.53	476.67	478.43	478.88	0.51	ppb
Phosphorus	31-2	9800.90	9722.76	9915.59	9813.08	0.99	ppb
Potassium	39-2	122192.42	121721.73	121200.19	121704.78	0.41	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				82		%
Scandium	45-2				81		%
Selenium	82-1	491.99	499.76	467.98	486.58	3.40	ppb
Selenium	77-2	474.03	460.96	499.35	478.12	4.08	ppb
Selenium	78-2	481.90	467.29	482.30	477.16	1.79	ppb
Silicon	28-1	476.44	482.23	458.20	472.29	2.65	ppb
Silver	107-1	517.80	501.93	477.94	499.22	4.02	ppb
Silver	109-1	512.82	503.12	475.99	497.31	3.84	ppb
Sodium	23-2	246103.11	243491.91	243774.58	244456.54	0.59	ppb
Strontium	86-1	12584.67	12967.16	12078.26	12543.36	3.55	ppb
Strontium	88-1	12694.53	12864.99	12045.46	12534.99	3.45	ppb
Sulfur	34-1	10730.93	10673.55	9955.69	10453.39	4.13	ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	528.42	516.67	496.21	513.77	3.17	ppb
Thallium	205-1	520.69	509.19	490.43	506.77	3.01	ppb
Tin	118-1	522.87	518.24	496.23	512.44	2.78	ppb
Titanium	47-1	5122.66	5121.91	4888.79	5044.45	2.67	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P7
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:18:11	DataFile Name :	055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	519.19	519.65	494.28	511.04	2.84	ppb
Vanadium	51-2	498.03	497.95	495.75	497.24	0.26	ppb
Yttrium	89-1				85		%
Yttrium	89-2				83		%
Zinc	66-2	4754.69	4762.16	4709.40	4742.08	0.60	ppb
Zirconium	90-1	510.21	517.84	485.98	504.67	3.30	ppb
Zirconium	91-1	506.96	512.58	485.44	501.66	2.85	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P7
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:21:02	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.19	6.58	6.46	6.75	5.79	ppb
Antimony	121-1	0.60	0.56	0.58	0.58	3.74	ppb
Arsenic	75-2	0.08	0.08	0.12	0.09	22.94	ppb
Barium	135-1	0.95	0.95	0.56	0.82	27.79	ppb
Barium	137-1	0.99	0.96	0.66	0.87	21.00	ppb
Beryllium	9-1	0.27	0.26	0.23	0.25	10.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.28	0.13	0.21	35.23	ppb
Cadmium	106-1	0.16	-0.16	-0.95	-0.32		ppb
Cadmium	111-1	0.24	0.19	0.07	0.17	50.88	ppb
Calcium	43-1	115.41	107.91	70.79	98.04	24.37	ppb
Calcium	44-1	109.96	110.66	74.63	98.42	20.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.07	0.04	0.06	32.48	ppb
Cobalt	59-2	0.05	0.04	0.02	0.04	33.42	ppb
Copper	63-2	0.85	0.77	0.65	0.76	13.29	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				94		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	21.69	18.77	16.69	19.05	13.17	ppb
Iron	57-2	16.40	19.16	14.50	16.69	14.03	ppb
Iron	54-2	22.08	17.65	15.34	18.35	18.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P7
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:21:02	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.99	0.63	0.86	23.75	ppb
Lead	207-1	0.99	0.93	0.64	0.85	22.16	ppb
Lead	208-1	0.98	0.96	0.65	0.86	21.64	ppb
Lithium	6-1				97		%
Magnesium	24-2	37.27	32.48	28.54	32.76	13.34	ppb
Manganese	55-2	0.80	0.66	0.54	0.66	19.65	ppb
Molybdenum	94-1	2.41	2.33	1.70	2.15	18.22	ppb
Molybdenum	95-1	2.17	2.13	1.54	1.95	18.31	ppb
Molybdenum	96-1	2.18	2.16	1.55	1.96	18.30	ppb
Molybdenum	97-1	2.23	2.17	1.48	1.96	21.37	ppb
Molybdenum	98-1	2.15	2.14	1.47	1.92	20.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.05	0.03	52.11	ppb
Phosphorus	31-2	-21.94	-18.03	-15.79	-18.59		ppb
Potassium	39-2	22.28	21.37	16.52	20.05	15.45	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	82-1	-0.27	0.13	0.21	0.02	1144.09	ppb
Selenium	77-2	0.43	0.42	0.00	0.28	86.62	ppb
Selenium	78-2	-0.12	-2.66	-1.69	-1.49		ppb
Silicon	28-1	-0.42	-0.51	-0.58	-0.50		ppb
Silver	107-1	0.21	0.21	0.16	0.19	13.98	ppb
Silver	109-1	0.22	0.19	0.15	0.19	18.25	ppb
Sodium	23-2	55.02	49.55	46.19	50.25	8.87	ppb
Strontium	86-1	5.07	4.95	3.35	4.46	21.52	ppb
Strontium	88-1	5.01	4.95	3.33	4.43	21.59	ppb
Sulfur	34-1	-146.78	-158.99	-226.34	-177.37		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.21	0.19	0.12	0.17	28.81	ppb
Thallium	205-1	0.21	0.17	0.13	0.17	24.19	ppb
Tin	118-1	0.27	0.31	0.26	0.28	8.79	ppb
Titanium	47-1	2.01	2.36	1.58	1.98	19.78	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P7
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:21:02	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.10	0.14	22.98	ppb
Vanadium	51-2	0.09	0.04	0.06	0.06	42.16	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	0.63	0.63	0.59	0.62	3.44	ppb
Zirconium	90-1	0.31	0.31	0.21	0.27	21.75	ppb
Zirconium	91-1	0.31	0.32	0.23	0.29	17.82	ppb

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:24:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	87	80	81	6.28	cps
Antimony	121-1	30	60	23	38	51.71	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	63	57	80	67	18.03	cps
Barium	137-1	163	127	100	130	24.46	cps
Beryllium	9-1	80	77	123	93	27.90	cps
Bismuth	209-1	4091847	4103294	4176739	4123960	1.12	cps
Bismuth	209-2	3143049	3166483	3175932	3161821	0.54	cps
Bromine	81-1	8749	8736	8649	8712	0.62	cps
Bromine	81-2	67	60	57	61	8.33	cps
Cadmium	108-1	10	20	10	13	43.30	cps
Cadmium	106-1	2127	2160	2194	2160	1.54	cps
Cadmium	111-1	1488	1498	1532	1506	1.51	cps
Calcium	43-1	223	290	233	249	14.45	cps
Calcium	44-1	4187	4071	4021	4093	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	410	367	320	366	12.31	cps
Cobalt	59-2	143	150	147	147	2.27	cps
Copper	63-2	557	507	497	520	6.18	cps
Dysprosium	156-1	410	447	373	410	8.94	cps
Dysprosium	156-2	223	173	167	188	16.49	cps
Erbium	164-1	37	47	10	31	60.93	cps
Erbium	164-2	13	27	10	17	52.93	cps
Gadolinium	160-1	13	20	23	19	26.96	cps
Gadolinium	160-2	220	220	207	216	3.57	cps
Holmium	165-1	6587219	6543737	6702798	6611252	1.24	cps
Holmium	165-2	4368630	4371336	4408509	4382825	0.51	cps
Indium	115-1	5114890	5123934	5061903	5100242	0.66	cps
Indium	115-2	1592144	1619764	1591438	1601116	1.01	cps
Iron	56-2	6672	6822	6832	6775	1.32	cps
Iron	57-2	893	803	797	831	6.50	cps
Iron	54-2	1120	1137	1183	1147	2.86	cps
Krypton	83-1	127	123	80	110	23.67	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:24:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	287	343	330	320	9.26	cps
Lead	207-1	290	370	340	333	12.12	cps
Lead	208-1	1247	1557	1408	1404	11.01	cps
Lithium	6-1	1043186	1056145	1035695	1045009	0.99	cps
Magnesium	24-2	757	730	693	727	4.38	cps
Manganese	55-2	187	203	190	193	4.56	cps
Molybdenum	94-1	187	193	240	207	14.06	cps
Molybdenum	95-1	43	60	57	53	16.54	cps
Molybdenum	96-1	100	90	110	100	10.00	cps
Molybdenum	97-1	27	33	27	29	13.31	cps
Molybdenum	98-1	33	57	103	64	55.31	cps
Neodymium	150-1	3	17	7	9	78.08	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	63	103	103	90	25.66	cps
Phosphorus	31-2	157	133	153	148	8.54	cps
Potassium	39-2	38869	38438	39037	38781	0.80	cps
Rhodium	103-1	4619932	4628476	4676181	4641530	0.65	cps
Rhodium	103-2	2571062	2566342	2535937	2557780	0.75	cps
Scandium	45-1	2766616	2814502	2804271	2795130	0.90	cps
Scandium	45-2	229403	227379	228256	228346	0.44	cps
Selenium	82-1	151	185	201	179	14.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	193	133	247	191	29.67	cps
Silicon	28-1	179888	184370	182622	182293	1.24	cps
Silver	107-1	43	63	60	56	19.29	cps
Silver	109-1	47	40	20	36	39.03	cps
Sodium	23-2	11037	10834	10927	10933	0.93	cps
Strontium	86-1	207	213	167	196	12.91	cps
Strontium	88-1	130	173	107	137	24.75	cps
Sulfur	34-1	162163	162651	161213	162009	0.45	cps
Terbium	159-1	6782309	6819938	6779342	6793863	0.33	cps
Terbium	159-2	4341655	4329882	4337017	4336185	0.14	cps
Thallium	203-1	310	243	293	282	12.29	cps
Thallium	205-1	723	673	680	692	3.93	cps
Tin	118-1	837	930	837	868	6.21	cps
Titanium	47-1	60	63	73	66	10.58	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:24:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	353	387	370	370	4.51	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	8521349	8446865	8456923	8475046	0.48	cps
Yttrium	89-2	2038777	2011424	2019427	2023209	0.70	cps
Zinc	66-2	150	133	107	130	16.81	cps
Zirconium	90-1	533	570	507	537	5.93	cps
Zirconium	91-1	120	120	130	123	4.68	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:28:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2897	2937	2977	2937	1.36	cps
Antimony	121-1	14227	13880	14758	14288	3.09	cps
Arsenic	75-2	310	350	287	316	10.15	cps
Barium	135-1	18592	18455	18499	18515	0.38	cps
Barium	137-1	31311	32213	32310	31945	1.72	cps
Beryllium	9-1	1407	1437	1443	1429	1.37	cps
Bismuth	209-1	4297636	4104896	4034115	4145549	3.29	cps
Bismuth	209-2	3076909	3232312	3142945	3150722	2.48	cps
Bromine	81-1	8806	8636	8529	8657	1.61	cps
Bromine	81-2	47	43	47	46	4.23	cps
Cadmium	108-1	130	143	120	131	8.93	cps
Cadmium	106-1	2554	2297	2410	2420	5.32	cps
Cadmium	111-1	3427	3351	3447	3408	1.48	cps
Calcium	43-1	10274	10701	10420	10465	2.07	cps
Calcium	44-1	166951	170607	170607	169388	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6275	6178	6385	6279	1.65	cps
Cobalt	59-2	4287	4344	4267	4300	0.93	cps
Copper	63-2	5911	5905	5895	5903	0.14	cps
Dysprosium	156-1	483	377	390	417	13.95	cps
Dysprosium	156-2	153	177	173	168	7.52	cps
Erbium	164-1	33	20	33	29	26.64	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	27	13	20	20	33.35	cps
Gadolinium	160-2	203	200	267	223	16.82	cps
Holmium	165-1	6814851	6510415	6524388	6616551	2.60	cps
Holmium	165-2	4278176	4441965	4305302	4341814	2.02	cps
Indium	115-1	5341630	5108190	4983732	5144517	3.53	cps
Indium	115-2	1565146	1634751	1563479	1587792	2.56	cps
Iron	56-2	132568	130497	130691	131252	0.87	cps
Iron	57-2	4251	4067	3927	4082	3.97	cps
Iron	54-2	8256	8426	8119	8267	1.86	cps
Krypton	83-1	97	90	137	108	23.42	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:28:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5601	5428	5481	5503	1.61	cps
Lead	207-1	4704	4888	4711	4768	2.18	cps
Lead	208-1	21007	21634	21430	21357	1.50	cps
Lithium	6-1	1061462	1042931	1016298	1040230	2.18	cps
Magnesium	24-2	132693	130538	132949	132060	1.00	cps
Manganese	55-2	2774	2564	2587	2641	4.36	cps
Molybdenum	94-1	14384	14637	14187	14403	1.57	cps
Molybdenum	95-1	16856	17387	17224	17156	1.58	cps
Molybdenum	96-1	18812	19203	19617	19211	2.09	cps
Molybdenum	97-1	10891	10891	11111	10964	1.16	cps
Molybdenum	98-1	27860	28334	28254	28149	0.90	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1213	1323	993	1177	14.28	cps
Phosphorus	31-2	323	400	343	356	11.18	cps
Potassium	39-2	195859	194542	195857	195419	0.39	cps
Rhodium	103-1	4800522	4572297	4604598	4659139	2.65	cps
Rhodium	103-2	2465178	2550008	2532129	2515772	1.78	cps
Scandium	45-1	2877158	2787118	2713279	2792518	2.94	cps
Scandium	45-2	216882	226930	223037	222283	2.28	cps
Selenium	82-1	755	724	668	716	6.15	cps
Selenium	77-2	53	60	63	59	8.65	cps
Selenium	78-2	327	240	310	292	15.74	cps
Silicon	28-1	194921	197960	198966	197282	1.07	cps
Silver	107-1	8086	8392	8956	8478	5.21	cps
Silver	109-1	7755	8152	8029	7979	2.55	cps
Sodium	23-2	218237	217075	216199	217170	0.47	cps
Strontium	86-1	2647	2547	2614	2602	1.96	cps
Strontium	88-1	20478	20304	20024	20269	1.13	cps
Sulfur	34-1	160095	158765	160742	159867	0.63	cps
Terbium	159-1	7060283	6733939	6729864	6841362	2.77	cps
Terbium	159-2	4193449	4352302	4230327	4258692	1.95	cps
Thallium	203-1	6315	6668	7145	6709	6.21	cps
Thallium	205-1	15445	15418	15706	15523	1.02	cps
Tin	118-1	29801	30522	30736	30353	1.61	cps
Titanium	47-1	4497	4344	4341	4394	2.04	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:28:19	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20195	20102	20549	20282	1.16	cps
Vanadium	51-2	11518	11698	11591	11602	0.78	cps
Yttrium	89-1	8707257	8368257	8325578	8467030	2.47	cps
Yttrium	89-2	1927044	2052317	1972650	1984003	3.20	cps
Zinc	66-2	2484	2454	2294	2410	4.24	cps
Zirconium	90-1	12429	12532	12415	12459	0.51	cps
Zirconium	91-1	2720	2827	2807	2785	2.04	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:31:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144364	145750	145673	145263	0.54	cps
Antimony	121-1	343017	345552	349639	346069	0.97	cps
Arsenic	75-2	15642	15328	15849	15606	1.68	cps
Barium	135-1	445984	463763	453525	454424	1.96	cps
Barium	137-1	783290	787299	801164	790584	1.19	cps
Beryllium	9-1	65226	64303	66789	65439	1.92	cps
Bismuth	209-1	4136177	4003729	4179133	4106346	2.23	cps
Bismuth	209-2	3263675	3070186	3343094	3225652	4.35	cps
Bromine	81-1	8379	8689	8583	8550	1.84	cps
Bromine	81-2	80	53	57	63	22.94	cps
Cadmium	108-1	6441	6365	6632	6479	2.12	cps
Cadmium	106-1	11345	11161	11231	11246	0.82	cps
Cadmium	111-1	88068	90444	88210	88907	1.50	cps
Calcium	43-1	109542	110790	110952	110428	0.70	cps
Calcium	44-1	1627228	1605272	1633518	1622006	0.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122193	124472	122355	123007	1.03	cps
Cobalt	59-2	189200	186924	187772	187965	0.61	cps
Copper	63-2	1345564	1341831	1332109	1339835	0.52	cps
Dysprosium	156-1	360	320	380	353	8.65	cps
Dysprosium	156-2	170	163	157	163	4.08	cps
Erbium	164-1	13	23	20	19	26.96	cps
Erbium	164-2	13	33	33	27	43.31	cps
Gadolinium	160-1	47	3	10	20	116.68	cps
Gadolinium	160-2	250	187	203	213	15.39	cps
Holmium	165-1	6424536	6591356	6420781	6478891	1.50	cps
Holmium	165-2	4547154	4244301	4488307	4426587	3.63	cps
Indium	115-1	4885515	4942080	4848953	4892183	0.96	cps
Indium	115-2	1601668	1510721	1640434	1584274	4.20	cps
Iron	56-2	5466310	5457524	5434952	5452929	0.30	cps
Iron	57-2	144150	143998	142639	143596	0.58	cps
Iron	54-2	318924	320181	318860	319322	0.23	cps
Krypton	83-1	123	103	93	107	14.32	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:31:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1226854	1284101	1266631	1259196	2.33	cps
Lead	207-1	1097175	1103043	1130784	1110334	1.62	cps
Lead	208-1	4860733	4891400	4981308	4911147	1.28	cps
Lithium	6-1	1002061	997937	1053103	1017700	3.02	cps
Magnesium	24-2	1151919	1153832	1153773	1153175	0.09	cps
Manganese	55-2	943707	950964	944968	946546	0.41	cps
Molybdenum	94-1	1249208	1232840	1262826	1248291	1.20	cps
Molybdenum	95-1	1756222	1820975	1819734	1798977	2.06	cps
Molybdenum	96-1	1935861	1998302	1937984	1957382	1.81	cps
Molybdenum	97-1	1104664	1134141	1121012	1119939	1.32	cps
Molybdenum	98-1	2852548	2896936	2927142	2892209	1.30	cps
Neodymium	150-1	50	20	27	32	48.88	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	47498	47672	47729	47633	0.25	cps
Phosphorus	31-2	7062	7339	7185	7195	1.93	cps
Potassium	39-2	791478	800141	789927	793848	0.69	cps
Rhodium	103-1	4456974	4477308	4442061	4458781	0.40	cps
Rhodium	103-2	2575290	2437474	2570413	2527726	3.09	cps
Scandium	45-1	2757549	2741615	2744726	2747963	0.31	cps
Scandium	45-2	229271	217552	230899	225907	3.22	cps
Selenium	82-1	5296	5356	5409	5354	1.05	cps
Selenium	77-2	440	383	433	419	7.39	cps
Selenium	78-2	1613	1810	1593	1672	7.16	cps
Silicon	28-1	1103849	1119531	1118091	1113824	0.78	cps
Silver	107-1	424941	436178	430790	430636	1.31	cps
Silver	109-1	410852	402920	419498	411090	2.02	cps
Sodium	23-2	1929290	1940841	1927861	1932664	0.37	cps
Strontium	86-1	2830647	2783224	2884411	2832761	1.79	cps
Strontium	88-1	24954691	24536273	24946320	24812428	0.96	cps
Sulfur	34-1	191837	190424	186644	189635	1.42	cps
Terbium	159-1	6621089	6667056	6640824	6642990	0.35	cps
Terbium	159-2	4399395	4211230	4506574	4372400	3.42	cps
Thallium	203-1	305693	311698	313292	310228	1.29	cps
Thallium	205-1	697937	699989	717603	705176	1.53	cps
Tin	118-1	287044	292293	293191	290843	1.14	cps
Titanium	47-1	445259	457528	452786	451858	1.37	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:31:39	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	971425	1009868	1004615	995303	2.09	cps
Vanadium	51-2	109181	111024	109970	110058	0.84	cps
Yttrium	89-1	8430188	8296071	8302168	8342809	0.91	cps
Yttrium	89-2	2040358	1911279	2029321	1993653	3.59	cps
Zinc	66-2	222025	220227	216875	219709	1.19	cps
Zirconium	90-1	575571	595910	584675	585385	1.74	cps
Zirconium	91-1	128177	131032	130409	129873	1.16	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:34:48	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350783	349642	347410	349279	0.49	cps
Antimony	121-1	843948	849170	850160	847759	0.39	cps
Arsenic	75-2	37237	37992	37096	37442	1.29	cps
Barium	135-1	1122777	1143124	1128744	1131548	0.92	cps
Barium	137-1	2045272	2130814	2057174	2077753	2.23	cps
Beryllium	9-1	158075	159704	160936	159572	0.90	cps
Bismuth	209-1	3961023	4031867	4099506	4030799	1.72	cps
Bismuth	209-2	3430171	2944086	3045004	3139754	8.17	cps
Bromine	81-1	8012	8049	8129	8063	0.74	cps
Bromine	81-2	47	33	50	43	20.36	cps
Cadmium	108-1	15555	16192	16046	15931	2.09	cps
Cadmium	106-1	24971	25529	24998	25166	1.25	cps
Cadmium	111-1	214658	217667	216099	216141	0.70	cps
Calcium	43-1	264036	268938	267678	266884	0.95	cps
Calcium	44-1	3844620	3842013	3856872	3847835	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	291362	293931	290981	292092	0.55	cps
Cobalt	59-2	445251	451141	444076	446823	0.85	cps
Copper	63-2	3276165	3234748	3219711	3243541	0.90	cps
Dysprosium	156-1	343	313	357	338	6.57	cps
Dysprosium	156-2	187	163	173	174	6.71	cps
Erbium	164-1	43	33	30	36	19.51	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	47	30	43	40	22.05	cps
Gadolinium	160-2	213	173	220	202	12.48	cps
Holmium	165-1	6397848	6453473	6628129	6493150	1.85	cps
Holmium	165-2	4671464	4132477	4275678	4359873	6.40	cps
Indium	115-1	4796949	4918155	4896963	4870689	1.33	cps
Indium	115-2	1679261	1426999	1462950	1523070	8.96	cps
Iron	56-2	13156219	13031891	13027873	13071994	0.56	cps
Iron	57-2	342984	343636	343656	343426	0.11	cps
Iron	54-2	762653	758155	755779	758863	0.46	cps
Krypton	83-1	103	110	133	116	13.64	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:34:48	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3496234	3587143	3560050	3547809	1.32	cps
Lead	207-1	3124693	3139091	3150383	3138056	0.41	cps
Lead	208-1	12924390	13103010	13142241	13056547	0.89	cps
Lithium	6-1	1005160	1043242	1060348	1036250	2.73	cps
Magnesium	24-2	2753876	2808322	2771001	2777733	1.00	cps
Manganese	55-2	2236179	2240017	2226475	2234224	0.31	cps
Molybdenum	94-1	2992663	3050792	3044377	3029277	1.05	cps
Molybdenum	95-1	4313209	4409844	4377457	4366837	1.13	cps
Molybdenum	96-1	4727838	4783556	4776696	4762697	0.64	cps
Molybdenum	97-1	2756199	2779503	2729644	2755115	0.91	cps
Molybdenum	98-1	7107064	7020177	7042528	7056590	0.64	cps
Neodymium	150-1	67	97	110	91	24.36	cps
Neodymium	150-2	17	20	10	16	32.73	cps
Nickel	60-2	113243	112844	110436	112174	1.35	cps
Phosphorus	31-2	17126	17377	17250	17251	0.73	cps
Potassium	39-2	1749603	1753655	1702538	1735265	1.64	cps
Rhodium	103-1	4288384	4336896	4380846	4335375	1.07	cps
Rhodium	103-2	2608696	2289903	2374505	2424368	6.81	cps
Scandium	45-1	2561563	2602077	2600872	2588171	0.89	cps
Scandium	45-2	235013	201625	205608	214082	8.52	cps
Selenium	82-1	12660	12773	12932	12788	1.07	cps
Selenium	77-2	1070	1093	1113	1092	1.99	cps
Selenium	78-2	3664	3971	3964	3866	4.53	cps
Silicon	28-1	2414092	2468660	2438849	2440534	1.12	cps
Silver	107-1	1036862	1044834	1040502	1040733	0.38	cps
Silver	109-1	986369	999164	995025	993520	0.66	cps
Sodium	23-2	4617688	4621265	4606369	4615107	0.17	cps
Strontium	86-1	6803822	6841365	6879109	6841432	0.55	cps
Strontium	88-1	59366639	60620291	59429074	59805335	1.18	cps
Sulfur	34-1	221438	221187	219243	220623	0.54	cps
Terbium	159-1	6506662	6628093	6739967	6624907	1.76	cps
Terbium	159-2	4666554	4053391	4086758	4268901	8.08	cps
Thallium	203-1	777952	791912	800065	789976	1.42	cps
Thallium	205-1	1965792	1990277	1968135	1974735	0.68	cps
Tin	118-1	716002	723453	729281	722912	0.92	cps
Titanium	47-1	1088292	1090618	1091642	1090184	0.16	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:34:48	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2831817	2939526	2897832	2889725	1.88	cps
Vanadium	51-2	265017	264863	262122	264001	0.62	cps
Yttrium	89-1	7869024	8139947	8177263	8062078	2.09	cps
Yttrium	89-2	2096160	1805345	1859035	1920180	8.06	cps
Zinc	66-2	518848	524934	521973	521918	0.58	cps
Zirconium	90-1	1436974	1455596	1445552	1446041	0.64	cps
Zirconium	91-1	318462	320862	318635	319319	0.42	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:37:48	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	672431	663206	668928	668188	0.70	cps
Antimony	121-1	1675566	1718676	1743350	1712530	2.00	cps
Arsenic	75-2	72074	70339	70955	71123	1.24	cps
Barium	135-1	2306626	2314567	2316686	2312626	0.23	cps
Barium	137-1	4014955	4057738	4051860	4041518	0.57	cps
Beryllium	9-1	306530	309918	309232	308560	0.58	cps
Bismuth	209-1	4058631	4068933	4145979	4091181	1.17	cps
Bismuth	209-2	3096097	3099927	3143153	3113059	0.84	cps
Bromine	81-1	7552	7295	7415	7421	1.73	cps
Bromine	81-2	57	53	57	56	3.47	cps
Cadmium	108-1	30288	31210	30592	30697	1.53	cps
Cadmium	106-1	44979	45187	45962	45376	1.14	cps
Cadmium	111-1	407259	408698	417660	411206	1.37	cps
Calcium	43-1	503564	506130	505845	505180	0.28	cps
Calcium	44-1	7291699	7299980	7330238	7307306	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	557735	555771	557508	557004	0.19	cps
Cobalt	59-2	851702	849044	849158	849968	0.18	cps
Copper	63-2	6129746	6064040	6053446	6082410	0.68	cps
Dysprosium	156-1	373	303	390	356	12.93	cps
Dysprosium	156-2	167	223	197	196	14.50	cps
Erbium	164-1	27	40	57	41	36.56	cps
Erbium	164-2	20	23	43	29	43.68	cps
Gadolinium	160-1	30	33	27	30	11.10	cps
Gadolinium	160-2	203	190	197	197	3.39	cps
Holmium	165-1	6415252	6541850	6584741	6513948	1.35	cps
Holmium	165-2	4348289	4330732	4301108	4326710	0.55	cps
Indium	115-1	4763549	4741870	4823700	4776373	0.89	cps
Indium	115-2	1464051	1454186	1472157	1463465	0.61	cps
Iron	56-2	24817144	24901817	24740718	24819893	0.32	cps
Iron	57-2	653834	654239	653161	653745	0.08	cps
Iron	54-2	1390824	1371700	1362014	1374846	1.07	cps
Krypton	83-1	80	130	153	121	30.94	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:37:48	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6947117	6978221	7015320	6980219	0.49	cps
Lead	207-1	6073990	6153283	6189991	6139088	0.97	cps
Lead	208-1	25602314	25710794	26009406	25774171	0.82	cps
Lithium	6-1	1053164	1022156	1044477	1039932	1.54	cps
Magnesium	24-2	5367381	5321081	5334927	5341129	0.44	cps
Manganese	55-2	4268680	4294883	4220222	4261262	0.89	cps
Molybdenum	94-1	5885683	5836711	5887136	5869844	0.49	cps
Molybdenum	95-1	8386845	8438998	8404267	8410037	0.32	cps
Molybdenum	96-1	9168104	9290931	9199221	9219419	0.69	cps
Molybdenum	97-1	5286978	5297071	5323659	5302569	0.36	cps
Molybdenum	98-1	13771034	13732381	13774634	13759350	0.17	cps
Neodymium	150-1	187	150	113	150	24.45	cps
Neodymium	150-2	37	27	43	36	23.58	cps
Nickel	60-2	213818	212655	209978	212150	0.93	cps
Phosphorus	31-2	33126	33213	32254	32864	1.61	cps
Potassium	39-2	3278907	3276316	3289583	3281602	0.21	cps
Rhodium	103-1	4248802	4274927	4315544	4279758	0.79	cps
Rhodium	103-2	2328590	2334835	2352170	2338532	0.52	cps
Scandium	45-1	2559993	2539883	2536001	2545293	0.51	cps
Scandium	45-2	205639	204506	205324	205156	0.28	cps
Selenium	82-1	24104	23854	24515	24158	1.38	cps
Selenium	77-2	2030	1960	2127	2039	4.10	cps
Selenium	78-2	7285	7205	7342	7277	0.94	cps
Silicon	28-1	4346019	4438263	4381188	4388490	1.06	cps
Silver	107-1	2043856	2061610	2044709	2050058	0.49	cps
Silver	109-1	1956263	1961893	1947499	1955218	0.37	cps
Sodium	23-2	8862848	8968306	8823495	8884883	0.84	cps
Strontium	86-1	13176192	13119476	13200599	13165422	0.32	cps
Strontium	88-1	114846015	114798785	116239172	115294657	0.71	cps
Sulfur	34-1	272055	272795	269962	271604	0.54	cps
Terbium	159-1	6647358	6724964	6832143	6734822	1.38	cps
Terbium	159-2	4267599	4194838	4185487	4215975	1.07	cps
Thallium	203-1	1536192	1568957	1569301	1558150	1.22	cps
Thallium	205-1	3857057	3890574	3941653	3896428	1.09	cps
Tin	118-1	1372193	1398774	1396996	1389321	1.07	cps
Titanium	47-1	2028503	2034879	2034057	2032480	0.17	cps

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:37:48	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5790792	5703046	5853045	5782294	1.30	cps
Vanadium	51-2	505133	499056	502186	502125	0.61	cps
Yttrium	89-1	7893086	7866237	8000923	7920082	0.90	cps
Yttrium	89-2	1854343	1842271	1855704	1850773	0.40	cps
Zinc	66-2	1006236	997618	1000753	1001536	0.44	cps
Zirconium	90-1	2755566	2758137	2799697	2771133	0.89	cps
Zirconium	91-1	608356	612095	615928	612126	0.62	cps

Reviewed By:Mohan
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LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:40:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1253161	1249739	1230655	1244518	0.97	cps
Antimony	121-1	3232010	3278115	3260828	3256984	0.72	cps
Arsenic	75-2	136561	134432	133561	134851	1.14	cps
Barium	135-1	4461466	4479191	4435505	4458721	0.49	cps
Barium	137-1	7560607	7718048	7708836	7662497	1.15	cps
Beryllium	9-1	584260	593654	592360	590092	0.86	cps
Bismuth	209-1	3907973	3974218	3974322	3952171	0.97	cps
Bismuth	209-2	2978239	2943254	2996970	2972821	0.92	cps
Bromine	81-1	7045	6875	7022	6981	1.32	cps
Bromine	81-2	27	33	47	36	28.64	cps
Cadmium	108-1	57222	57376	57366	57321	0.15	cps
Cadmium	106-1	82841	83065	83552	83153	0.44	cps
Cadmium	111-1	766853	777078	781431	775120	0.97	cps
Calcium	43-1	936585	942908	942970	940821	0.39	cps
Calcium	44-1	13627396	13794666	13713146	13711736	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1051237	1044900	1050603	1048913	0.33	cps
Cobalt	59-2	1607078	1571926	1579536	1586180	1.17	cps
Copper	63-2	11345882	11330095	11291710	11322562	0.25	cps
Dysprosium	156-1	370	337	333	347	5.85	cps
Dysprosium	156-2	263	223	267	251	9.60	cps
Erbium	164-1	47	63	57	56	15.09	cps
Erbium	164-2	50	53	30	44	28.39	cps
Gadolinium	160-1	87	47	43	59	40.95	cps
Gadolinium	160-2	247	203	200	217	12.02	cps
Holmium	165-1	6345406	6313951	6466989	6375449	1.27	cps
Holmium	165-2	4174549	4168430	4150492	4164490	0.30	cps
Indium	115-1	4501363	4514545	4517409	4511106	0.19	cps
Indium	115-2	1376053	1374810	1384875	1378579	0.40	cps
Iron	56-2	46979038	46431059	46413441	46607846	0.69	cps
Iron	57-2	1228686	1220765	1222775	1224075	0.34	cps
Iron	54-2	2590622	2582468	2587260	2586783	0.16	cps
Krypton	83-1	87	83	67	79	13.58	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:40:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13236586	13660738	13570747	13489357	1.66	cps
Lead	207-1	11733467	12048959	12164183	11982203	1.86	cps
Lead	208-1	49240014	50813437	50604346	50219266	1.70	cps
Lithium	6-1	1049892	1022947	1038299	1037046	1.30	cps
Magnesium	24-2	10266411	10125897	10040115	10144141	1.13	cps
Manganese	55-2	8061721	8031417	7986798	8026645	0.47	cps
Molybdenum	94-1	11074642	11091260	11079572	11081825	0.08	cps
Molybdenum	95-1	15948781	16128661	16000917	16026120	0.58	cps
Molybdenum	96-1	17409537	17623008	17506106	17512884	0.61	cps
Molybdenum	97-1	10028438	10131620	10084370	10081476	0.51	cps
Molybdenum	98-1	26005145	26308961	26233808	26182638	0.60	cps
Neodymium	150-1	290	263	277	277	4.82	cps
Neodymium	150-2	37	67	30	44	43.95	cps
Nickel	60-2	390387	390156	391930	390824	0.25	cps
Phosphorus	31-2	62205	61935	61971	62037	0.24	cps
Potassium	39-2	6134130	6061651	6111199	6102327	0.61	cps
Rhodium	103-1	4026542	3967661	4020963	4005056	0.81	cps
Rhodium	103-2	2187791	2144901	2203090	2178594	1.38	cps
Scandium	45-1	2426104	2406582	2407535	2413407	0.46	cps
Scandium	45-2	194720	192424	194895	194013	0.71	cps
Selenium	82-1	44500	45582	44776	44952	1.25	cps
Selenium	77-2	3994	3974	3974	3981	0.29	cps
Selenium	78-2	13233	13106	13416	13252	1.18	cps
Silicon	28-1	7894477	8012799	7918155	7941810	0.79	cps
Silver	107-1	3877246	3877541	3798148	3850978	1.19	cps
Silver	109-1	3600033	3651426	3666875	3639445	0.96	cps
Sodium	23-2	16982876	16805258	16856101	16881412	0.54	cps
Strontium	86-1	24905339	24912870	25118918	24979042	0.49	cps
Strontium	88-1	216446957	218606030	218933610	217995532	0.62	cps
Sulfur	34-1	370607	368215	370504	369775	0.37	cps
Terbium	159-1	6446294	6487792	6508371	6480819	0.49	cps
Terbium	159-2	4088861	4113609	4073557	4092009	0.49	cps
Thallium	203-1	3279310	3330535	3376699	3328848	1.46	cps
Thallium	205-1	7469509	7599743	7616753	7562001	1.07	cps
Tin	118-1	2708707	2838134	2764637	2770492	2.34	cps
Titanium	47-1	3841512	3865767	3766322	3824533	1.36	cps

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LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:40:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11342894	11518159	11669001	11510018	1.42	cps
Vanadium	51-2	948595	941579	945325	945167	0.37	cps
Yttrium	89-1	7584473	7660098	7638106	7627559	0.51	cps
Yttrium	89-2	1770758	1747918	1779233	1765970	0.92	cps
Zinc	66-2	1884747	1864607	1882157	1877170	0.58	cps
Zirconium	90-1	5236976	5262770	5274856	5258201	0.37	cps
Zirconium	91-1	1161302	1168550	1173408	1167753	0.52	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:43:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2497051	2546893	2513433	2519126	1.01	cps
Antimony	121-1	6485770	6473311	6625742	6528274	1.30	cps
Arsenic	75-2	269063	270258	271337	270220	0.42	cps
Barium	135-1	8822572	8981377	9042419	8948789	1.27	cps
Barium	137-1	15231007	15450191	15692499	15457899	1.49	cps
Beryllium	9-1	1083106	1099045	1098166	1093439	0.82	cps
Bismuth	209-1	4010077	4007663	3986060	4001266	0.33	cps
Bismuth	209-2	2950517	2928644	2974992	2951384	0.79	cps
Bromine	81-1	6732	6972	6768	6824	1.90	cps
Bromine	81-2	37	30	47	38	22.21	cps
Cadmium	108-1	112582	113150	114763	113499	1.00	cps
Cadmium	106-1	161601	163292	165824	163572	1.30	cps
Cadmium	111-1	1527495	1540689	1543535	1537240	0.56	cps
Calcium	43-1	1798428	1858701	1818595	1825241	1.68	cps
Calcium	44-1	27116891	27694425	27823956	27545091	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2076553	2097910	2077083	2083849	0.58	cps
Cobalt	59-2	3197088	3152607	3165246	3171647	0.72	cps
Copper	63-2	22441031	22239836	22555821	22412229	0.71	cps
Dysprosium	156-1	407	383	433	408	6.14	cps
Dysprosium	156-2	410	520	447	459	12.21	cps
Erbium	164-1	80	157	120	119	32.25	cps
Erbium	164-2	103	57	60	73	35.50	cps
Gadolinium	160-1	100	103	110	104	4.88	cps
Gadolinium	160-2	213	203	230	216	6.25	cps
Holmium	165-1	6487329	6532204	6590899	6536811	0.79	cps
Holmium	165-2	4233549	4138177	4180687	4184138	1.14	cps
Indium	115-1	4433614	4530569	4473972	4479385	1.09	cps
Indium	115-2	1352288	1350033	1355730	1352683	0.21	cps
Iron	56-2	94183635	94020065	93923182	94042294	0.14	cps
Iron	57-2	2385694	2362494	2389543	2379244	0.62	cps
Iron	54-2	5177973	5152111	5196578	5175554	0.43	cps
Krypton	83-1	90	100	117	102	13.18	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:43:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27036799	27551922	27615028	27401250	1.16	cps
Lead	207-1	23884260	24352921	24494800	24243994	1.32	cps
Lead	208-1	99872449	101517333	101684388	101024723	0.99	cps
Lithium	6-1	1037981	995221	1040235	1024479	2.48	cps
Magnesium	24-2	20414885	20592045	20445726	20484218	0.46	cps
Manganese	55-2	16200642	16192362	16085710	16159572	0.40	cps
Molybdenum	94-1	22245759	22211789	22521145	22326231	0.76	cps
Molybdenum	95-1	31922179	31958843	32421255	32100759	0.87	cps
Molybdenum	96-1	34904761	35406989	35483843	35265198	0.89	cps
Molybdenum	97-1	20076274	20272447	20413886	20254202	0.84	cps
Molybdenum	98-1	52268973	52273101	52891974	52478016	0.68	cps
Neodymium	150-1	490	483	497	490	1.36	cps
Neodymium	150-2	110	70	110	97	23.89	cps
Nickel	60-2	775042	778089	774698	775943	0.24	cps
Phosphorus	31-2	123893	124363	123718	123991	0.27	cps
Potassium	39-2	12224907	12304378	12303298	12277528	0.37	cps
Rhodium	103-1	4031350	3945327	3937572	3971416	1.31	cps
Rhodium	103-2	2176831	2164000	2159238	2166690	0.42	cps
Scandium	45-1	2393423	2414892	2430238	2412851	0.77	cps
Scandium	45-2	196334	196421	198137	196964	0.52	cps
Selenium	82-1	88474	89152	89162	88929	0.44	cps
Selenium	77-2	8012	7682	7742	7812	2.25	cps
Selenium	78-2	26096	26096	26390	26194	0.65	cps
Silicon	28-1	18573156	18636882	18831450	18680496	0.72	cps
Silver	107-1	7467450	7569395	7677918	7571588	1.39	cps
Silver	109-1	7188387	7271436	7293834	7251219	0.77	cps
Sodium	23-2	34030114	34334239	34348309	34237554	0.53	cps
Strontium	86-1	50162163	49995236	51104234	50420544	1.19	cps
Strontium	88-1	439829300	443631633	448748500	444069811	1.01	cps
Sulfur	34-1	604990	606197	607991	606393	0.25	cps
Terbium	159-1	6628281	6608602	6631510	6622798	0.19	cps
Terbium	159-2	4071623	4095264	4100408	4089099	0.38	cps
Thallium	203-1	6655739	6759500	6809579	6741606	1.16	cps
Thallium	205-1	15209318	15570710	15710556	15496861	1.67	cps
Tin	118-1	5436824	5537363	5487440	5487209	0.92	cps
Titanium	47-1	7547123	7676194	7608499	7610606	0.85	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:43:33	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23473710	23710160	23623256	23602375	0.51	cps
Vanadium	51-2	1886052	1896833	1884812	1889232	0.35	cps
Yttrium	89-1	7675585	7624380	7732968	7677644	0.71	cps
Yttrium	89-2	1778508	1801536	1755810	1778618	1.29	cps
Zinc	66-2	3759693	3693733	3742885	3732104	0.92	cps
Zirconium	90-1	10525396	10597587	10681044	10601342	0.73	cps
Zirconium	91-1	2346398	2341818	2416902	2368373	1.78	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:46:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12637749	12733007	12928602	12766453	1.16	cps
Antimony	121-1	5391	5394	5821	5536	4.47	cps
Arsenic	75-2	163	197	153	171	13.26	cps
Barium	135-1	3280	3314	3170	3255	2.30	cps
Barium	137-1	5855	5748	5588	5730	2.34	cps
Beryllium	9-1	357	297	320	324	9.32	cps
Bismuth	209-1	3533024	3593525	3510193	3545581	1.21	cps
Bismuth	209-2	2650940	2685257	2666395	2667531	0.64	cps
Bromine	81-1	7325	7479	7785	7530	3.11	cps
Bromine	81-2	67	47	67	60	19.24	cps
Cadmium	108-1	50	60	53	54	9.35	cps
Cadmium	106-1	1837	2000	1867	1901	4.57	cps
Cadmium	111-1	1637	1675	1516	1609	5.15	cps
Calcium	43-1	7754699	7952984	7956914	7888199	1.47	cps
Calcium	44-1	123036862	126227935	127713548	125659448	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7655	7775	7749	7727	0.82	cps
Cobalt	59-2	8349	8446	8229	8341	1.30	cps
Copper	63-2	4567	4467	4357	4464	2.35	cps
Dysprosium	156-1	407	503	513	474	12.42	cps
Dysprosium	156-2	253	283	250	262	7.00	cps
Erbium	164-1	260	220	267	249	10.14	cps
Erbium	164-2	173	177	97	149	30.40	cps
Gadolinium	160-1	177	243	203	208	16.15	cps
Gadolinium	160-2	347	273	347	322	13.14	cps
Holmium	165-1	6301770	6277236	6239301	6272769	0.50	cps
Holmium	165-2	4072791	4094904	4034703	4067466	0.75	cps
Indium	115-1	4251457	4353752	4269080	4291430	1.27	cps
Indium	115-2	1326564	1325232	1327341	1326379	0.08	cps
Iron	56-2	454540700	452672647	454823687	454012344	0.26	cps
Iron	57-2	11240895	11277267	11381569	11299911	0.65	cps
Iron	54-2	24604792	24663681	24862498	24710324	0.55	cps
Krypton	83-1	113	120	120	118	3.27	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:46:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5961	5478	5418	5619	5.30	cps
Lead	207-1	5338	4998	4591	4975	7.52	cps
Lead	208-1	22133	20522	19583	20746	6.22	cps
Lithium	6-1	948496	971004	980842	966780	1.72	cps
Magnesium	24-2	109043305	108987025	110110372	109380234	0.58	cps
Manganese	55-2	9670	9456	9670	9599	1.28	cps
Molybdenum	94-1	7389	7208	7148	7249	1.72	cps
Molybdenum	95-1	8286	8152	7679	8039	3.97	cps
Molybdenum	96-1	13670	13837	13056	13521	3.04	cps
Molybdenum	97-1	4864	4634	4781	4760	2.45	cps
Molybdenum	98-1	12355	11741	11558	11885	3.51	cps
Neodymium	150-1	130	140	133	134	3.79	cps
Neodymium	150-2	103	73	97	91	17.29	cps
Nickel	60-2	3664	3327	3350	3447	5.46	cps
Phosphorus	31-2	107	120	150	126	17.68	cps
Potassium	39-2	62718466	62144826	63085827	62649706	0.76	cps
Rhodium	103-1	3553091	3636780	3565775	3585215	1.26	cps
Rhodium	103-2	1987007	1973470	2004164	1988214	0.77	cps
Scandium	45-1	2345691	2393353	2411893	2383646	1.43	cps
Scandium	45-2	198299	198913	201027	199413	0.72	cps
Selenium	82-1	230	238	255	241	5.38	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	117	103	73	98	22.70	cps
Silicon	28-1	201839	199682	198753	200091	0.79	cps
Silver	107-1	1207	1047	897	1050	14.76	cps
Silver	109-1	1107	1060	843	1003	14.01	cps
Sodium	23-2	171133297	171631051	172219104	171661151	0.32	cps
Strontium	86-1	8372	8569	8402	8448	1.26	cps
Strontium	88-1	77262	72598	70009	73290	5.01	cps
Sulfur	34-1	129412	132767	133796	131992	1.74	cps
Terbium	159-1	6249474	6354700	6337087	6313754	0.89	cps
Terbium	159-2	4030614	3917746	3938926	3962429	1.51	cps
Thallium	203-1	940	847	760	849	10.60	cps
Thallium	205-1	2009	1805	1637	1817	10.26	cps
Tin	118-1	6018	5858	5908	5928	1.38	cps
Titanium	47-1	1550	1737	1603	1630	5.90	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:46:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1613	1243	1123	1327	19.25	cps
Vanadium	51-2	593	583	593	590	0.98	cps
Yttrium	89-1	7281516	7382947	7307681	7324048	0.72	cps
Yttrium	89-2	1743449	1746496	1769451	1753132	0.81	cps
Zinc	66-2	1447	1157	1237	1280	11.70	cps
Zirconium	90-1	7442	7225	7265	7311	1.58	cps
Zirconium	91-1	1640	1623	1633	1632	0.51	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICV014	Instrumnet Name :	P7
Client Sample ID :	ICV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:56:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67340	67186	67280	67269	0.12	cps
Antimony	121-1	1237388	1279091	1290517	1268998	2.20	cps
Arsenic	75-2	58481	58200	57675	58119	0.70	cps
Barium	135-1	163001	169664	167982	166883	2.08	cps
Barium	137-1	282225	294545	292740	289837	2.30	cps
Beryllium	9-1	121211	125233	125639	124028	1.97	cps
Bismuth	209-1	4035363	4170558	4149143	4118355	1.76	cps
Bismuth	209-2	3213560	3132997	3134641	3160399	1.46	cps
Bromine	81-1	7912	7759	7852	7841	0.99	cps
Bromine	81-2	63	33	47	48	31.46	cps
Cadmium	108-1	10274	10387	11008	10556	3.74	cps
Cadmium	106-1	15999	16603	16706	16436	2.32	cps
Cadmium	111-1	159883	164795	164959	163213	1.77	cps
Calcium	43-1	34449	35401	35498	35116	1.65	cps
Calcium	44-1	548667	568346	577303	564772	2.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231314	228999	229902	230072	0.51	cps
Cobalt	59-2	353003	353334	355365	353901	0.36	cps
Copper	63-2	234906	235891	235432	235410	0.21	cps
Dysprosium	156-1	143	153	163	153	6.52	cps
Dysprosium	156-2	50	30	70	50	40.00	cps
Erbium	164-1	13	23	13	17	34.65	cps
Erbium	164-2	27	23	23	24	7.89	cps
Gadolinium	160-1	33	7	0	13	132.27	cps
Gadolinium	160-2	163	170	187	173	6.93	cps
Holmium	165-1	6312198	6599477	6502256	6471310	2.26	cps
Holmium	165-2	4380449	4288660	4303930	4324346	1.14	cps
Indium	115-1	4744035	4894708	4987389	4875377	2.52	cps
Indium	115-2	1551955	1506208	1506557	1521573	1.73	cps
Iron	56-2	3998080	3958319	3932619	3963006	0.83	cps
Iron	57-2	104443	104121	105349	104637	0.61	cps
Iron	54-2	237026	235652	236103	236260	0.30	cps
Krypton	83-1	120	80	93	98	20.83	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICV014	Instrumnet Name :	P7
Client Sample ID :	ICV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:56:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	965712	992464	997304	985160	1.73	cps
Lead	207-1	821778	852472	850252	841501	2.03	cps
Lead	208-1	4042042	4158560	4178815	4126472	1.79	cps
Lithium	6-1	1037144	1056004	1072615	1055254	1.68	cps
Magnesium	24-2	269457	268685	268414	268852	0.20	cps
Manganese	55-2	174721	175925	175281	175309	0.34	cps
Molybdenum	94-1	917	877	1020	938	7.89	cps
Molybdenum	95-1	253	227	250	243	5.97	cps
Molybdenum	96-1	523	430	527	493	11.12	cps
Molybdenum	97-1	163	180	170	171	4.90	cps
Molybdenum	98-1	423	397	450	423	6.30	cps
Neodymium	150-1	10	23	20	18	39.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	89941	89485	89404	89610	0.32	cps
Phosphorus	31-2	123	127	133	128	3.99	cps
Potassium	39-2	582418	577132	582112	580554	0.51	cps
Rhodium	103-1	4254592	4395531	4350248	4333457	1.66	cps
Rhodium	103-2	2502724	2430947	2446106	2459926	1.54	cps
Scandium	45-1	2537781	2599373	2612588	2583247	1.55	cps
Scandium	45-2	219408	212237	215683	215776	1.66	cps
Selenium	82-1	19198	19715	19806	19573	1.68	cps
Selenium	77-2	1727	1683	1717	1709	1.33	cps
Selenium	78-2	6128	5948	5825	5967	2.56	cps
Silicon	28-1	161268	166135	166192	164532	1.72	cps
Silver	107-1	367466	386958	386882	380435	2.95	cps
Silver	109-1	354929	366535	371953	364472	2.39	cps
Sodium	23-2	754206	753332	752453	753330	0.12	cps
Strontium	86-1	830	870	840	847	2.46	cps
Strontium	88-1	5408	5661	5351	5473	3.02	cps
Sulfur	34-1	149217	151697	151364	150759	0.89	cps
Terbium	159-1	6659301	6739384	6687391	6695359	0.61	cps
Terbium	159-2	4321940	4171648	4232542	4242043	1.78	cps
Thallium	203-1	1180972	1212478	1222807	1205419	1.81	cps
Thallium	205-1	3107679	3227017	3227960	3187552	2.17	cps
Tin	118-1	893	1083	970	982	9.73	cps
Titanium	47-1	230	150	153	178	25.46	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICV014	Instrumnet Name :	P7
Client Sample ID :	ICV014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:56:07	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	87	73	72	20.81	cps
Vanadium	51-2	198879	197944	200020	198948	0.52	cps
Yttrium	89-1	7713014	8052161	8041076	7935417	2.43	cps
Yttrium	89-2	1976798	1917892	1883816	1926169	2.44	cps
Zinc	66-2	80096	79580	79319	79665	0.50	cps
Zirconium	90-1	2167	1983	2057	2069	4.46	cps
Zirconium	91-1	550	570	667	596	10.48	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICB014	Instrumnet Name :	P7
Client Sample ID :	ICB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:59:40	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	103	87	102	14.70	cps
Antimony	121-1	890	967	1220	1026	16.84	cps
Arsenic	75-2	10	13	13	12	15.73	cps
Barium	135-1	60	37	80	59	36.83	cps
Barium	137-1	73	57	77	69	15.55	cps
Beryllium	9-1	197	153	160	170	13.72	cps
Bismuth	209-1	4212161	4188623	4157925	4186237	0.65	cps
Bismuth	209-2	3147898	3265215	3237806	3216973	1.91	cps
Bromine	81-1	8172	8122	8259	8185	0.85	cps
Bromine	81-2	63	57	57	59	6.53	cps
Cadmium	108-1	27	3	7	12	103.26	cps
Cadmium	106-1	2270	1960	1990	2074	8.25	cps
Cadmium	111-1	1584	1396	1408	1463	7.17	cps
Calcium	43-1	297	247	213	252	16.63	cps
Calcium	44-1	4297	4504	4394	4398	2.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327	403	297	342	16.07	cps
Cobalt	59-2	77	60	73	70	12.60	cps
Copper	63-2	567	550	560	559	1.50	cps
Dysprosium	156-1	153	207	130	163	24.06	cps
Dysprosium	156-2	37	10	30	26	54.31	cps
Erbium	164-1	27	20	40	29	35.25	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	17	7	33	19	71.30	cps
Gadolinium	160-2	180	227	173	193	15.03	cps
Holmium	165-1	6510300	6482640	6551553	6514831	0.53	cps
Holmium	165-2	4233416	4416821	4344420	4331552	2.13	cps
Indium	115-1	4893424	4889791	4895863	4893026	0.06	cps
Indium	115-2	1499102	1584070	1590875	1558016	3.28	cps
Iron	56-2	8199	8459	8696	8451	2.94	cps
Iron	57-2	740	760	750	750	1.33	cps
Iron	54-2	1153	1320	1143	1206	8.23	cps
Krypton	83-1	117	130	83	110	21.85	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICB014	Instrumnet Name :	P7
Client Sample ID :	ICB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:59:40	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	703	673	623	667	6.06	cps
Lead	207-1	527	567	497	530	6.63	cps
Lead	208-1	2529	2515	2358	2467	3.84	cps
Lithium	6-1	1073978	1080965	1076830	1077258	0.33	cps
Magnesium	24-2	1073	1257	1107	1146	8.53	cps
Manganese	55-2	263	233	250	249	6.04	cps
Molybdenum	94-1	447	413	440	433	4.07	cps
Molybdenum	95-1	113	157	160	143	18.16	cps
Molybdenum	96-1	240	187	227	218	12.74	cps
Molybdenum	97-1	87	93	110	97	12.43	cps
Molybdenum	98-1	243	247	223	238	5.31	cps
Neodymium	150-1	3	7	0	3	100.05	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	63	53	60	59	8.65	cps
Phosphorus	31-2	127	93	127	116	16.66	cps
Potassium	39-2	38615	38756	38148	38506	0.83	cps
Rhodium	103-1	4372863	4455956	4442271	4423697	1.01	cps
Rhodium	103-2	2464879	2513795	2464055	2480910	1.15	cps
Scandium	45-1	2626532	2634632	2654322	2638495	0.54	cps
Scandium	45-2	213542	217849	219460	216950	1.41	cps
Selenium	82-1	173	113	190	159	25.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	177	123	157	152	17.70	cps
Silicon	28-1	160668	162373	164568	162536	1.20	cps
Silver	107-1	273	253	190	239	18.21	cps
Silver	109-1	290	200	197	229	23.14	cps
Sodium	23-2	17630	17790	17694	17705	0.46	cps
Strontium	86-1	287	257	303	282	8.38	cps
Strontium	88-1	1050	940	920	970	7.22	cps
Sulfur	34-1	155768	154360	154832	154987	0.46	cps
Terbium	159-1	6680988	6835954	6685851	6734265	1.31	cps
Terbium	159-2	4154317	4305153	4263055	4240842	1.84	cps
Thallium	203-1	407	323	253	328	23.42	cps
Thallium	205-1	921	828	645	798	17.62	cps
Tin	118-1	767	857	910	844	8.58	cps
Titanium	47-1	73	57	67	66	12.79	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICB014	Instrumnet Name :	P7
Client Sample ID :	ICB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 17:59:40	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	47	57	47	21.43	cps
Vanadium	51-2	10	10	17	12	31.50	cps
Yttrium	89-1	8124835	8075228	7929097	8043053	1.27	cps
Yttrium	89-2	1922930	1962826	1931428	1939061	1.08	cps
Zinc	66-2	247	267	230	248	7.41	cps
Zirconium	90-1	880	860	850	863	1.77	cps
Zirconium	91-1	240	137	213	197	27.28	cps

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On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSA014	Instrumnet Name :	P7
Client Sample ID :	ICSA014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:03:01	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12138296	12214828	12293104	12215409	0.63	cps
Antimony	121-1	7746	7745	7856	7782	0.82	cps
Arsenic	75-2	117	113	110	113	2.94	cps
Barium	135-1	2660	2517	2500	2559	3.44	cps
Barium	137-1	4121	4397	4594	4371	5.44	cps
Beryllium	9-1	363	497	470	443	15.91	cps
Bismuth	209-1	3916256	4082836	4095531	4031541	2.48	cps
Bismuth	209-2	2965602	2987022	3008104	2986909	0.71	cps
Bromine	81-1	8386	8523	8656	8521	1.59	cps
Bromine	81-2	210	153	193	186	15.69	cps
Cadmium	108-1	1007	883	763	884	13.76	cps
Cadmium	106-1	2017	2137	2074	2076	2.89	cps
Cadmium	111-1	1844	2061	2064	1989	6.34	cps
Calcium	43-1	1658904	1689878	1673047	1673943	0.93	cps
Calcium	44-1	26796049	26651403	26865075	26770842	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46247	44288	44161	44899	2.60	cps
Cobalt	59-2	4111	4364	4187	4221	3.08	cps
Copper	63-2	18512	18548	17914	18325	1.94	cps
Dysprosium	156-1	107	153	160	140	20.76	cps
Dysprosium	156-2	23	43	27	31	34.44	cps
Erbium	164-1	40	60	60	53	21.65	cps
Erbium	164-2	43	40	27	37	24.04	cps
Gadolinium	160-1	30	30	43	34	22.34	cps
Gadolinium	160-2	167	177	173	172	2.96	cps
Holmium	165-1	6439291	6702017	6797294	6646200	2.79	cps
Holmium	165-2	4380391	4291882	4379610	4350628	1.17	cps
Indium	115-1	4597599	4833506	4852222	4761109	2.98	cps
Indium	115-2	1441283	1437299	1441563	1440048	0.17	cps
Iron	56-2	197011144	195531270	197132510	196558308	0.45	cps
Iron	57-2	4819292	4924637	4906251	4883393	1.15	cps
Iron	54-2	10746707	10821722	10755059	10774496	0.38	cps
Krypton	83-1	117	123	120	120	2.78	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSA014	Instrumnet Name :	P7
Client Sample ID :	ICSA014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:03:01	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23540	23514	23891	23648	0.89	cps
Lead	207-1	19120	19043	19427	19197	1.06	cps
Lead	208-1	77647	77319	78688	77885	0.92	cps
Lithium	6-1	1017156	1055845	1057998	1043666	2.20	cps
Magnesium	24-2	21201170	21298467	21329022	21276220	0.31	cps
Manganese	55-2	13907	13903	13743	13851	0.67	cps
Molybdenum	94-1	3501237	3512745	3558322	3524101	0.86	cps
Molybdenum	95-1	6053794	6132482	6162345	6116207	0.92	cps
Molybdenum	96-1	6552819	6539197	6643003	6578340	0.86	cps
Molybdenum	97-1	3852930	3808322	3900525	3853926	1.20	cps
Molybdenum	98-1	10031461	10002636	10134272	10056123	0.69	cps
Neodymium	150-1	33	33	30	32	5.97	cps
Neodymium	150-2	17	17	13	16	12.40	cps
Nickel	60-2	4424	4384	4607	4472	2.66	cps
Phosphorus	31-2	658354	662412	659506	660090	0.32	cps
Potassium	39-2	25565043	25547944	25672819	25595269	0.26	cps
Rhodium	103-1	3994453	4136532	4103758	4078247	1.82	cps
Rhodium	103-2	2259514	2231043	2248427	2246328	0.64	cps
Scandium	45-1	2473709	2564352	2563679	2533913	2.06	cps
Scandium	45-2	207286	206548	206750	206861	0.18	cps
Selenium	82-1	136	133	211	160	27.37	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	160	113	103	126	24.09	cps
Silicon	28-1	228814	232898	234296	232002	1.23	cps
Silver	107-1	877	810	760	816	7.18	cps
Silver	109-1	827	760	690	759	9.01	cps
Sodium	23-2	35402013	35591868	35656779	35550220	0.37	cps
Strontium	86-1	69540	69761	70799	70033	0.96	cps
Strontium	88-1	609449	615311	616174	613645	0.60	cps
Sulfur	34-1	2621865	2588933	2596360	2602386	0.66	cps
Terbium	159-1	6519844	6825289	6949668	6764934	3.27	cps
Terbium	159-2	4252371	4204076	4171874	4209440	0.96	cps
Thallium	203-1	1210	1470	1550	1410	12.61	cps
Thallium	205-1	1481	1970	2698	2050	29.87	cps
Tin	118-1	1610	1847	1790	1749	7.07	cps
Titanium	47-1	1547990	1534178	1527567	1536578	0.68	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSA014	Instrumnet Name :	P7
Client Sample ID :	ICSA014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:03:01	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	390	420	377	396	5.61	cps
Vanadium	51-2	360	337	420	372	11.55	cps
Yttrium	89-1	7707031	8065105	8019378	7930505	2.46	cps
Yttrium	89-2	1871188	1857819	1856178	1861728	0.44	cps
Zinc	66-2	4434	4591	4677	4567	2.70	cps
Zirconium	90-1	1160	1493	1590	1415	15.95	cps
Zirconium	91-1	263	283	397	314	22.87	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSAB014	Instrumnet Name :	P7
Client Sample ID :	ICSAB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:09:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11406382	11554110	11562540	11507677	0.76	cps
Antimony	121-1	129059	130882	131969	130637	1.13	cps
Arsenic	75-2	5491	5698	5604	5598	1.85	cps
Barium	135-1	34522	35137	34866	34841	0.88	cps
Barium	137-1	59848	61800	60960	60869	1.61	cps
Beryllium	9-1	23401	23338	23898	23546	1.30	cps
Bismuth	209-1	4014010	4003438	4010014	4009154	0.13	cps
Bismuth	209-2	3155890	3061799	3025399	3081029	2.19	cps
Bromine	81-1	8749	9223	9166	9046	2.86	cps
Bromine	81-2	197	203	247	216	12.59	cps
Cadmium	108-1	2650	2837	2874	2787	4.30	cps
Cadmium	106-1	4507	4804	4627	4646	3.21	cps
Cadmium	111-1	30793	31916	32351	31687	2.54	cps
Calcium	43-1	1574706	1585463	1616274	1592148	1.36	cps
Calcium	44-1	25265995	25301361	25563145	25376834	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84817	85524	85212	85184	0.42	cps
Cobalt	59-2	67588	67126	68036	67583	0.67	cps
Copper	63-2	59705	60120	60649	60158	0.79	cps
Dysprosium	156-1	73	130	117	107	27.78	cps
Dysprosium	156-2	47	27	7	27	74.99	cps
Erbium	164-1	40	47	50	46	11.18	cps
Erbium	164-2	20	30	23	24	20.83	cps
Gadolinium	160-1	43	43	33	40	14.43	cps
Gadolinium	160-2	237	247	227	237	4.23	cps
Holmium	165-1	6600640	6786523	6794491	6727218	1.63	cps
Holmium	165-2	4601122	4433444	4445606	4493391	2.08	cps
Indium	115-1	4785419	4808181	4827295	4806965	0.44	cps
Indium	115-2	1578191	1478382	1479440	1512004	3.79	cps
Iron	56-2	184613651	185714057	184621591	184983099	0.34	cps
Iron	57-2	4632156	4634609	4634073	4633613	0.03	cps
Iron	54-2	10096503	10088288	10128815	10104535	0.21	cps
Krypton	83-1	117	83	97	99	16.97	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSAB014	Instrumnet Name :	P7
Client Sample ID :	ICSAB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:09:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115321	116837	118216	116792	1.24	cps
Lead	207-1	97043	98353	98396	97931	0.79	cps
Lead	208-1	434195	442613	443951	440253	1.20	cps
Lithium	6-1	1028171	1038121	1034690	1033660	0.49	cps
Magnesium	24-2	19765354	20117395	20145608	20009452	1.06	cps
Manganese	55-2	44536	45412	45736	45228	1.37	cps
Molybdenum	94-1	3260425	3392290	3367886	3340201	2.10	cps
Molybdenum	95-1	5790489	5883551	5888435	5854158	0.94	cps
Molybdenum	96-1	6131687	6267431	6314927	6238015	1.52	cps
Molybdenum	97-1	3596870	3705239	3706010	3669373	1.71	cps
Molybdenum	98-1	9286870	9562484	9577784	9475713	1.73	cps
Neodymium	150-1	40	47	37	41	12.39	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	20254	20040	20154	20149	0.53	cps
Phosphorus	31-2	617440	623425	620196	620354	0.48	cps
Potassium	39-2	24066070	24077432	24221540	24121681	0.36	cps
Rhodium	103-1	4146077	4199150	4182658	4175961	0.65	cps
Rhodium	103-2	2413473	2315607	2292254	2340444	2.75	cps
Scandium	45-1	2592352	2610023	2569116	2590497	0.79	cps
Scandium	45-2	220962	211903	210983	214616	2.57	cps
Selenium	82-1	1955	2012	1986	1984	1.43	cps
Selenium	77-2	157	210	143	170	20.75	cps
Selenium	78-2	530	663	637	610	11.57	cps
Silicon	28-1	228337	233015	236163	232505	1.69	cps
Silver	107-1	135354	138398	139162	137638	1.46	cps
Silver	109-1	129751	132058	134403	132071	1.76	cps
Sodium	23-2	33464691	33896178	33590088	33650319	0.66	cps
Strontium	86-1	65327	66871	67423	66541	1.63	cps
Strontium	88-1	573634	586532	591614	583927	1.59	cps
Sulfur	34-1	2414974	2436692	2438546	2430071	0.54	cps
Terbium	159-1	6859801	6952090	6916658	6909516	0.67	cps
Terbium	159-2	4525032	4313340	4320850	4386407	2.74	cps
Thallium	203-1	118222	119308	120511	119347	0.96	cps
Thallium	205-1	278761	284509	286722	283331	1.45	cps
Tin	118-1	1493	1520	1570	1528	2.55	cps
Titanium	47-1	1440510	1429174	1448272	1439319	0.67	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	ICSAB014	Instrumnet Name :	P7
Client Sample ID :	ICSAB014	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:09:30	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	373	300	333	336	10.94	cps
Vanadium	51-2	37807	38128	38512	38149	0.93	cps
Yttrium	89-1	8017177	8085449	8103447	8068691	0.56	cps
Yttrium	89-2	1997354	1901551	1910299	1936401	2.74	cps
Zinc	66-2	11511	11721	11808	11680	1.31	cps
Zirconium	90-1	770	880	850	833	6.82	cps
Zirconium	91-1	197	213	203	204	4.10	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:18:08	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6261366	6328870	6328012	6306083	0.61	cps
Antimony	121-1	3193247	3175067	3198383	3188899	0.38	cps
Arsenic	75-2	134859	134459	134990	134769	0.21	cps
Barium	135-1	4392133	4419292	4469426	4426950	0.89	cps
Barium	137-1	7523259	7495106	7622404	7546923	0.89	cps
Beryllium	9-1	573817	582625	583168	579870	0.91	cps
Bismuth	209-1	3892364	3804392	3893634	3863463	1.32	cps
Bismuth	209-2	2844605	2814095	2791555	2816752	0.95	cps
Bromine	81-1	8106	7926	7812	7948	1.86	cps
Bromine	81-2	53	50	43	49	10.42	cps
Cadmium	108-1	55164	54465	55927	55186	1.32	cps
Cadmium	106-1	80377	80930	79801	80369	0.70	cps
Cadmium	111-1	731973	738753	738559	736428	0.52	cps
Calcium	43-1	4144349	4219089	4243646	4202361	1.23	cps
Calcium	44-1	65533284	65972224	67417967	66307825	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1066986	1077618	1075928	1073510	0.53	cps
Cobalt	59-2	1593955	1591952	1597041	1594316	0.16	cps
Copper	63-2	10972747	10920701	11014303	10969250	0.43	cps
Dysprosium	156-1	280	367	313	320	13.66	cps
Dysprosium	156-2	307	307	353	322	8.36	cps
Erbium	164-1	153	167	133	151	11.10	cps
Erbium	164-2	100	107	117	108	7.78	cps
Gadolinium	160-1	123	153	170	149	15.88	cps
Gadolinium	160-2	263	297	283	281	5.97	cps
Holmium	165-1	6621209	6557481	6441102	6539931	1.40	cps
Holmium	165-2	4247484	4167496	4202762	4205914	0.95	cps
Indium	115-1	4620865	4542363	4502205	4555144	1.32	cps
Indium	115-2	1374214	1357214	1374460	1368630	0.72	cps
Iron	56-2	235373843	234118237	234564217	234685432	0.27	cps
Iron	57-2	5833069	5917345	5851914	5867443	0.75	cps
Iron	54-2	12907150	12846633	12781293	12845025	0.49	cps
Krypton	83-1	103	147	137	129	17.61	cps

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On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:18:08	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12800674	13030328	13076660	12969221	1.14	cps
Lead	207-1	11362504	11594254	11725638	11560799	1.59	cps
Lead	208-1	47478495	48344894	48862230	48228539	1.45	cps
Lithium	6-1	994575	996770	996764	996036	0.13	cps
Magnesium	24-2	51024861	51180781	51518376	51241339	0.49	cps
Manganese	55-2	8193369	8148656	8130408	8157478	0.40	cps
Molybdenum	94-1	11162090	11241033	11317135	11240086	0.69	cps
Molybdenum	95-1	16029715	16184453	16328980	16181049	0.92	cps
Molybdenum	96-1	17318796	17591218	17874374	17594796	1.58	cps
Molybdenum	97-1	10042946	10207903	10160603	10137151	0.84	cps
Molybdenum	98-1	26150293	26437162	26666631	26418029	0.98	cps
Neodymium	150-1	403	397	443	414	6.09	cps
Neodymium	150-2	120	113	113	116	3.33	cps
Nickel	60-2	386209	386585	384097	385630	0.35	cps
Phosphorus	31-2	63330	63099	64006	63479	0.74	cps
Potassium	39-2	31225310	31572075	31537546	31444977	0.61	cps
Rhodium	103-1	4020805	3881743	3900832	3934460	1.92	cps
Rhodium	103-2	2147923	2128495	2144841	2140420	0.49	cps
Scandium	45-1	2566762	2474312	2522688	2521254	1.83	cps
Scandium	45-2	204699	202139	203402	203413	0.63	cps
Selenium	82-1	42995	43423	43963	43460	1.12	cps
Selenium	77-2	3914	3951	3767	3877	2.50	cps
Selenium	78-2	13089	12936	12822	12949	1.03	cps
Silicon	28-1	8641856	8784841	8739406	8722034	0.84	cps
Silver	107-1	3652830	3656017	3671089	3659979	0.27	cps
Silver	109-1	3426876	3478232	3460491	3455199	0.75	cps
Sodium	23-2	86338769	87465992	87309865	87038209	0.70	cps
Strontium	86-1	25036670	25176070	25046149	25086296	0.31	cps
Strontium	88-1	217982110	221836137	222277663	220698637	1.07	cps
Sulfur	34-1	379990	378059	379374	379141	0.26	cps
Terbium	159-1	6738314	6607758	6615569	6653880	1.10	cps
Terbium	159-2	4126340	4066704	4123485	4105510	0.82	cps
Thallium	203-1	3237081	3321914	3228460	3262485	1.58	cps
Thallium	205-1	7295132	7466484	7282957	7348191	1.40	cps
Tin	118-1	2701348	2750650	2716120	2722706	0.93	cps
Titanium	47-1	3858003	3896979	3859122	3871368	0.57	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P7
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:18:08	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10980357	11400541	11314913	11231937	1.98	cps
Vanadium	51-2	979221	984229	981614	981688	0.26	cps
Yttrium	89-1	7980872	7838083	7685594	7834850	1.88	cps
Yttrium	89-2	1815294	1818650	1838160	1824035	0.68	cps
Zinc	66-2	1839992	1831834	1820970	1830932	0.52	cps
Zirconium	90-1	5348059	5335106	5342900	5342022	0.12	cps
Zirconium	91-1	1184857	1183190	1189388	1185812	0.27	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:20:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	447	457	403	436	6.51	cps
Antimony	121-1	3304	3234	3474	3337	3.70	cps
Arsenic	75-2	20	20	20	20	0.00	cps
Barium	135-1	273	240	180	231	20.47	cps
Barium	137-1	527	453	270	417	31.73	cps
Beryllium	9-1	240	170	217	209	17.06	cps
Bismuth	209-1	4236491	4230081	4272287	4246286	0.54	cps
Bismuth	209-2	3196473	3171645	3173538	3180552	0.43	cps
Bromine	81-1	7702	7735	7519	7652	1.53	cps
Bromine	81-2	50	33	43	42	19.87	cps
Cadmium	108-1	30	17	17	21	36.45	cps
Cadmium	106-1	2240	2137	2007	2128	5.50	cps
Cadmium	111-1	1624	1574	1456	1551	5.54	cps
Calcium	43-1	590	413	363	456	26.14	cps
Calcium	44-1	8276	7415	6205	7299	14.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	387	350	387	374	5.65	cps
Cobalt	59-2	137	117	140	131	9.62	cps
Copper	63-2	1077	1113	1100	1097	1.69	cps
Dysprosium	156-1	63	90	90	81	18.98	cps
Dysprosium	156-2	20	10	33	21	55.45	cps
Erbium	164-1	23	13	33	23	42.86	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	27	20	10	19	44.42	cps
Gadolinium	160-2	223	167	200	197	14.48	cps
Holmium	165-1	6535769	6575210	6646544	6585841	0.85	cps
Holmium	165-2	4299907	4309687	4251564	4287053	0.73	cps
Indium	115-1	4866362	4934716	4892748	4897942	0.70	cps
Indium	115-2	1499864	1510614	1498358	1502945	0.44	cps
Iron	56-2	17080	16920	17036	17012	0.49	cps
Iron	57-2	953	963	953	957	0.60	cps
Iron	54-2	1480	1653	1500	1545	6.14	cps
Krypton	83-1	127	103	93	108	15.87	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:20:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1613	1400	1263	1426	12.37	cps
Lead	207-1	1633	1350	1027	1337	22.71	cps
Lead	208-1	6404	5487	4521	5470	17.22	cps
Lithium	6-1	1046889	1076043	1066626	1063186	1.40	cps
Magnesium	24-2	2790	2677	2670	2712	2.49	cps
Manganese	55-2	443	460	480	461	3.98	cps
Molybdenum	94-1	2517	1867	1850	2078	18.30	cps
Molybdenum	95-1	1553	1360	1173	1362	13.95	cps
Molybdenum	96-1	1947	1820	1527	1765	12.21	cps
Molybdenum	97-1	1080	913	780	924	16.26	cps
Molybdenum	98-1	2830	2424	2094	2449	15.07	cps
Neodymium	150-1	3	0	0	1	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	67	67	67	67	0.00	cps
Phosphorus	31-2	150	97	117	121	22.24	cps
Potassium	39-2	38365	38866	38335	38522	0.77	cps
Rhodium	103-1	4362494	4355897	4404795	4374395	0.61	cps
Rhodium	103-2	2392506	2442211	2405928	2413549	1.07	cps
Scandium	45-1	2557821	2574946	2613415	2582061	1.10	cps
Scandium	45-2	209760	209892	209919	209857	0.04	cps
Selenium	82-1	105	144	155	135	19.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	140	163	140	148	9.12	cps
Silicon	28-1	161406	159385	159937	160243	0.65	cps
Silver	107-1	763	603	447	604	26.20	cps
Silver	109-1	603	510	373	496	23.34	cps
Sodium	23-2	28547	28320	27278	28048	2.41	cps
Strontium	86-1	1717	1370	1030	1372	25.02	cps
Strontium	88-1	14674	10851	8156	11227	29.18	cps
Sulfur	34-1	141215	141016	141976	141403	0.36	cps
Terbium	159-1	6727236	6747703	6752284	6742408	0.20	cps
Terbium	159-2	4159199	4226308	4246456	4210655	1.09	cps
Thallium	203-1	723	580	507	603	18.27	cps
Thallium	205-1	1754	1478	1407	1547	11.85	cps
Tin	118-1	1120	1400	1323	1281	11.30	cps
Titanium	47-1	397	347	307	350	12.88	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P7
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:20:56	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	717	693	420	610	27.04	cps
Vanadium	51-2	33	57	27	39	40.51	cps
Yttrium	89-1	7934656	8108289	8042852	8028599	1.09	cps
Yttrium	89-2	1907861	1889516	1874664	1890680	0.88	cps
Zinc	66-2	247	187	233	222	14.18	cps
Zirconium	90-1	3977	3200	2794	3324	18.09	cps
Zirconium	91-1	850	753	630	744	14.81	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:24:17	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	147	113	138	15.56	cps
Antimony	121-1	700	733	770	734	4.77	cps
Arsenic	75-2	3	7	3	4	43.40	cps
Barium	135-1	73	73	57	68	14.19	cps
Barium	137-1	110	120	87	106	16.20	cps
Beryllium	9-1	117	120	97	111	11.36	cps
Bismuth	209-1	4219154	4212848	3822145	4084716	5.57	cps
Bismuth	209-2	3133704	3168752	3297495	3199984	2.70	cps
Bromine	81-1	7529	7555	7629	7571	0.68	cps
Bromine	81-2	20	33	13	22	45.83	cps
Cadmium	108-1	3	10	7	7	50.03	cps
Cadmium	106-1	2230	2013	1847	2030	9.47	cps
Cadmium	111-1	1572	1429	1301	1434	9.44	cps
Calcium	43-1	260	200	277	246	16.42	cps
Calcium	44-1	4624	4307	4151	4361	5.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327	320	340	329	3.10	cps
Cobalt	59-2	37	70	37	48	40.27	cps
Copper	63-2	657	597	707	653	8.43	cps
Dysprosium	156-1	83	77	90	83	8.00	cps
Dysprosium	156-2	0	33	13	16	107.86	cps
Erbium	164-1	13	27	17	19	36.75	cps
Erbium	164-2	7	10	23	13	66.12	cps
Gadolinium	160-1	20	17	7	14	48.02	cps
Gadolinium	160-2	207	150	180	179	15.85	cps
Holmium	165-1	6646105	6503914	5977375	6375798	5.53	cps
Holmium	165-2	4322650	4167991	4436761	4309134	3.13	cps
Indium	115-1	4938935	4951646	4483209	4791263	5.57	cps
Indium	115-2	1513776	1473117	1535977	1507623	2.11	cps
Iron	56-2	9570	9430	9033	9344	2.98	cps
Iron	57-2	793	693	607	698	13.39	cps
Iron	54-2	1360	1247	1190	1266	6.84	cps
Krypton	83-1	100	117	97	104	10.26	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:24:17	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	700	717	640	686	5.88	cps
Lead	207-1	580	603	493	559	10.37	cps
Lead	208-1	2676	2731	2446	2618	5.77	cps
Lithium	6-1	1046947	1060342	981372	1029554	4.10	cps
Magnesium	24-2	1297	1257	1397	1317	5.48	cps
Manganese	55-2	250	217	227	231	7.40	cps
Molybdenum	94-1	687	597	653	646	7.05	cps
Molybdenum	95-1	273	333	267	291	12.61	cps
Molybdenum	96-1	443	443	453	447	1.29	cps
Molybdenum	97-1	173	217	147	179	19.75	cps
Molybdenum	98-1	620	487	500	536	13.71	cps
Neodymium	150-1	0	13	3	6	124.93	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	77	80	73	12.03	cps
Phosphorus	31-2	120	157	93	123	25.78	cps
Potassium	39-2	36945	36176	36233	36451	1.17	cps
Rhodium	103-1	4408620	4387004	3999821	4265148	5.39	cps
Rhodium	103-2	2433755	2377014	2452633	2421134	1.63	cps
Scandium	45-1	2610836	2579431	2338334	2509534	5.94	cps
Scandium	45-2	210120	205805	215571	210499	2.32	cps
Selenium	82-1	153	144	144	147	3.59	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	143	103	147	131	18.40	cps
Silicon	28-1	155650	158000	156856	156835	0.75	cps
Silver	107-1	170	193	187	183	6.56	cps
Silver	109-1	147	127	143	139	7.72	cps
Sodium	23-2	20110	19125	18812	19349	3.50	cps
Strontium	86-1	483	370	340	398	19.01	cps
Strontium	88-1	2187	1960	1530	1892	17.63	cps
Sulfur	34-1	145400	143341	143621	144121	0.78	cps
Terbium	159-1	6732587	6815093	6095127	6547602	6.02	cps
Terbium	159-2	4214122	4146581	4216488	4192397	0.95	cps
Thallium	203-1	327	333	240	300	17.36	cps
Thallium	205-1	682	749	637	690	8.21	cps
Tin	118-1	680	747	773	733	6.56	cps
Titanium	47-1	140	183	127	150	19.75	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:24:17	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	117	50	123	97	41.95	cps
Vanadium	51-2	17	20	13	17	20.01	cps
Yttrium	89-1	8032338	8038630	7315180	7795383	5.33	cps
Yttrium	89-2	1906108	1868834	1922139	1899027	1.44	cps
Zinc	66-2	127	140	107	124	13.48	cps
Zirconium	90-1	1323	1343	1413	1360	3.48	cps
Zirconium	91-1	320	307	260	296	10.66	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:28:06	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6948	7112	7168	7076	1.61	cps
Antimony	121-1	29013	29758	30462	29744	2.44	cps
Arsenic	75-2	727	663	677	689	4.85	cps
Barium	135-1	37189	37954	37880	37674	1.12	cps
Barium	137-1	63949	65898	66565	65471	2.08	cps
Beryllium	9-1	2740	2920	2877	2846	3.30	cps
Bismuth	209-1	4220902	4202359	4210559	4211273	0.22	cps
Bismuth	209-2	3140968	3148960	3168107	3152678	0.44	cps
Bromine	81-1	7389	7659	7585	7544	1.85	cps
Bromine	81-2	33	40	40	38	10.19	cps
Cadmium	108-1	187	177	193	186	4.52	cps
Cadmium	106-1	2547	2414	2474	2478	2.70	cps
Cadmium	111-1	3992	3853	3746	3864	3.19	cps
Calcium	43-1	19136	19970	19860	19655	2.31	cps
Calcium	44-1	313103	318104	320257	317154	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11171	11661	11278	11370	2.27	cps
Cobalt	59-2	8119	8026	8112	8086	0.64	cps
Copper	63-2	12038	12018	11935	11997	0.46	cps
Dysprosium	156-1	67	87	77	77	13.04	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	13	37	20	23	51.52	cps
Erbium	164-2	17	27	7	17	59.99	cps
Gadolinium	160-1	7	17	37	20	76.36	cps
Gadolinium	160-2	190	167	167	174	7.72	cps
Holmium	165-1	6609333	6645076	6575477	6609962	0.53	cps
Holmium	165-2	4279472	4302214	4303682	4295123	0.32	cps
Indium	115-1	4899630	4967500	4905042	4924057	0.77	cps
Indium	115-2	1518125	1503991	1506447	1509521	0.50	cps
Iron	56-2	966988	962487	967323	965599	0.28	cps
Iron	57-2	24326	24664	24787	24592	0.97	cps
Iron	54-2	54130	54036	54013	54060	0.11	cps
Krypton	83-1	113	93	107	104	9.75	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:28:06	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11445	11802	12089	11779	2.74	cps
Lead	207-1	10404	10461	10471	10445	0.34	cps
Lead	208-1	45964	46305	46979	46416	1.11	cps
Lithium	6-1	1058370	1051543	1083979	1064630	1.61	cps
Magnesium	24-2	268898	268870	268383	268717	0.11	cps
Manganese	55-2	4384	4417	4364	4388	0.61	cps
Molybdenum	94-1	30131	30144	29483	29920	1.26	cps
Molybdenum	95-1	34882	35319	35059	35086	0.63	cps
Molybdenum	96-1	39125	39446	39918	39496	1.01	cps
Molybdenum	97-1	22140	22150	22310	22200	0.43	cps
Molybdenum	98-1	56596	58312	57322	57410	1.50	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2057	2010	2003	2023	1.44	cps
Phosphorus	31-2	127	130	120	126	4.06	cps
Potassium	39-2	349885	350296	351694	350625	0.27	cps
Rhodium	103-1	4476835	4480344	4439288	4465489	0.51	cps
Rhodium	103-2	2446299	2415490	2450247	2437346	0.78	cps
Scandium	45-1	2558116	2603030	2611201	2590782	1.10	cps
Scandium	45-2	211923	212228	213123	212425	0.29	cps
Selenium	82-1	1246	1331	1272	1283	3.41	cps
Selenium	77-2	150	113	113	126	16.86	cps
Selenium	78-2	440	450	437	442	1.57	cps
Silicon	28-1	228891	233033	236846	232924	1.71	cps
Silver	107-1	16893	17354	17377	17208	1.59	cps
Silver	109-1	16523	16149	16610	16427	1.49	cps
Sodium	23-2	437873	435464	433923	435753	0.46	cps
Strontium	86-1	4804	4944	5054	4934	2.54	cps
Strontium	88-1	40582	41876	40706	41055	1.74	cps
Sulfur	34-1	150553	151074	149612	150413	0.49	cps
Terbium	159-1	6725734	6723349	6754969	6734684	0.26	cps
Terbium	159-2	4219023	4163218	4261891	4214710	1.17	cps
Thallium	203-1	13757	13634	13864	13751	0.84	cps
Thallium	205-1	33032	33361	33052	33149	0.56	cps
Tin	118-1	640	657	800	699	12.59	cps
Titanium	47-1	8636	9320	9223	9059	4.08	cps

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On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:28:06	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42732	44792	44538	44020	2.55	cps
Vanadium	51-2	22921	22941	23158	23007	0.57	cps
Yttrium	89-1	8063132	8110685	8080102	8084640	0.30	cps
Yttrium	89-2	1919560	1909809	1903285	1910885	0.43	cps
Zinc	66-2	4898	4878	5014	4930	1.50	cps
Zirconium	90-1	25629	25826	26751	26069	2.30	cps
Zirconium	91-1	5811	5624	5725	5720	1.63	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:31:28	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2820	2904	2860	2861	1.46	cps
Antimony	121-1	13516	14050	14060	13876	2.24	cps
Arsenic	75-2	300	290	280	290	3.45	cps
Barium	135-1	16937	17130	16833	16967	0.89	cps
Barium	137-1	30336	29724	30606	30222	1.49	cps
Beryllium	9-1	1263	1407	1437	1369	6.77	cps
Bismuth	209-1	4223254	4166958	4166125	4185446	0.78	cps
Bismuth	209-2	3120135	3154912	3129813	3134953	0.57	cps
Bromine	81-1	7515	7679	7815	7670	1.96	cps
Bromine	81-2	37	27	50	38	30.98	cps
Cadmium	108-1	67	57	27	50	41.63	cps
Cadmium	106-1	2357	1947	2157	2154	9.52	cps
Cadmium	111-1	1993	1690	1864	1849	8.23	cps
Calcium	43-1	8919	9053	9546	9173	3.60	cps
Calcium	44-1	148270	150016	151141	149809	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5151	5308	5294	5251	1.65	cps
Cobalt	59-2	4024	3797	3660	3827	4.80	cps
Copper	63-2	6035	5671	5688	5798	3.54	cps
Dysprosium	156-1	57	113	117	96	35.29	cps
Dysprosium	156-2	10	23	10	14	53.28	cps
Erbium	164-1	37	23	17	26	39.85	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	17	23	23	21	18.21	cps
Gadolinium	160-2	230	183	157	190	19.53	cps
Holmium	165-1	6605539	6674795	6578279	6619538	0.75	cps
Holmium	165-2	4241441	4319638	4257321	4272800	0.97	cps
Indium	115-1	4889890	4961300	4985269	4945486	1.00	cps
Indium	115-2	1506654	1513988	1504438	1508360	0.33	cps
Iron	56-2	449284	453970	450176	451143	0.55	cps
Iron	57-2	11988	12032	11615	11878	1.93	cps
Iron	54-2	25612	25919	25371	25634	1.07	cps
Krypton	83-1	70	93	90	84	14.94	cps

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:31:28	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5398	5611	5735	5581	3.05	cps
Lead	207-1	5008	4841	5014	4954	1.98	cps
Lead	208-1	21625	21964	22492	22027	1.98	cps
Lithium	6-1	1046814	1053374	1061471	1053886	0.70	cps
Magnesium	24-2	126024	126145	125184	125784	0.42	cps
Manganese	55-2	2010	2084	2013	2036	2.03	cps
Molybdenum	94-1	14013	14010	14290	14105	1.14	cps
Molybdenum	95-1	15996	16343	16159	16166	1.07	cps
Molybdenum	96-1	18138	18298	19079	18505	2.72	cps
Molybdenum	97-1	10140	10587	10571	10433	2.43	cps
Molybdenum	98-1	26244	26461	27299	26668	2.09	cps
Neodymium	150-1	3	7	0	3	100.05	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	980	1020	977	992	2.43	cps
Phosphorus	31-2	153	173	110	146	22.24	cps
Potassium	39-2	182307	182344	182995	182549	0.21	cps
Rhodium	103-1	4460974	4412006	4482818	4451933	0.81	cps
Rhodium	103-2	2449633	2441211	2405595	2432146	0.96	cps
Scandium	45-1	2611173	2639803	2625355	2625443	0.55	cps
Scandium	45-2	212056	213559	213442	213019	0.39	cps
Selenium	82-1	704	654	680	679	3.72	cps
Selenium	77-2	40	23	23	29	33.32	cps
Selenium	78-2	317	293	283	298	5.74	cps
Silicon	28-1	192569	193429	198611	194870	1.68	cps
Silver	107-1	7979	8072	8202	8085	1.39	cps
Silver	109-1	7515	7699	7956	7723	2.86	cps
Sodium	23-2	211000	210214	209643	210286	0.32	cps
Strontium	86-1	2484	2434	2350	2422	2.78	cps
Strontium	88-1	19129	19987	19643	19586	2.20	cps
Sulfur	34-1	151091	150479	153929	151833	1.21	cps
Terbium	159-1	6742746	6745149	6774385	6754093	0.26	cps
Terbium	159-2	4185543	4235622	4174146	4198437	0.78	cps
Thallium	203-1	6228	6725	6555	6503	3.88	cps
Thallium	205-1	15074	15526	15907	15502	2.69	cps
Tin	118-1	627	593	567	596	5.05	cps
Titanium	47-1	3984	4111	4397	4164	5.09	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:31:28	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20462	20159	20069	20230	1.02	cps
Vanadium	51-2	10577	10771	10711	10686	0.93	cps
Yttrium	89-1	8114092	8112869	8206068	8144343	0.66	cps
Yttrium	89-2	1904416	1894852	1897429	1898899	0.26	cps
Zinc	66-2	2317	2350	2370	2346	1.15	cps
Zirconium	90-1	12012	12622	12549	12394	2.69	cps
Zirconium	91-1	2704	2897	2790	2797	3.46	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-01	Instrumnet Name :	P7
Client Sample ID :	MYD567	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:34:47	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4611531	4619321	4647265	4626039	0.41	cps
Antimony	121-1	10791	10881	11008	10893	1.00	cps
Arsenic	75-2	19426	19339	19630	19465	0.77	cps
Barium	135-1	467361	480341	477178	474960	1.43	cps
Barium	137-1	810029	836438	835117	827195	1.80	cps
Beryllium	9-1	1633	1727	1723	1695	3.12	cps
Bismuth	209-1	4055947	4161900	4179944	4132597	1.62	cps
Bismuth	209-2	3155682	3173039	3224736	3184486	1.13	cps
Bromine	81-1	8059	8409	8289	8252	2.16	cps
Bromine	81-2	187	250	233	223	14.70	cps
Cadmium	108-1	187	183	190	187	1.78	cps
Cadmium	106-1	2567	2827	2590	2661	5.41	cps
Cadmium	111-1	2830	3184	2867	2960	6.58	cps
Calcium	43-1	240680	248163	247648	245497	1.70	cps
Calcium	44-1	3602624	3743486	3754535	3700215	2.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87569	87197	88226	87664	0.59	cps
Cobalt	59-2	125452	125549	125892	125631	0.18	cps
Copper	63-2	223497	223578	219912	222329	0.94	cps
Dysprosium	156-1	54760	56774	56791	56108	2.08	cps
Dysprosium	156-2	43594	43825	42414	43278	1.75	cps
Erbium	164-1	47350	48638	48035	48008	1.34	cps
Erbium	164-2	31746	31105	31552	31468	1.05	cps
Gadolinium	160-1	51518	53629	52762	52636	2.02	cps
Gadolinium	160-2	36464	36538	36284	36428	0.36	cps
Holmium	165-1	6590174	6708193	6684022	6660796	0.94	cps
Holmium	165-2	4431557	4411826	4463887	4435757	0.59	cps
Indium	115-1	4851416	4954905	4930770	4912364	1.10	cps
Indium	115-2	1538867	1540856	1542514	1540746	0.12	cps
Iron	56-2	167431958	168066038	167816878	167771624	0.19	cps
Iron	57-2	4159286	4117041	4110647	4128991	0.64	cps
Iron	54-2	9274377	9341086	9188834	9268099	0.82	cps
Krypton	83-1	210	173	220	201	12.22	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-01	Instrumnet Name :	P7
Client Sample ID :	MYD567	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:34:47	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	257559	261764	268183	262502	2.04	cps
Lead	207-1	231511	236881	240755	236383	1.96	cps
Lead	208-1	1014714	1039287	1052039	1035347	1.83	cps
Lithium	6-1	1090940	1093436	1086093	1090156	0.34	cps
Magnesium	24-2	3104433	3115872	3083912	3101406	0.52	cps
Manganese	55-2	2993964	2982526	2994722	2990404	0.23	cps
Molybdenum	94-1	40372	40897	41057	40776	0.88	cps
Molybdenum	95-1	4547	4677	4838	4687	3.10	cps
Molybdenum	96-1	13189	13466	13496	13384	1.26	cps
Molybdenum	97-1	2910	3040	3074	3008	2.87	cps
Molybdenum	98-1	6938	7555	7639	7377	5.19	cps
Neodymium	150-1	90283	93773	94806	92954	2.55	cps
Neodymium	150-2	51186	50557	50610	50784	0.69	cps
Nickel	60-2	33240	33080	32452	32924	1.27	cps
Phosphorus	31-2	17090	16389	16823	16767	2.11	cps
Potassium	39-2	2114561	2102293	2108218	2108357	0.29	cps
Rhodium	103-1	4350476	4438499	4453570	4414182	1.26	cps
Rhodium	103-2	2476652	2452598	2479758	2469669	0.60	cps
Scandium	45-1	2762846	2838311	2826414	2809190	1.44	cps
Scandium	45-2	232563	233559	235498	233873	0.64	cps
Selenium	82-1	213	217	259	230	11.05	cps
Selenium	77-2	100	137	130	122	15.98	cps
Selenium	78-2	293	190	220	234	22.68	cps
Silicon	28-1	11573003	11963177	12049728	11861969	2.14	cps
Silver	107-1	2567	2454	2264	2428	6.31	cps
Silver	109-1	2340	2067	2154	2187	6.39	cps
Sodium	23-2	89733	92133	94403	92090	2.54	cps
Strontium	86-1	133415	137555	139708	136893	2.34	cps
Strontium	88-1	1184743	1214133	1231226	1210034	1.94	cps
Sulfur	34-1	145623	142685	139687	142665	2.08	cps
Terbium	159-1	6683504	6791941	6836537	6770661	1.16	cps
Terbium	159-2	4329225	4362761	4384674	4358886	0.64	cps
Thallium	203-1	2030	2024	2337	2130	8.40	cps
Thallium	205-1	2291	2616	3152	2687	16.18	cps
Tin	118-1	15285	15428	15518	15411	0.76	cps
Titanium	47-1	1038645	1070451	1082296	1063797	2.12	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-01	Instrumnet Name :	P7
Client Sample ID :	MYD567	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:34:47	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19090	19498	19308	19299	1.06	cps
Vanadium	51-2	289316	286837	288952	288368	0.46	cps
Yttrium	89-1	8695519	8890328	8847340	8811062	1.16	cps
Yttrium	89-2	2124361	2133019	2153265	2136882	0.69	cps
Zinc	66-2	98878	99334	98230	98814	0.56	cps
Zirconium	90-1	100512	104914	105300	103576	2.57	cps
Zirconium	91-1	22364	23763	23365	23164	3.11	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-02	Instrumnet Name :	P7
Client Sample ID :	MYD568	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:38:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10018558	9914312	9992589	9975153	0.54	cps
Antimony	121-1	5685	5935	5765	5795	2.20	cps
Arsenic	75-2	9883	9920	9583	9796	1.89	cps
Barium	135-1	878302	887087	894778	886723	0.93	cps
Barium	137-1	1613241	1654934	1644848	1637674	1.33	cps
Beryllium	9-1	3300	3390	3204	3298	2.83	cps
Bismuth	209-1	4229331	4172182	4171786	4191100	0.79	cps
Bismuth	209-2	3187150	3141134	3162446	3163577	0.73	cps
Bromine	81-1	11208	10967	11221	11132	1.28	cps
Bromine	81-2	623	730	723	692	8.63	cps
Cadmium	108-1	257	223	277	252	10.68	cps
Cadmium	106-1	3030	2910	2974	2971	2.02	cps
Cadmium	111-1	2555	2598	2551	2568	1.00	cps
Calcium	43-1	396780	404497	406573	402617	1.28	cps
Calcium	44-1	5922974	6041561	6047288	6003941	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	183744	183805	183906	183819	0.04	cps
Cobalt	59-2	153634	152556	152357	152849	0.45	cps
Copper	63-2	254396	251126	250880	252134	0.78	cps
Dysprosium	156-1	93643	95079	95029	94583	0.86	cps
Dysprosium	156-2	71296	72033	71517	71616	0.53	cps
Erbium	164-1	76414	78660	80279	78451	2.47	cps
Erbium	164-2	50832	49919	50330	50360	0.91	cps
Gadolinium	160-1	88285	90778	90537	89867	1.53	cps
Gadolinium	160-2	59958	59924	59506	59796	0.42	cps
Holmium	165-1	6954068	6982834	6959139	6965347	0.22	cps
Holmium	165-2	4586672	4423188	4491052	4500304	1.83	cps
Indium	115-1	4956663	5050222	4979613	4995500	0.98	cps
Indium	115-2	1548090	1528884	1529961	1535645	0.70	cps
Iron	56-2	207257604	207193970	206259970	206903848	0.27	cps
Iron	57-2	5149418	5165028	5155567	5156671	0.15	cps
Iron	54-2	11358787	11371337	11269471	11333198	0.49	cps
Krypton	83-1	240	153	187	193	22.61	cps

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On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-02	Instrumnet Name :	P7
Client Sample ID :	MYD568	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:38:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	146361	149722	149762	148615	1.31	cps
Lead	207-1	121494	122193	123684	122457	0.91	cps
Lead	208-1	522667	534337	539890	532298	1.65	cps
Lithium	6-1	1063669	1114015	1110083	1095922	2.56	cps
Magnesium	24-2	5225253	5208232	5187190	5206892	0.37	cps
Manganese	55-2	3766529	3756748	3733130	3752135	0.46	cps
Molybdenum	94-1	80992	82135	82745	81957	1.09	cps
Molybdenum	95-1	3354	3497	3637	3496	4.05	cps
Molybdenum	96-1	19440	19747	19753	19647	0.91	cps
Molybdenum	97-1	2194	2100	2047	2114	3.51	cps
Molybdenum	98-1	5448	5348	5654	5483	2.85	cps
Neodymium	150-1	159963	163435	164552	162650	1.47	cps
Neodymium	150-2	88579	88408	87717	88235	0.52	cps
Nickel	60-2	59367	58677	58373	58806	0.87	cps
Phosphorus	31-2	14323	14280	14190	14265	0.48	cps
Potassium	39-2	3825900	3830624	3837616	3831380	0.15	cps
Rhodium	103-1	4435499	4459553	4372249	4422434	1.02	cps
Rhodium	103-2	2504373	2448580	2424070	2459008	1.67	cps
Scandium	45-1	2967142	2991485	3039020	2999216	1.22	cps
Scandium	45-2	245805	241422	242334	243187	0.95	cps
Selenium	82-1	254	308	323	295	12.38	cps
Selenium	77-2	230	223	173	209	14.83	cps
Selenium	78-2	270	277	310	286	7.51	cps
Silicon	28-1	11362637	11652514	11674179	11563110	1.50	cps
Silver	107-1	1640	1733	1640	1671	3.22	cps
Silver	109-1	1447	1503	1563	1505	3.88	cps
Sodium	23-2	121823	123225	121585	122211	0.72	cps
Strontium	86-1	208244	213502	214416	212054	1.57	cps
Strontium	88-1	1856794	1880059	1879822	1872225	0.71	cps
Sulfur	34-1	132195	134149	131577	132640	1.01	cps
Terbium	159-1	7029658	7119130	7117722	7088837	0.72	cps
Terbium	159-2	4423918	4344678	4372844	4380480	0.92	cps
Thallium	203-1	3404	3457	3587	3483	2.71	cps
Thallium	205-1	4225	4703	4683	4537	5.95	cps
Tin	118-1	17891	18752	18822	18489	2.80	cps
Titanium	47-1	1201741	1229964	1237595	1223100	1.54	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-02	Instrumnet Name :	P7
Client Sample ID :	MYD568	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:38:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32600	33395	33579	33191	1.57	cps
Vanadium	51-2	313349	310017	311956	311774	0.54	cps
Yttrium	89-1	9420942	9417127	9505044	9447704	0.53	cps
Yttrium	89-2	2229152	2214105	2211513	2218257	0.43	cps
Zinc	66-2	87762	86723	87494	87326	0.62	cps
Zirconium	90-1	208040	214392	218477	213636	2.46	cps
Zirconium	91-1	47400	48353	47647	47800	1.03	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-03	Instrumnet Name :	P7
Client Sample ID :	MYD569	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:41:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9326042	9351603	9126892	9268179	1.33	cps
Antimony	121-1	6201	6215	6328	6248	1.11	cps
Arsenic	75-2	10043	9957	9620	9873	2.27	cps
Barium	135-1	844375	859053	855325	852918	0.89	cps
Barium	137-1	1467657	1487538	1479150	1478115	0.68	cps
Beryllium	9-1	3000	3057	3110	3056	1.80	cps
Bismuth	209-1	4069953	4099485	4114387	4094608	0.55	cps
Bismuth	209-2	3118116	2502768	3426742	3015875	15.60	cps
Bromine	81-1	10107	10040	10851	10333	4.35	cps
Bromine	81-2	567	583	563	571	1.88	cps
Cadmium	108-1	300	233	237	257	14.64	cps
Cadmium	106-1	2964	2967	2937	2956	0.56	cps
Cadmium	111-1	2585	2710	2644	2646	2.38	cps
Calcium	43-1	387998	390756	390457	389737	0.39	cps
Calcium	44-1	5871617	5908129	5785922	5855223	1.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168226	168635	164229	167030	1.46	cps
Cobalt	59-2	148883	150045	146295	148408	1.29	cps
Copper	63-2	239469	242259	234325	238684	1.69	cps
Dysprosium	156-1	88540	90573	90143	89752	1.19	cps
Dysprosium	156-2	68124	69910	67843	68625	1.63	cps
Erbium	164-1	73754	75030	75197	74660	1.06	cps
Erbium	164-2	47524	48109	47370	47668	0.82	cps
Gadolinium	160-1	82957	85277	85137	84457	1.54	cps
Gadolinium	160-2	56975	57745	56600	57107	1.02	cps
Holmium	165-1	6656838	6727485	6744013	6709445	0.69	cps
Holmium	165-2	4424198	3521622	4865621	4270480	16.04	cps
Indium	115-1	4798837	4877884	4948610	4875110	1.54	cps
Indium	115-2	1515866	1199797	1672533	1462732	16.46	cps
Iron	56-2	196848190	198397470	194841844	196695835	0.91	cps
Iron	57-2	4866260	4889737	4745720	4833905	1.60	cps
Iron	54-2	10663963	10848740	10613106	10708603	1.16	cps
Krypton	83-1	190	163	117	157	23.69	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-03	Instrumnet Name :	P7
Client Sample ID :	MYD569	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:41:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	165239	165711	166928	165959	0.53	cps
Lead	207-1	131954	135623	135679	134419	1.59	cps
Lead	208-1	585286	593050	595654	591330	0.91	cps
Lithium	6-1	1093405	1117024	1113095	1107841	1.14	cps
Magnesium	24-2	5034482	5105520	4976548	5038850	1.28	cps
Manganese	55-2	3826843	3853107	3789265	3823072	0.84	cps
Molybdenum	94-1	87224	89773	89381	88793	1.55	cps
Molybdenum	95-1	3104	3374	3397	3292	4.95	cps
Molybdenum	96-1	20134	20982	20378	20498	2.13	cps
Molybdenum	97-1	1903	2200	2087	2064	7.26	cps
Molybdenum	98-1	5164	5338	5274	5259	1.67	cps
Neodymium	150-1	152832	154856	157072	154920	1.37	cps
Neodymium	150-2	84206	84970	82831	84003	1.29	cps
Nickel	60-2	55740	55890	54391	55340	1.49	cps
Phosphorus	31-2	14554	14640	14263	14486	1.36	cps
Potassium	39-2	3453383	3460577	3434339	3449433	0.39	cps
Rhodium	103-1	4303508	4317421	4281594	4300841	0.42	cps
Rhodium	103-2	2408543	1887719	2600750	2299004	16.05	cps
Scandium	45-1	2923489	2924413	2921793	2923232	0.05	cps
Scandium	45-2	239581	194269	254058	229303	13.60	cps
Selenium	82-1	243	293	352	296	18.43	cps
Selenium	77-2	203	230	210	214	6.47	cps
Selenium	78-2	280	233	270	261	9.41	cps
Silicon	28-1	9751491	9861973	9994214	9869226	1.23	cps
Silver	107-1	1497	1657	1603	1586	5.14	cps
Silver	109-1	1297	1367	1533	1399	8.69	cps
Sodium	23-2	127190	128638	127516	127781	0.59	cps
Strontium	86-1	209178	213640	212437	211752	1.09	cps
Strontium	88-1	1838353	1858292	1908328	1868324	1.93	cps
Sulfur	34-1	126074	125245	126280	125866	0.44	cps
Terbium	159-1	6762443	6896360	6884981	6847928	1.08	cps
Terbium	159-2	4364526	3474759	4660264	4166516	14.81	cps
Thallium	203-1	3130	3210	3267	3203	2.14	cps
Thallium	205-1	3979	3986	4022	3996	0.59	cps
Tin	118-1	16700	16847	16563	16703	0.85	cps
Titanium	47-1	1073474	1087689	1084256	1081806	0.69	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-03	Instrumnet Name :	P7
Client Sample ID :	MYD569	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:41:28	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29984	29790	29479	29751	0.86	cps
Vanadium	51-2	289875	290986	286775	289212	0.75	cps
Yttrium	89-1	8923698	9107862	9214053	9081871	1.62	cps
Yttrium	89-2	2182120	1734614	2300378	2072371	14.40	cps
Zinc	66-2	81705	83203	81457	82122	1.15	cps
Zirconium	90-1	228480	236235	233880	232865	1.71	cps
Zirconium	91-1	51794	51764	51885	51814	0.12	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:44:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5028256	5087821	5047512	5054530	0.60	cps
Antimony	121-1	9583	9643	9987	9738	2.24	cps
Arsenic	75-2	19286	19449	18945	19227	1.34	cps
Barium	135-1	476628	478618	481362	478869	0.50	cps
Barium	137-1	822937	835267	833832	830679	0.81	cps
Beryllium	9-1	1700	1650	1680	1677	1.50	cps
Bismuth	209-1	4060942	4176406	4190788	4142712	1.72	cps
Bismuth	209-2	3155203	2948145	3095223	3066190	3.47	cps
Bromine	81-1	8463	8779	8456	8566	2.16	cps
Bromine	81-2	247	217	210	224	8.70	cps
Cadmium	108-1	113	177	157	149	21.75	cps
Cadmium	106-1	2517	2534	2737	2596	4.72	cps
Cadmium	111-1	2633	2630	2790	2684	3.41	cps
Calcium	43-1	255713	259436	256709	257286	0.75	cps
Calcium	44-1	3791574	3867421	3932489	3863828	1.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107966	107167	106029	107054	0.91	cps
Cobalt	59-2	118275	118140	117945	118120	0.14	cps
Copper	63-2	222174	224999	222807	223327	0.66	cps
Dysprosium	156-1	51598	52702	53030	52443	1.43	cps
Dysprosium	156-2	40181	40271	39088	39846	1.65	cps
Erbium	164-1	45504	46574	45738	45939	1.22	cps
Erbium	164-2	30293	30116	29471	29960	1.44	cps
Gadolinium	160-1	49480	49557	50273	49770	0.88	cps
Gadolinium	160-2	34212	34182	33991	34128	0.35	cps
Holmium	165-1	6647439	6710462	6676110	6678004	0.47	cps
Holmium	165-2	4345868	4092064	4336146	4258026	3.38	cps
Indium	115-1	4842152	4926545	4881467	4883388	0.86	cps
Indium	115-2	1482747	1398203	1471813	1450921	3.17	cps
Iron	56-2	180358691	180765211	179853037	180325646	0.25	cps
Iron	57-2	4434071	4449651	4423246	4435656	0.30	cps
Iron	54-2	9946244	9805828	9805159	9852410	0.82	cps
Krypton	83-1	197	170	183	183	7.27	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:44:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	218002	220283	218944	219076	0.52	cps
Lead	207-1	190652	193721	193541	192638	0.89	cps
Lead	208-1	844301	850247	854965	849838	0.63	cps
Lithium	6-1	1070770	1096994	1097882	1088549	1.42	cps
Magnesium	24-2	3409822	3434664	3471244	3438577	0.90	cps
Manganese	55-2	2837383	2831378	2850941	2839901	0.35	cps
Molybdenum	94-1	35971	36743	36896	36537	1.36	cps
Molybdenum	95-1	3654	3524	3681	3619	2.32	cps
Molybdenum	96-1	11945	12035	11915	11965	0.52	cps
Molybdenum	97-1	2230	2184	2170	2195	1.44	cps
Molybdenum	98-1	5461	5948	5838	5749	4.44	cps
Neodymium	150-1	84826	85108	85574	85169	0.44	cps
Neodymium	150-2	46125	46506	45737	46123	0.83	cps
Nickel	60-2	34911	34563	34199	34558	1.03	cps
Phosphorus	31-2	18241	17714	17814	17923	1.56	cps
Potassium	39-2	2265309	2254782	2248776	2256289	0.37	cps
Rhodium	103-1	4324141	4425147	4355897	4368395	1.18	cps
Rhodium	103-2	2345170	2222758	2324533	2297487	2.85	cps
Scandium	45-1	2792458	2816702	2788183	2799114	0.55	cps
Scandium	45-2	224281	211180	219858	218440	3.05	cps
Selenium	82-1	240	251	227	239	5.13	cps
Selenium	77-2	103	113	100	106	6.58	cps
Selenium	78-2	297	223	200	240	21.02	cps
Silicon	28-1	11287138	11420364	11372409	11359970	0.59	cps
Silver	107-1	1493	1537	1660	1563	5.53	cps
Silver	109-1	1427	1477	1463	1456	1.78	cps
Sodium	23-2	79956	79738	79574	79756	0.24	cps
Strontium	86-1	136432	138040	137636	137369	0.61	cps
Strontium	88-1	1199010	1212804	1213641	1208485	0.68	cps
Sulfur	34-1	136063	136254	136859	136392	0.30	cps
Terbium	159-1	6742577	6921484	6813047	6825702	1.32	cps
Terbium	159-2	4240410	4008777	4209616	4152934	3.03	cps
Thallium	203-1	1717	1767	1713	1732	1.72	cps
Thallium	205-1	1829	1692	1470	1664	10.90	cps
Tin	118-1	13620	13717	13406	13581	1.17	cps
Titanium	47-1	1124044	1139897	1137897	1133946	0.76	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:44:42	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21648	22025	21831	21835	0.86	cps
Vanadium	51-2	342494	340461	343430	342128	0.44	cps
Yttrium	89-1	8740611	8694313	8777127	8737350	0.48	cps
Yttrium	89-2	2081575	1904951	2034831	2007119	4.56	cps
Zinc	66-2	87055	87367	87387	87269	0.21	cps
Zirconium	90-1	92831	93109	93039	92993	0.16	cps
Zirconium	91-1	20695	20895	20985	20858	0.71	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:47:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5276743	5157586	5166955	5200428	1.27	cps
Antimony	121-1	11872	12532	12619	12341	3.31	cps
Arsenic	75-2	20498	20287	20287	20357	0.60	cps
Barium	135-1	475870	481706	483164	480247	0.80	cps
Barium	137-1	829075	834149	843318	835514	0.86	cps
Beryllium	9-1	1707	1747	1807	1753	2.87	cps
Bismuth	209-1	4023188	4096759	3865642	3995196	2.96	cps
Bismuth	209-2	3129417	3144756	3068709	3114294	1.29	cps
Bromine	81-1	8032	8132	8092	8086	0.62	cps
Bromine	81-2	243	250	263	252	4.04	cps
Cadmium	108-1	183	117	163	154	22.15	cps
Cadmium	106-1	2457	2647	2444	2516	4.52	cps
Cadmium	111-1	2542	2845	2593	2660	6.10	cps
Calcium	43-1	264514	267798	265804	266039	0.62	cps
Calcium	44-1	3960289	4089452	4028261	4026001	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107214	106788	107174	107059	0.22	cps
Cobalt	59-2	120509	119296	118476	119427	0.86	cps
Copper	63-2	229401	230082	229656	229713	0.15	cps
Dysprosium	156-1	52086	52665	53217	52656	1.07	cps
Dysprosium	156-2	39325	39592	40605	39841	1.70	cps
Erbium	164-1	46704	46681	46821	46736	0.16	cps
Erbium	164-2	30771	30283	30824	30626	0.97	cps
Gadolinium	160-1	49323	51648	51263	50745	2.46	cps
Gadolinium	160-2	34686	34863	33741	34430	1.75	cps
Holmium	165-1	6607979	6672431	6270659	6517023	3.31	cps
Holmium	165-2	4347775	4354790	4373071	4358545	0.30	cps
Indium	115-1	4729460	4816634	4515167	4687087	3.31	cps
Indium	115-2	1500513	1492899	1485985	1493132	0.49	cps
Iron	56-2	185849044	184729617	184564191	185047617	0.38	cps
Iron	57-2	4599587	4570697	4544998	4571760	0.60	cps
Iron	54-2	10044003	10156366	10136604	10112324	0.59	cps
Krypton	83-1	153	133	170	152	12.06	cps

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On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:47:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	222609	225860	226705	225058	0.96	cps
Lead	207-1	196815	199537	204166	200173	1.86	cps
Lead	208-1	862854	871877	882817	872516	1.15	cps
Lithium	6-1	1072990	1087884	1033799	1064891	2.62	cps
Magnesium	24-2	3510439	3529490	3497504	3512478	0.46	cps
Manganese	55-2	2828685	2800702	2837027	2822138	0.67	cps
Molybdenum	94-1	38725	39974	39821	39507	1.73	cps
Molybdenum	95-1	3544	3721	3864	3709	4.32	cps
Molybdenum	96-1	12612	12766	12706	12695	0.61	cps
Molybdenum	97-1	2217	2224	2477	2306	6.43	cps
Molybdenum	98-1	5608	5911	5895	5805	2.94	cps
Neodymium	150-1	85688	86617	88157	86821	1.44	cps
Neodymium	150-2	47202	47225	47480	47302	0.33	cps
Nickel	60-2	34506	34887	34587	34660	0.58	cps
Phosphorus	31-2	18381	17794	19012	18396	3.31	cps
Potassium	39-2	2290333	2277362	2289685	2285793	0.32	cps
Rhodium	103-1	4254645	4260943	4009857	4175149	3.43	cps
Rhodium	103-2	2431053	2378505	2367066	2392208	1.43	cps
Scandium	45-1	2734468	2782031	2602260	2706253	3.44	cps
Scandium	45-2	225506	223920	222850	224092	0.60	cps
Selenium	82-1	207	269	204	227	16.18	cps
Selenium	77-2	103	107	80	97	15.03	cps
Selenium	78-2	227	207	253	229	10.23	cps
Silicon	28-1	11158377	11272592	11444602	11291857	1.28	cps
Silver	107-1	1550	1577	1670	1599	3.94	cps
Silver	109-1	1557	1530	1573	1553	1.41	cps
Sodium	23-2	82007	82898	82972	82625	0.65	cps
Strontium	86-1	139291	141501	141715	140836	0.95	cps
Strontium	88-1	1225654	1237577	1252872	1238701	1.10	cps
Sulfur	34-1	135609	134425	135511	135182	0.49	cps
Terbium	159-1	6658381	6793406	6379354	6610380	3.19	cps
Terbium	159-2	4320231	4289474	4222816	4277507	1.16	cps
Thallium	203-1	1690	1920	1840	1817	6.43	cps
Thallium	205-1	1569	1495	1548	1538	2.47	cps
Tin	118-1	14884	15262	15208	15118	1.35	cps
Titanium	47-1	1151953	1181956	1185414	1173108	1.57	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:47:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21204	21087	21467	21253	0.92	cps
Vanadium	51-2	354198	350743	351960	352300	0.50	cps
Yttrium	89-1	8574689	8582286	8116717	8424564	3.16	cps
Yttrium	89-2	2071609	2045214	2021816	2046213	1.22	cps
Zinc	66-2	89496	89268	89251	89338	0.15	cps
Zirconium	90-1	98464	100279	100329	99691	1.07	cps
Zirconium	91-1	22090	22511	22427	22343	1.00	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-07 18:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	996929	991419	986200	991516	0.54	cps
Antimony	121-1	2007	2010	2047	2021	1.10	cps
Arsenic	75-2	3861	4001	3874	3912	1.98	cps
Barium	135-1	91807	92924	92555	92428	0.62	cps
Barium	137-1	159374	162024	160538	160645	0.83	cps
Beryllium	9-1	303	447	337	362	20.71	cps
Bismuth	209-1	4178821	4120110	4063210	4120713	1.40	cps
Bismuth	209-2	3214164	3158429	3126150	3166247	1.41	cps
Bromine	81-1	7902	7762	8042	7902	1.77	cps
Bromine	81-2	60	57	73	63	13.92	cps
Cadmium	108-1	43	33	53	43	23.08	cps
Cadmium	106-1	2317	2114	2057	2162	6.32	cps
Cadmium	111-1	1775	1613	1616	1668	5.56	cps
Calcium	43-1	48447	50738	50858	50014	2.72	cps
Calcium	44-1	809584	815336	817009	813976	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21245	20918	20537	20900	1.69	cps
Cobalt	59-2	23385	23014	22407	22935	2.15	cps
Copper	63-2	44319	43607	43904	43943	0.81	cps
Dysprosium	156-1	10190	10064	9603	9952	3.10	cps
Dysprosium	156-2	7579	7635	7402	7539	1.62	cps
Erbium	164-1	8816	9240	8603	8886	3.65	cps
Erbium	164-2	5925	5748	5948	5874	1.86	cps
Gadolinium	160-1	9460	9603	9413	9492	1.04	cps
Gadolinium	160-2	6938	6798	6655	6797	2.09	cps
Holmium	165-1	6534034	6417044	6476768	6475949	0.90	cps
Holmium	165-2	4361004	4350615	4314433	4342018	0.56	cps
Indium	115-1	4821378	4860455	4815302	4832378	0.51	cps
Indium	115-2	1508658	1499521	1502876	1503685	0.31	cps
Iron	56-2	34760536	35028161	35048768	34945822	0.46	cps
Iron	57-2	918032	912526	909878	913479	0.46	cps
Iron	54-2	1932060	1921356	1957411	1936942	0.96	cps
Krypton	83-1	100	93	140	111	22.72	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-07 18:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42566	42476	42129	42390	0.55	cps
Lead	207-1	36973	38200	37782	37652	1.66	cps
Lead	208-1	166615	166796	168542	167318	0.64	cps
Lithium	6-1	1098489	1090488	1069544	1086174	1.38	cps
Magnesium	24-2	683673	679946	677810	680476	0.44	cps
Manganese	55-2	554190	556512	556895	555866	0.26	cps
Molybdenum	94-1	7018	7525	7552	7365	4.08	cps
Molybdenum	95-1	670	730	807	736	9.31	cps
Molybdenum	96-1	2324	2364	2294	2327	1.51	cps
Molybdenum	97-1	503	427	460	463	8.30	cps
Molybdenum	98-1	1247	1173	1213	1211	3.03	cps
Neodymium	150-1	17257	16546	16620	16808	2.33	cps
Neodymium	150-2	8906	8526	8873	8768	2.40	cps
Nickel	60-2	6685	6785	6622	6697	1.23	cps
Phosphorus	31-2	3420	3537	3684	3547	3.72	cps
Potassium	39-2	490473	488881	492251	490535	0.34	cps
Rhodium	103-1	4254785	4308894	4307245	4290308	0.72	cps
Rhodium	103-2	2424625	2431702	2404840	2420389	0.58	cps
Scandium	45-1	2562698	2591539	2608005	2587414	0.89	cps
Scandium	45-2	213008	211731	213965	212901	0.53	cps
Selenium	82-1	196	204	166	189	10.62	cps
Selenium	77-2	27	27	17	23	24.74	cps
Selenium	78-2	177	103	193	158	30.35	cps
Silicon	28-1	2316795	2345485	2383868	2348716	1.43	cps
Silver	107-1	300	400	313	338	16.07	cps
Silver	109-1	267	283	297	282	5.33	cps
Sodium	23-2	26299	26199	25701	26067	1.23	cps
Strontium	86-1	26287	26854	27125	26755	1.60	cps
Strontium	88-1	237595	238571	240515	238894	0.62	cps
Sulfur	34-1	121128	122922	121340	121797	0.80	cps
Terbium	159-1	6479154	6643565	6551802	6558174	1.26	cps
Terbium	159-2	4297398	4252615	4253122	4267712	0.60	cps
Thallium	203-1	347	447	377	390	13.16	cps
Thallium	205-1	555	473	442	490	11.87	cps
Tin	118-1	2860	3174	2937	2990	5.46	cps
Titanium	47-1	215055	218346	220066	217823	1.17	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-07 18:51:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4311	4394	4207	4304	2.17	cps
Vanadium	51-2	65495	66372	66666	66178	0.92	cps
Yttrium	89-1	8231108	8054068	8133084	8139420	1.09	cps
Yttrium	89-2	1943120	1934781	1938063	1938655	0.22	cps
Zinc	66-2	17167	16616	16763	16848	1.69	cps
Zirconium	90-1	17844	18465	18548	18286	2.10	cps
Zirconium	91-1	3841	3971	4124	3978	3.57	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:54:27	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5327716	5263234	5196588	5262513	1.25	cps
Antimony	121-1	400035	410173	409191	406467	1.38	cps
Arsenic	75-2	26818	26467	27101	26795	1.19	cps
Barium	135-1	2712786	2723510	2739263	2725186	0.49	cps
Barium	137-1	4631529	4662354	4705266	4666383	0.79	cps
Beryllium	9-1	39437	39620	39380	39479	0.32	cps
Bismuth	209-1	4074573	3652423	4109433	3945476	6.45	cps
Bismuth	209-2	3079635	3071934	3089583	3080384	0.29	cps
Bromine	81-1	8076	8116	7589	7927	3.70	cps
Bromine	81-2	237	210	207	218	7.55	cps
Cadmium	108-1	3467	3334	3384	3395	1.98	cps
Cadmium	106-1	6978	6885	7075	6980	1.36	cps
Cadmium	111-1	50681	52264	51724	51556	1.56	cps
Calcium	43-1	263247	265772	263012	264010	0.58	cps
Calcium	44-1	3911093	3963126	3984711	3952977	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	380164	381335	379844	380448	0.21	cps
Cobalt	59-2	1147787	1147132	1147049	1147323	0.04	cps
Copper	63-2	569142	568430	569618	569063	0.11	cps
Dysprosium	156-1	52983	54027	53465	53491	0.98	cps
Dysprosium	156-2	40431	40679	40485	40532	0.32	cps
Erbium	164-1	46557	46551	47708	46939	1.42	cps
Erbium	164-2	30781	30657	30427	30621	0.59	cps
Gadolinium	160-1	50113	51912	51765	51263	1.95	cps
Gadolinium	160-2	35144	35425	34950	35173	0.68	cps
Holmium	165-1	6568881	6086530	6746491	6467301	5.28	cps
Holmium	165-2	4286468	4330847	4332029	4316448	0.60	cps
Indium	115-1	4828600	4396771	4904097	4709823	5.81	cps
Indium	115-2	1473811	1476969	1476864	1475881	0.12	cps
Iron	56-2	185287037	183083717	184234217	184201657	0.60	cps
Iron	57-2	4576356	4565438	4562356	4568050	0.16	cps
Iron	54-2	10124769	10114257	10104550	10114525	0.10	cps
Krypton	83-1	163	127	163	151	14.01	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:54:27	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	281909	285308	289782	285666	1.38	cps
Lead	207-1	247500	255624	253769	252298	1.69	cps
Lead	208-1	1099119	1119280	1126730	1115043	1.28	cps
Lithium	6-1	1079367	1005937	1093774	1059693	4.45	cps
Magnesium	24-2	3496541	3460755	3446701	3467999	0.74	cps
Manganese	55-2	3331115	3333514	3344487	3336372	0.21	cps
Molybdenum	94-1	37866	38317	38183	38122	0.61	cps
Molybdenum	95-1	3614	3694	3717	3675	1.47	cps
Molybdenum	96-1	12359	12549	11995	12301	2.29	cps
Molybdenum	97-1	2277	2387	2470	2378	4.08	cps
Molybdenum	98-1	5681	5651	5648	5660	0.32	cps
Neodymium	150-1	86671	89294	86681	87548	1.73	cps
Neodymium	150-2	47620	47774	48336	47910	0.79	cps
Nickel	60-2	295972	290128	291090	292396	1.07	cps
Phosphorus	31-2	17807	18047	17917	17924	0.67	cps
Potassium	39-2	2247561	2302224	2286513	2278766	1.24	cps
Rhodium	103-1	4223239	3883849	4358160	4155083	5.88	cps
Rhodium	103-2	2348015	2343100	2345196	2345437	0.11	cps
Scandium	45-1	2758277	2519409	2805673	2694453	5.69	cps
Scandium	45-2	219547	220777	219945	220089	0.29	cps
Selenium	82-1	5882	5962	6076	5974	1.63	cps
Selenium	77-2	637	550	647	611	8.70	cps
Selenium	78-2	1977	2013	1787	1926	6.32	cps
Silicon	28-1	11675032	11793687	11870279	11779666	0.84	cps
Silver	107-1	229415	232876	230945	231079	0.75	cps
Silver	109-1	219029	224305	223574	222303	1.29	cps
Sodium	23-2	77068	78388	77517	77658	0.86	cps
Strontium	86-1	140317	140819	141821	140986	0.54	cps
Strontium	88-1	1228676	1249009	1246571	1241419	0.89	cps
Sulfur	34-1	132364	131133	131362	131620	0.50	cps
Terbium	159-1	6735798	6116608	6858675	6570360	6.05	cps
Terbium	159-2	4257835	4181244	4290188	4243089	1.32	cps
Thallium	203-1	183855	187496	189317	186889	1.49	cps
Thallium	205-1	440669	443268	445164	443034	0.51	cps
Tin	118-1	13620	14698	14097	14138	3.82	cps
Titanium	47-1	1153494	1179562	1168468	1167175	1.12	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:54:27	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21988	22345	22122	22152	0.82	cps
Vanadium	51-2	959975	956373	958405	958251	0.19	cps
Yttrium	89-1	8557392	7908915	8718456	8394921	5.10	cps
Yttrium	89-2	2011693	2032158	2001686	2015179	0.77	cps
Zinc	66-2	210258	207852	208981	209030	0.58	cps
Zirconium	90-1	94854	96944	96826	96208	1.22	cps
Zirconium	91-1	21109	21209	21579	21299	1.16	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:57:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5658960	5626426	5729433	5671606	0.93	cps
Antimony	121-1	2016906	2038012	2068599	2041172	1.27	cps
Arsenic	75-2	51971	51395	51817	51727	0.58	cps
Barium	135-1	11040720	11195767	11125899	11120795	0.70	cps
Barium	137-1	18984438	19411787	19311095	19235773	1.16	cps
Beryllium	9-1	182883	186049	186467	185133	1.06	cps
Bismuth	209-1	3968932	3982855	4062148	4004645	1.26	cps
Bismuth	209-2	3022006	3056971	3054265	3044414	0.64	cps
Bromine	81-1	7619	7489	7362	7490	1.71	cps
Bromine	81-2	197	223	200	207	7.03	cps
Cadmium	108-1	15729	15969	16156	15951	1.34	cps
Cadmium	106-1	23960	24113	24324	24132	0.76	cps
Cadmium	111-1	239957	243341	242050	241783	0.71	cps
Calcium	43-1	250013	255651	254239	253301	1.16	cps
Calcium	44-1	3791507	3839933	3809526	3813655	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1403094	1387214	1407335	1399214	0.76	cps
Cobalt	59-2	5121617	5070670	5090581	5094289	0.50	cps
Copper	63-2	1904200	1910963	1925898	1913687	0.58	cps
Dysprosium	156-1	51507	52698	51972	52059	1.15	cps
Dysprosium	156-2	39111	39425	39666	39401	0.71	cps
Erbium	164-1	46029	46831	46855	46572	1.01	cps
Erbium	164-2	29702	30143	30166	30003	0.87	cps
Gadolinium	160-1	49912	50146	49694	49917	0.45	cps
Gadolinium	160-2	33657	33590	33797	33682	0.31	cps
Holmium	165-1	6504010	6365078	6584055	6484381	1.71	cps
Holmium	165-2	4214600	4206632	4211036	4210756	0.09	cps
Indium	115-1	4728717	4620174	4735771	4694887	1.38	cps
Indium	115-2	1424892	1436032	1433738	1431554	0.41	cps
Iron	56-2	181378764	180570351	182470071	181473062	0.53	cps
Iron	57-2	4563628	4449927	4527716	4513757	1.29	cps
Iron	54-2	10083115	9911771	9948115	9981001	0.90	cps
Krypton	83-1	137	203	143	161	22.79	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:57:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	514393	526705	523079	521392	1.21	cps
Lead	207-1	450970	459718	463326	458005	1.39	cps
Lead	208-1	2027308	2076871	2074735	2059638	1.36	cps
Lithium	6-1	1039464	1035886	1048954	1041435	0.65	cps
Magnesium	24-2	3335232	3314151	3310520	3319968	0.40	cps
Manganese	55-2	5237695	5155048	5168792	5187178	0.85	cps
Molybdenum	94-1	36669	36676	36586	36644	0.14	cps
Molybdenum	95-1	3694	3624	3694	3670	1.10	cps
Molybdenum	96-1	12255	12252	12038	12182	1.02	cps
Molybdenum	97-1	2157	2390	2214	2254	5.40	cps
Molybdenum	98-1	5788	6141	5965	5965	2.96	cps
Neodymium	150-1	85145	87026	85970	86047	1.10	cps
Neodymium	150-2	45914	46252	45871	46013	0.45	cps
Nickel	60-2	1268387	1260830	1266801	1265339	0.31	cps
Phosphorus	31-2	17260	17176	17330	17255	0.45	cps
Potassium	39-2	2186892	2179887	2173098	2179959	0.32	cps
Rhodium	103-1	4132391	4043140	4113232	4096254	1.15	cps
Rhodium	103-2	2231882	2292373	2252110	2258788	1.36	cps
Scandium	45-1	2681495	2596542	2651126	2643054	1.63	cps
Scandium	45-2	210869	212467	212231	211856	0.41	cps
Selenium	82-1	30794	30834	30856	30828	0.10	cps
Selenium	77-2	3020	2724	2647	2797	7.05	cps
Selenium	78-2	9226	9056	9180	9154	0.96	cps
Silicon	28-1	11268539	11413459	11307603	11329867	0.66	cps
Silver	107-1	397247	397347	363673	386089	5.03	cps
Silver	109-1	479179	357349	392508	409679	15.31	cps
Sodium	23-2	75859	75963	75725	75849	0.16	cps
Strontium	86-1	135547	136828	136304	136226	0.47	cps
Strontium	88-1	1191016	1208159	1207720	1202298	0.81	cps
Sulfur	34-1	127517	126871	124757	126382	1.14	cps
Terbium	159-1	6604641	6418917	6586127	6536561	1.57	cps
Terbium	159-2	4150487	4165903	4152440	4156276	0.20	cps
Thallium	203-1	917045	922783	927481	922436	0.57	cps
Thallium	205-1	2414032	2498872	2472202	2461702	1.76	cps
Tin	118-1	12592	13059	13280	12977	2.70	cps
Titanium	47-1	1102563	1127242	1116778	1115528	1.11	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 18:57:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21871	22215	21811	21966	0.99	cps
Vanadium	51-2	3229520	3208715	3203059	3213765	0.43	cps
Yttrium	89-1	8432144	8268440	8337120	8345901	0.98	cps
Yttrium	89-2	1941253	1981851	1983358	1968821	1.21	cps
Zinc	66-2	663869	665691	662992	664184	0.21	cps
Zirconium	90-1	92509	93424	94247	93393	0.93	cps
Zirconium	91-1	20791	21115	20815	20907	0.86	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-07	Instrumnet Name :	P7
Client Sample ID :	MYD571	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:00:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5573725	5642972	5578927	5598541	0.69	cps
Antimony	121-1	56815	56624	57427	56956	0.74	cps
Arsenic	75-2	44135	44012	43557	43901	0.69	cps
Barium	135-1	545925	558976	562979	555960	1.60	cps
Barium	137-1	955100	971196	978262	968186	1.23	cps
Beryllium	9-1	1847	1887	1750	1828	3.84	cps
Bismuth	209-1	3931470	4079797	4041711	4017659	1.92	cps
Bismuth	209-2	3093995	2630470	3289732	3004732	11.27	cps
Bromine	81-1	7692	7335	7882	7637	3.64	cps
Bromine	81-2	210	197	267	224	16.56	cps
Cadmium	108-1	327	367	327	340	6.79	cps
Cadmium	106-1	2697	2784	2750	2744	1.59	cps
Cadmium	111-1	4710	4882	4764	4785	1.85	cps
Calcium	43-1	275674	283927	280733	280111	1.49	cps
Calcium	44-1	4126762	4174972	4213429	4171721	1.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103472	103334	102139	102982	0.71	cps
Cobalt	59-2	147644	148769	148159	148191	0.38	cps
Copper	63-2	409690	408591	403301	407194	0.84	cps
Dysprosium	156-1	64685	65706	65086	65159	0.79	cps
Dysprosium	156-2	49524	49644	48239	49136	1.58	cps
Erbium	164-1	55620	56959	57314	56631	1.58	cps
Erbium	164-2	36665	36969	36427	36687	0.74	cps
Gadolinium	160-1	60610	62284	62646	61847	1.76	cps
Gadolinium	160-2	42153	43143	42374	42557	1.22	cps
Holmium	165-1	6416663	6532089	6452330	6467027	0.91	cps
Holmium	165-2	4363177	3687966	4589913	4213685	11.13	cps
Indium	115-1	4631211	4744145	4743994	4706450	1.38	cps
Indium	115-2	1465840	1244777	1567964	1426194	11.58	cps
Iron	56-2	209925330	211472537	208106397	209834755	0.80	cps
Iron	57-2	5171698	5221656	5167144	5186833	0.58	cps
Iron	54-2	11447569	11450368	11362605	11420181	0.44	cps
Krypton	83-1	157	163	150	157	4.26	cps

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-07	Instrumnet Name :	P7
Client Sample ID :	MYD571	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:00:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	580285	592870	592716	588624	1.23	cps
Lead	207-1	533026	546886	549100	543004	1.60	cps
Lead	208-1	2352820	2394064	2394960	2380615	1.01	cps
Lithium	6-1	1000920	1063556	1072910	1045795	3.74	cps
Magnesium	24-2	3972192	3978087	4013808	3988029	0.56	cps
Manganese	55-2	3367780	3398579	3351080	3372479	0.71	cps
Molybdenum	94-1	43972	45310	44832	44705	1.52	cps
Molybdenum	95-1	4928	4764	4981	4891	2.31	cps
Molybdenum	96-1	14821	15011	14607	14813	1.36	cps
Molybdenum	97-1	3044	3147	3054	3081	1.85	cps
Molybdenum	98-1	7499	7906	7946	7783	3.18	cps
Neodymium	150-1	103123	105981	106710	105271	1.80	cps
Neodymium	150-2	57962	58457	57359	57926	0.95	cps
Nickel	60-2	38152	37864	38062	38026	0.39	cps
Phosphorus	31-2	22079	22457	22684	22407	1.36	cps
Potassium	39-2	2853279	2836354	2790383	2826672	1.15	cps
Rhodium	103-1	4103530	4188062	4201905	4164499	1.28	cps
Rhodium	103-2	2314098	1940144	2509418	2254553	12.83	cps
Scandium	45-1	2632123	2650356	2660292	2647590	0.54	cps
Scandium	45-2	217940	184974	231494	211469	11.31	cps
Selenium	82-1	340	312	330	327	4.30	cps
Selenium	77-2	120	147	137	134	10.02	cps
Selenium	78-2	223	250	233	236	5.72	cps
Silicon	28-1	6692384	6795614	6765763	6751254	0.79	cps
Silver	107-1	5611	5588	5534	5578	0.70	cps
Silver	109-1	5451	5391	5254	5365	1.88	cps
Sodium	23-2	88771	89085	90765	89540	1.20	cps
Strontium	86-1	154238	157199	156322	155920	0.98	cps
Strontium	88-1	1338634	1368240	1365948	1357608	1.21	cps
Sulfur	34-1	128719	127641	128565	128309	0.45	cps
Terbium	159-1	6617916	6695465	6583103	6632161	0.87	cps
Terbium	159-2	4172456	3604527	4479685	4085556	10.87	cps
Thallium	203-1	2487	2464	2470	2474	0.49	cps
Thallium	205-1	3051	2965	3199	3072	3.87	cps
Tin	118-1	14080	14818	14961	14620	3.23	cps
Titanium	47-1	1119832	1144855	1151854	1138847	1.48	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-07	Instrumnet Name :	P7
Client Sample ID :	MYD571	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:00:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24509	25017	25708	25078	2.40	cps
Vanadium	51-2	353509	356421	352934	354288	0.53	cps
Yttrium	89-1	8370180	8577330	8456776	8468095	1.23	cps
Yttrium	89-2	2029900	1760456	2153527	1981294	10.14	cps
Zinc	66-2	196491	199220	197781	197830	0.69	cps
Zirconium	90-1	110458	113007	113508	112324	1.46	cps
Zirconium	91-1	24921	25021	25355	25099	0.91	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-08	Instrumnet Name :	P7
Client Sample ID :	MYD572	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:03:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10080316	10023624	10084007	10062649	0.34	cps
Antimony	121-1	6251	6375	6825	6484	4.66	cps
Arsenic	75-2	11588	11885	11511	11661	1.69	cps
Barium	135-1	864177	877357	883905	875146	1.15	cps
Barium	137-1	1493574	1520610	1606051	1540078	3.81	cps
Beryllium	9-1	2820	3014	3207	3014	6.42	cps
Bismuth	209-1	3949951	4056966	4067893	4024937	1.62	cps
Bismuth	209-2	3096139	3058469	3052475	3069028	0.77	cps
Bromine	81-1	9740	10474	10490	10235	4.19	cps
Bromine	81-2	667	707	723	699	4.17	cps
Cadmium	108-1	240	260	263	254	4.96	cps
Cadmium	106-1	3090	2880	2964	2978	3.55	cps
Cadmium	111-1	2719	2521	2570	2603	3.95	cps
Calcium	43-1	413331	420661	422553	418848	1.16	cps
Calcium	44-1	6173048	6276992	6259445	6236495	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166403	165979	166275	166219	0.13	cps
Cobalt	59-2	160484	158712	159709	159635	0.56	cps
Copper	63-2	258373	256310	256784	257156	0.42	cps
Dysprosium	156-1	89624	90922	92995	91180	1.86	cps
Dysprosium	156-2	69196	70235	70620	70017	1.05	cps
Erbium	164-1	77000	78512	77805	77773	0.97	cps
Erbium	164-2	50608	51163	50752	50841	0.57	cps
Gadolinium	160-1	84895	86837	89071	86934	2.40	cps
Gadolinium	160-2	59020	59941	60286	59749	1.09	cps
Holmium	165-1	6514399	6461270	6627690	6534453	1.30	cps
Holmium	165-2	4334621	4374063	4293045	4333909	0.93	cps
Indium	115-1	4646951	4718070	4741276	4702099	1.05	cps
Indium	115-2	1469465	1454354	1456951	1460257	0.55	cps
Iron	56-2	221587483	218785177	220147303	220173321	0.64	cps
Iron	57-2	5429677	5425614	5419526	5424939	0.09	cps
Iron	54-2	12120760	12011241	12082164	12071389	0.46	cps
Krypton	83-1	197	183	180	187	4.72	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-08	Instrumnet Name :	P7
Client Sample ID :	MYD572	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:03:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	147871	151963	152990	150941	1.79	cps
Lead	207-1	122045	123259	125439	123581	1.39	cps
Lead	208-1	528025	538460	543693	536726	1.49	cps
Lithium	6-1	1051595	1060774	1074467	1062279	1.08	cps
Magnesium	24-2	5440488	5529185	5502664	5490779	0.83	cps
Manganese	55-2	4211864	4174193	4174828	4186962	0.52	cps
Molybdenum	94-1	81974	84190	83013	83059	1.33	cps
Molybdenum	95-1	3377	3270	3537	3395	3.95	cps
Molybdenum	96-1	19797	19747	20087	19877	0.92	cps
Molybdenum	97-1	2327	2167	2220	2238	3.64	cps
Molybdenum	98-1	5581	5428	5491	5500	1.40	cps
Neodymium	150-1	155184	156356	158460	156667	1.06	cps
Neodymium	150-2	85262	85661	85715	85546	0.29	cps
Nickel	60-2	54418	54529	53796	54248	0.73	cps
Phosphorus	31-2	15181	14710	14794	14895	1.69	cps
Potassium	39-2	3266382	3312407	3283483	3287424	0.71	cps
Rhodium	103-1	4135707	4169131	4195378	4166739	0.72	cps
Rhodium	103-2	2299553	2280955	2288026	2289511	0.41	cps
Scandium	45-1	2781737	2853264	2826624	2820542	1.28	cps
Scandium	45-2	229734	227782	228415	228644	0.44	cps
Selenium	82-1	247	292	278	272	8.55	cps
Selenium	77-2	177	170	173	173	1.92	cps
Selenium	78-2	250	250	243	248	1.55	cps
Silicon	28-1	6557037	6725181	6709636	6663951	1.39	cps
Silver	107-1	1677	1497	1573	1582	5.71	cps
Silver	109-1	1533	1343	1413	1430	6.72	cps
Sodium	23-2	103964	104434	105199	104532	0.60	cps
Strontium	86-1	227535	229128	229240	228634	0.42	cps
Strontium	88-1	2027161	2075205	2063875	2055413	1.22	cps
Sulfur	34-1	120110	119039	116842	118664	1.40	cps
Terbium	159-1	6629783	6721753	6823825	6725120	1.44	cps
Terbium	159-2	4272462	4220356	4232824	4241881	0.64	cps
Thallium	203-1	2960	2930	2970	2954	0.70	cps
Thallium	205-1	2948	2721	3094	2921	6.43	cps
Tin	118-1	16243	16750	16586	16526	1.57	cps
Titanium	47-1	985660	995579	1003402	994880	0.89	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-08	Instrumnet Name :	P7
Client Sample ID :	MYD572	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:03:55	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32576	32891	33295	32921	1.09	cps
Vanadium	51-2	323380	321550	324777	323236	0.50	cps
Yttrium	89-1	8897925	9004002	8940538	8947488	0.60	cps
Yttrium	89-2	2114125	2112951	2133459	2120178	0.54	cps
Zinc	66-2	86428	86680	87256	86788	0.49	cps
Zirconium	90-1	215103	220192	219553	218283	1.27	cps
Zirconium	91-1	47339	48597	48938	48291	1.74	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-09	Instrumnet Name :	P7
Client Sample ID :	MYD574	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:07:07	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5554401	5532258	5505076	5530578	0.45	cps
Antimony	121-1	20031	20561	21162	20585	2.75	cps
Arsenic	75-2	45998	46379	45406	45927	1.07	cps
Barium	135-1	496091	503236	511934	503753	1.58	cps
Barium	137-1	862980	873008	877439	871142	0.85	cps
Beryllium	9-1	1793	1833	1743	1790	2.52	cps
Bismuth	209-1	4038797	4056134	3794381	3963104	3.69	cps
Bismuth	209-2	3118262	3087814	3120156	3108744	0.58	cps
Bromine	81-1	8042	7842	7859	7914	1.40	cps
Bromine	81-2	183	197	213	198	7.60	cps
Cadmium	108-1	317	297	300	304	3.52	cps
Cadmium	106-1	2897	2744	2550	2730	6.36	cps
Cadmium	111-1	4100	4093	4019	4071	1.10	cps
Calcium	43-1	297274	300893	304143	300770	1.14	cps
Calcium	44-1	4511375	4496111	4486547	4498011	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113036	112643	113009	112896	0.19	cps
Cobalt	59-2	143337	143838	142448	143208	0.49	cps
Copper	63-2	337216	335494	333196	335302	0.60	cps
Dysprosium	156-1	58561	60091	61065	59906	2.11	cps
Dysprosium	156-2	44978	45450	44995	45141	0.59	cps
Erbium	164-1	53017	53114	53512	53214	0.49	cps
Erbium	164-2	34549	35007	34055	34537	1.38	cps
Gadolinium	160-1	57052	58036	57866	57651	0.91	cps
Gadolinium	160-2	39278	39602	39282	39387	0.47	cps
Holmium	165-1	6599096	6577936	6170884	6449305	3.74	cps
Holmium	165-2	4344515	4356372	4307895	4336261	0.58	cps
Indium	115-1	4746606	4836818	4507105	4696843	3.63	cps
Indium	115-2	1479480	1475639	1465835	1473651	0.48	cps
Iron	56-2	229605357	227781603	230860543	229415834	0.67	cps
Iron	57-2	5740820	5739347	5697884	5726017	0.43	cps
Iron	54-2	12658281	12677844	12463661	12599929	0.94	cps
Krypton	83-1	163	180	153	166	8.13	cps

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-09	Instrumnet Name :	P7
Client Sample ID :	MYD574	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:07:07	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	490397	499081	500629	496702	1.11	cps
Lead	207-1	449409	459163	465954	458175	1.82	cps
Lead	208-1	1972322	2002562	2030213	2001699	1.45	cps
Lithium	6-1	1023976	1066803	1002316	1031032	3.18	cps
Magnesium	24-2	3813746	3820461	3802398	3812202	0.24	cps
Manganese	55-2	2822324	2789791	2813548	2808554	0.60	cps
Molybdenum	94-1	48339	49336	49707	49128	1.44	cps
Molybdenum	95-1	4351	4761	4611	4574	4.54	cps
Molybdenum	96-1	15875	15719	15792	15795	0.50	cps
Molybdenum	97-1	2870	2627	2987	2828	6.50	cps
Molybdenum	98-1	7235	7172	7295	7234	0.85	cps
Neodymium	150-1	94021	96833	98400	96418	2.30	cps
Neodymium	150-2	53832	53053	52310	53065	1.43	cps
Nickel	60-2	35606	34961	35111	35226	0.96	cps
Phosphorus	31-2	22213	22453	22760	22475	1.22	cps
Potassium	39-2	2161841	2173867	2209135	2181615	1.13	cps
Rhodium	103-1	4199834	4272014	3986259	4152703	3.58	cps
Rhodium	103-2	2322502	2330854	2307231	2320196	0.52	cps
Scandium	45-1	2742610	2748580	2558746	2683312	4.02	cps
Scandium	45-2	220365	218302	217467	218711	0.68	cps
Selenium	82-1	298	255	261	271	8.68	cps
Selenium	77-2	113	120	157	130	17.95	cps
Selenium	78-2	210	257	220	229	10.74	cps
Silicon	28-1	7483465	7590387	7638529	7570794	1.05	cps
Silver	107-1	3814	3721	3851	3795	1.77	cps
Silver	109-1	3544	3520	3671	3578	2.26	cps
Sodium	23-2	99083	98835	99854	99257	0.54	cps
Strontium	86-1	154295	155996	157448	155913	1.01	cps
Strontium	88-1	1355059	1371262	1387068	1371130	1.17	cps
Sulfur	34-1	140431	139395	140993	140273	0.58	cps
Terbium	159-1	6660690	6735066	6226397	6540718	4.20	cps
Terbium	159-2	4242907	4289868	4218197	4250324	0.86	cps
Thallium	203-1	1927	2054	1890	1957	4.38	cps
Thallium	205-1	2191	1922	2153	2089	6.98	cps
Tin	118-1	17013	17087	17354	17151	1.04	cps
Titanium	47-1	1278044	1274022	1270259	1274108	0.31	cps

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LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-09	Instrumnet Name :	P7
Client Sample ID :	MYD574	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:07:07	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21013	20943	21534	21164	1.53	cps
Vanadium	51-2	458660	458465	455978	457701	0.33	cps
Yttrium	89-1	8587372	8560702	8082205	8410093	3.38	cps
Yttrium	89-2	2055878	2042725	2027656	2042086	0.69	cps
Zinc	66-2	183785	184470	183735	183997	0.22	cps
Zirconium	90-1	123742	125773	126085	125200	1.02	cps
Zirconium	91-1	27760	27940	28231	27977	0.85	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-10	Instrumnet Name :	P7
Client Sample ID :	MYD575	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:10:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5146991	5067748	5172402	5129047	1.06	cps
Antimony	121-1	10240	10224	10364	10276	0.74	cps
Arsenic	75-2	19116	18829	19142	19029	0.91	cps
Barium	135-1	478292	486139	485453	483295	0.90	cps
Barium	137-1	832300	838705	835415	835474	0.38	cps
Beryllium	9-1	1520	1677	1713	1637	6.27	cps
Bismuth	209-1	4052284	4072430	4064875	4063196	0.25	cps
Bismuth	209-2	3138012	3112164	3101571	3117249	0.60	cps
Bromine	81-1	8826	8342	8756	8642	3.02	cps
Bromine	81-2	377	327	317	340	9.46	cps
Cadmium	108-1	210	247	203	220	10.61	cps
Cadmium	106-1	2907	2684	2730	2774	4.25	cps
Cadmium	111-1	3741	3433	3712	3629	4.70	cps
Calcium	43-1	225826	228778	232660	229088	1.50	cps
Calcium	44-1	3433558	3449997	3464154	3449236	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88799	87884	87770	88151	0.64	cps
Cobalt	59-2	105883	104826	103913	104874	0.94	cps
Copper	63-2	274586	273608	274087	274094	0.18	cps
Dysprosium	156-1	55077	55740	55389	55402	0.60	cps
Dysprosium	156-2	42524	42210	42578	42437	0.47	cps
Erbium	164-1	47042	47567	48146	47585	1.16	cps
Erbium	164-2	32194	31131	31509	31611	1.70	cps
Gadolinium	160-1	52649	53053	53706	53136	1.00	cps
Gadolinium	160-2	36454	37153	36190	36599	1.36	cps
Holmium	165-1	6568633	6504238	6608894	6560589	0.80	cps
Holmium	165-2	4294417	4274935	4294875	4288076	0.27	cps
Indium	115-1	4775018	4753261	4771055	4766445	0.24	cps
Indium	115-2	1462934	1455013	1464680	1460876	0.35	cps
Iron	56-2	138882031	139185205	137781208	138616148	0.53	cps
Iron	57-2	3435736	3378510	3398229	3404158	0.85	cps
Iron	54-2	7547443	7581064	7503280	7543929	0.52	cps
Krypton	83-1	173	150	113	146	20.78	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-10	Instrumnet Name :	P7
Client Sample ID :	MYD575	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:10:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	324390	328546	333555	328830	1.40	cps
Lead	207-1	294029	297449	299560	297013	0.94	cps
Lead	208-1	1293739	1310529	1322191	1308820	1.09	cps
Lithium	6-1	1032780	1059246	1073912	1055313	1.98	cps
Magnesium	24-2	3076091	3035061	3044925	3052026	0.70	cps
Manganese	55-2	2776342	2779422	2748359	2768041	0.62	cps
Molybdenum	94-1	40309	41352	41402	41021	1.50	cps
Molybdenum	95-1	2860	2877	2887	2875	0.47	cps
Molybdenum	96-1	11438	11261	11501	11400	1.09	cps
Molybdenum	97-1	1863	1920	1857	1880	1.85	cps
Molybdenum	98-1	4504	4351	4524	4460	2.13	cps
Neodymium	150-1	90860	93074	93427	92454	1.50	cps
Neodymium	150-2	49707	51089	50139	50312	1.40	cps
Nickel	60-2	29375	29997	29623	29665	1.05	cps
Phosphorus	31-2	12679	12655	12759	12698	0.43	cps
Potassium	39-2	2165216	2128841	2144133	2146063	0.85	cps
Rhodium	103-1	4155182	4237135	4205010	4199109	0.98	cps
Rhodium	103-2	2296202	2320239	2337555	2317999	0.90	cps
Scandium	45-1	2663991	2703104	2661525	2676207	0.87	cps
Scandium	45-2	215049	214728	212978	214252	0.52	cps
Selenium	82-1	271	275	322	289	9.91	cps
Selenium	77-2	100	133	113	116	14.52	cps
Selenium	78-2	250	237	217	234	7.16	cps
Silicon	28-1	8503709	8544732	8653548	8567330	0.90	cps
Silver	107-1	2830	2754	2954	2846	3.55	cps
Silver	109-1	2667	2560	2757	2661	3.70	cps
Sodium	23-2	65291	64611	64889	64930	0.53	cps
Strontium	86-1	130189	132331	132073	131531	0.89	cps
Strontium	88-1	1141883	1151551	1156389	1149941	0.64	cps
Sulfur	34-1	128115	127079	125638	126944	0.98	cps
Terbium	159-1	6634196	6639885	6644673	6639585	0.08	cps
Terbium	159-2	4206198	4192097	4165114	4187803	0.50	cps
Thallium	203-1	1823	1853	1640	1772	6.52	cps
Thallium	205-1	1944	1984	1895	1941	2.31	cps
Tin	118-1	13416	13333	13563	13437	0.87	cps
Titanium	47-1	787359	799839	799351	795516	0.89	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-10	Instrumnet Name :	P7
Client Sample ID :	MYD575	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:10:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18954	18863	19094	18970	0.61	cps
Vanadium	51-2	218894	220355	217870	219040	0.57	cps
Yttrium	89-1	8484816	8507932	8460510	8484419	0.28	cps
Yttrium	89-2	1993653	2009149	1999131	2000644	0.39	cps
Zinc	66-2	114669	113987	114618	114425	0.33	cps
Zirconium	90-1	103424	107050	106365	105613	1.82	cps
Zirconium	91-1	23265	23402	23799	23489	1.18	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-11	Instrumnet Name :	P7
Client Sample ID :	MYD576	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:13:34	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5695824	5661629	5718866	5692106	0.51	cps
Antimony	121-1	27476	27914	28144	27845	1.22	cps
Arsenic	75-2	24948	24497	25011	24819	1.13	cps
Barium	135-1	945923	954008	964253	954728	0.96	cps
Barium	137-1	1782211	1749715	1787303	1773076	1.15	cps
Beryllium	9-1	2927	2947	2974	2949	0.79	cps
Bismuth	209-1	3716087	4161568	4165855	4014503	6.44	cps
Bismuth	209-2	3113642	3122674	3141322	3125879	0.45	cps
Bromine	81-1	10817	11061	11211	11030	1.80	cps
Bromine	81-2	707	630	793	710	11.51	cps
Cadmium	108-1	1447	1437	1360	1415	3.35	cps
Cadmium	106-1	4034	4321	4254	4203	3.57	cps
Cadmium	111-1	19969	20487	21112	20523	2.79	cps
Calcium	43-1	514225	523237	524873	520779	1.10	cps
Calcium	44-1	7758266	7804720	7885484	7816156	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	242607	244474	242950	243344	0.41	cps
Cobalt	59-2	128730	128131	129778	128880	0.65	cps
Copper	63-2	4417385	4424773	4429843	4424000	0.14	cps
Dysprosium	156-1	57912	58253	59703	58623	1.62	cps
Dysprosium	156-2	44661	44922	45209	44930	0.61	cps
Erbium	164-1	47263	47648	48581	47830	1.42	cps
Erbium	164-2	30861	31789	31188	31279	1.51	cps
Gadolinium	160-1	53974	54238	56021	54744	2.03	cps
Gadolinium	160-2	37253	37012	37463	37243	0.61	cps
Holmium	165-1	5827159	6688330	6583102	6366197	7.38	cps
Holmium	165-2	4339273	4352845	4331400	4341172	0.25	cps
Indium	115-1	4280185	4855134	4808819	4648046	6.87	cps
Indium	115-2	1466584	1470503	1474899	1470662	0.28	cps
Iron	56-2	157427218	157907328	157664424	157666323	0.15	cps
Iron	57-2	3888994	3937878	3914141	3913671	0.62	cps
Iron	54-2	8641212	8647571	8641668	8643484	0.04	cps
Krypton	83-1	140	187	140	156	17.32	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-11	Instrumnet Name :	P7
Client Sample ID :	MYD576	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:13:34	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1531295	1538143	1559841	1543093	0.97	cps
Lead	207-1	1375173	1384822	1411874	1390623	1.37	cps
Lead	208-1	6557392	6630572	6660094	6616019	0.80	cps
Lithium	6-1	957461	1057828	1067550	1027613	5.93	cps
Magnesium	24-2	3659724	3690122	3706011	3685286	0.64	cps
Manganese	55-2	5255494	5233718	5306429	5265213	0.71	cps
Molybdenum	94-1	31467	32944	33268	32559	2.95	cps
Molybdenum	95-1	11271	11655	11124	11350	2.41	cps
Molybdenum	96-1	18422	18352	18532	18435	0.49	cps
Molybdenum	97-1	7035	7135	7195	7122	1.14	cps
Molybdenum	98-1	18512	18592	18846	18650	0.93	cps
Neodymium	150-1	100636	102623	102428	101896	1.08	cps
Neodymium	150-2	56810	55502	55398	55904	1.41	cps
Nickel	60-2	69132	69389	69520	69347	0.29	cps
Phosphorus	31-2	35304	34957	35150	35137	0.50	cps
Potassium	39-2	3354585	3321517	3349429	3341844	0.53	cps
Rhodium	103-1	3762350	4364354	4231363	4119355	7.68	cps
Rhodium	103-2	2331385	2332979	2328590	2330985	0.10	cps
Scandium	45-1	2391321	2735827	2743745	2623631	7.67	cps
Scandium	45-2	215017	216902	214773	215564	0.54	cps
Selenium	82-1	353	364	442	386	12.53	cps
Selenium	77-2	123	107	143	124	14.75	cps
Selenium	78-2	233	337	290	287	18.05	cps
Silicon	28-1	12974502	13111969	13114529	13067000	0.61	cps
Silver	107-1	33342	33876	35186	34135	2.78	cps
Silver	109-1	32476	32523	34080	33027	2.76	cps
Sodium	23-2	141510	141193	142195	141633	0.36	cps
Strontium	86-1	205480	206102	206078	205886	0.17	cps
Strontium	88-1	1797146	1826881	1857650	1827225	1.66	cps
Sulfur	34-1	179511	183042	181790	181448	0.99	cps
Terbium	159-1	5936856	6848667	6726597	6504040	7.61	cps
Terbium	159-2	4229726	4188454	4259356	4225845	0.84	cps
Thallium	203-1	2424	2460	2290	2391	3.74	cps
Thallium	205-1	2124	2104	2076	2101	1.14	cps
Tin	118-1	74143	74923	75584	74883	0.96	cps
Titanium	47-1	756174	763883	774137	764731	1.18	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-11	Instrumnet Name :	P7
Client Sample ID :	MYD576	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:13:34	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24513	24850	25050	24804	1.10	cps
Vanadium	51-2	250513	250211	251425	250716	0.25	cps
Yttrium	89-1	7701423	8803634	8490652	8331903	6.82	cps
Yttrium	89-2	2008972	2033605	1994467	2012348	0.98	cps
Zinc	66-2	476068	472090	475049	474402	0.44	cps
Zirconium	90-1	68669	69718	69473	69287	0.79	cps
Zirconium	91-1	15355	15432	15765	15517	1.41	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-12	Instrumnet Name :	P7
Client Sample ID :	MYD577	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:16:45	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4079817	4038105	4064374	4060765	0.52	cps
Antimony	121-1	37616	37920	37733	37756	0.41	cps
Arsenic	75-2	14761	14314	14694	14590	1.65	cps
Barium	135-1	595283	601327	601850	599486	0.61	cps
Barium	137-1	1025823	1045231	1054825	1041960	1.42	cps
Beryllium	9-1	1503	1500	1417	1473	3.33	cps
Bismuth	209-1	4102461	4096072	4073054	4090529	0.38	cps
Bismuth	209-2	3067585	3102695	3123298	3097859	0.91	cps
Bromine	81-1	8999	9300	8879	9060	2.39	cps
Bromine	81-2	383	377	377	379	1.01	cps
Cadmium	108-1	687	637	783	702	10.62	cps
Cadmium	106-1	3040	3340	3204	3195	4.70	cps
Cadmium	111-1	10407	11069	11041	10839	3.45	cps
Calcium	43-1	454137	456912	462162	457737	0.89	cps
Calcium	44-1	6799103	6937560	6963644	6900102	1.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	271398	271561	270072	271010	0.30	cps
Cobalt	59-2	91487	91878	91094	91486	0.43	cps
Copper	63-2	2540471	2511007	2460792	2504090	1.61	cps
Dysprosium	156-1	42367	42745	43754	42955	1.67	cps
Dysprosium	156-2	33751	33179	32882	33271	1.33	cps
Erbium	164-1	35415	35475	36110	35666	1.08	cps
Erbium	164-2	23079	22739	22665	22828	0.97	cps
Gadolinium	160-1	38994	40749	40398	40047	2.32	cps
Gadolinium	160-2	27303	27370	26866	27180	1.01	cps
Holmium	165-1	6486681	6578565	6548827	6538024	0.72	cps
Holmium	165-2	4322154	4261343	4338453	4307317	0.94	cps
Indium	115-1	4793745	4881706	4782040	4819164	1.13	cps
Indium	115-2	1477170	1476881	1474069	1476040	0.12	cps
Iron	56-2	143722465	143246505	142659485	143209485	0.37	cps
Iron	57-2	3582958	3542859	3521254	3549024	0.88	cps
Iron	54-2	7865319	7792205	7782301	7813275	0.58	cps
Krypton	83-1	187	140	107	144	27.82	cps

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On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-12	Instrumnet Name :	P7
Client Sample ID :	MYD577	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:16:45	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2607628	2679432	2686931	2657997	1.65	cps
Lead	207-1	2239117	2200593	2264845	2234852	1.45	cps
Lead	208-1	10197466	10292784	10392272	10294174	0.95	cps
Lithium	6-1	1042968	1058372	1061185	1054175	0.93	cps
Magnesium	24-2	2810626	2800424	2733146	2781399	1.51	cps
Manganese	55-2	2393131	2404692	2391692	2396505	0.30	cps
Molybdenum	94-1	22861	23305	23025	23064	0.97	cps
Molybdenum	95-1	10924	10817	11224	10989	1.92	cps
Molybdenum	96-1	15979	16499	16656	16378	2.17	cps
Molybdenum	97-1	6902	6675	6625	6734	2.19	cps
Molybdenum	98-1	17444	17277	17978	17566	2.08	cps
Neodymium	150-1	72408	75551	74475	74145	2.15	cps
Neodymium	150-2	41685	40675	40317	40892	1.73	cps
Nickel	60-2	62694	61726	61000	61807	1.37	cps
Phosphorus	31-2	20203	20464	19843	20170	1.55	cps
Potassium	39-2	2163299	2149019	2130677	2147665	0.76	cps
Rhodium	103-1	4243381	4258768	4291963	4264704	0.58	cps
Rhodium	103-2	2325819	2339457	2307623	2324300	0.69	cps
Scandium	45-1	2631633	2698662	2639074	2656456	1.38	cps
Scandium	45-2	214979	214959	214589	214842	0.10	cps
Selenium	82-1	244	325	328	299	15.92	cps
Selenium	77-2	100	107	103	103	3.23	cps
Selenium	78-2	180	263	220	221	18.85	cps
Silicon	28-1	9552511	9739972	9891251	9727911	1.74	cps
Silver	107-1	10901	11084	10901	10962	0.97	cps
Silver	109-1	10464	10481	10804	10583	1.81	cps
Sodium	23-2	132289	131489	132037	131938	0.31	cps
Strontium	86-1	183673	186803	187744	186073	1.15	cps
Strontium	88-1	1654254	1663731	1664942	1660976	0.35	cps
Sulfur	34-1	148322	149590	151967	149959	1.23	cps
Terbium	159-1	6616151	6630985	6693662	6646933	0.62	cps
Terbium	159-2	4220882	4259187	4223173	4234414	0.51	cps
Thallium	203-1	1307	1580	1367	1418	10.13	cps
Thallium	205-1	12	76	17	35	101.67	cps
Tin	118-1	151982	152810	155058	153283	1.04	cps
Titanium	47-1	689763	699783	702953	697500	0.99	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-12	Instrumnet Name :	P7
Client Sample ID :	MYD577	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:16:45	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16604	17505	16784	16964	2.81	cps
Vanadium	51-2	232487	231180	233235	232301	0.45	cps
Yttrium	89-1	8466835	8501851	8436154	8468280	0.39	cps
Yttrium	89-2	1979417	1986691	1991648	1985919	0.31	cps
Zinc	66-2	377402	378158	377050	377536	0.15	cps
Zirconium	90-1	44701	45671	45029	45134	1.09	cps
Zirconium	91-1	9797	9980	10087	9955	1.47	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-13	Instrumnet Name :	P7
Client Sample ID :	MYD578	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:19:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5756914	5758044	5827360	5780773	0.70	cps
Antimony	121-1	25710	27383	26448	26513	3.16	cps
Arsenic	75-2	21612	21860	22183	21885	1.31	cps
Barium	135-1	829324	850620	851660	843868	1.49	cps
Barium	137-1	1445773	1446189	1453110	1448357	0.28	cps
Beryllium	9-1	1993	1987	1893	1958	2.86	cps
Bismuth	209-1	4116947	4124813	4218655	4153472	1.36	cps
Bismuth	209-2	3221448	3132289	3086649	3146795	2.18	cps
Bromine	81-1	11908	12249	12372	12176	1.97	cps
Bromine	81-2	897	820	840	852	4.67	cps
Cadmium	108-1	653	693	670	672	2.99	cps
Cadmium	106-1	3007	3257	2874	3046	6.39	cps
Cadmium	111-1	8859	9353	9441	9218	3.40	cps
Calcium	43-1	601388	611935	614129	609151	1.12	cps
Calcium	44-1	9092829	9239850	9251237	9194639	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	167886	168075	168082	168014	0.07	cps
Cobalt	59-2	112897	113596	114063	113518	0.52	cps
Copper	63-2	945601	943638	946043	945094	0.14	cps
Dysprosium	156-1	55700	54773	56537	55670	1.58	cps
Dysprosium	156-2	42922	42364	43316	42867	1.12	cps
Erbium	164-1	45052	46350	45815	45739	1.43	cps
Erbium	164-2	30540	29237	30594	30124	2.55	cps
Gadolinium	160-1	50655	51755	52060	51490	1.44	cps
Gadolinium	160-2	35829	35368	35806	35668	0.73	cps
Holmium	165-1	6592081	6475091	6621094	6562755	1.18	cps
Holmium	165-2	4499040	4331533	4336832	4389135	2.17	cps
Indium	115-1	4795528	4870649	4774927	4813701	1.05	cps
Indium	115-2	1522000	1483215	1475032	1493416	1.68	cps
Iron	56-2	149489374	150057911	150293161	149946816	0.28	cps
Iron	57-2	3677001	3704894	3719354	3700416	0.58	cps
Iron	54-2	8178463	8180547	8223828	8194280	0.31	cps
Krypton	83-1	173	157	117	149	19.56	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-13	Instrumnet Name :	P7
Client Sample ID :	MYD578	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:19:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2092278	2175902	2200006	2156062	2.62	cps
Lead	207-1	1910876	1964909	1980554	1952113	1.87	cps
Lead	208-1	8517573	8730678	8884928	8711060	2.12	cps
Lithium	6-1	1025835	1051189	1059730	1045585	1.69	cps
Magnesium	24-2	3800941	3841815	3796621	3813126	0.65	cps
Manganese	55-2	3863601	3889277	3927738	3893539	0.83	cps
Molybdenum	94-1	26785	28047	27947	27593	2.54	cps
Molybdenum	95-1	7379	7365	7549	7431	1.38	cps
Molybdenum	96-1	13340	13456	14100	13632	3.01	cps
Molybdenum	97-1	4534	4821	4951	4769	4.47	cps
Molybdenum	98-1	11925	12312	12315	12184	1.84	cps
Neodymium	150-1	94185	96974	98984	96714	2.49	cps
Neodymium	150-2	53223	53016	52410	52883	0.80	cps
Nickel	60-2	48732	49361	48986	49026	0.65	cps
Phosphorus	31-2	42165	41867	42165	42065	0.41	cps
Potassium	39-2	3554853	3556432	3602052	3571113	0.75	cps
Rhodium	103-1	4284489	4196729	4237591	4239603	1.04	cps
Rhodium	103-2	2419982	2348909	2381295	2383395	1.49	cps
Scandium	45-1	2656788	2682658	2735631	2691692	1.49	cps
Scandium	45-2	226497	217677	217812	220662	2.29	cps
Selenium	82-1	362	377	417	385	7.30	cps
Selenium	77-2	160	120	140	140	14.29	cps
Selenium	78-2	277	273	230	260	10.01	cps
Silicon	28-1	14238589	14649214	14629617	14505807	1.60	cps
Silver	107-1	15355	16636	16413	16135	4.24	cps
Silver	109-1	15135	14687	15775	15199	3.60	cps
Sodium	23-2	313973	314307	316068	314783	0.36	cps
Strontium	86-1	255291	255968	259708	256989	0.93	cps
Strontium	88-1	2288747	2297252	2323992	2303330	0.80	cps
Sulfur	34-1	184111	185099	184954	184722	0.29	cps
Terbium	159-1	6688630	6601974	6641669	6644091	0.65	cps
Terbium	159-2	4322785	4274922	4259732	4285813	0.77	cps
Thallium	203-1	2204	2170	2417	2264	5.91	cps
Thallium	205-1	550	1103	786	813	34.13	cps
Tin	118-1	56641	56909	57943	57164	1.20	cps
Titanium	47-1	773881	787610	786184	782559	0.96	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-13	Instrumnet Name :	P7
Client Sample ID :	MYD578	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:19:52	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26697	27305	27171	27058	1.18	cps
Vanadium	51-2	246180	246771	248145	247032	0.41	cps
Yttrium	89-1	8414571	8605174	8630572	8550105	1.38	cps
Yttrium	89-2	2065757	2070438	2047089	2061095	0.60	cps
Zinc	66-2	472950	473426	474578	473652	0.18	cps
Zirconium	90-1	62028	63664	63041	62911	1.31	cps
Zirconium	91-1	13650	14240	14380	14090	2.75	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-14	Instrumnet Name :	P7
Client Sample ID :	MYD579	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:23:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4741828	4728306	4676775	4715636	0.73	cps
Antimony	121-1	15765	15542	15609	15639	0.73	cps
Arsenic	75-2	18845	18732	18361	18646	1.36	cps
Barium	135-1	777770	790183	796447	788133	1.21	cps
Barium	137-1	1353158	1371108	1381742	1368669	1.06	cps
Beryllium	9-1	1643	1633	1640	1639	0.31	cps
Bismuth	209-1	4084355	4066582	4103377	4084771	0.45	cps
Bismuth	209-2	3136202	3119303	3063755	3106420	1.22	cps
Bromine	81-1	11244	10587	11184	11005	3.30	cps
Bromine	81-2	853	753	663	757	12.56	cps
Cadmium	108-1	357	420	360	379	9.41	cps
Cadmium	106-1	2990	2764	2694	2816	5.51	cps
Cadmium	111-1	6448	6141	6121	6237	2.94	cps
Calcium	43-1	551880	564084	564210	560058	1.26	cps
Calcium	44-1	8434260	8462127	8499463	8465283	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	146217	145059	145124	145467	0.45	cps
Cobalt	59-2	113296	111839	110614	111916	1.20	cps
Copper	63-2	720717	719746	718498	719654	0.15	cps
Dysprosium	156-1	46517	46748	46895	46720	0.41	cps
Dysprosium	156-2	36337	36180	35846	36121	0.69	cps
Erbium	164-1	39151	39111	39967	39410	1.23	cps
Erbium	164-2	25650	25250	25286	25395	0.87	cps
Gadolinium	160-1	43945	43377	43641	43654	0.65	cps
Gadolinium	160-2	29701	30119	30436	30086	1.23	cps
Holmium	165-1	6513274	6594330	6562743	6556782	0.62	cps
Holmium	165-2	4351320	4321391	4235780	4302830	1.39	cps
Indium	115-1	4744800	4865292	4817634	4809242	1.26	cps
Indium	115-2	1482440	1479619	1470474	1477511	0.42	cps
Iron	56-2	132800441	131609605	130900328	131770125	0.73	cps
Iron	57-2	3287180	3266633	3234891	3262901	0.81	cps
Iron	54-2	7247747	7196251	7181449	7208482	0.48	cps
Krypton	83-1	130	147	147	141	6.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-14	Instrumnet Name :	P7
Client Sample ID :	MYD579	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:23:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1110798	1123388	1118997	1117728	0.57	cps
Lead	207-1	986097	999384	996928	994136	0.71	cps
Lead	208-1	4734434	4780271	4779817	4764841	0.55	cps
Lithium	6-1	1042069	1048069	1063252	1051130	1.04	cps
Magnesium	24-2	3283843	3269555	3252378	3268592	0.48	cps
Manganese	55-2	4377716	4333498	4352473	4354562	0.51	cps
Molybdenum	94-1	23522	24427	24531	24160	2.30	cps
Molybdenum	95-1	5541	5274	5438	5418	2.48	cps
Molybdenum	96-1	11051	11331	10898	11093	1.98	cps
Molybdenum	97-1	3200	3420	3320	3314	3.32	cps
Molybdenum	98-1	8226	8699	8756	8560	3.40	cps
Neodymium	150-1	80518	79070	81799	80462	1.70	cps
Neodymium	150-2	43406	43814	44848	44023	1.69	cps
Nickel	60-2	43125	42878	42864	42956	0.34	cps
Phosphorus	31-2	24069	23405	23498	23657	1.52	cps
Potassium	39-2	2792205	2789627	2786280	2789371	0.11	cps
Rhodium	103-1	4303490	4212256	4249820	4255189	1.08	cps
Rhodium	103-2	2363314	2329031	2331485	2341277	0.82	cps
Scandium	45-1	2674978	2687521	2696546	2686348	0.40	cps
Scandium	45-2	218324	216338	216016	216892	0.58	cps
Selenium	82-1	303	331	335	323	5.33	cps
Selenium	77-2	157	93	127	126	25.24	cps
Selenium	78-2	223	220	230	224	2.27	cps
Silicon	28-1	14716861	14902936	15018124	14879307	1.02	cps
Silver	107-1	11351	11421	11378	11383	0.31	cps
Silver	109-1	10584	11131	11428	11048	3.88	cps
Sodium	23-2	139760	140268	139562	139863	0.26	cps
Strontium	86-1	201722	204780	203739	203414	0.76	cps
Strontium	88-1	1778401	1803739	1837558	1806566	1.64	cps
Sulfur	34-1	156659	156340	157196	156732	0.28	cps
Terbium	159-1	6639735	6655789	6609147	6634890	0.36	cps
Terbium	159-2	4265796	4207588	4209353	4227579	0.78	cps
Thallium	203-1	1907	1887	1917	1903	0.80	cps
Thallium	205-1	1037	913	1192	1048	13.35	cps
Tin	118-1	50803	51365	51823	51330	1.00	cps
Titanium	47-1	702319	716629	719975	712974	1.32	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-14	Instrumnet Name :	P7
Client Sample ID :	MYD579	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:23:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19658	20259	20192	20036	1.64	cps
Vanadium	51-2	239986	241343	238685	240005	0.55	cps
Yttrium	89-1	8448511	8553138	8627833	8543161	1.05	cps
Yttrium	89-2	2020551	2010578	1983554	2004894	0.95	cps
Zinc	66-2	266098	266145	266254	266165	0.03	cps
Zirconium	90-1	56120	57392	56451	56654	1.16	cps
Zirconium	91-1	12956	12579	12592	12709	1.68	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-15	Instrumnet Name :	P7
Client Sample ID :	MYD580	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:26:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5403704	5386858	5396595	5395719	0.16	cps
Antimony	121-1	20675	20555	21056	20762	1.26	cps
Arsenic	75-2	25612	25245	25459	25439	0.73	cps
Barium	135-1	852236	858696	857823	856252	0.41	cps
Barium	137-1	1493509	1508312	1505634	1502485	0.53	cps
Beryllium	9-1	1940	1970	1927	1946	1.14	cps
Bismuth	209-1	4032304	4090952	4070473	4064577	0.73	cps
Bismuth	209-2	3239135	3065108	3129084	3144443	2.80	cps
Bromine	81-1	10821	11258	11141	11073	2.04	cps
Bromine	81-2	780	730	793	768	4.35	cps
Cadmium	108-1	757	810	730	766	5.32	cps
Cadmium	106-1	3167	3410	3210	3263	3.98	cps
Cadmium	111-1	11918	11757	11903	11859	0.75	cps
Calcium	43-1	501705	506759	509241	505902	0.76	cps
Calcium	44-1	7532115	7485647	7594981	7537581	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171335	172063	171473	171623	0.23	cps
Cobalt	59-2	129142	129066	129409	129205	0.14	cps
Copper	63-2	1376038	1367646	1370563	1371416	0.31	cps
Dysprosium	156-1	58692	59365	59244	59100	0.61	cps
Dysprosium	156-2	45403	45687	46283	45791	0.98	cps
Erbium	164-1	48497	49042	49059	48866	0.65	cps
Erbium	164-2	32498	31876	32224	32199	0.97	cps
Gadolinium	160-1	54743	55620	55961	55441	1.13	cps
Gadolinium	160-2	38045	38192	38082	38106	0.20	cps
Holmium	165-1	6538437	6578946	6456504	6524629	0.96	cps
Holmium	165-2	4493705	4344420	4300651	4379592	2.31	cps
Indium	115-1	4730633	4750704	4709288	4730208	0.44	cps
Indium	115-2	1552408	1468025	1462045	1494159	3.38	cps
Iron	56-2	161100771	161623111	162205561	161643148	0.34	cps
Iron	57-2	4002419	3978621	4032351	4004464	0.67	cps
Iron	54-2	8702612	8764437	8853464	8773504	0.86	cps
Krypton	83-1	170	150	120	147	17.16	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-15	Instrumnet Name :	P7
Client Sample ID :	MYD580	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:26:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2250021	2275034	2296191	2273749	1.02	cps
Lead	207-1	2083575	2092363	2092945	2089628	0.25	cps
Lead	208-1	9198948	9308215	9282586	9263250	0.62	cps
Lithium	6-1	1022295	1019345	1040283	1027308	1.10	cps
Magnesium	24-2	3626905	3618772	3601113	3615597	0.36	cps
Manganese	55-2	4291122	4253931	4315019	4286690	0.72	cps
Molybdenum	94-1	25816	26267	26043	26042	0.87	cps
Molybdenum	95-1	5611	5981	5965	5852	3.57	cps
Molybdenum	96-1	11892	12983	12018	12297	4.85	cps
Molybdenum	97-1	3564	3647	3654	3622	1.39	cps
Molybdenum	98-1	9206	9530	9513	9416	1.93	cps
Neodymium	150-1	101136	102492	102868	102165	0.89	cps
Neodymium	150-2	55532	56098	57115	56248	1.43	cps
Nickel	60-2	52137	53154	52458	52583	0.99	cps
Phosphorus	31-2	28002	28500	28860	28454	1.51	cps
Potassium	39-2	3110950	3088316	3138984	3112750	0.82	cps
Rhodium	103-1	4178500	4276331	4134760	4196530	1.73	cps
Rhodium	103-2	2442186	2300030	2307518	2349912	3.40	cps
Scandium	45-1	2673086	2689455	2672582	2678374	0.36	cps
Scandium	45-2	221721	214248	215299	217089	1.86	cps
Selenium	82-1	397	370	449	405	9.96	cps
Selenium	77-2	137	170	123	143	16.77	cps
Selenium	78-2	320	310	270	300	8.82	cps
Silicon	28-1	15956577	16156557	16110962	16074699	0.65	cps
Silver	107-1	16660	16670	17497	16942	2.84	cps
Silver	109-1	16336	16670	16673	16560	1.17	cps
Sodium	23-2	116587	117631	115996	116738	0.71	cps
Strontium	86-1	217337	218558	221265	219053	0.92	cps
Strontium	88-1	1932701	1939235	1948254	1940063	0.40	cps
Sulfur	34-1	161806	160853	160624	161094	0.39	cps
Terbium	159-1	6701868	6697024	6665779	6688223	0.29	cps
Terbium	159-2	4327268	4231866	4214498	4257877	1.43	cps
Thallium	203-1	2484	2230	2237	2317	6.23	cps
Thallium	205-1	1322	1283	1455	1353	6.66	cps
Tin	118-1	70505	71382	70645	70844	0.67	cps
Titanium	47-1	712891	723157	721232	719093	0.76	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-15	Instrumnet Name :	P7
Client Sample ID :	MYD580	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:26:13	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24075	24162	24462	24233	0.84	cps
Vanadium	51-2	262110	262204	262766	262360	0.14	cps
Yttrium	89-1	8431525	8462009	8503090	8465541	0.42	cps
Yttrium	89-2	2085146	2041027	2037196	2054456	1.30	cps
Zinc	66-2	451807	453596	450782	452061	0.32	cps
Zirconium	90-1	58081	60089	58650	58940	1.76	cps
Zirconium	91-1	13259	13356	13880	13499	2.47	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-16	Instrumnet Name :	P7
Client Sample ID :	MYD582	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:29:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5424798	5608451	5391434	5474894	2.13	cps
Antimony	121-1	14364	14804	14407	14525	1.67	cps
Arsenic	75-2	20204	20167	19660	20010	1.52	cps
Barium	135-1	657332	665314	671244	664630	1.05	cps
Barium	137-1	1144308	1154535	1164177	1154340	0.86	cps
Beryllium	9-1	1720	1820	1810	1783	3.09	cps
Bismuth	209-1	3918546	4017486	4002855	3979629	1.34	cps
Bismuth	209-2	3128418	2031210	2732172	2630600	21.12	cps
Bromine	81-1	11208	11058	11314	11193	1.15	cps
Bromine	81-2	763	747	710	740	3.69	cps
Cadmium	108-1	363	437	467	422	12.59	cps
Cadmium	106-1	2757	2704	2857	2773	2.81	cps
Cadmium	111-1	5983	5834	6264	6027	3.62	cps
Calcium	43-1	369917	371820	374855	372197	0.67	cps
Calcium	44-1	5558961	5633741	5637212	5609971	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	157398	164129	157072	159533	2.50	cps
Cobalt	59-2	116867	121181	114942	117663	2.71	cps
Copper	63-2	1008494	1026438	999183	1011372	1.37	cps
Dysprosium	156-1	53093	53886	54274	53751	1.12	cps
Dysprosium	156-2	41167	42394	40565	41375	2.25	cps
Erbium	164-1	44360	45564	44888	44937	1.34	cps
Erbium	164-2	29431	30323	29431	29728	1.73	cps
Gadolinium	160-1	49039	50377	49882	49766	1.36	cps
Gadolinium	160-2	33991	34994	34135	34373	1.58	cps
Holmium	165-1	6545891	6503476	6583369	6544245	0.61	cps
Holmium	165-2	4375759	2755309	3788053	3639707	22.54	cps
Indium	115-1	4722980	4722122	4765279	4736794	0.52	cps
Indium	115-2	1459390	943206	1304299	1235631	21.43	cps
Iron	56-2	146021698	148123791	143943961	146029817	1.43	cps
Iron	57-2	3590149	3626721	3551262	3589378	1.05	cps
Iron	54-2	7940517	8088676	7856693	7961962	1.48	cps
Krypton	83-1	170	160	133	154	12.27	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-16	Instrumnet Name :	P7
Client Sample ID :	MYD582	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:29:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	586943	598308	601612	595621	1.29	cps
Lead	207-1	517229	529128	536381	527579	1.83	cps
Lead	208-1	2326917	2362813	2380683	2356804	1.16	cps
Lithium	6-1	1032083	1036249	1043577	1037303	0.56	cps
Magnesium	24-2	3746287	3876104	3770152	3797514	1.82	cps
Manganese	55-2	3664690	3727078	3621587	3671119	1.44	cps
Molybdenum	94-1	28017	28942	29086	28681	2.02	cps
Molybdenum	95-1	5701	5524	5708	5644	1.84	cps
Molybdenum	96-1	12539	12128	12332	12333	1.66	cps
Molybdenum	97-1	3480	3644	3597	3574	2.35	cps
Molybdenum	98-1	8949	9160	9216	9108	1.54	cps
Neodymium	150-1	89649	91401	91283	90778	1.08	cps
Neodymium	150-2	49426	50500	49373	49766	1.28	cps
Nickel	60-2	46468	48217	45840	46842	2.63	cps
Phosphorus	31-2	17440	17954	17160	17518	2.30	cps
Potassium	39-2	3467784	3528669	3409369	3468607	1.72	cps
Rhodium	103-1	4144813	4132128	4164341	4147094	0.39	cps
Rhodium	103-2	2283184	1492167	1987544	1920965	20.81	cps
Scandium	45-1	2633497	2634099	2632502	2633366	0.03	cps
Scandium	45-2	212414	145944	185438	181265	18.44	cps
Selenium	82-1	299	363	320	327	10.03	cps
Selenium	77-2	110	117	133	120	10.02	cps
Selenium	78-2	243	230	197	223	10.76	cps
Silicon	28-1	10398120	10472019	10578142	10482760	0.86	cps
Silver	107-1	8406	8326	8282	8338	0.75	cps
Silver	109-1	7979	8066	7502	7849	3.87	cps
Sodium	23-2	138563	142569	139814	140315	1.46	cps
Strontium	86-1	168481	170912	171934	170442	1.04	cps
Strontium	88-1	1487541	1550513	1542106	1526720	2.24	cps
Sulfur	34-1	142783	142413	142399	142532	0.15	cps
Terbium	159-1	6562223	6578259	6616470	6585651	0.42	cps
Terbium	159-2	4194500	2729068	3662866	3528811	21.02	cps
Thallium	203-1	2564	2497	2494	2518	1.57	cps
Thallium	205-1	2966	3014	2987	2989	0.80	cps
Tin	118-1	37559	37566	37532	37552	0.05	cps
Titanium	47-1	888725	901540	903174	897813	0.88	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-16	Instrumnet Name :	P7
Client Sample ID :	MYD582	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:29:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18870	19534	18857	19087	2.03	cps
Vanadium	51-2	252852	258264	247824	252980	2.06	cps
Yttrium	89-1	8247589	8425216	8397845	8356883	1.14	cps
Yttrium	89-2	1970961	1325501	1760208	1685557	19.53	cps
Zinc	66-2	157221	161006	157197	158475	1.38	cps
Zirconium	90-1	68291	69487	69490	69090	1.00	cps
Zirconium	91-1	15301	15815	15258	15458	2.01	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-17	Instrumnet Name :	P7
Client Sample ID :	MYD583	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:32:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3560194	3579750	3612488	3584144	0.74	cps
Antimony	121-1	10274	10904	10904	10694	3.40	cps
Arsenic	75-2	13793	13493	13746	13677	1.18	cps
Barium	135-1	490736	492382	496205	493108	0.57	cps
Barium	137-1	845981	857413	861182	854858	0.93	cps
Beryllium	9-1	1277	1250	1280	1269	1.30	cps
Bismuth	209-1	4004229	4068101	4042648	4038326	0.80	cps
Bismuth	209-2	3139573	2908893	3083048	3043838	3.95	cps
Bromine	81-1	9040	9103	9386	9176	2.01	cps
Bromine	81-2	350	307	337	331	6.70	cps
Cadmium	108-1	250	267	293	270	8.09	cps
Cadmium	106-1	2557	2544	2514	2538	0.87	cps
Cadmium	111-1	4989	4898	4878	4921	1.20	cps
Calcium	43-1	229323	231763	229726	230271	0.57	cps
Calcium	44-1	3424926	3445499	3449795	3440073	0.39	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102009	101511	100941	101487	0.53	cps
Cobalt	59-2	78346	78269	78269	78295	0.06	cps
Copper	63-2	641728	641914	639463	641035	0.21	cps
Dysprosium	156-1	35291	36043	36915	36083	2.25	cps
Dysprosium	156-2	27774	27657	27714	27715	0.21	cps
Erbium	164-1	29598	29685	29291	29525	0.70	cps
Erbium	164-2	19457	19490	19547	19498	0.23	cps
Gadolinium	160-1	32748	34068	32885	33234	2.18	cps
Gadolinium	160-2	22481	22612	22562	22552	0.29	cps
Holmium	165-1	6507441	6419923	6462128	6463164	0.68	cps
Holmium	165-2	4286182	3921373	4294379	4167312	5.11	cps
Indium	115-1	4648792	4712116	4736158	4699022	0.96	cps
Indium	115-2	1438966	1329900	1444185	1404350	4.59	cps
Iron	56-2	98450622	99158692	98675332	98761549	0.37	cps
Iron	57-2	2451401	2529972	2461766	2481046	1.72	cps
Iron	54-2	5445265	5423967	5380640	5416624	0.61	cps
Krypton	83-1	147	143	107	132	16.79	cps

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-17	Instrumnet Name :	P7
Client Sample ID :	MYD583	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:32:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	507930	517737	516321	513996	1.03	cps
Lead	207-1	443612	452467	451013	449031	1.06	cps
Lead	208-1	1989281	2037894	2030541	2019239	1.30	cps
Lithium	6-1	1004381	1048573	1034568	1029174	2.19	cps
Magnesium	24-2	2376213	2379362	2338879	2364818	0.95	cps
Manganese	55-2	2995341	2952067	2932613	2960007	1.08	cps
Molybdenum	94-1	22324	22003	22621	22316	1.38	cps
Molybdenum	95-1	3347	3590	3367	3435	3.93	cps
Molybdenum	96-1	8299	8272	8132	8235	1.09	cps
Molybdenum	97-1	2177	2094	2054	2108	2.99	cps
Molybdenum	98-1	5321	5514	5438	5424	1.80	cps
Neodymium	150-1	59290	61687	60717	60565	1.99	cps
Neodymium	150-2	33790	33326	32948	33355	1.26	cps
Nickel	60-2	30628	31122	30160	30637	1.57	cps
Phosphorus	31-2	11451	11491	11304	11415	0.86	cps
Potassium	39-2	2193573	2223104	2212010	2209562	0.68	cps
Rhodium	103-1	4196869	4140901	4211782	4183184	0.89	cps
Rhodium	103-2	2303641	2107383	2287412	2232812	4.88	cps
Scandium	45-1	2570532	2574680	2568696	2571303	0.12	cps
Scandium	45-2	205459	189869	205997	200442	4.57	cps
Selenium	82-1	285	259	288	278	5.80	cps
Selenium	77-2	107	80	100	96	14.52	cps
Selenium	78-2	230	193	210	211	8.69	cps
Silicon	28-1	9643009	9711482	9699177	9684556	0.38	cps
Silver	107-1	5601	5478	5444	5508	1.50	cps
Silver	109-1	5004	5324	5428	5252	4.20	cps
Sodium	23-2	95688	96573	95433	95898	0.62	cps
Strontium	86-1	113302	114934	115505	114580	1.00	cps
Strontium	88-1	990291	1015997	1013250	1006512	1.40	cps
Sulfur	34-1	128528	130837	127540	128968	1.31	cps
Terbium	159-1	6502062	6541193	6512352	6518536	0.31	cps
Terbium	159-2	4100465	3874972	4188097	4054511	3.98	cps
Thallium	203-1	1677	1703	1633	1671	2.11	cps
Thallium	205-1	1740	1875	1674	1763	5.82	cps
Tin	118-1	83892	84553	84516	84320	0.44	cps
Titanium	47-1	632154	638057	639808	636673	0.63	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-17	Instrumnet Name :	P7
Client Sample ID :	MYD583	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:32:34	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12649	12873	13290	12937	2.51	cps
Vanadium	51-2	165790	168435	166001	166742	0.88	cps
Yttrium	89-1	8110995	8085124	8131519	8109212	0.29	cps
Yttrium	89-2	1906032	1808734	1927717	1880828	3.37	cps
Zinc	66-2	106838	106063	106624	106508	0.38	cps
Zirconium	90-1	53989	55541	56063	55198	1.95	cps
Zirconium	91-1	12062	12425	12712	12400	2.63	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:35:48	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14230	14220	14587	14346	1.46	cps
Antimony	121-1	1030	1060	1090	1060	2.83	cps
Arsenic	75-2	63	47	47	52	18.42	cps
Barium	135-1	8606	8869	9326	8934	4.08	cps
Barium	137-1	14798	15472	15979	15416	3.84	cps
Beryllium	9-1	67	63	80	70	12.60	cps
Bismuth	209-1	3337600	3516853	3653505	3502653	4.52	cps
Bismuth	209-2	2766060	2847331	2599356	2737583	4.62	cps
Bromine	81-1	7619	7389	7272	7426	2.38	cps
Bromine	81-2	70	67	97	78	21.14	cps
Cadmium	108-1	27	23	20	23	14.29	cps
Cadmium	106-1	1753	1707	1670	1710	2.44	cps
Cadmium	111-1	1232	1195	1175	1201	2.41	cps
Calcium	43-1	15745	16980	16796	16507	4.04	cps
Calcium	44-1	261231	276001	284018	273750	4.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4081	3834	4114	4009	3.82	cps
Cobalt	59-2	327	433	450	403	16.59	cps
Copper	63-2	7022	6702	6592	6772	3.30	cps
Dysprosium	156-1	113	140	137	130	11.18	cps
Dysprosium	156-2	87	97	100	94	7.35	cps
Erbium	164-1	83	93	93	90	6.42	cps
Erbium	164-2	60	40	67	56	24.98	cps
Gadolinium	160-1	87	103	97	96	8.78	cps
Gadolinium	160-2	260	197	227	228	13.91	cps
Holmium	165-1	5350832	5675341	5704241	5576804	3.52	cps
Holmium	165-2	3893980	3911785	3545832	3783866	5.45	cps
Indium	115-1	3944157	4159402	4226101	4109887	3.59	cps
Indium	115-2	1323580	1313262	1201930	1279591	5.27	cps
Iron	56-2	438622	442481	451756	444286	1.52	cps
Iron	57-2	11651	11988	11771	11804	1.45	cps
Iron	54-2	25769	25602	26066	25812	0.91	cps
Krypton	83-1	90	70	70	77	15.06	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:35:48	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2550	2744	2540	2611	4.39	cps
Lead	207-1	2114	2270	2274	2219	4.12	cps
Lead	208-1	8487	9165	8955	8869	3.91	cps
Lithium	6-1	929622	924792	938618	931011	0.75	cps
Magnesium	24-2	30430	31429	31639	31166	2.07	cps
Manganese	55-2	8756	8626	8533	8638	1.30	cps
Molybdenum	94-1	15689	11051	10087	12275	24.40	cps
Molybdenum	95-1	827	877	967	890	7.97	cps
Molybdenum	96-1	3637	2824	2557	3006	18.72	cps
Molybdenum	97-1	613	587	547	582	5.76	cps
Molybdenum	98-1	1473	1473	1403	1450	2.79	cps
Neodymium	150-1	90	87	130	102	23.59	cps
Neodymium	150-2	60	57	53	57	5.89	cps
Nickel	60-2	423	453	457	444	4.13	cps
Phosphorus	31-2	173	190	193	186	5.77	cps
Potassium	39-2	45518	45605	45665	45596	0.16	cps
Rhodium	103-1	3523159	3689977	3752349	3655161	3.24	cps
Rhodium	103-2	2094172	2097136	1960024	2050444	3.82	cps
Scandium	45-1	2035071	2135874	2209181	2126709	4.11	cps
Scandium	45-2	177708	177020	162801	172510	4.88	cps
Selenium	82-1	122	171	200	164	23.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	83	137	123	114	24.26	cps
Silicon	28-1	11394647	11931126	12159317	11828363	3.32	cps
Silver	107-1	570	467	333	457	25.98	cps
Silver	109-1	560	317	257	378	42.52	cps
Sodium	23-2	607067	609893	622623	613194	1.35	cps
Strontium	86-1	7535	7652	8002	7730	3.14	cps
Strontium	88-1	65378	69001	70655	68345	3.95	cps
Sulfur	34-1	97311	92085	89447	92947	4.31	cps
Terbium	159-1	5412339	5778866	5799314	5663506	3.84	cps
Terbium	159-2	3784823	3828536	3475247	3696202	5.21	cps
Thallium	203-1	333	280	240	284	16.46	cps
Thallium	205-1	753	569	525	616	19.60	cps
Tin	118-1	6375	6495	6642	6504	2.05	cps
Titanium	47-1	4427	4724	5368	4840	9.94	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P4161-08	Instrumnet Name :	P7
Client Sample ID :	YE0T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:35:48	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	263	253	277	264	4.43	cps
Vanadium	51-2	320	377	320	339	9.65	cps
Yttrium	89-1	6429134	6825827	7005409	6753457	4.37	cps
Yttrium	89-2	1661980	1659309	1488313	1603201	6.21	cps
Zinc	66-2	4554	4551	4627	4577	0.95	cps
Zirconium	90-1	41945	27740	25783	31822	27.72	cps
Zirconium	91-1	9173	6291	5748	7071	26.03	cps

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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-18	Instrumnet Name :	P7
Client Sample ID :	MYD584	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:39:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5443618	5310135	5368420	5374058	1.25	cps
Antimony	121-1	15916	16056	16099	16023	0.60	cps
Arsenic	75-2	23075	22965	22891	22977	0.40	cps
Barium	135-1	818228	820722	812111	817020	0.54	cps
Barium	137-1	1418873	1430368	1409605	1419615	0.73	cps
Beryllium	9-1	2077	1993	1897	1989	4.53	cps
Bismuth	209-1	4255929	4285482	4173847	4238419	1.36	cps
Bismuth	209-2	3235184	3186754	3115390	3179109	1.90	cps
Bromine	81-1	8713	8776	9173	8887	2.81	cps
Bromine	81-2	460	497	390	449	12.07	cps
Cadmium	108-1	270	390	367	342	18.59	cps
Cadmium	106-1	2890	2890	2760	2847	2.64	cps
Cadmium	111-1	5575	5661	5593	5609	0.81	cps
Calcium	43-1	453498	456924	457728	456050	0.49	cps
Calcium	44-1	6811476	6945206	6853473	6870051	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154886	152091	152377	153118	1.00	cps
Cobalt	59-2	126178	123493	124733	124801	1.08	cps
Copper	63-2	852149	850762	849901	850937	0.13	cps
Dysprosium	156-1	60757	60600	61022	60793	0.35	cps
Dysprosium	156-2	45711	46059	45824	45865	0.39	cps
Erbium	164-1	52241	52344	50859	51814	1.60	cps
Erbium	164-2	33316	32638	33423	33126	1.29	cps
Gadolinium	160-1	57902	57943	56671	57505	1.26	cps
Gadolinium	160-2	38987	38931	38710	38876	0.38	cps
Holmium	165-1	6824649	6817348	6654893	6765630	1.42	cps
Holmium	165-2	4435960	4426467	4331724	4398050	1.31	cps
Indium	115-1	4948902	4980205	4894264	4941124	0.88	cps
Indium	115-2	1490524	1478228	1476790	1481847	0.51	cps
Iron	56-2	210498024	210349897	210399090	210415670	0.04	cps
Iron	57-2	5236070	5235825	5132903	5201599	1.14	cps
Iron	54-2	11579344	11521900	11506596	11535947	0.33	cps
Krypton	83-1	147	127	163	146	12.61	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-18	Instrumnet Name :	P7
Client Sample ID :	MYD584	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:39:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	646379	647244	643048	645557	0.34	cps
Lead	207-1	580249	585708	573289	579749	1.07	cps
Lead	208-1	2575032	2586809	2554147	2571996	0.64	cps
Lithium	6-1	1100536	1135506	1096970	1111004	1.92	cps
Magnesium	24-2	3783647	3714105	3709382	3735711	1.11	cps
Manganese	55-2	4824026	4775970	4783120	4794372	0.54	cps
Molybdenum	94-1	32727	32680	32716	32708	0.08	cps
Molybdenum	95-1	6992	7165	6772	6976	2.83	cps
Molybdenum	96-1	14811	15281	14714	14936	2.03	cps
Molybdenum	97-1	4107	4317	4417	4281	3.70	cps
Molybdenum	98-1	11184	11188	11148	11173	0.20	cps
Neodymium	150-1	103288	104362	104356	104002	0.59	cps
Neodymium	150-2	56690	55980	55569	56080	1.01	cps
Nickel	60-2	51632	52338	51906	51958	0.68	cps
Phosphorus	31-2	20801	20637	20651	20696	0.44	cps
Potassium	39-2	3028916	3018132	3005768	3017605	0.38	cps
Rhodium	103-1	4411129	4413866	4271172	4365389	1.87	cps
Rhodium	103-2	2387453	2369417	2401875	2386249	0.68	cps
Scandium	45-1	2781625	2777239	2731987	2763617	0.99	cps
Scandium	45-2	220378	218400	217543	218774	0.66	cps
Selenium	82-1	331	375	268	324	16.60	cps
Selenium	77-2	117	143	147	136	12.13	cps
Selenium	78-2	270	273	300	281	5.85	cps
Silicon	28-1	7417885	7405233	7433403	7418840	0.19	cps
Silver	107-1	6995	7035	6772	6934	2.05	cps
Silver	109-1	6468	6802	6525	6598	2.70	cps
Sodium	23-2	118323	118807	120580	119237	1.00	cps
Strontium	86-1	208342	208936	207146	208141	0.44	cps
Strontium	88-1	1838674	1829029	1856611	1841438	0.76	cps
Sulfur	34-1	134233	139063	142073	138456	2.86	cps
Terbium	159-1	6999127	7005473	6889788	6964796	0.93	cps
Terbium	159-2	4405497	4393987	4251582	4350355	1.97	cps
Thallium	203-1	2310	2524	2244	2359	6.20	cps
Thallium	205-1	2401	2297	2275	2324	2.90	cps
Tin	118-1	50889	52395	51167	51484	1.56	cps
Titanium	47-1	745550	753467	752406	750475	0.57	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-18	Instrumnet Name :	P7
Client Sample ID :	MYD584	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:39:06	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21484	22556	22075	22038	2.44	cps
Vanadium	51-2	265128	263906	265053	264696	0.26	cps
Yttrium	89-1	8926209	9011370	8814393	8917324	1.11	cps
Yttrium	89-2	2066637	2048249	2032470	2049119	0.83	cps
Zinc	66-2	170693	169513	168669	169625	0.60	cps
Zirconium	90-1	78140	77044	79423	78202	1.52	cps
Zirconium	91-1	17778	17210	17637	17542	1.68	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P7
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:42:19	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5799266	5782884	5769865	5784005	0.25	cps
Antimony	121-1	2996605	3026862	3065352	3029606	1.14	cps
Arsenic	75-2	125102	124110	125021	124744	0.44	cps
Barium	135-1	4165966	4239887	4221407	4209087	0.91	cps
Barium	137-1	7293186	7209610	7270634	7257810	0.60	cps
Beryllium	9-1	548421	553657	556505	552861	0.74	cps
Bismuth	209-1	3666908	3696669	3690134	3684570	0.42	cps
Bismuth	209-2	2734966	2680419	2798860	2738082	2.17	cps
Bromine	81-1	6905	6652	6582	6713	2.54	cps
Bromine	81-2	33	47	33	38	20.39	cps
Cadmium	108-1	52531	51889	52685	52368	0.81	cps
Cadmium	106-1	75846	76550	76058	76151	0.47	cps
Cadmium	111-1	696144	697613	698501	697419	0.17	cps
Calcium	43-1	3874770	3904582	3919873	3899742	0.59	cps
Calcium	44-1	61028641	61729151	61859496	61539096	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	984742	983003	982131	983292	0.14	cps
Cobalt	59-2	1487852	1456975	1462833	1469220	1.12	cps
Copper	63-2	10134965	10199748	10120225	10151646	0.42	cps
Dysprosium	156-1	280	223	240	248	11.75	cps
Dysprosium	156-2	367	370	297	344	12.02	cps
Erbium	164-1	183	127	130	147	21.68	cps
Erbium	164-2	120	117	93	110	13.21	cps
Gadolinium	160-1	177	140	177	164	12.87	cps
Gadolinium	160-2	273	300	283	286	4.72	cps
Holmium	165-1	6237623	6229464	6162687	6209925	0.66	cps
Holmium	165-2	4053042	4005327	4104340	4054236	1.22	cps
Indium	115-1	4308397	4330621	4221127	4286715	1.35	cps
Indium	115-2	1290982	1292154	1294915	1292684	0.16	cps
Iron	56-2	218487830	217064450	217573123	217708468	0.33	cps
Iron	57-2	5449320	5397246	5376223	5407596	0.70	cps
Iron	54-2	11870689	11783274	11880562	11844842	0.45	cps
Krypton	83-1	117	93	110	107	11.27	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P7
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:42:19	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12492917	12605864	12886696	12661826	1.60	cps
Lead	207-1	10977500	11109284	11285038	11123941	1.39	cps
Lead	208-1	45890198	46627117	47526576	46681297	1.76	cps
Lithium	6-1	964219	984778	975054	974684	1.06	cps
Magnesium	24-2	46708329	47092414	46830623	46877122	0.42	cps
Manganese	55-2	7502955	7630130	7500789	7544625	0.98	cps
Molybdenum	94-1	10464467	10591958	10597067	10551164	0.71	cps
Molybdenum	95-1	15141934	15378851	15203757	15241514	0.81	cps
Molybdenum	96-1	16617462	16685539	16662890	16655297	0.21	cps
Molybdenum	97-1	9556543	9514332	9644463	9571779	0.69	cps
Molybdenum	98-1	24929638	24708190	24919925	24852585	0.50	cps
Neodymium	150-1	407	340	403	383	9.80	cps
Neodymium	150-2	107	73	100	93	18.90	cps
Nickel	60-2	354893	354790	354135	354606	0.12	cps
Phosphorus	31-2	57959	59545	57447	58317	1.88	cps
Potassium	39-2	28796306	28879003	28821455	28832255	0.15	cps
Rhodium	103-1	3688415	3713189	3660518	3687374	0.71	cps
Rhodium	103-2	2000814	2022210	2016042	2013022	0.55	cps
Scandium	45-1	2337395	2288780	2295087	2307087	1.15	cps
Scandium	45-2	185358	186883	187373	186538	0.56	cps
Selenium	82-1	40019	40160	40272	40150	0.32	cps
Selenium	77-2	3587	3534	3610	3577	1.10	cps
Selenium	78-2	12188	12135	11978	12101	0.90	cps
Silicon	28-1	8048075	8100630	8069393	8072699	0.33	cps
Silver	107-1	3408514	3489326	3459202	3452347	1.18	cps
Silver	109-1	3283083	3280459	3326363	3296635	0.78	cps
Sodium	23-2	78953852	79491064	79077519	79174145	0.36	cps
Strontium	86-1	23383478	23473895	23617825	23491732	0.50	cps
Strontium	88-1	204635224	205756904	208533804	206308644	0.97	cps
Sulfur	34-1	355934	350707	348771	351804	1.05	cps
Terbium	159-1	6272438	6318817	6312301	6301186	0.40	cps
Terbium	159-2	3931359	3923266	3906367	3920331	0.33	cps
Thallium	203-1	3111706	3144793	3149354	3135284	0.66	cps
Thallium	205-1	7084342	7229811	7241922	7185358	1.22	cps
Tin	118-1	2545787	2546631	2624437	2572285	1.76	cps
Titanium	47-1	3598275	3610870	3626413	3611853	0.39	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P7
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:42:19	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10952972	11121802	11328625	11134466	1.69	cps
Vanadium	51-2	896879	904393	899278	900183	0.43	cps
Yttrium	89-1	7332020	7392728	7233605	7319451	1.10	cps
Yttrium	89-2	1684171	1703819	1686170	1691387	0.64	cps
Zinc	66-2	1682907	1697715	1674428	1685017	0.70	cps
Zirconium	90-1	4967321	5100405	4993967	5020564	1.40	cps
Zirconium	91-1	1104957	1111229	1121903	1112696	0.77	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P7
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:45:08	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	257	207	239	11.70	cps
Antimony	121-1	2817	2690	3047	2851	6.34	cps
Arsenic	75-2	13	17	7	12	41.65	cps
Barium	135-1	220	163	120	168	29.89	cps
Barium	137-1	370	330	203	301	28.90	cps
Beryllium	9-1	213	173	170	186	13.00	cps
Bismuth	209-1	3863311	3948765	3992408	3934828	1.67	cps
Bismuth	209-2	3039842	3039218	3048188	3042416	0.16	cps
Bromine	81-1	7018	6758	6702	6826	2.48	cps
Bromine	81-2	57	33	57	49	27.56	cps
Cadmium	108-1	7	13	3	8	65.47	cps
Cadmium	106-1	1947	2040	2030	2006	2.56	cps
Cadmium	111-1	1435	1465	1445	1449	1.08	cps
Calcium	43-1	397	407	333	379	10.50	cps
Calcium	44-1	6702	6195	5281	6059	11.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	357	323	383	354	8.48	cps
Cobalt	59-2	67	80	97	81	18.53	cps
Copper	63-2	853	857	867	859	0.81	cps
Dysprosium	156-1	30	53	23	36	44.31	cps
Dysprosium	156-2	3	17	10	10	66.70	cps
Erbium	164-1	20	17	23	20	16.65	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	10	23	20	18	39.03	cps
Gadolinium	160-2	127	170	117	138	20.57	cps
Holmium	165-1	6141946	6227558	6189794	6186433	0.69	cps
Holmium	165-2	4098964	4127540	4101633	4109379	0.38	cps
Indium	115-1	4490141	4572093	4590530	4550921	1.17	cps
Indium	115-2	1399592	1404386	1409227	1404402	0.34	cps
Iron	56-2	14801	14334	14717	14617	1.70	cps
Iron	57-2	820	793	723	779	6.41	cps
Iron	54-2	1423	1467	1320	1403	5.37	cps
Krypton	83-1	87	93	100	93	7.14	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P7
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:45:08	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1503	1243	967	1238	21.68	cps
Lead	207-1	1293	1003	833	1043	22.29	cps
Lead	208-1	5894	4713	3705	4770	22.96	cps
Lithium	6-1	1001035	992325	997191	996850	0.44	cps
Magnesium	24-2	1677	1653	1847	1726	6.12	cps
Manganese	55-2	443	350	443	412	13.07	cps
Molybdenum	94-1	1437	1190	963	1197	19.78	cps
Molybdenum	95-1	1257	1000	920	1059	16.61	cps
Molybdenum	96-1	1520	1327	1053	1300	18.04	cps
Molybdenum	97-1	817	740	480	679	25.99	cps
Molybdenum	98-1	2187	1763	1423	1791	21.35	cps
Neodymium	150-1	3	0	7	3	100.05	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	63	73	68	7.51	cps
Phosphorus	31-2	107	97	97	100	5.77	cps
Potassium	39-2	34442	34375	34375	34398	0.11	cps
Rhodium	103-1	3991242	4053176	4080441	4041619	1.13	cps
Rhodium	103-2	2286570	2260511	2249760	2265614	0.84	cps
Scandium	45-1	2293419	2360112	2362648	2338726	1.68	cps
Scandium	45-2	189293	189883	190846	190007	0.41	cps
Selenium	82-1	111	144	151	135	15.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	137	83	103	108	25.00	cps
Silicon	28-1	151156	149692	149961	150270	0.52	cps
Silver	107-1	593	523	363	493	23.90	cps
Silver	109-1	590	427	363	460	25.43	cps
Sodium	23-2	19159	19042	18528	18909	1.77	cps
Strontium	86-1	1440	980	720	1047	34.84	cps
Strontium	88-1	10517	7882	5098	7832	34.60	cps
Sulfur	34-1	128098	131204	130340	129881	1.23	cps
Terbium	159-1	6264458	6364483	6227392	6285444	1.13	cps
Terbium	159-2	3926421	4050875	4055701	4010999	1.83	cps
Thallium	203-1	517	473	420	470	10.30	cps
Thallium	205-1	1449	1034	927	1137	24.27	cps
Tin	118-1	1280	1283	1380	1315	4.32	cps
Titanium	47-1	320	310	277	302	7.51	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P7
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:45:08	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	537	343	313	398	30.47	cps
Vanadium	51-2	13	20	30	21	39.75	cps
Yttrium	89-1	7251423	7360272	7445776	7352490	1.32	cps
Yttrium	89-2	1792235	1760761	1767480	1773492	0.93	cps
Zinc	66-2	197	193	180	190	4.64	cps
Zirconium	90-1	1557	1307	1110	1325	16.90	cps
Zirconium	91-1	337	320	270	309	11.23	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-19	Instrumnet Name :	P7
Client Sample ID :	MYD585	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:48:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6026060	5922563	5996142	5981588	0.89	cps
Antimony	121-1	14851	15635	16056	15514	3.94	cps
Arsenic	75-2	29957	29469	30121	29849	1.13	cps
Barium	135-1	822514	841757	861414	841895	2.31	cps
Barium	137-1	1425967	1471404	1488322	1461898	2.21	cps
Beryllium	9-1	1900	1940	1937	1926	1.15	cps
Bismuth	209-1	4018631	4054844	4036071	4036515	0.45	cps
Bismuth	209-2	3102257	3091768	3103402	3099143	0.21	cps
Bromine	81-1	13253	13410	14581	13748	5.28	cps
Bromine	81-2	1260	1263	1420	1315	6.96	cps
Cadmium	108-1	397	417	303	372	16.25	cps
Cadmium	106-1	2870	2977	2880	2909	2.03	cps
Cadmium	111-1	6312	6523	6568	6468	2.11	cps
Calcium	43-1	823736	848218	861534	844496	2.27	cps
Calcium	44-1	12337910	12881998	12990076	12736661	2.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185339	186433	187270	186348	0.52	cps
Cobalt	59-2	189317	188464	189618	189133	0.32	cps
Copper	63-2	859971	857986	864167	860708	0.37	cps
Dysprosium	156-1	57845	59857	60024	59242	2.05	cps
Dysprosium	156-2	44982	45704	46299	45662	1.45	cps
Erbium	164-1	48879	50581	50150	49870	1.77	cps
Erbium	164-2	32762	32397	32715	32625	0.61	cps
Gadolinium	160-1	54659	55111	55965	55245	1.20	cps
Gadolinium	160-2	37854	37798	38255	37969	0.66	cps
Holmium	165-1	6577974	6566193	6557882	6567349	0.15	cps
Holmium	165-2	4391295	4333515	4294932	4339914	1.12	cps
Indium	115-1	4732703	4814865	4785107	4777558	0.87	cps
Indium	115-2	1481565	1474290	1470068	1475308	0.39	cps
Iron	56-2	182085897	183573757	182529137	182729597	0.42	cps
Iron	57-2	4530124	4513455	4520601	4521393	0.18	cps
Iron	54-2	10051579	10023222	10094921	10056574	0.36	cps
Krypton	83-1	143	140	183	156	15.50	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-19	Instrumnet Name :	P7
Client Sample ID :	MYD585	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:48:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	498303	505469	511409	505061	1.30	cps
Lead	207-1	432030	443525	451772	442442	2.24	cps
Lead	208-1	1923766	1962832	1982226	1956275	1.52	cps
Lithium	6-1	1018653	1038272	1031575	1029500	0.97	cps
Magnesium	24-2	4694349	4655908	4628932	4659730	0.71	cps
Manganese	55-2	6128675	6153454	6196604	6159578	0.56	cps
Molybdenum	94-1	19707	20281	20918	20302	2.99	cps
Molybdenum	95-1	9513	9260	9617	9463	1.94	cps
Molybdenum	96-1	14384	14764	14938	14695	1.93	cps
Molybdenum	97-1	5704	6028	6308	6014	5.02	cps
Molybdenum	98-1	14357	14971	15418	14915	3.57	cps
Neodymium	150-1	96487	98270	99531	98096	1.56	cps
Neodymium	150-2	54361	54063	53795	54073	0.52	cps
Nickel	60-2	58032	58105	57667	57935	0.41	cps
Phosphorus	31-2	28523	29001	28590	28705	0.90	cps
Potassium	39-2	4597348	4617162	4596741	4603750	0.25	cps
Rhodium	103-1	4145322	4153515	4189290	4162709	0.56	cps
Rhodium	103-2	2375418	2334248	2344521	2351395	0.91	cps
Scandium	45-1	2613219	2700946	2725611	2679925	2.20	cps
Scandium	45-2	220669	221045	219789	220501	0.29	cps
Selenium	82-1	376	375	414	388	5.74	cps
Selenium	77-2	140	160	147	149	6.84	cps
Selenium	78-2	270	257	273	267	3.31	cps
Silicon	28-1	7794221	8046022	8190967	8010403	2.51	cps
Silver	107-1	7302	7172	7415	7296	1.67	cps
Silver	109-1	7092	7135	7325	7184	1.73	cps
Sodium	23-2	237459	235463	237758	236893	0.53	cps
Strontium	86-1	286693	295482	299480	293885	2.23	cps
Strontium	88-1	2604470	2674572	2702721	2660588	1.90	cps
Sulfur	34-1	165239	169275	173809	169441	2.53	cps
Terbium	159-1	6624169	6721734	6618986	6654963	0.87	cps
Terbium	159-2	4196152	4227642	4183027	4202274	0.55	cps
Thallium	203-1	3067	3060	3157	3095	1.74	cps
Thallium	205-1	1623	2133	2010	1922	13.85	cps
Tin	118-1	19824	21139	20875	20613	3.38	cps
Titanium	47-1	752285	779864	789256	773802	2.48	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-19	Instrumnet Name :	P7
Client Sample ID :	MYD585	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:48:29	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24693	25458	25328	25159	1.63	cps
Vanadium	51-2	327485	324862	328035	326794	0.52	cps
Yttrium	89-1	8471856	8469231	8639587	8526891	1.14	cps
Yttrium	89-2	2065855	2039238	2050482	2051858	0.65	cps
Zinc	66-2	158531	158099	157540	158057	0.31	cps
Zirconium	90-1	39587	41389	41639	40872	2.74	cps
Zirconium	91-1	9170	8976	9563	9236	3.24	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-20	Instrumnet Name :	P7
Client Sample ID :	MYD586	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:51:40	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6982643	6943450	6928266	6951453	0.40	cps
Antimony	121-1	16152	16746	16633	16511	1.91	cps
Arsenic	75-2	27031	27048	27242	27107	0.43	cps
Barium	135-1	854315	860999	859785	858366	0.41	cps
Barium	137-1	1460120	1498123	1500856	1486366	1.53	cps
Beryllium	9-1	2307	2550	2357	2405	5.34	cps
Bismuth	209-1	4056592	4146666	4159736	4120998	1.36	cps
Bismuth	209-2	3093891	3183508	3145671	3141023	1.43	cps
Bromine	81-1	11808	12002	11922	11910	0.82	cps
Bromine	81-2	770	760	803	778	2.92	cps
Cadmium	108-1	397	380	403	393	3.06	cps
Cadmium	106-1	3064	2944	3017	3008	2.01	cps
Cadmium	111-1	5918	6055	6010	5994	1.17	cps
Calcium	43-1	457629	464114	466529	462757	0.99	cps
Calcium	44-1	6867440	7013070	7032427	6970979	1.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	195064	195449	194986	195166	0.13	cps
Cobalt	59-2	150162	148052	149883	149366	0.77	cps
Copper	63-2	885727	882038	882893	883553	0.22	cps
Dysprosium	156-1	68071	68616	69102	68596	0.75	cps
Dysprosium	156-2	52511	52816	52889	52739	0.38	cps
Erbium	164-1	54891	56400	57277	56189	2.15	cps
Erbium	164-2	36531	36053	36812	36465	1.05	cps
Gadolinium	160-1	62867	64082	63764	63571	0.99	cps
Gadolinium	160-2	42889	43892	44223	43668	1.59	cps
Holmium	165-1	6562171	6780804	6800554	6714510	1.97	cps
Holmium	165-2	4352559	4447017	4382050	4393875	1.10	cps
Indium	115-1	4843559	5017132	4998618	4953103	1.92	cps
Indium	115-2	1499936	1496031	1496365	1497444	0.14	cps
Iron	56-2	185865344	186189657	185167797	185740933	0.28	cps
Iron	57-2	4581830	4609262	4559611	4583568	0.54	cps
Iron	54-2	10227061	10089992	10127066	10148039	0.70	cps
Krypton	83-1	147	173	160	160	8.33	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-20	Instrumnet Name :	P7
Client Sample ID :	MYD586	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:51:40	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	663776	683433	689341	678850	1.97	cps
Lead	207-1	598680	610322	611954	606985	1.19	cps
Lead	208-1	2636330	2710031	2712788	2686383	1.61	cps
Lithium	6-1	1047381	1066729	1067257	1060455	1.07	cps
Magnesium	24-2	4652681	4622556	4616570	4630602	0.42	cps
Manganese	55-2	5289590	5191295	5202918	5227934	1.03	cps
Molybdenum	94-1	41345	41351	41622	41439	0.38	cps
Molybdenum	95-1	6461	6865	6612	6646	3.07	cps
Molybdenum	96-1	15175	15588	16139	15634	3.09	cps
Molybdenum	97-1	4017	4111	4197	4108	2.19	cps
Molybdenum	98-1	10164	10457	10307	10309	1.42	cps
Neodymium	150-1	115169	116426	118130	116575	1.27	cps
Neodymium	150-2	63234	63452	63515	63400	0.23	cps
Nickel	60-2	60408	59685	60056	60050	0.60	cps
Phosphorus	31-2	21832	21922	21625	21793	0.70	cps
Potassium	39-2	4024724	4033093	4040259	4032692	0.19	cps
Rhodium	103-1	4313263	4354967	4272628	4313619	0.95	cps
Rhodium	103-2	2379751	2387962	2418666	2395460	0.86	cps
Scandium	45-1	2782718	2850069	2830800	2821196	1.23	cps
Scandium	45-2	228632	226579	226290	227167	0.56	cps
Selenium	82-1	389	351	399	380	6.65	cps
Selenium	77-2	170	140	147	152	10.35	cps
Selenium	78-2	237	300	327	288	16.06	cps
Silicon	28-1	9844509	10010679	10003799	9952996	0.94	cps
Silver	107-1	7896	8209	8322	8142	2.72	cps
Silver	109-1	7345	7916	7892	7718	4.18	cps
Sodium	23-2	167600	166084	168052	167246	0.62	cps
Strontium	86-1	230202	236134	234857	233731	1.34	cps
Strontium	88-1	2064983	2096338	2149532	2103617	2.03	cps
Sulfur	34-1	161725	160207	157169	159700	1.45	cps
Terbium	159-1	6695352	6865322	6784656	6781777	1.25	cps
Terbium	159-2	4312626	4274997	4303857	4297160	0.46	cps
Thallium	203-1	2880	2694	2820	2798	3.41	cps
Thallium	205-1	2615	2472	2593	2560	3.00	cps
Tin	118-1	104754	105758	107924	106145	1.53	cps
Titanium	47-1	917335	939875	942372	933194	1.48	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-20	Instrumnet Name :	P7
Client Sample ID :	MYD586	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:51:40	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24796	25398	24857	25017	1.32	cps
Vanadium	51-2	323644	321191	323704	322846	0.44	cps
Yttrium	89-1	8717722	8936235	8921889	8858615	1.38	cps
Yttrium	89-2	2105958	2108927	2141920	2118935	0.94	cps
Zinc	66-2	192996	193671	192743	193137	0.25	cps
Zirconium	90-1	100353	103535	103273	102387	1.72	cps
Zirconium	91-1	22801	22628	22641	22690	0.43	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-21	Instrumnet Name :	P7
Client Sample ID :	MYD587	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:54:54	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6649996	6673474	6664104	6662525	0.18	cps
Antimony	121-1	15235	15976	15809	15673	2.48	cps
Arsenic	75-2	22283	22470	22223	22326	0.58	cps
Barium	135-1	813709	824192	828681	822194	0.93	cps
Barium	137-1	1415595	1426166	1443645	1428469	0.99	cps
Beryllium	9-1	2194	2240	2244	2226	1.26	cps
Bismuth	209-1	4057487	4048267	4053012	4052922	0.11	cps
Bismuth	209-2	3172103	3127815	3122549	3140822	0.87	cps
Bromine	81-1	11675	11925	12122	11907	1.88	cps
Bromine	81-2	907	777	887	857	8.17	cps
Cadmium	108-1	360	387	443	397	10.73	cps
Cadmium	106-1	3024	2814	2874	2904	3.73	cps
Cadmium	111-1	5995	5693	5865	5851	2.59	cps
Calcium	43-1	432545	437139	441566	437083	1.03	cps
Calcium	44-1	6550178	6616137	6590418	6585578	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	189500	188775	190037	189438	0.33	cps
Cobalt	59-2	144184	143111	143733	143676	0.38	cps
Copper	63-2	846610	845213	838673	843499	0.50	cps
Dysprosium	156-1	65050	66413	66651	66038	1.31	cps
Dysprosium	156-2	50654	50607	50353	50538	0.32	cps
Erbium	164-1	53097	54907	53997	54000	1.68	cps
Erbium	164-2	35886	35542	35308	35579	0.82	cps
Gadolinium	160-1	60520	60778	60972	60756	0.37	cps
Gadolinium	160-2	41070	42043	41692	41602	1.18	cps
Holmium	165-1	6664901	6662423	6722967	6683430	0.51	cps
Holmium	165-2	4337118	4400960	4385805	4374628	0.76	cps
Indium	115-1	4882891	4835446	4892180	4870173	0.62	cps
Indium	115-2	1480962	1485942	1478419	1481774	0.26	cps
Iron	56-2	177235624	175125944	174267297	175542955	0.87	cps
Iron	57-2	4361035	4366065	4333802	4353634	0.40	cps
Iron	54-2	9615727	9572172	9532420	9573439	0.44	cps
Krypton	83-1	150	153	233	179	26.37	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-21	Instrumnet Name :	P7
Client Sample ID :	MYD587	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:54:54	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	616330	629284	635000	626872	1.53	cps
Lead	207-1	559097	561310	566647	562351	0.69	cps
Lead	208-1	2452574	2492529	2507598	2484234	1.14	cps
Lithium	6-1	1055886	1060990	1081726	1066201	1.28	cps
Magnesium	24-2	4502160	4502029	4505322	4503170	0.04	cps
Manganese	55-2	4793923	4751687	4747415	4764342	0.54	cps
Molybdenum	94-1	32520	33298	33642	33153	1.73	cps
Molybdenum	95-1	5881	5848	5738	5822	1.29	cps
Molybdenum	96-1	13273	13339	13803	13472	2.14	cps
Molybdenum	97-1	3714	3654	3754	3707	1.36	cps
Molybdenum	98-1	9473	9206	9723	9468	2.73	cps
Neodymium	150-1	111009	113039	113502	112517	1.18	cps
Neodymium	150-2	61386	61413	61416	61405	0.03	cps
Nickel	60-2	57285	56573	57242	57033	0.70	cps
Phosphorus	31-2	20844	20798	20841	20828	0.13	cps
Potassium	39-2	3932175	3916775	3858495	3902482	1.00	cps
Rhodium	103-1	4298683	4339405	4298350	4312146	0.55	cps
Rhodium	103-2	2357120	2359030	2356136	2357429	0.06	cps
Scandium	45-1	2777813	2747052	2744207	2756358	0.68	cps
Scandium	45-2	222354	223869	223689	223304	0.37	cps
Selenium	82-1	401	384	312	366	12.82	cps
Selenium	77-2	100	133	153	129	20.91	cps
Selenium	78-2	260	270	267	266	1.92	cps
Silicon	28-1	11092024	11297697	11274219	11221313	1.00	cps
Silver	107-1	8276	7836	8216	8109	2.94	cps
Silver	109-1	7065	7515	7795	7459	4.94	cps
Sodium	23-2	159620	160270	161250	160380	0.51	cps
Strontium	86-1	213522	218767	218389	216893	1.35	cps
Strontium	88-1	1901536	1927980	1931291	1920269	0.85	cps
Sulfur	34-1	157532	156771	156235	156846	0.42	cps
Terbium	159-1	6758274	6783567	6898613	6813485	1.10	cps
Terbium	159-2	4233462	4294150	4224693	4250768	0.89	cps
Thallium	203-1	2554	2604	2600	2586	1.08	cps
Thallium	205-1	2402	2426	2452	2427	1.04	cps
Tin	118-1	30522	31140	31451	31038	1.52	cps
Titanium	47-1	922023	929729	933642	928465	0.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-21	Instrumnet Name :	P7
Client Sample ID :	MYD587	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:54:54	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22265	23160	22843	22756	1.99	cps
Vanadium	51-2	310706	310429	308677	309937	0.36	cps
Yttrium	89-1	8753082	8852638	8787691	8797804	0.57	cps
Yttrium	89-2	2056627	2074006	2038089	2056241	0.87	cps
Zinc	66-2	180209	179107	180068	179795	0.33	cps
Zirconium	90-1	78535	79772	80888	79732	1.48	cps
Zirconium	91-1	17764	18018	18071	17951	0.91	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-22	Instrumnet Name :	P7
Client Sample ID :	MYD588	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:58:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4846306	4898013	4861857	4868725	0.54	cps
Antimony	121-1	5898	5931	6215	6015	2.89	cps
Arsenic	75-2	10007	10180	9717	9968	2.35	cps
Barium	135-1	519464	520359	522325	520716	0.28	cps
Barium	137-1	885394	902368	905820	897861	1.22	cps
Beryllium	9-1	1640	1610	1590	1613	1.56	cps
Bismuth	209-1	3966955	4075676	4007767	4016799	1.37	cps
Bismuth	209-2	3028125	3080384	2892910	3000473	3.22	cps
Bromine	81-1	8539	8523	8516	8526	0.14	cps
Bromine	81-2	187	203	197	196	4.29	cps
Cadmium	108-1	130	190	213	178	24.18	cps
Cadmium	106-1	2647	2717	2587	2650	2.46	cps
Cadmium	111-1	2639	2609	2495	2581	2.94	cps
Calcium	43-1	248260	253602	252972	251611	1.16	cps
Calcium	44-1	3751536	3824669	3876918	3817707	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127990	128488	126747	127742	0.70	cps
Cobalt	59-2	111910	112064	112000	111991	0.07	cps
Copper	63-2	322118	322248	322574	322313	0.07	cps
Dysprosium	156-1	70338	70723	70851	70637	0.38	cps
Dysprosium	156-2	55937	58454	57209	57200	2.20	cps
Erbium	164-1	53790	54379	54753	54307	0.89	cps
Erbium	164-2	34730	35047	34653	34810	0.60	cps
Gadolinium	160-1	59224	60182	59911	59772	0.83	cps
Gadolinium	160-2	40896	40739	39913	40516	1.30	cps
Holmium	165-1	6474367	6542746	6538475	6518529	0.59	cps
Holmium	165-2	4371794	4389980	4045664	4269146	4.54	cps
Indium	115-1	4778098	4740778	4851398	4790091	1.17	cps
Indium	115-2	1473019	1470123	1381370	1441504	3.61	cps
Iron	56-2	164803151	163779911	163385411	163989491	0.45	cps
Iron	57-2	4062437	4110033	4042318	4071596	0.85	cps
Iron	54-2	8983809	8930092	9072318	8995406	0.80	cps
Krypton	83-1	157	187	160	168	9.80	cps

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-22	Instrumnet Name :	P7
Client Sample ID :	MYD588	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:58:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	187340	190721	190124	189395	0.95	cps
Lead	207-1	139286	144910	146032	143409	2.52	cps
Lead	208-1	649235	662672	660994	657634	1.11	cps
Lithium	6-1	1008380	1051444	1060145	1039990	2.67	cps
Magnesium	24-2	3560175	3493509	3531871	3528518	0.95	cps
Manganese	55-2	2939454	2903810	2914133	2919132	0.63	cps
Molybdenum	94-1	42568	43331	43254	43051	0.97	cps
Molybdenum	95-1	5965	5671	6005	5880	3.10	cps
Molybdenum	96-1	15191	15161	15275	15209	0.39	cps
Molybdenum	97-1	3714	3807	3801	3774	1.38	cps
Molybdenum	98-1	9186	9917	9620	9574	3.84	cps
Neodymium	150-1	131291	131856	132717	131955	0.54	cps
Neodymium	150-2	72656	70733	71714	71701	1.34	cps
Nickel	60-2	31830	31490	32342	31887	1.34	cps
Phosphorus	31-2	15341	15942	15204	15496	2.53	cps
Potassium	39-2	2261557	2256131	2244227	2253972	0.39	cps
Rhodium	103-1	4159200	4244188	4270997	4224795	1.38	cps
Rhodium	103-2	2374102	2339836	2217127	2310355	3.57	cps
Scandium	45-1	2665617	2701114	2698732	2688488	0.74	cps
Scandium	45-2	219070	218651	205132	214284	3.70	cps
Selenium	82-1	251	248	291	263	9.08	cps
Selenium	77-2	123	130	177	143	20.27	cps
Selenium	78-2	310	237	267	271	13.60	cps
Silicon	28-1	9761130	9895970	10063420	9906840	1.53	cps
Silver	107-1	1680	1667	1673	1673	0.40	cps
Silver	109-1	1643	1563	1693	1633	4.02	cps
Sodium	23-2	169312	168595	168345	168751	0.30	cps
Strontium	86-1	155528	156623	157064	156405	0.51	cps
Strontium	88-1	1354492	1382510	1382984	1373329	1.19	cps
Sulfur	34-1	125204	125487	124313	125001	0.49	cps
Terbium	159-1	6587159	6600735	6615043	6600979	0.21	cps
Terbium	159-2	4234289	4168588	3953497	4118791	3.57	cps
Thallium	203-1	1433	1587	1397	1472	6.85	cps
Thallium	205-1	862	959	1028	949	8.81	cps
Tin	118-1	21556	22114	21730	21800	1.31	cps
Titanium	47-1	1210895	1224724	1230357	1221992	0.82	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	P2817-22	Instrumnet Name :	P7
Client Sample ID :	MYD588	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 19:58:05	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60302	60948	62077	61109	1.47	cps
Vanadium	51-2	350046	350358	350714	350373	0.10	cps
Yttrium	89-1	8693090	8614238	8716092	8674473	0.62	cps
Yttrium	89-2	2067909	2030349	1959899	2019385	2.72	cps
Zinc	66-2	78106	79399	78702	78736	0.82	cps
Zirconium	90-1	104766	106355	108409	106510	1.71	cps
Zirconium	91-1	24003	23963	23496	23820	1.18	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P7
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:18:11	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5698765	5670576	5737795	5702379	0.59	cps
Antimony	121-1	3008263	3029977	3024293	3020844	0.37	cps
Arsenic	75-2	123179	123848	123384	123470	0.28	cps
Barium	135-1	4209044	4222549	4173797	4201797	0.60	cps
Barium	137-1	7250182	7263522	7289501	7267735	0.28	cps
Beryllium	9-1	556201	559824	549119	555048	0.98	cps
Bismuth	209-1	3484928	3567177	3734027	3595377	3.53	cps
Bismuth	209-2	2737756	2725712	2821462	2761643	1.89	cps
Bromine	81-1	7932	7185	7242	7453	5.58	cps
Bromine	81-2	27	57	73	52	45.28	cps
Cadmium	108-1	52735	52113	52351	52400	0.60	cps
Cadmium	106-1	77813	77626	77318	77586	0.32	cps
Cadmium	111-1	701420	705964	699131	702172	0.50	cps
Calcium	43-1	3949064	3910242	3831220	3896842	1.54	cps
Calcium	44-1	63504212	62235179	60663742	62134378	2.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	966529	962343	969173	966015	0.36	cps
Cobalt	59-2	1430737	1428003	1431890	1430210	0.14	cps
Copper	63-2	9978655	10028697	10033941	10013764	0.30	cps
Dysprosium	156-1	280	257	287	274	5.74	cps
Dysprosium	156-2	267	317	270	284	9.83	cps
Erbium	164-1	170	197	160	176	10.80	cps
Erbium	164-2	107	107	120	111	6.93	cps
Gadolinium	160-1	150	177	153	160	9.08	cps
Gadolinium	160-2	313	270	247	277	12.23	cps
Holmium	165-1	5834479	5932768	6182359	5983202	3.00	cps
Holmium	165-2	4064117	3975665	4100928	4046903	1.59	cps
Indium	115-1	4135496	4096316	4302505	4178106	2.62	cps
Indium	115-2	1284394	1291266	1291074	1288911	0.30	cps
Iron	56-2	215073310	213215090	214855730	214381377	0.47	cps
Iron	57-2	5359524	5318812	5323091	5333809	0.42	cps
Iron	54-2	11766327	11660795	11716626	11714583	0.45	cps
Krypton	83-1	80	87	110	92	17.08	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P7
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:18:11	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12467913	12488342	12450846	12469034	0.15	cps
Lead	207-1	10915880	11090185	11013306	11006457	0.79	cps
Lead	208-1	45494587	46112426	46216550	45941188	0.85	cps
Lithium	6-1	923433	946515	954900	941616	1.73	cps
Magnesium	24-2	46206899	45981719	46106413	46098344	0.24	cps
Manganese	55-2	7451804	7451262	7457345	7453470	0.05	cps
Molybdenum	94-1	10730875	10704447	10612216	10682512	0.58	cps
Molybdenum	95-1	15525854	15415926	15208183	15383321	1.05	cps
Molybdenum	96-1	16826665	16908463	16623354	16786161	0.87	cps
Molybdenum	97-1	9683539	9648368	9541215	9624374	0.77	cps
Molybdenum	98-1	25259386	24896605	24701370	24952454	1.13	cps
Neodymium	150-1	333	410	437	393	13.64	cps
Neodymium	150-2	123	90	130	114	18.73	cps
Nickel	60-2	352583	347893	351744	350740	0.71	cps
Phosphorus	31-2	57203	56564	58106	57291	1.35	cps
Potassium	39-2	28330097	28129246	28215008	28224784	0.36	cps
Rhodium	103-1	3612305	3603375	3718487	3644722	1.76	cps
Rhodium	103-2	2000614	2011689	2014647	2008983	0.37	cps
Scandium	45-1	2302879	2242422	2326941	2290747	1.90	cps
Scandium	45-2	184457	183857	185210	184508	0.37	cps
Selenium	82-1	41315	41222	40382	40973	1.25	cps
Selenium	77-2	3524	3450	3704	3559	3.66	cps
Selenium	78-2	12092	11811	12075	11993	1.31	cps
Silicon	28-1	8256108	8135160	8028823	8140030	1.40	cps
Silver	107-1	3557683	3469427	3447023	3491378	1.68	cps
Silver	109-1	3364931	3321170	3278463	3321521	1.30	cps
Sodium	23-2	78198364	77116964	77774744	77696691	0.70	cps
Strontium	86-1	23784165	24073450	23451935	23769850	1.31	cps
Strontium	88-1	210867344	209917930	205562650	208782641	1.35	cps
Sulfur	34-1	372083	361068	358496	363882	1.98	cps
Terbium	159-1	5939034	5974823	6234189	6049349	2.66	cps
Terbium	159-2	3914911	3902461	3920807	3912726	0.24	cps
Thallium	203-1	3085615	3088238	3104647	3092833	0.33	cps
Thallium	205-1	7006436	7013510	7071067	7030338	0.50	cps
Tin	118-1	2589925	2582439	2580138	2584167	0.20	cps
Titanium	47-1	3729896	3631443	3596802	3652713	1.89	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCV053	Instrumnet Name :	P7
Client Sample ID :	CCV053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:18:11	DataFile Name :	055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10619957	10880110	10833051	10777706	1.29	cps
Vanadium	51-2	885012	881983	884556	883851	0.18	cps
Yttrium	89-1	7190714	7063493	7387544	7213917	2.26	cps
Yttrium	89-2	1682960	1694654	1679262	1685625	0.48	cps
Zinc	66-2	1671647	1668825	1662486	1667653	0.28	cps
Zirconium	90-1	5070320	5055085	4961793	5029066	1.17	cps
Zirconium	91-1	1123451	1115801	1105220	1114824	0.82	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P7
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:21:02	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	960	880	863	901	5.73	cps
Antimony	121-1	3807	3560	3671	3679	3.36	cps
Arsenic	75-2	23	23	33	27	21.65	cps
Barium	135-1	1703	1713	1013	1477	27.18	cps
Barium	137-1	3084	3000	2074	2719	20.62	cps
Beryllium	9-1	393	380	337	370	8.01	cps
Bismuth	209-1	3964665	4034593	4067060	4022106	1.30	cps
Bismuth	209-2	3097533	3156327	3109583	3121148	1.00	cps
Bromine	81-1	6952	6785	6518	6752	3.24	cps
Bromine	81-2	33	47	47	42	18.24	cps
Cadmium	108-1	37	43	27	36	23.58	cps
Cadmium	106-1	2047	2010	1857	1971	5.11	cps
Cadmium	111-1	1770	1697	1508	1658	8.17	cps
Calcium	43-1	2000	1913	1333	1749	20.73	cps
Calcium	44-1	30525	31182	22257	27988	17.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460	460	387	436	9.72	cps
Cobalt	59-2	280	243	200	241	16.61	cps
Copper	63-2	2327	2147	1870	2115	10.88	cps
Dysprosium	156-1	50	30	40	40	25.00	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	30	20	30	27	21.65	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	27	23	10	20	44.10	cps
Gadolinium	160-2	190	200	160	183	11.35	cps
Holmium	165-1	6203691	6217778	6299197	6240222	0.83	cps
Holmium	165-2	4159871	4170126	4164865	4164954	0.12	cps
Indium	115-1	4521335	4664036	4644110	4609827	1.68	cps
Indium	115-2	1421817	1419735	1418982	1420178	0.10	cps
Iron	56-2	44068	38716	34984	39256	11.63	cps
Iron	57-2	1427	1540	1333	1433	7.22	cps
Iron	54-2	3097	2657	2430	2728	12.43	cps
Krypton	83-1	107	90	97	98	8.58	cps

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On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P7
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:21:02	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5598	5761	3801	5053	21.53	cps
Lead	207-1	5088	4874	3474	4479	19.57	cps
Lead	208-1	21027	20857	14677	18854	19.19	cps
Lithium	6-1	1015355	1008795	1005049	1009733	0.52	cps
Magnesium	24-2	8509	7455	6611	7525	12.63	cps
Manganese	55-2	1433	1210	1010	1218	17.39	cps
Molybdenum	94-1	5351	5254	3907	4838	16.68	cps
Molybdenum	95-1	6745	6715	4891	6117	17.36	cps
Molybdenum	96-1	7485	7499	5454	6813	17.27	cps
Molybdenum	97-1	4374	4314	2970	3886	20.42	cps
Molybdenum	98-1	10888	10974	7639	9834	19.33	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	90	117	102	13.18	cps
Phosphorus	31-2	83	107	120	103	17.96	cps
Potassium	39-2	38288	37864	36617	37590	2.31	cps
Rhodium	103-1	4055983	4080914	4172499	4103132	1.50	cps
Rhodium	103-2	2297290	2296290	2294677	2296085	0.06	cps
Scandium	45-1	2329127	2365998	2376368	2357164	1.05	cps
Scandium	45-2	193559	192532	192144	192745	0.38	cps
Selenium	82-1	133	169	177	160	14.85	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	163	100	123	129	24.85	cps
Silicon	28-1	144610	145378	144786	144925	0.28	cps
Silver	107-1	1607	1577	1233	1472	14.09	cps
Silver	109-1	1603	1410	1107	1373	18.23	cps
Sodium	23-2	27611	25648	24486	25915	6.10	cps
Strontium	86-1	9994	9883	6812	8896	20.30	cps
Strontium	88-1	85374	85522	57988	76295	20.78	cps
Sulfur	34-1	130902	132694	131725	131774	0.68	cps
Terbium	159-1	6359657	6402300	6303739	6355232	0.78	cps
Terbium	159-2	4049016	4031084	4032755	4037618	0.25	cps
Thallium	203-1	1663	1527	1063	1418	22.18	cps
Thallium	205-1	3940	3353	2734	3342	18.04	cps
Tin	118-1	2247	2457	2174	2292	6.42	cps
Titanium	47-1	1537	1820	1240	1532	18.93	cps

Reviewed By:Mohan
On:10/12/2024 4:21:48 AM
Inst Id :P7

LB Number :	LB132877	Operator :	Jaswal
Lab Sample ID :	CCB053	Instrumnet Name :	P7
Client Sample ID :	CCB053	Dilution Factor :	1
Date & Time Acquired :	2024-10-07 20:21:02	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3974	4027	2767	3589	19.86	cps
Vanadium	51-2	177	80	107	121	41.22	cps
Yttrium	89-1	7365504	7462599	7530154	7452753	1.11	cps
Yttrium	89-2	1761438	1806376	1771880	1779898	1.32	cps
Zinc	66-2	343	340	327	337	2.62	cps
Zirconium	90-1	3627	3624	2610	3287	17.83	cps
Zirconium	91-1	813	850	640	768	14.61	cps

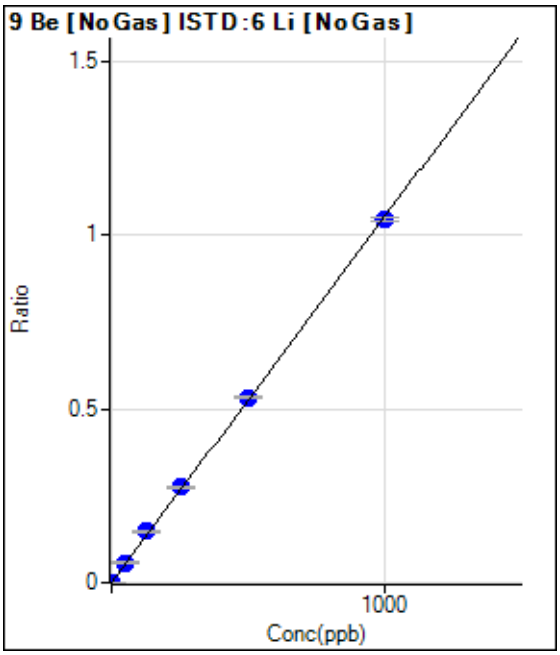
Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100824-MS2.b\
Analysis File: P7100824-MS2.batch.bin
DA Date-Time: 2024-10-10 20:16:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-08 12:36:59
2	005CALS.d	S02	2024-10-08 12:40:22
3	006CALS.d	S03	2024-10-08 12:43:41
4	007CALS.d	S04	2024-10-08 12:46:55
5	008CALS.d	S05	2024-10-08 12:49:55
6	009CALS.d	S06	2024-10-08 12:52:52
7	010CALS.d	S07	2024-10-08 12:55:44
8	011CALS.d	S08	2024-10-08 12:58:32

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0001	P	19.4
2	☐	1.000	1.169	1196.72	0.0013	P	7.4
3	☐	50.000	54.877	56138.57	0.0578	P	4.1
4	☐	125.000	139.474	137307.34	0.1467	P	4.6
5	☐	250.000	260.860	267825.96	0.2743	P	0.6
6	☐	500.000	505.990	505253.34	0.5320	P	0.6
7	☐	1000.000	992.237	987434.44	1.0432	P	0.9
8	☐			318.90	0.0003	P	10.5

y = 0.0011 * x + 6.3865E-005

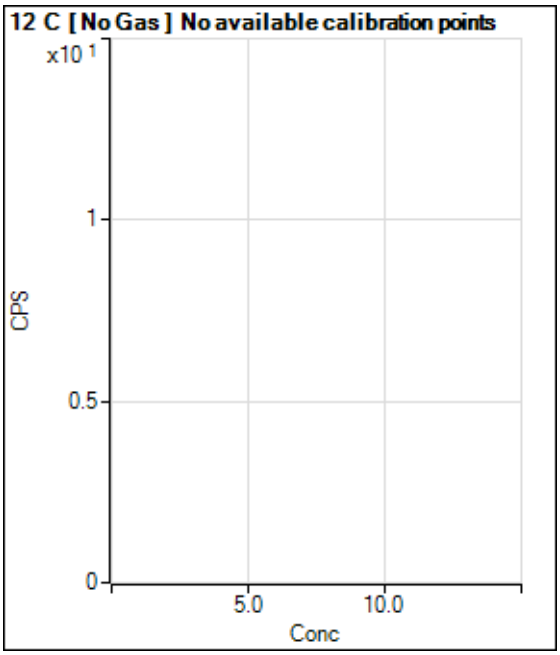
R = 0.9998

DL = 0.03538

BEC = 0.06075

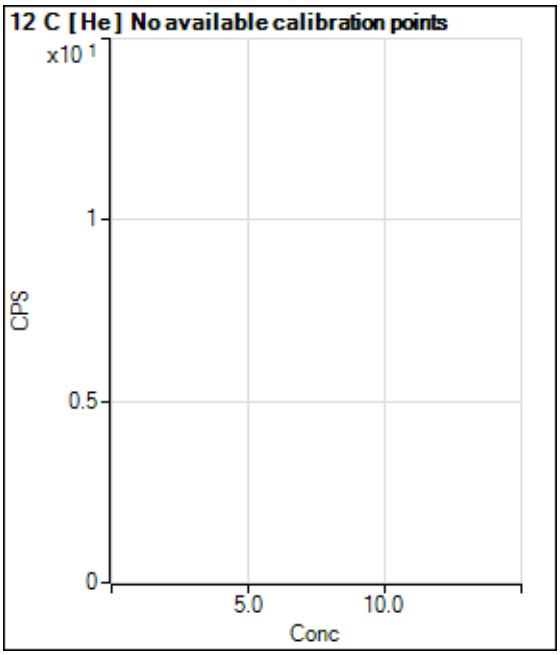
Weight: <None>

Min Conc: 0

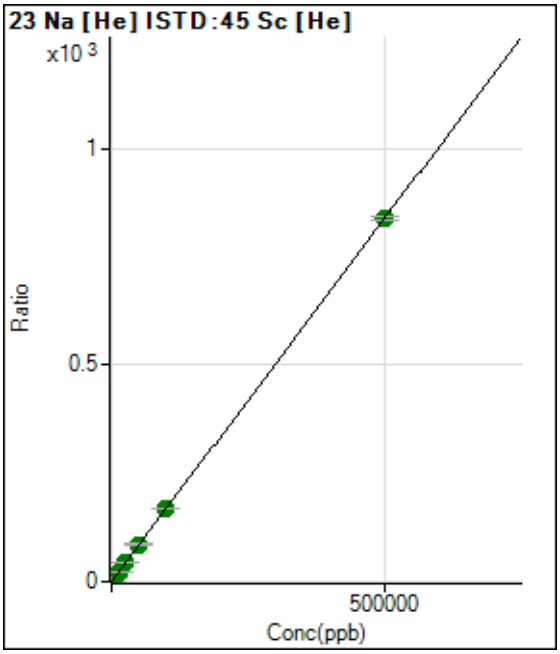


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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Inst Id :P7



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

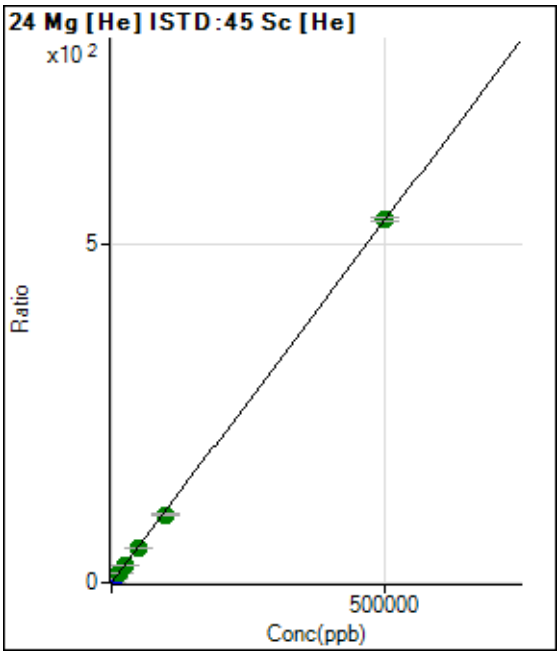


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8135.54	0.0404	P	2.9
2	☐	500.000	547.065	196038.45	0.9582	P	1.0
3	☐	5000.000	4998.401	1713856.66	8.4255	A	0.8
4	☐	12500.000	12676.055	4104745.53	21.3051	A	1.6
5	☐	25000.000	25956.573	7991583.29	43.5838	A	0.6
6	☐	50000.000	51398.667	15465490.88	86.2640	A	1.1
7	☐	100000.00	100612.99	30135275.94	168.8233	A	0.7
8	☐	500000.00	499685.27	153787546.6	838.2850	A	1.1

y = 0.0017 * x + 0.0404
R = 1.0000
DL = 2.13
BEC = 24.1

Weight: <None>
Min Conc: 0

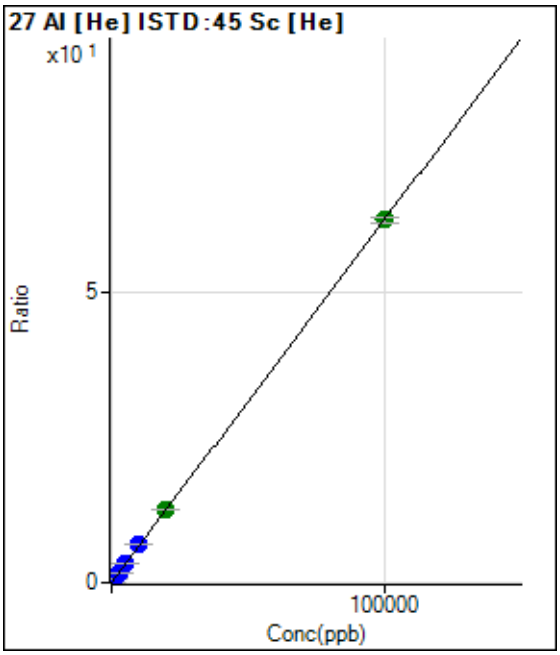
Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	806.70	0.0040	P	0.8
2	☐	500.000	546.574	120275.34	0.5879	P	0.6
3	☐	5000.000	4911.077	1067913.12	5.2500	P	0.2
4	☐	12500.000	12025.631	2475697.19	12.8496	A	0.2
5	☐	25000.000	24652.851	4829662.12	26.3378	A	0.8
6	☐	50000.000	48653.919	9318270.84	51.9755	A	0.7
7	☐	100000.00	94310.717	17982859.59	100.7454	A	1.2
8	☐	500000.00	501302.52	98238575.20	535.4885	A	1.1

y = 0.0011 * x + 0.0040
R = 0.9999
DL = 0.09495
BEC = 3.753

Weight: <None>
Min Conc: 0

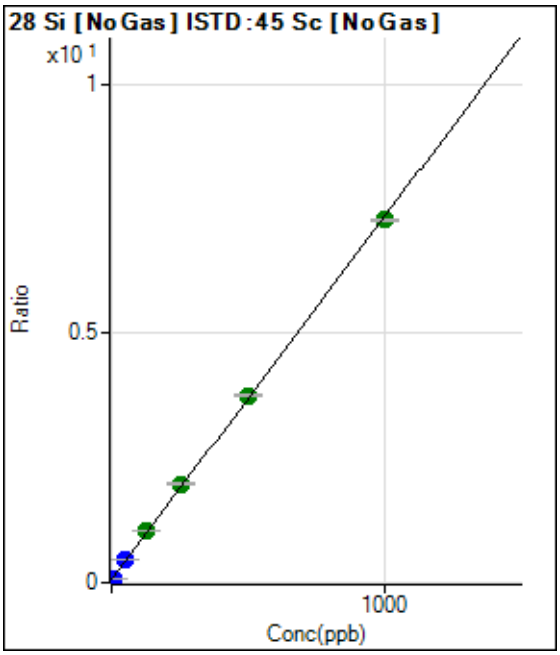


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.44	0.0004	P	16.0
2	☐	20.000	22.837	3001.43	0.0147	P	5.0
3	☐	1000.000	1024.491	130106.64	0.6396	P	0.7
4	☐	2500.000	2585.932	310930.86	1.6138	P	0.9
5	☐	5000.000	5236.188	599109.70	3.2674	P	1.0
6	☐	10000.000	10374.844	1160594.12	6.4735	P	0.4
7	☐	20000.000	19930.882	2219806.60	12.4357	A	0.3
8	☐	100000.00	99962.136	11441312.33	62.3688	A	1.8

y = 6.2392E-004 * x + 4.1953E-004
R = 1.0000
DL = 0.3237
BEC = 0.6724

Weight: <None>
Min Conc: 0

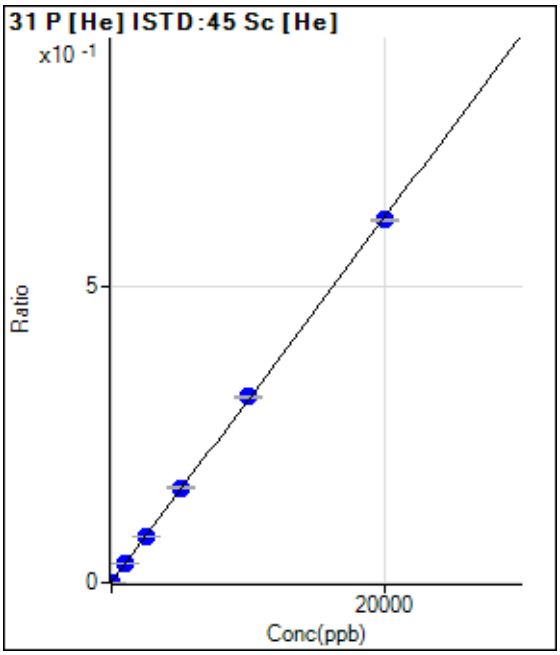
Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	146543.65	0.0605	P	0.8
2	☐	10.000	1.396	168440.70	0.0707	P	5.6
3	☐	50.000	53.568	1098941.55	0.4504	P	1.0
4	☐	125.000	133.511	2419891.29	1.0323	A	1.2
5	☐	250.000	264.424	4426419.52	1.9851	A	0.6
6	☐	500.000	507.962	8212969.60	3.7577	A	0.3
7	☐	1000.000	991.257	15533099.63	7.2754	A	0.6
8	☐			170192.88	0.0803	P	2.5

y = 0.0073 * x + 0.0605
R = 0.9997
DL = 0.2011
BEC = 8.318

Weight: <None>
Min Conc: 0

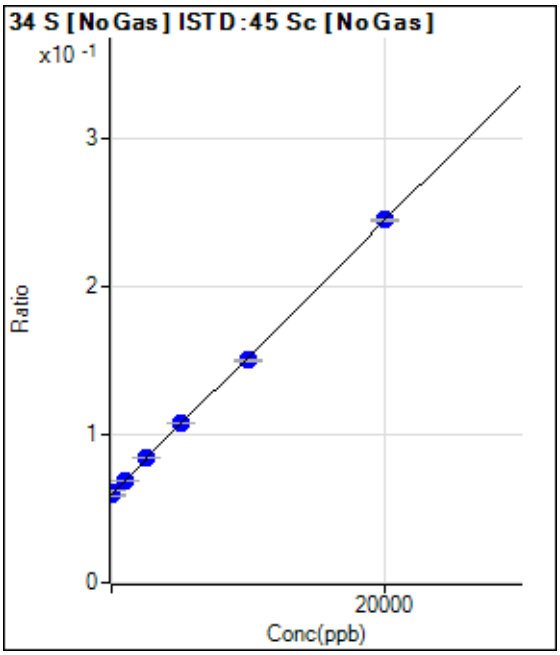


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-15.188	114.44	0.0006	P	7.3
2	☐	0.000	15.188	307.79	0.0015	P	12.6
3	☐	1000.000	1005.867	6512.55	0.0320	P	2.6
4	☐	2500.000	2529.899	15212.11	0.0790	P	1.1
5	☐	5000.000	5180.821	29446.12	0.1606	P	1.8
6	☐	10000.000	10166.183	56320.82	0.3141	P	0.8
7	☐	20000.000	19867.672	109412.89	0.6129	P	0.2
8	☐			166.67	0.0009	P	10.6

y = 3.0799E-005 * x + 0.0010
R = 0.9999
DL = 11.29
BEC = 33.66

Weight: <None>
Min Conc: 0

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-27.229	145359.25	0.0601	P	1.0
2	☐	0.000	27.229	144279.17	0.0606	P	5.3
3	☐	1000.000	971.714	169006.45	0.0693	P	0.5
4	☐	2500.000	2637.892	198455.47	0.0847	P	0.3
5	☐	5000.000	5179.357	241071.47	0.1081	P	0.4
6	☐	10000.000	9752.789	328561.58	0.1503	P	0.6
7	☐	20000.000	20062.944	524161.63	0.2455	P	0.5
8	☐			118285.53	0.0558	P	2.6

y = 9.2309E-006 * x + 0.0603

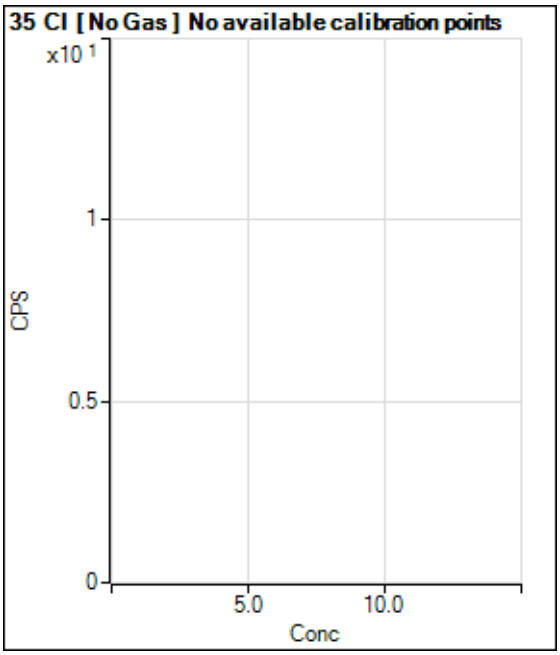
R = 0.9998

DL = 615.8

BEC = 6533

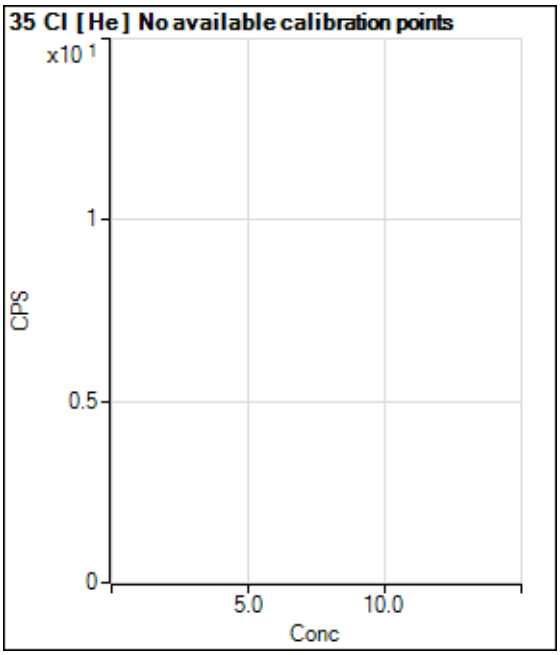
Weight: <None>

Min Conc: 0

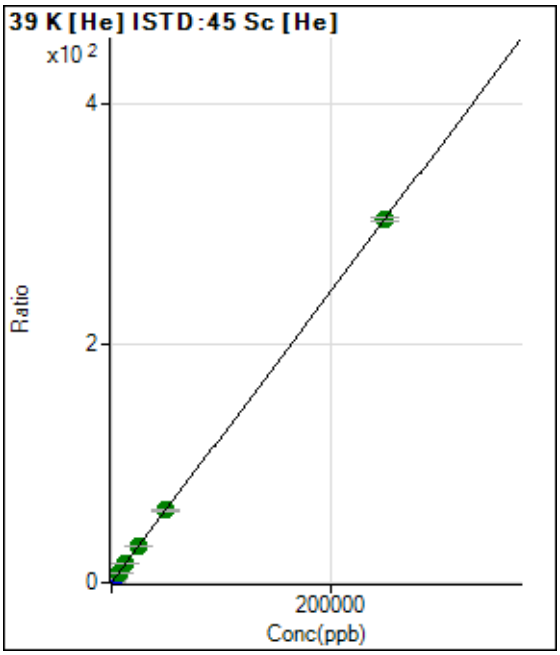


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

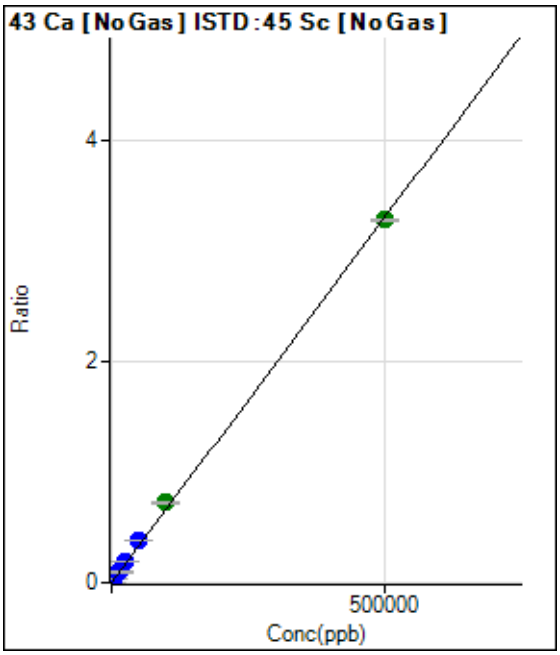


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32833.19	0.1632	P	1.2
2	☐	500.000	557.883	171763.42	0.8395	P	0.4
3	☐	2500.000	2712.534	702064.82	3.4514	P	0.3
4	☐	6250.000	6461.070	1540488.68	7.9955	A	0.6
5	☐	12500.000	12855.659	2887426.66	15.7473	A	0.8
6	☐	25000.000	25565.817	5585575.89	31.1551	A	0.7
7	☐	50000.000	49810.252	10807290.67	60.5452	A	1.4
8	☐	250000.00	249956.06	55618328.61	303.1701	A	1.0

y = 0.0012 * x + 0.1632
R = 1.0000
DL = 4.956
BEC = 134.6

Weight: <None>
Min Conc: 0

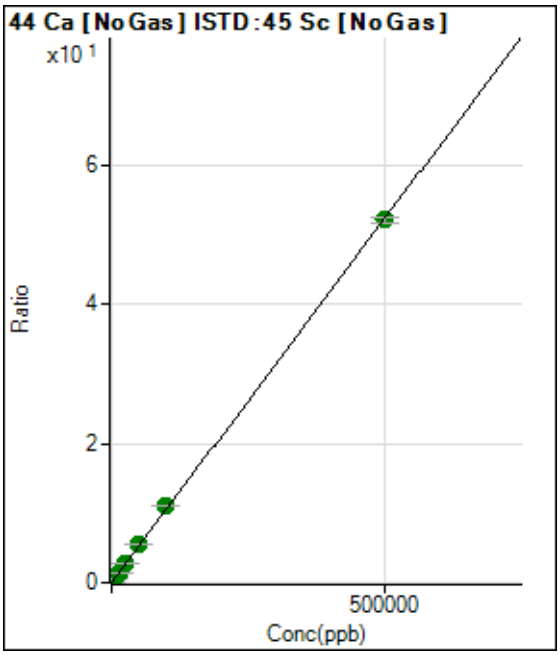
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	171.11	0.0001	P	10.1
2	☐	500.000	573.802	9198.41	0.0039	P	5.5
3	☐	5000.000	5862.430	94624.58	0.0388	P	1.4
4	☐	12500.000	14544.477	225318.51	0.0961	P	1.6
5	☐	25000.000	29213.199	430320.31	0.1930	P	0.9
6	☐	50000.000	57245.938	826411.72	0.3781	P	0.5
7	☐	100000.00	109582.02	1545177.53	0.7237	A	0.5
8	☐	500000.00	497088.53	6958033.71	3.2827	A	0.9

y = 6.6038E-006 * x + 7.0636E-005
R = 0.9997
DL = 3.252
BEC = 10.7

Weight: <None>
Min Conc: 0

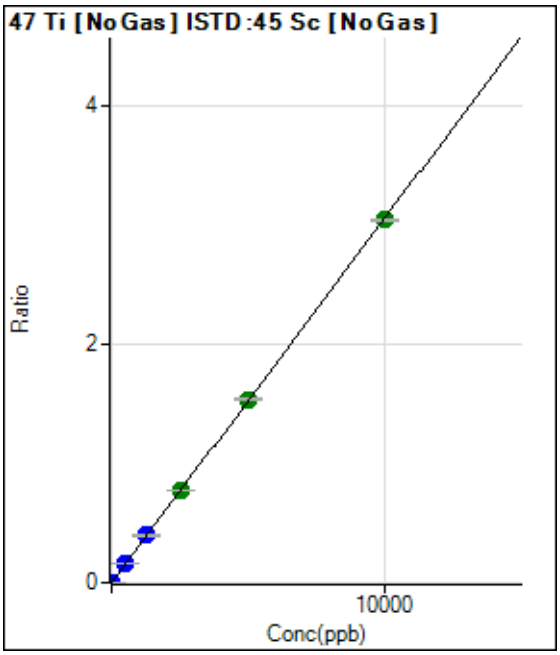


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2952.54	0.0012	P	3.9
2	☐	500.000	577.004	146758.55	0.0616	P	6.0
3	☐	5000.000	5332.332	1364524.76	0.5593	A	0.9
4	☐	12500.000	13274.065	3259547.90	1.3904	A	0.6
5	☐	25000.000	26686.345	6230272.27	2.7941	A	0.9
6	☐	50000.000	52596.087	12033714.27	5.5058	A	1.0
7	☐	100000.00	105190.27	23507319.93	11.0101	A	0.6
8	☐	500000.00	498595.26	110589016.1	52.1828	A	1.5

y = 1.0466E-004 * x + 0.0012
R = 0.9999
DL = 1.365
BEC = 11.65

Weight: <None>
Min Conc: 0

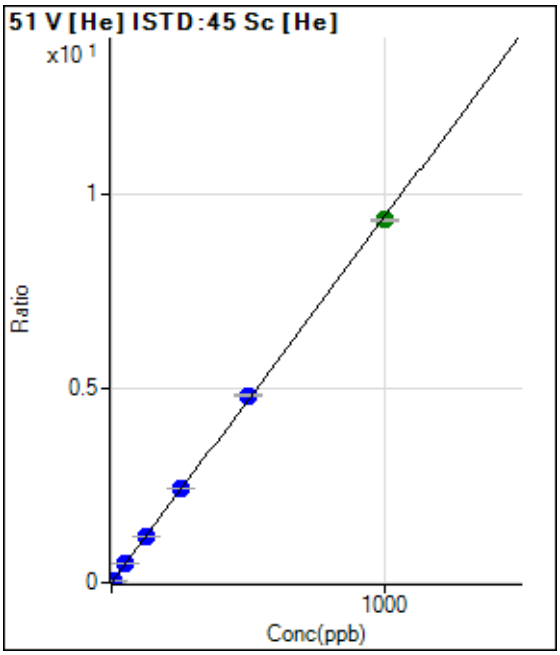
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.89	0.0000	P	8.1
2	☐	5.000	5.254	3880.54	0.0016	P	9.7
3	☐	500.000	519.110	387170.24	0.1587	P	0.8
4	☐	1250.000	1297.997	930102.59	0.3968	P	1.0
5	☐	2500.000	2537.842	1729705.27	0.7757	A	0.8
6	☐	5000.000	5036.753	3364885.78	1.5395	A	0.8
7	☐	10000.000	9965.208	6503248.86	3.0460	A	0.8
8	☐			1364.52	0.0006	P	3.8

y = 3.0566E-004 * x + 2.4320E-005
R = 1.0000
DL = 0.01936
BEC = 0.07957

Weight: <None>
Min Conc: 0

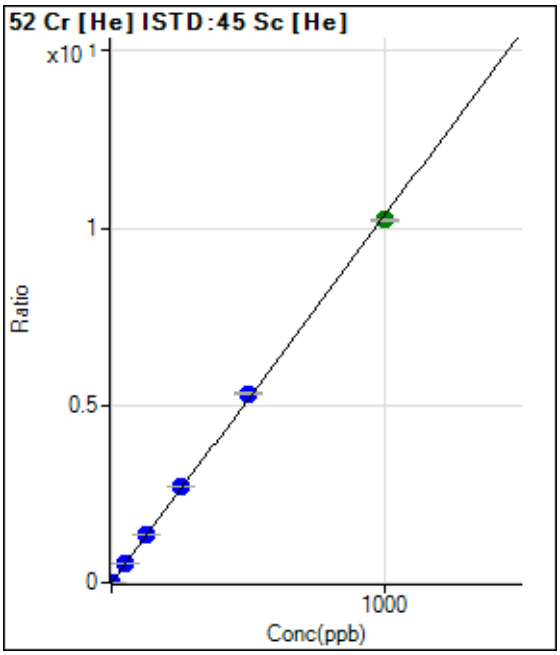


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	99.3
2	☐	5.000	5.361	10320.26	0.0504	P	1.2
3	☐	50.000	50.960	97456.49	0.4791	P	0.6
4	☐	125.000	128.175	232164.26	1.2050	P	0.8
5	☐	250.000	257.700	444213.34	2.4226	P	1.0
6	☐	500.000	511.509	862102.88	4.8087	P	0.8
7	☐	1000.000	991.874	1664427.63	9.3245	A	0.8
8	☐			560.02	0.0031	P	7.1

y = 0.0094 * x + 3.8727E-005
R = 0.9999
DL = 0.01227
BEC = 0.00412

Weight: <None>
Min Conc: 0

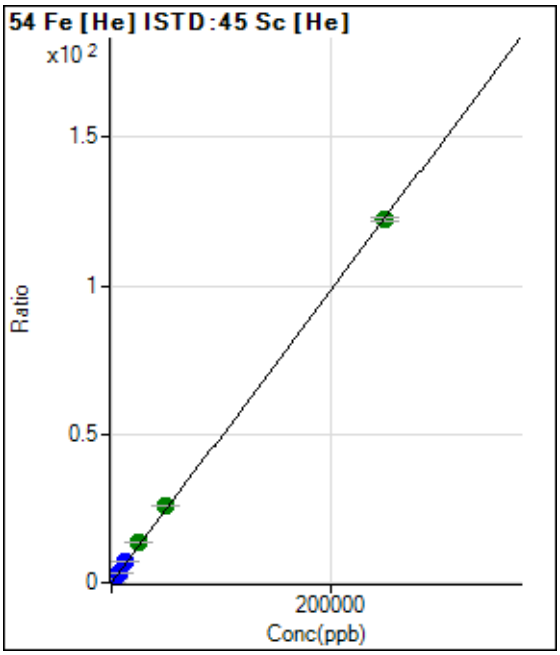
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.78	0.0015	P	9.1
2	☐	2.000	2.233	5027.56	0.0246	P	3.7
3	☐	50.000	51.877	109425.36	0.5379	P	0.3
4	☐	125.000	130.522	260337.88	1.3512	P	0.3
5	☐	250.000	261.911	496886.28	2.7099	P	1.0
6	☐	500.000	514.937	954949.14	5.3265	P	0.6
7	☐	1000.000	988.769	1825449.57	10.2264	A	0.6
8	☐			7076.19	0.0386	P	1.1

y = 0.0103 * x + 0.0015
R = 0.9997
DL = 0.03892
BEC = 0.1431

Weight: <None>
Min Conc: 0

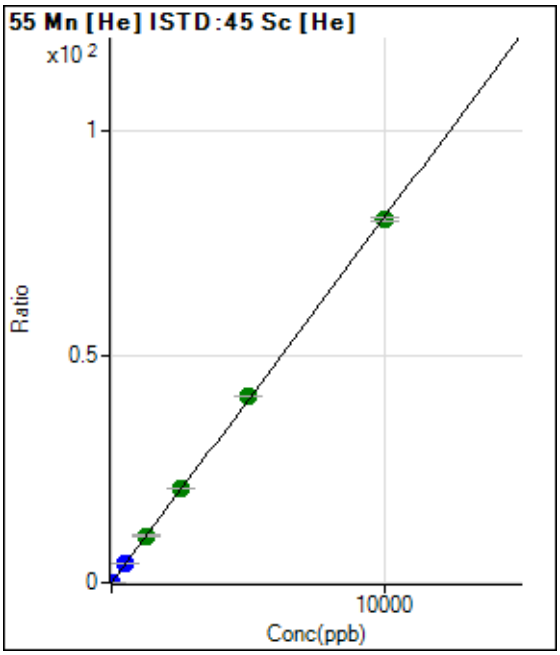


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1044.49	0.0052	P	5.6
2	☐	50.000	61.450	7227.35	0.0353	P	2.7
3	☐	2500.000	2821.009	282467.92	1.3886	P	0.3
4	☐	6250.000	7140.673	675693.55	3.5070	P	0.5
5	☐	12500.000	14384.558	1294453.73	7.0595	P	1.0
6	☐	25000.000	27451.596	2414521.13	13.4677	A	0.6
7	☐	50000.000	52620.391	4607297.47	25.8107	A	0.6
8	☐	250000.00	249111.05	22412744.94	122.1716	A	1.2

y = 4.9041E-004 * x + 0.0052
R = 0.9999
DL = 1.765
BEC = 10.59

Weight: <None>
Min Conc: 0

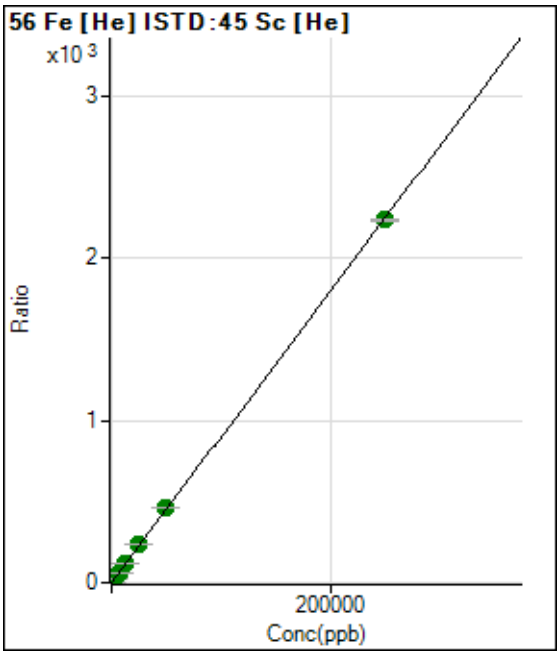
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	261.12	0.0013	P	10.1
2	☐	1.000	1.152	2167.96	0.0106	P	1.5
3	☐	500.000	515.767	847265.13	4.1652	P	0.2
4	☐	1250.000	1284.356	1998013.60	10.3702	A	0.9
5	☐	2500.000	2569.379	3803869.94	20.7445	A	0.4
6	☐	5000.000	5097.814	7378788.50	41.1572	A	0.6
7	☐	10000.000	9928.666	14308336.46	80.1579	A	1.2
8	☐			8445.79	0.0460	P	1.5

y = 0.0081 * x + 0.0013
R = 0.9999
DL = 0.04855
BEC = 0.1608

Weight: <None>
Min Conc: 0

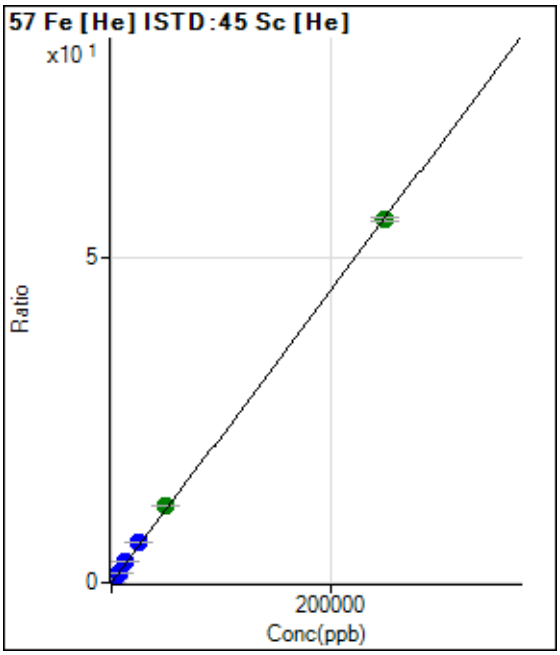


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6668.19	0.0331	P	0.9
2	☐	50.000	59.260	115401.64	0.5640	P	0.6
3	☐	2500.000	2664.678	4862442.01	23.9043	A	0.7
4	☐	6250.000	6742.692	11644092.47	60.4367	A	0.8
5	☐	12500.000	13527.438	22226786.33	121.2171	A	0.5
6	☐	25000.000	26692.268	42875681.58	239.1526	A	0.8
7	☐	50000.000	51903.738	83004942.65	465.0065	A	0.5
8	☐	250000.00	249384.68	409871909.4	2,234.115	A	0.7

y = 0.0090 * x + 0.0331
R = 1.0000
DL = 0.0966
BEC = 3.7

Weight: <None>
Min Conc: 0

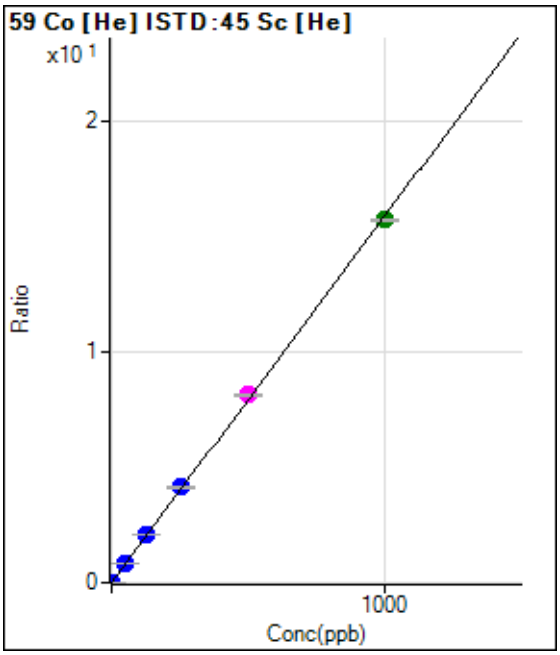
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	732.25	0.0036	P	1.8
2	☐	50.000	62.697	3627.14	0.0177	P	2.8
3	☐	2500.000	2811.369	129255.47	0.6354	P	0.5
4	☐	6250.000	7080.065	307249.26	1.5947	P	0.5
5	☐	12500.000	14242.330	587545.60	3.2043	P	0.7
6	☐	25000.000	28012.843	1129290.64	6.2989	P	0.4
7	☐	50000.000	52522.125	2107535.61	11.8068	A	0.4
8	☐	250000.00	249083.30	10269695.82	55.9795	A	1.1

y = 2.2473E-004 * x + 0.0036
R = 0.9999
DL = 0.8893
BEC = 16.19

Weight: <None>
Min Conc: 0

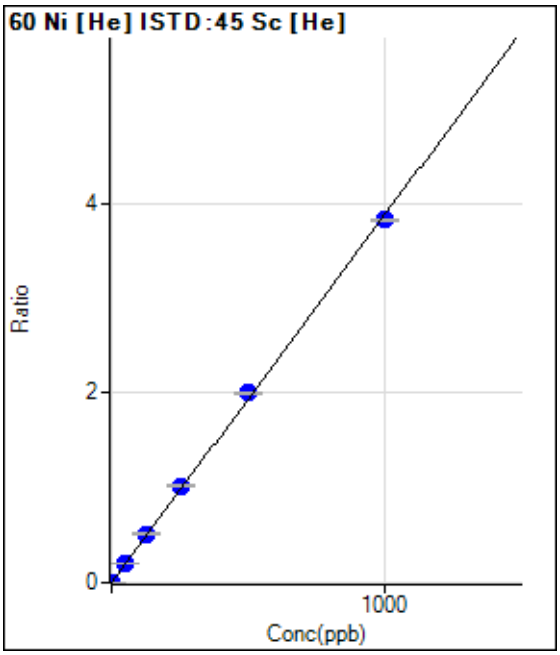


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0004	P	15.1
2	☐	1.000	1.163	3848.31	0.0188	P	2.2
3	☐	50.000	51.774	167119.68	0.8216	P	0.6
4	☐	125.000	130.299	398267.50	2.0671	P	0.3
5	☐	250.000	260.332	757220.99	4.1297	P	0.8
6	☐	500.000	512.146	1456444.87	8.1239	M	1.1
7	☐	1000.000	990.593	2804815.48	15.7129	A	0.4
8	☐			7644.24	0.0417	P	0.6

y = 0.0159 * x + 3.5344E-004
R = 0.9998
DL = 0.01011
BEC = 0.02228

Weight: <None>
Min Conc: 0

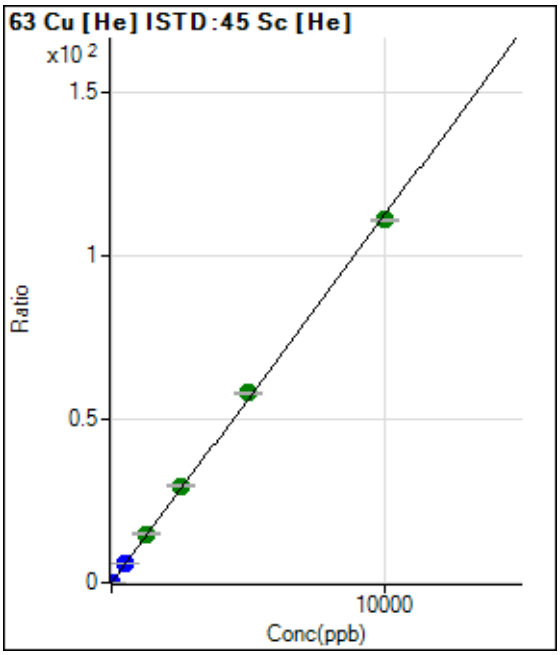
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46.67	0.0002	P	25.5
2	☐	1.000	1.140	951.15	0.0046	P	2.4
3	☐	50.000	53.345	42084.38	0.2069	P	0.1
4	☐	125.000	133.103	99393.01	0.5159	P	0.8
5	☐	250.000	263.623	187306.92	1.0215	P	0.6
6	☐	500.000	515.979	358413.89	1.9991	P	0.3
7	☐	1000.000	987.424	682861.59	3.8255	P	0.4
8	☐			3182.59	0.0173	P	4.3

y = 0.0039 * x + 2.3186E-004
R = 0.9997
DL = 0.04587
BEC = 0.05985

Weight: <None>
Min Conc: 0

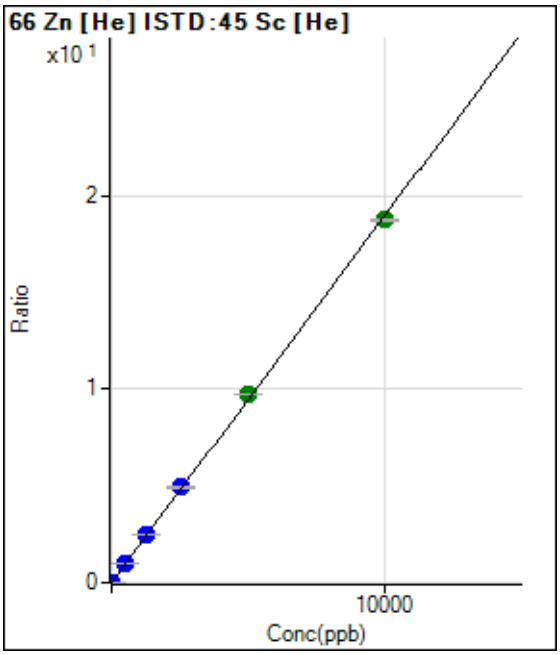


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	448.90	0.0022	P	7.1
2	☐	2.000	2.125	5335.45	0.0261	P	3.7
3	☐	500.000	523.342	1195085.13	5.8752	P	0.5
4	☐	1250.000	1327.089	2869686.31	14.8948	A	1.1
5	☐	2500.000	2637.189	5427047.42	29.5966	A	0.5
6	☐	5000.000	5165.379	10392544.57	57.9678	A	0.8
7	☐	10000.000	9872.210	19775746.10	110.7877	A	0.5
8	☐			4001.68	0.0218	P	2.7

y = 0.0112 * x + 0.0022
R = 0.9997
DL = 0.04259
BEC = 0.1989

Weight: <None>
Min Conc: 0

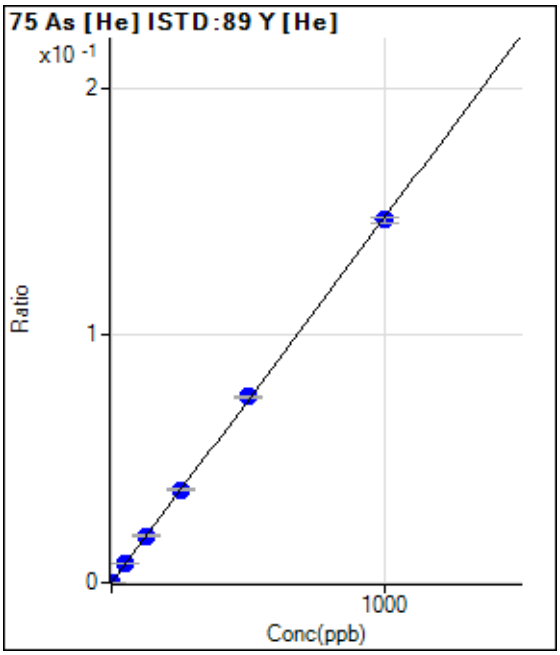
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0007	P	7.4
2	☐	5.000	5.758	2374.66	0.0116	P	2.0
3	☐	500.000	514.692	198520.93	0.9760	P	0.8
4	☐	1250.000	1291.797	471735.66	2.4484	P	0.6
5	☐	2500.000	2608.460	906399.01	4.9433	P	1.0
6	☐	5000.000	5138.266	1745719.58	9.7369	A	0.5
7	☐	10000.000	9897.793	3347898.39	18.7554	A	0.8
8	☐			1266.73	0.0069	P	5.2

y = 0.0019 * x + 6.9591E-004
R = 0.9998
DL = 0.08175
BEC = 0.3673

Weight: <None>
Min Conc: 0

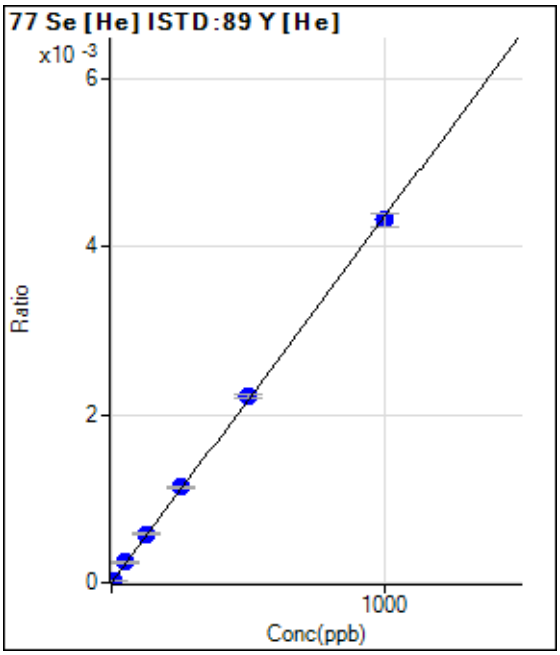


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.4
2	☐	1.000	1.150	323.34	0.0002	P	10.7
3	☐	50.000	51.340	13895.48	0.0076	P	3.3
4	☐	125.000	128.197	33191.55	0.0189	P	1.7
5	☐	250.000	254.367	63300.70	0.0375	P	1.4
6	☐	500.000	509.210	123586.75	0.0752	P	0.4
7	☐	1000.000	993.836	237918.98	0.1467	P	1.3
8	☐			140.00	0.0001	P	20.5

y = 1.4758E-004 * x + 2.9825E-006
R = 0.9999
DL = 0.0554
BEC = 0.02021

Weight: <None>
Min Conc: 0

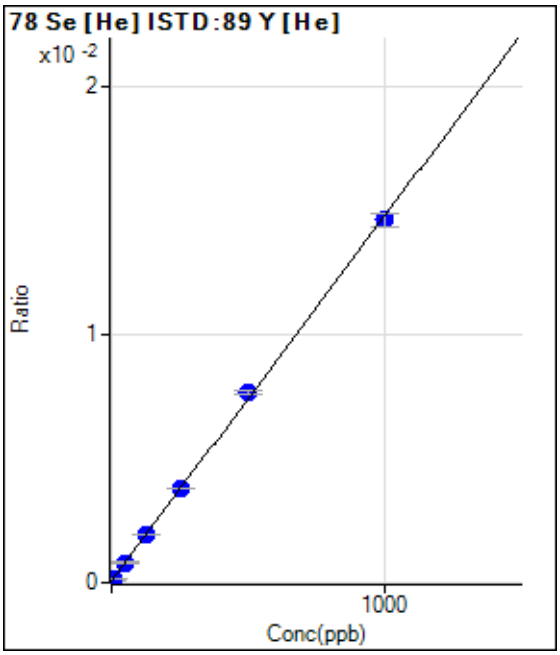
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.178	42.22	0.0000	P	39.9
3	☐	50.000	55.757	445.57	0.0002	P	7.5
4	☐	125.000	132.532	1013.38	0.0006	P	5.7
5	☐	250.000	260.398	1913.48	0.0011	P	3.7
6	☐	500.000	509.898	3654.93	0.0022	P	2.8
7	☐	1000.000	991.221	7007.27	0.0043	P	3.8
8	☐			2.22	0.0000	P	86.6

y = 4.3587E-006 * x + 0.0000E+000
R = 0.9999
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

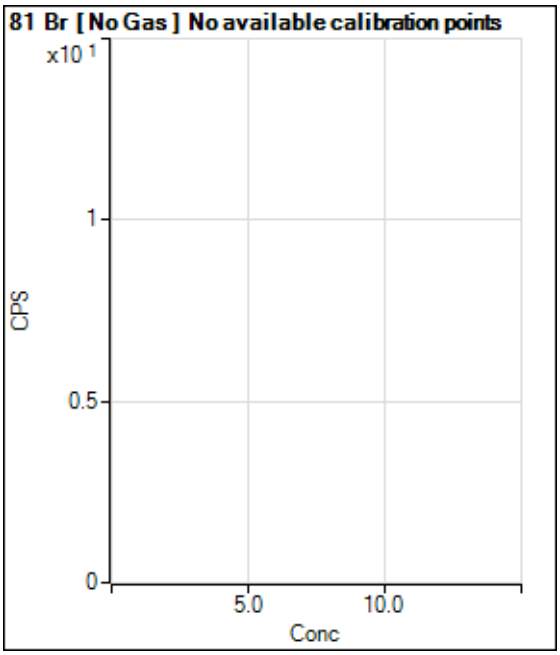


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	143.33	0.0001	P	10.7
2	☐	5.000	5.122	285.56	0.0002	P	10.1
3	☐	50.000	49.903	1487.87	0.0008	P	3.8
4	☐	125.000	126.899	3411.54	0.0019	P	1.7
5	☐	250.000	253.058	6411.44	0.0038	P	0.5
6	☐	500.000	517.814	12659.94	0.0077	P	1.6
7	☐	1000.000	990.095	23762.45	0.0147	P	3.4
8	☐			112.22	0.0001	P	18.3

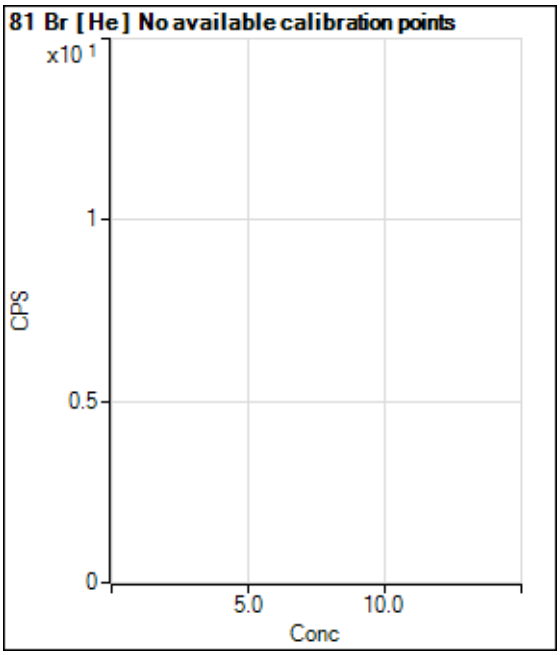
y = 1.4719E-005 * x + 7.7124E-005
R = 0.9998
DL = 1.688
BEC = 5.24

Weight: <None>
Min Conc: 0

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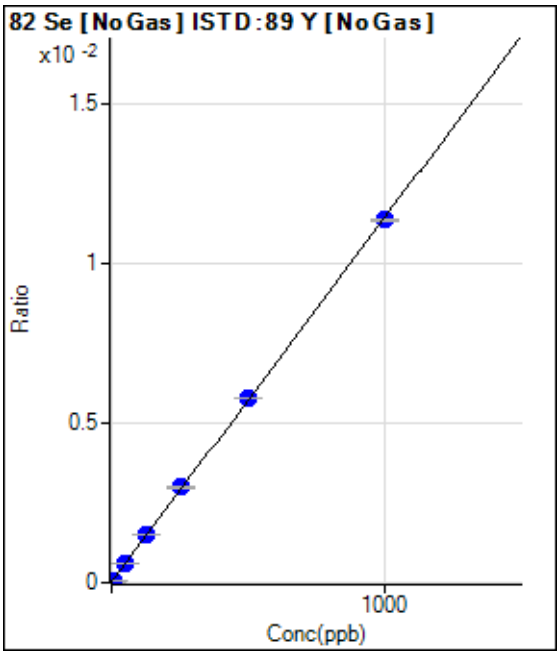


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7660.95		P	1.4
2	☐			7445.30		P	2.1
3	☐			7595.36		P	3.8
4	☐			7316.34		P	1.3
5	☐			7018.39		P	1.6
6	☐			6221.37		P	3.0
7	☐			6238.04		P	3.7
8	☐			6720.47		P	5.0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			58.89		P	22.9
2	☐			56.67		P	23.5
3	☐			47.78		P	10.7
4	☐			28.89		P	6.7
5	☐			31.11		P	50.6
6	☐			32.22		P	39.2
7	☐			37.78		P	31.0
8	☐			51.11		P	32.2

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	162.68	0.0000	P	22.9
2	☐	5.000	5.848	660.52	0.0001	P	0.3
3	☐	50.000	51.723	4760.73	0.0006	P	2.6
4	☐	125.000	130.413	11324.87	0.0015	P	0.5
5	☐	250.000	259.618	21823.77	0.0030	P	2.4
6	☐	500.000	504.300	41250.90	0.0058	P	0.1
7	☐	1000.000	994.678	80490.24	0.0114	P	0.8
8	☐			184.69	0.0000	P	20.2

y = 1.1424E-005 * x + 2.1172E-005

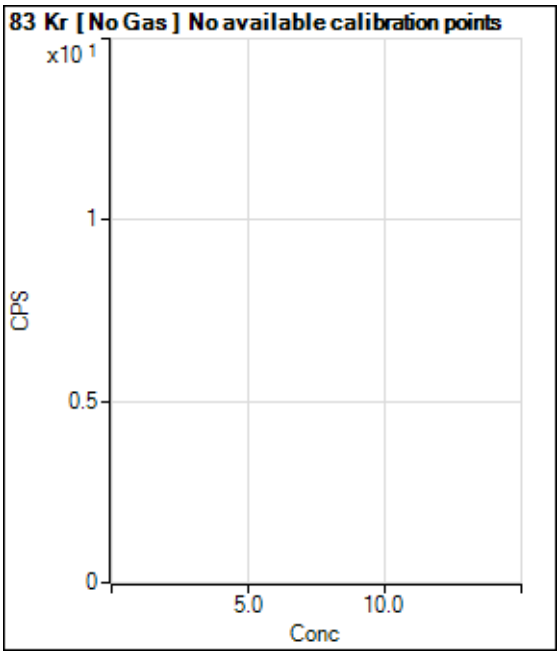
R = 0.9999

DL = 1.273

BEC = 1.853

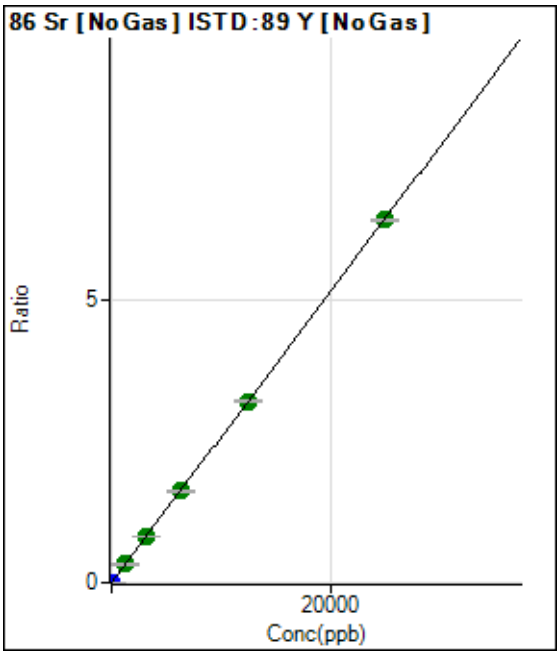
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			101.11		P	1.9
2	☐			111.11		P	12.1
3	☐			113.33		P	11.8
4	☐			110.00		P	13.2
5	☐			120.00		P	13.9
6	☐			101.11		P	8.3
7	☐			111.11		P	15.1
8	☐			140.00		P	20.3

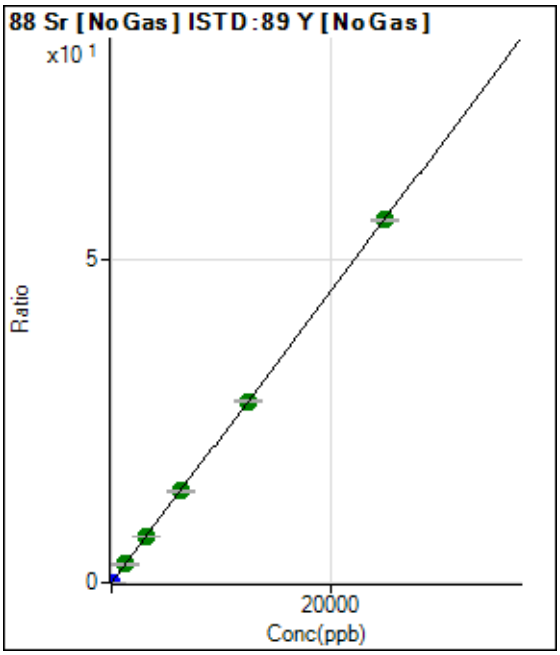
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.78	0.0000	P	17.4
2	☐	1.000	1.077	2241.31	0.0003	P	6.8
3	☐	1250.000	1265.884	2522987.91	0.3244	A	1.5
4	☐	3125.000	3166.281	6080685.81	0.8113	A	0.4
5	☐	6250.000	6327.930	11846230.79	1.6214	A	2.1
6	☐	12500.000	12497.524	22844765.22	3.2022	A	1.0
7	☐	25000.000	24975.801	45245470.44	6.3994	A	0.6
8	☐			7267.41	0.0011	P	5.8

y = 2.5622E-004 * x + 2.3170E-005
R = 1.0000
DL = 0.04716
BEC = 0.09043

Weight: <None>
Min Conc: 0

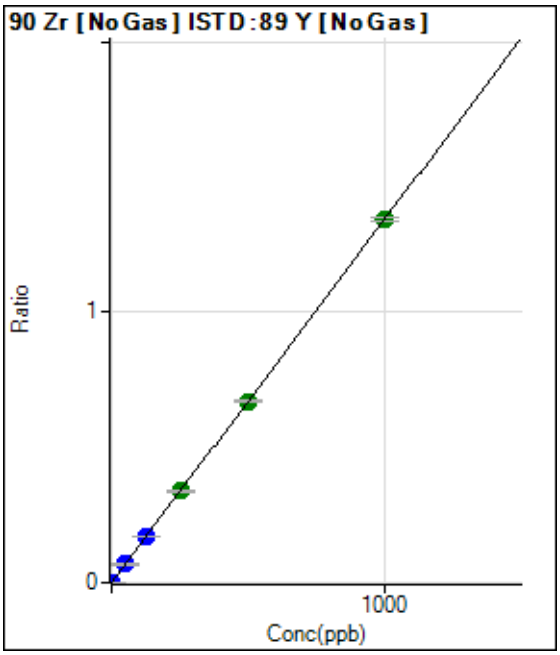


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	4.3
2	☐	1.000	1.059	17944.38	0.0024	P	6.7
3	☐	1250.000	1260.333	22011595.51	2.8299	A	1.5
4	☐	3125.000	3167.618	53308902.54	7.1125	A	0.7
5	☐	6250.000	6309.209	103511139.5	14.1666	A	0.8
6	☐	12500.000	12498.551	200213477.0	28.0640	A	1.2
7	☐	25000.000	24980.078	396572798.5	56.0898	A	0.7
8	☐			62442.87	0.0091	P	3.7

y = 0.0022 * x + 1.7516E-005
R = 1.0000
DL = 0.001012
BEC = 0.007801

Weight: <None>
Min Conc: 0

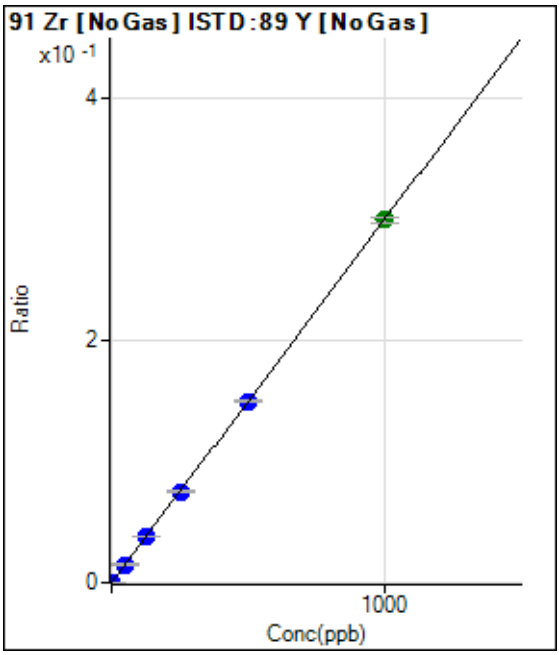
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	628.91	0.0001	P	6.6
2	☐	1.000	1.079	11474.57	0.0015	P	5.6
3	☐	50.000	50.305	525925.72	0.0676	P	1.0
4	☐	125.000	127.066	1279181.23	0.1707	P	0.7
5	☐	250.000	252.013	2472678.64	0.3384	A	1.2
6	☐	500.000	500.188	4791161.42	0.6716	A	0.3
7	☐	1000.000	999.129	9484263.05	1.3414	A	1.1
8	☐			6485.94	0.0009	P	7.7

y = 0.0013 * x + 8.1915E-005
R = 1.0000
DL = 0.01207
BEC = 0.06102

Weight: <None>
Min Conc: 0

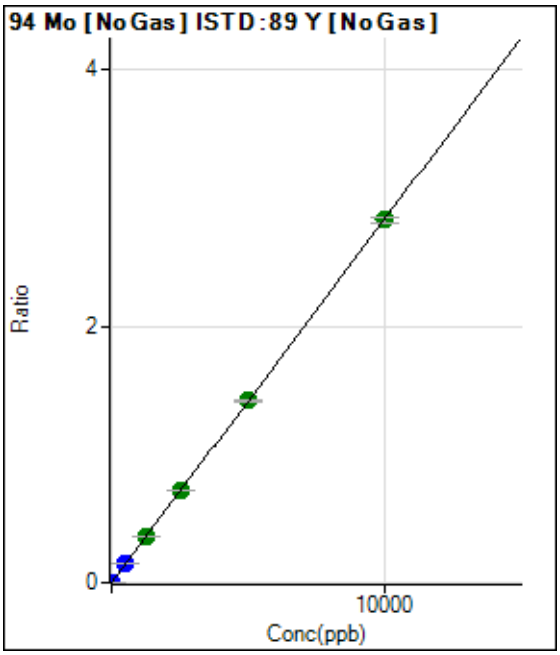


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	133.34	0.0000	P	3.7
2	☐	1.000	1.044	2474.68	0.0003	P	3.7
3	☐	50.000	50.235	117124.67	0.0151	P	1.3
4	☐	125.000	126.777	284636.75	0.0380	P	0.6
5	☐	250.000	251.227	549721.41	0.0752	P	1.7
6	☐	500.000	500.008	1068158.06	0.1497	P	0.9
7	☐	1000.000	999.455	2115918.55	0.2993	A	1.4
8	☐			1448.98	0.0002	P	5.5

y = 2.9941E-004 * x + 1.7366E-005
R = 1.0000
DL = 0.006508
BEC = 0.058

Weight: <None>
Min Conc: 0

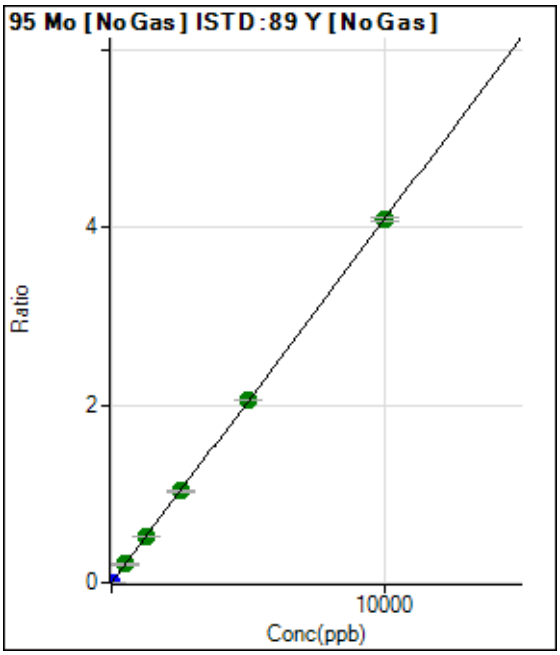
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0000	P	19.4
2	☐	5.000	5.956	12897.99	0.0017	P	4.8
3	☐	500.000	505.330	1114589.10	0.1433	P	1.0
4	☐	1250.000	1278.468	2716879.47	0.3625	A	1.5
5	☐	2500.000	2535.691	5253068.60	0.7189	A	0.6
6	☐	5000.000	5004.833	10122708.18	1.4190	A	0.7
7	☐	10000.000	9984.836	20015024.70	2.8308	A	1.4
8	☐			6434.80	0.0009	P	1.8

y = 2.8351E-004 * x + 3.1844E-005
R = 1.0000
DL = 0.06543
BEC = 0.1123

Weight: <None>
Min Conc: 0

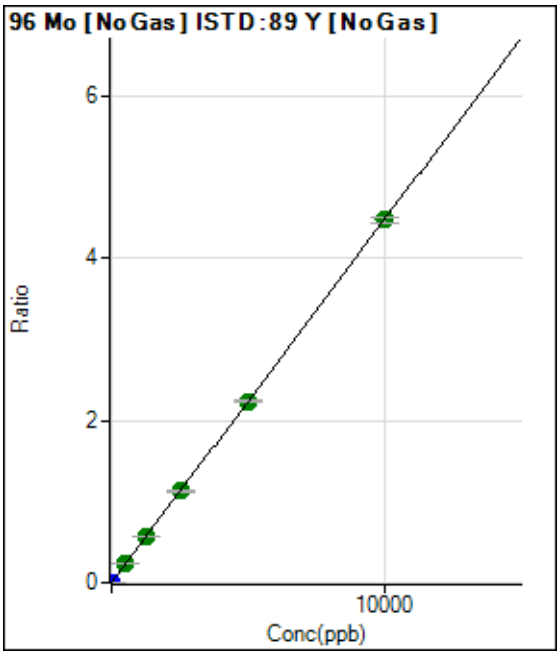


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	45.2
2	☐	5.000	5.047	15522.76	0.0021	P	5.7
3	☐	500.000	504.794	1608008.97	0.2067	A	0.9
4	☐	1250.000	1282.154	3935604.97	0.5251	A	1.2
5	☐	2500.000	2523.808	7552042.04	1.0336	A	1.2
6	☐	5000.000	5016.065	14655172.70	2.0543	A	0.6
7	☐	10000.000	9981.756	28902752.63	4.0879	A	1.1
8	☐			6813.87	0.0010	P	0.9

y = 4.0954E-004 * x + 4.0595E-006
R = 1.0000
DL = 0.01345
BEC = 0.009912

Weight: <None>
Min Conc: 0

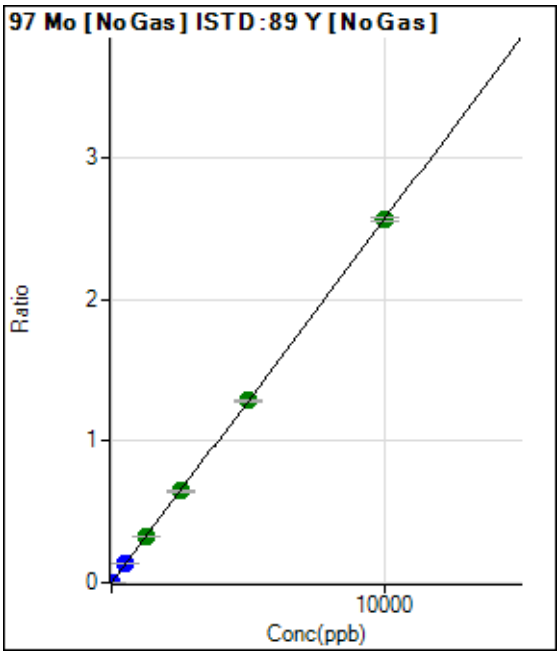
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.45	0.0000	P	8.6
2	☐	5.000	5.144	17323.69	0.0023	P	6.0
3	☐	500.000	510.243	1774910.69	0.2282	A	1.3
4	☐	1250.000	1270.887	4259805.63	0.5683	A	1.1
5	☐	2500.000	2517.483	8226066.20	1.1258	A	0.9
6	☐	5000.000	5002.978	15961331.85	2.2373	A	0.6
7	☐	10000.000	9991.017	31590150.92	4.4680	A	1.4
8	☐			12090.65	0.0018	P	4.1

y = 4.4720E-004 * x + 1.1003E-005
R = 1.0000
DL = 0.006344
BEC = 0.0246

Weight: <None>
Min Conc: 0

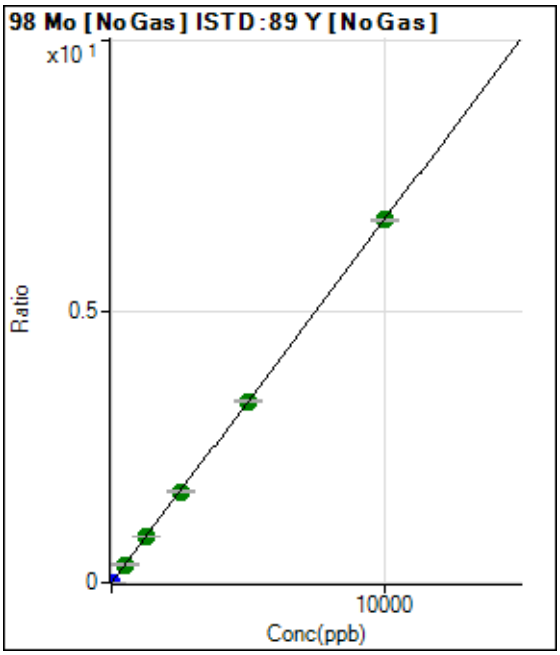


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.00	0.0000	P	28.4
2	☐	5.000	5.098	9828.94	0.0013	P	5.1
3	☐	500.000	506.145	1010540.00	0.1299	P	0.7
4	☐	1250.000	1278.356	2459316.28	0.3281	A	1.2
5	☐	2500.000	2528.646	4742466.18	0.6491	A	1.3
6	☐	5000.000	5015.855	9184811.53	1.2875	A	0.8
7	☐	10000.000	9981.060	18113913.20	2.5620	A	1.0
8	☐			4257.32	0.0006	P	1.6

y = 2.5668E-004 * x + 2.6018E-006
R = 1.0000
DL = 0.008635
BEC = 0.01014

Weight: <None>
Min Conc: 0

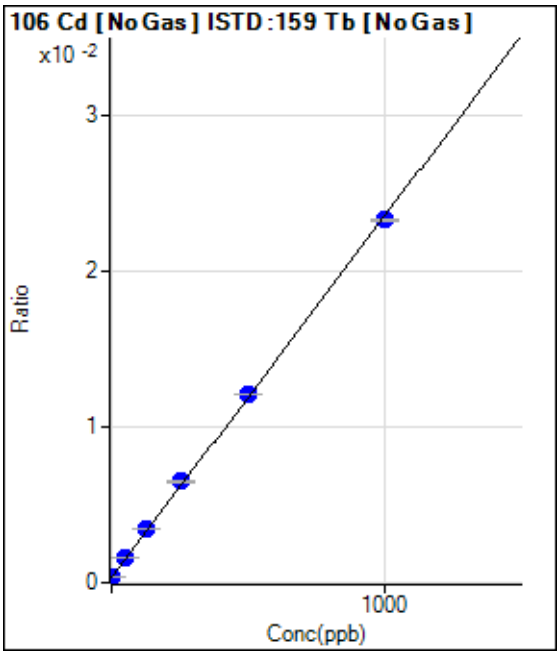
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.89	0.0000	P	23.7
2	☐	5.000	5.106	25707.09	0.0034	P	5.3
3	☐	500.000	502.929	2622839.01	0.3372	A	1.0
4	☐	1250.000	1271.103	6387610.81	0.8522	A	0.3
5	☐	2500.000	2512.501	12308293.43	1.6846	A	1.4
6	☐	5000.000	5001.150	23921088.53	3.3531	A	0.6
7	☐	10000.000	9993.515	47373728.18	6.7004	A	0.8
8	☐			10374.87	0.0015	P	3.8

y = 6.7047E-004 * x + 6.3668E-006
R = 1.0000
DL = 0.00675
BEC = 0.009496

Weight: <None>
Min Conc: 0

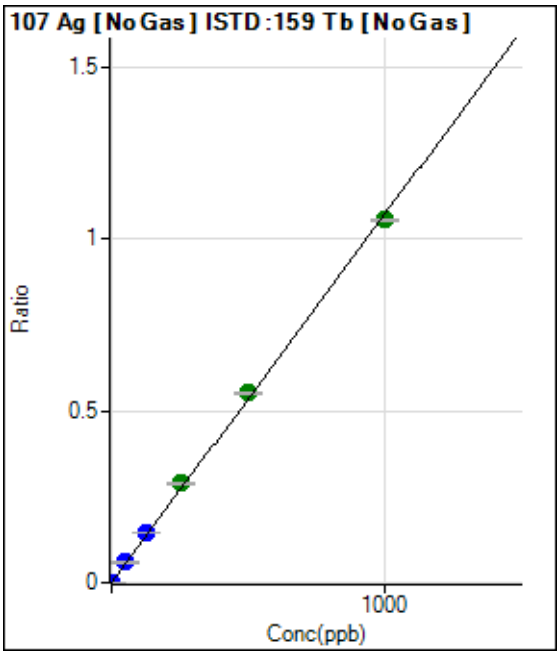


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2072.39	0.0003	P	2.9
2	☐	1.000	1.229	2234.64	0.0003	P	1.6
3	☐	50.000	55.595	10775.18	0.0016	P	0.3
4	☐	125.000	137.281	23195.26	0.0035	P	0.7
5	☐	250.000	266.262	42360.46	0.0065	P	0.6
6	☐	500.000	508.581	78517.07	0.0121	P	0.5
7	☐	1000.000	989.829	150773.88	0.0233	P	0.7
8	☐			1892.37	0.0003	P	7.2

y = 2.3241E-005 * x + 3.1628E-004
R = 0.9998
DL = 1.182
BEC = 13.61

Weight: <None>
Min Conc: 0

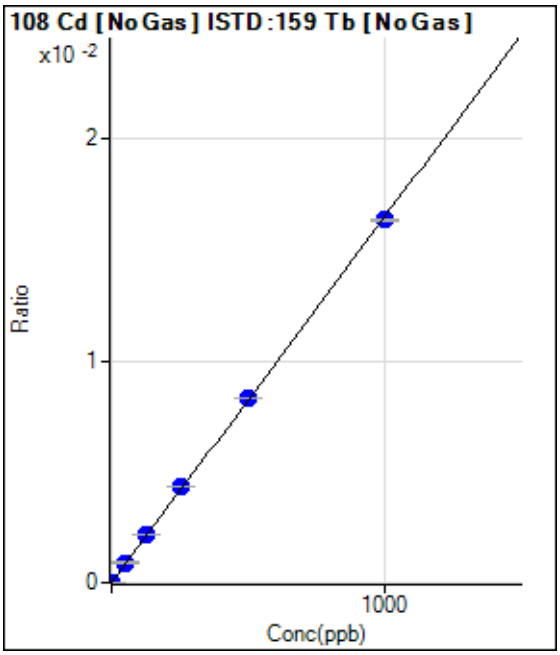
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	38.4
2	☐	1.000	1.095	7642.08	0.0012	P	6.9
3	☐	50.000	54.875	393581.75	0.0587	P	1.5
4	☐	125.000	134.100	949509.17	0.1435	P	0.5
5	☐	250.000	269.536	1878890.27	0.2885	A	1.2
6	☐	500.000	515.446	3569383.03	0.5517	A	1.2
7	☐	1000.000	986.011	6823434.55	1.0554	A	0.7
8	☐			903.37	0.0001	P	6.6

y = 0.0011 * x + 1.0148E-005
R = 0.9996
DL = 0.01092
BEC = 0.009481

Weight: <None>
Min Conc: 0

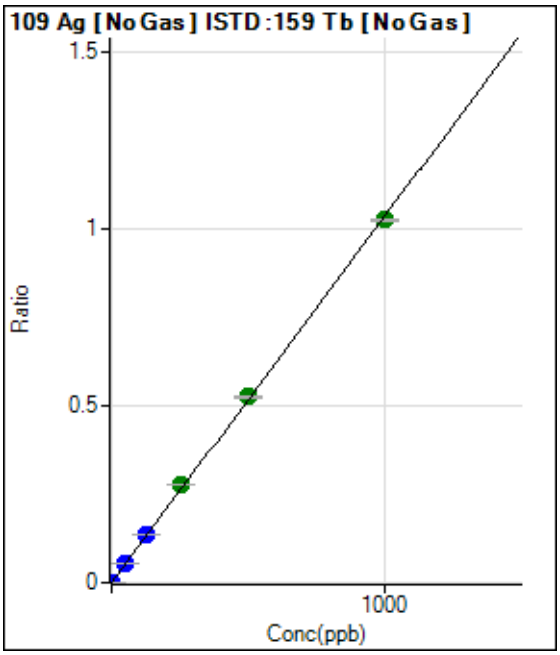


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.55	0.0000	P	70.4
2	☐	1.000	0.938	105.56	0.0000	P	7.8
3	☐	50.000	54.908	6059.10	0.0009	P	3.5
4	☐	125.000	133.293	14512.90	0.0022	P	1.2
5	☐	250.000	263.176	28208.53	0.0043	P	0.5
6	☐	500.000	505.158	53782.56	0.0083	P	0.4
7	☐	1000.000	992.845	105625.06	0.0163	P	0.7
8	☐			48.89	0.0000	P	17.8

y = 1.6455E-005 * x + 8.5141E-007
R = 0.9999
DL = 0.1093
BEC = 0.05174

Weight: <None>
Min Conc: 0

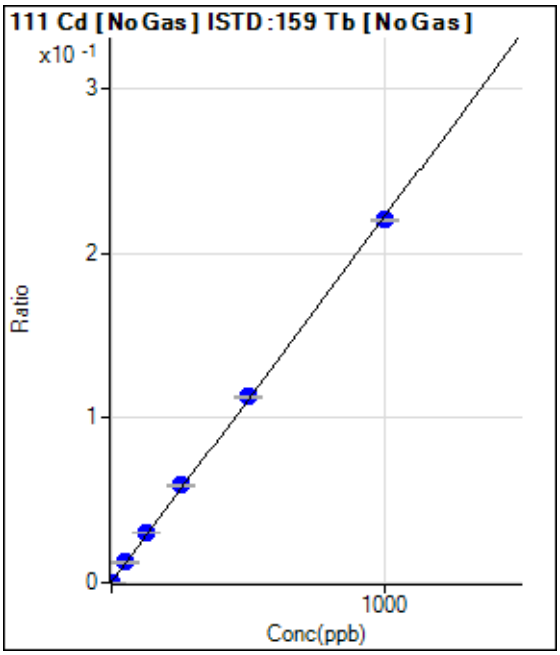
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	71.0
2	☐	1.000	1.100	7394.16	0.0011	P	5.0
3	☐	50.000	54.105	374711.35	0.0559	P	1.2
4	☐	125.000	132.379	905125.23	0.1368	P	0.5
5	☐	250.000	267.345	1799655.89	0.2763	A	0.5
6	☐	500.000	507.058	3390735.05	0.5241	A	1.1
7	☐	1000.000	991.007	6622622.05	1.0243	A	0.4
8	☐			796.70	0.0001	P	11.3

y = 0.0010 * x + 5.7448E-006
R = 0.9998
DL = 0.01183
BEC = 0.005558

Weight: <None>
Min Conc: 0

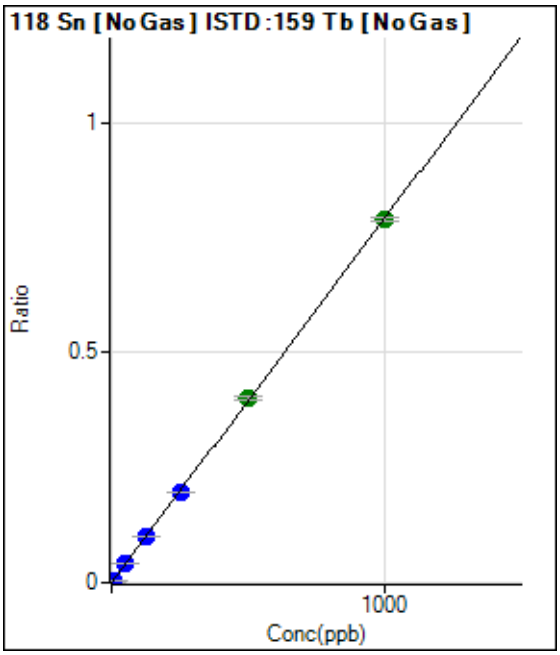


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1450.12	0.0002	P	3.0
2	☐	1.000	1.194	3150.47	0.0005	P	2.4
3	☐	50.000	54.368	82390.14	0.0123	P	2.2
4	☐	125.000	134.457	199021.05	0.0301	P	0.7
5	☐	250.000	265.069	384891.80	0.0591	P	0.4
6	☐	500.000	507.158	730260.24	0.1129	P	0.8
7	☐	1000.000	991.253	1424982.24	0.2204	P	0.6
8	☐			1567.10	0.0003	P	4.8

y = 2.2213E-004 * x + 2.2131E-004
R = 0.9998
DL = 0.08958
BEC = 0.9963

Weight: <None>
Min Conc: 0

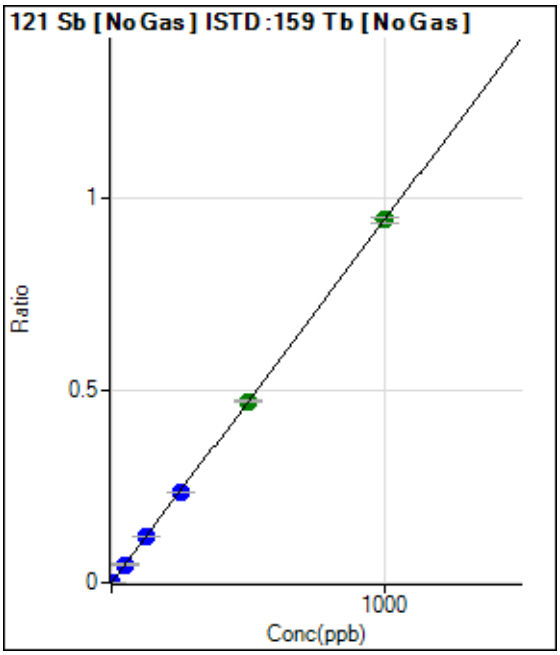
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1018.93	0.0002	P	8.6
2	☐	5.000	5.358	28391.38	0.0044	P	7.0
3	☐	50.000	51.007	271197.90	0.0405	P	0.9
4	☐	125.000	126.264	661300.62	0.1000	P	0.9
5	☐	250.000	248.875	1282357.12	0.1969	P	0.5
6	☐	500.000	507.460	2596291.99	0.4013	A	1.7
7	☐	1000.000	996.341	5093608.64	0.7878	A	1.1
8	☐			5441.08	0.0009	P	3.8

y = 7.9057E-004 * x + 1.5554E-004
R = 1.0000
DL = 0.05096
BEC = 0.1967

Weight: <None>
Min Conc: 0

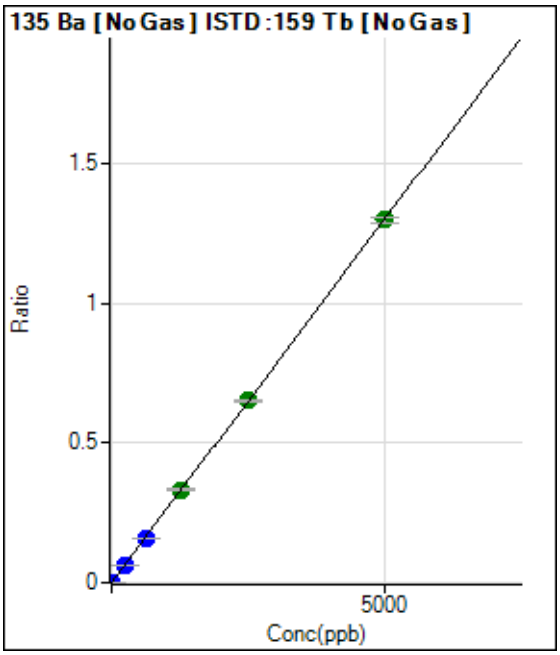


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	55.0
2	☐	2.000	2.164	13259.52	0.0021	P	6.9
3	☐	50.000	50.349	318013.94	0.0475	P	1.5
4	☐	125.000	125.058	779771.38	0.1179	P	0.5
5	☐	250.000	247.782	1521073.74	0.2336	P	0.7
6	☐	500.000	500.379	3051301.45	0.4717	A	1.7
7	☐	1000.000	1000.340	6096136.09	0.9429	A	1.5
8	☐			5249.89	0.0008	P	2.2

y = 9.4257E-004 * x + 1.0989E-005
R = 1.0000
DL = 0.01922
BEC = 0.01166

Weight: <None>
Min Conc: 0

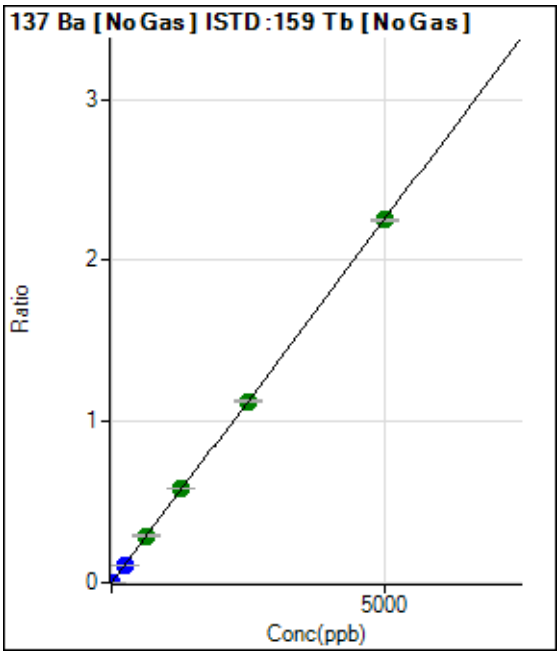
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	16.4
2	☐	10.000	10.319	17414.06	0.0027	P	4.4
3	☐	250.000	244.210	425296.77	0.0635	P	1.1
4	☐	625.000	606.146	1042143.66	0.1576	P	0.6
5	☐	1250.000	1282.793	2171399.06	0.3334	A	2.0
6	☐	2500.000	2502.270	4207735.56	0.6504	A	1.2
7	☐	5000.000	4993.312	8390812.45	1.2978	A	1.3
8	☐			3078.14	0.0005	P	4.3

y = 2.5991E-004 * x + 9.4853E-006
R = 1.0000
DL = 0.01791
BEC = 0.03649

Weight: <None>
Min Conc: 0

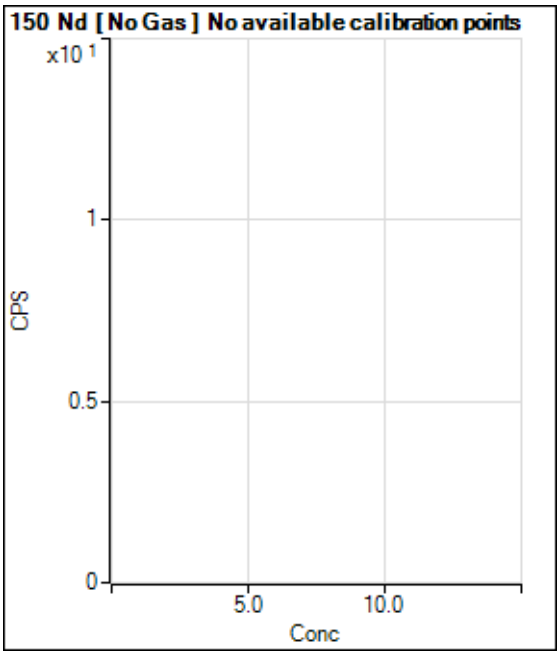


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118.89	0.0000	P	5.1
2	☐	10.000	10.212	29923.69	0.0046	P	4.4
3	☐	250.000	244.189	738095.59	0.1102	P	1.2
4	☐	625.000	647.061	1930805.04	0.2919	A	0.5
5	☐	1250.000	1287.786	3783303.48	0.5809	A	0.6
6	☐	2500.000	2491.825	7272316.63	1.1241	A	1.4
7	☐	5000.000	4992.173	14559533.11	2.2520	A	0.8
8	☐			5036.50	0.0008	P	2.4

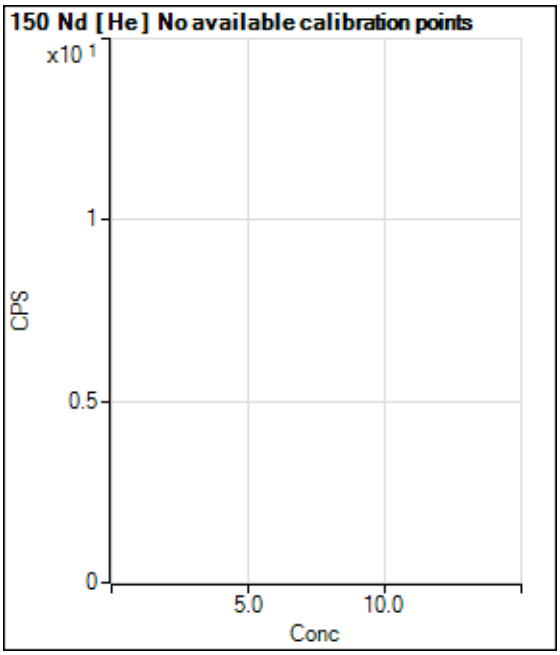
y = 4.5110E-004 * x + 1.8148E-005
R = 1.0000
DL = 0.006188
BEC = 0.04023

Weight: <None>
Min Conc: 0

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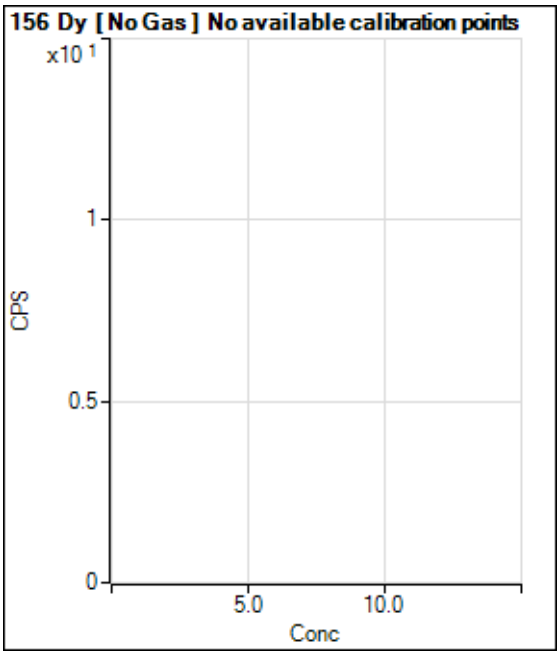


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	100.
2	☐			8.89		P	78.1
3	☐			30.00		P	55.6
4	☐			76.67		P	11.5
5	☐			135.56		P	17.3
6	☐			281.11		P	12.8
7	☐			546.68		P	6.2
8	☐			131.12		P	2.9

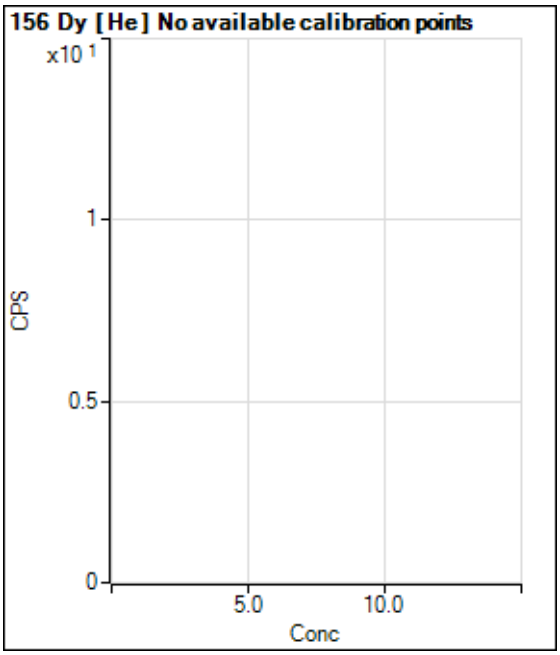


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	173.
2	☐			2.22		P	86.6
3	☐			8.89		P	43.3
4	☐			15.55		P	24.8
5	☐			36.67		P	NaN
6	☐			54.45		P	44.3
7	☐			113.34		P	2.9
8	☐			65.56		P	14.7

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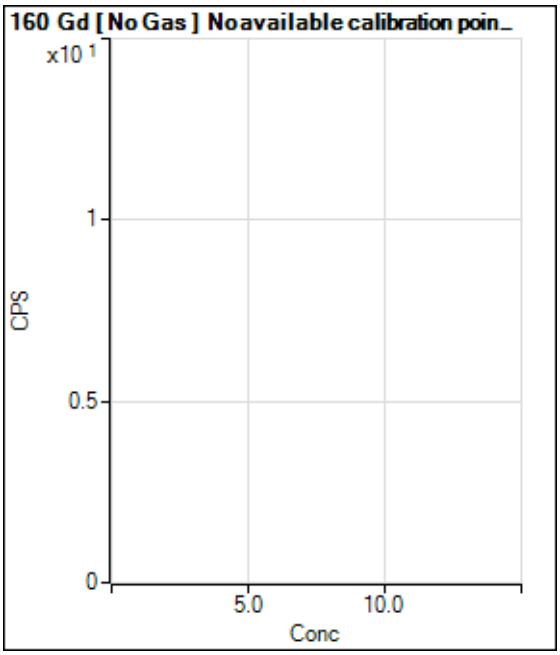


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			327.79		P	7.1
2	☐			291.12		P	10.4
3	☐			253.34		P	9.2
4	☐			251.11		P	2.0
5	☐			302.23		P	20.3
6	☐			305.56		P	10.4
7	☐			373.34		P	9.3
8	☐			497.79		P	9.8

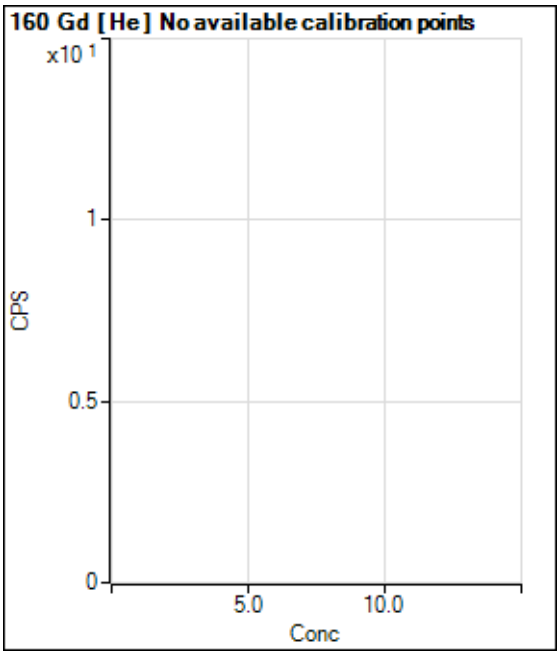


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			51.11		P	35.9
2	☐			61.11		P	39.5
3	☐			73.33		P	18.2
4	☐			105.56		P	3.6
5	☐			137.78		P	9.8
6	☐			230.00		P	25.8
7	☐			356.67		P	11.4
8	☐			208.89		P	26.8

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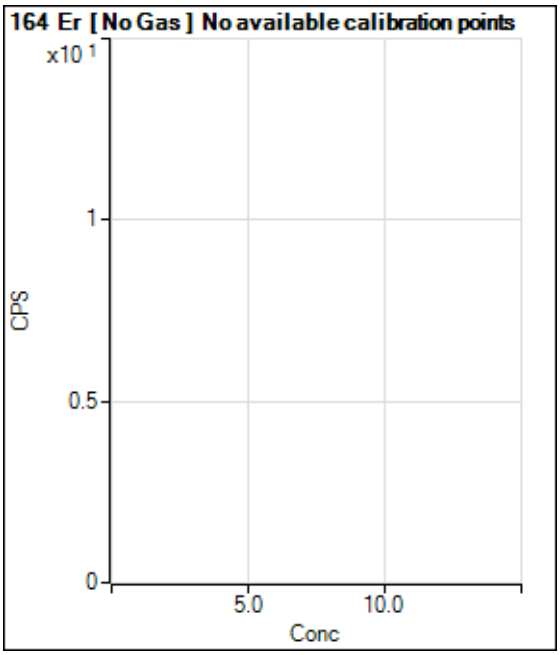


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1	☐			17.78		P	57.3
2	☐			16.67		P	20.0
3	☐			30.00		P	0.0
4	☐			31.11		P	22.3
5	☐			45.55		P	15.2
6	☐			65.56		P	33.1
7	☐			96.67		P	9.1
8	☐			253.34		P	3.5

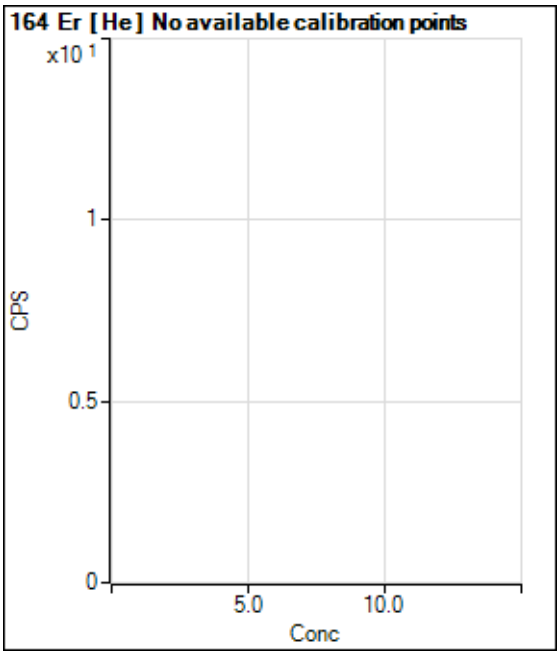


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			191.12		P	8.8
2	☐			183.34		P	22.1
3	☐			177.78		P	9.4
4	☐			206.67		P	2.8
5	☐			246.67		P	14.1
6	☐			193.34		P	14.1
7	☐			194.45		P	2.6
8	☐			293.34		P	11.5

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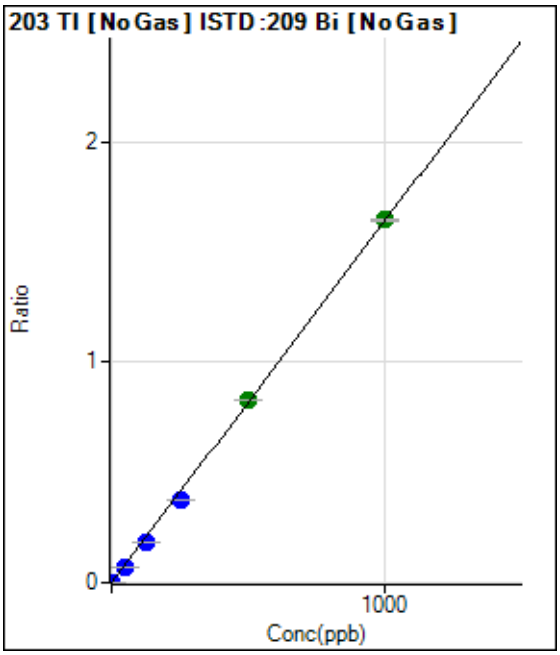


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			28.89		P	6.7
2	☐			26.67		P	37.5
3	☐			27.78		P	48.5
4	☐			34.45		P	20.1
5	☐			38.89		P	4.9
6	☐			71.11		P	2.7
7	☐			90.00		P	3.7
8	☐			223.34		P	9.3



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			23.33		P	14.3
2	☐			14.44		P	53.3
3	☐			27.78		P	25.0
4	☐			14.44		P	35.3
5	☐			32.22		P	29.8
6	☐			37.78		P	18.4
7	☐			85.55		P	22.8
8	☐			140.00		P	17.2

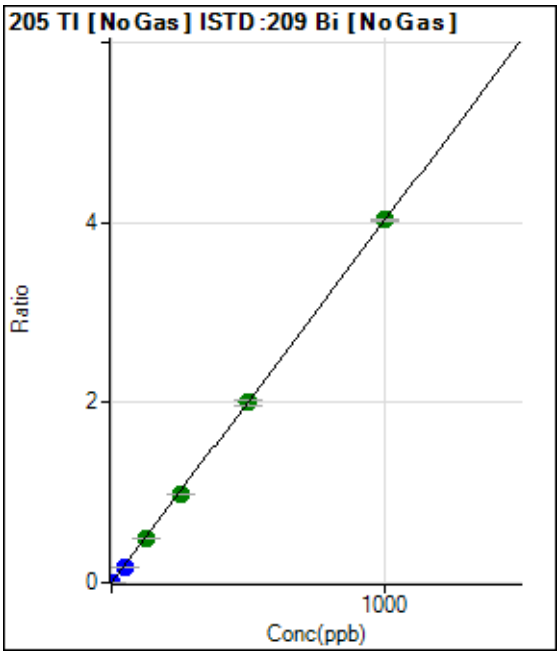
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.11	0.0000	P	32.6
2	☐	1.000	0.924	6179.23	0.0015	P	5.4
3	☐	50.000	44.510	304859.75	0.0730	P	1.2
4	☐	125.000	112.631	759936.98	0.1846	P	1.2
5	☐	250.000	227.999	1507814.87	0.3737	P	0.8
6	☐	500.000	505.951	3312196.55	0.8292	A	0.7
7	☐	1000.000	1004.345	6525476.92	1.6459	A	0.2
8	☐			671.13	0.0002	P	14.3

y = 0.0016 * x + 2.6940E-005
R = 0.9997
DL = 0.01606
BEC = 0.01644

Weight: <None>
Min Conc: 0

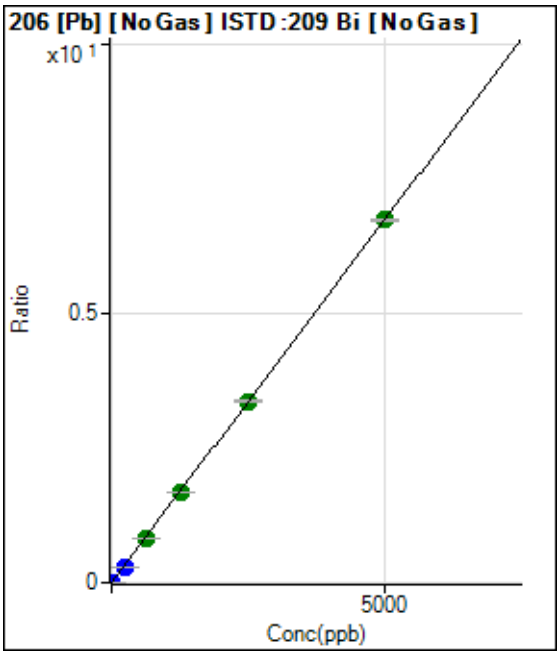


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	281.12	0.0001	P	19.8
2	☐	1.000	0.917	15058.43	0.0038	P	6.6
3	☐	50.000	43.725	735287.37	0.1760	P	1.2
4	☐	125.000	122.294	2025819.08	0.4921	A	1.4
5	☐	250.000	246.908	4008887.06	0.9935	A	0.1
6	☐	500.000	497.668	7998677.03	2.0024	A	2.5
7	☐	1000.000	1002.591	15992227.12	4.0339	A	0.6
8	☐			1772.36	0.0005	P	11.1

y = 0.0040 * x + 6.8080E-005
R = 1.0000
DL = 0.01003
BEC = 0.01692

Weight: <None>
Min Conc: 0

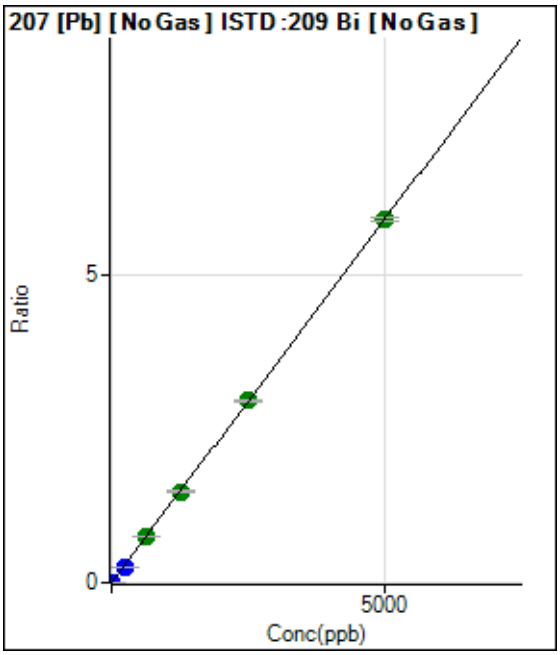
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	396.68	0.0001	P	6.8
2	☐	1.000	0.920	5348.88	0.0013	P	4.8
3	☐	250.000	219.913	1235839.16	0.2958	P	1.6
4	☐	625.000	619.205	3427877.87	0.8327	A	0.5
5	☐	1250.000	1242.056	6739780.18	1.6702	A	0.7
6	☐	2500.000	2502.803	13443672.72	3.3654	A	1.6
7	☐	5000.000	5002.814	26670211.55	6.7270	A	0.2
8	☐			5052.10	0.0014	P	9.1

y = 0.0013 * x + 9.6280E-005
R = 1.0000
DL = 0.0147
BEC = 0.0716

Weight: <None>
Min Conc: 0

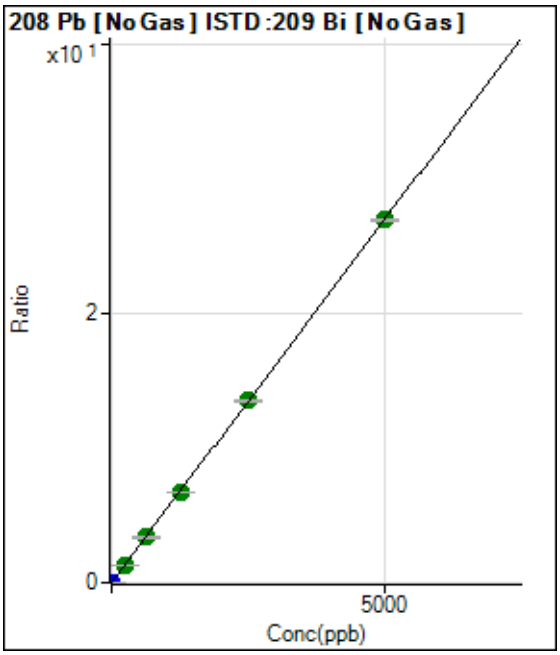


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	383.34	0.0001	P	8.2
2	☐	1.000	0.922	4738.66	0.0012	P	5.9
3	☐	250.000	220.594	1087932.15	0.2604	P	1.7
4	☐	625.000	625.830	3040447.56	0.7386	A	0.2
5	☐	1250.000	1257.489	5988086.23	1.4839	A	1.2
6	☐	2500.000	2503.814	11802839.55	2.9546	A	1.7
7	☐	5000.000	4997.587	23379407.43	5.8973	A	1.0
8	☐			4346.29	0.0012	P	8.4

y = 0.0012 * x + 9.3059E-005
R = 1.0000
DL = 0.01937
BEC = 0.07886

Weight: <None>
Min Conc: 0

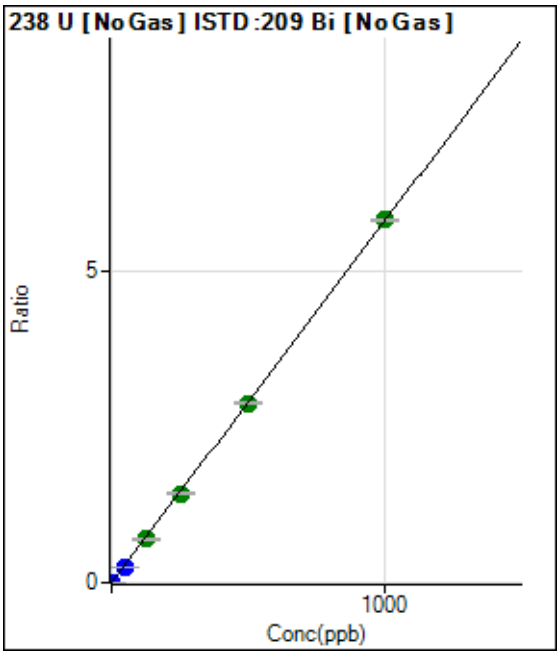
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1671.17	0.0004	P	7.2
2	☐	1.000	0.925	21614.74	0.0054	P	4.7
3	☐	250.000	234.066	5268507.52	1.2610	A	1.6
4	☐	625.000	623.166	13818001.63	3.3566	A	0.6
5	☐	1250.000	1249.931	27166092.30	6.7322	A	0.9
6	☐	2500.000	2506.503	53926538.22	13.4997	A	1.4
7	☐	5000.000	4997.791	106717849.2	26.9171	A	0.6
8	☐			20295.09	0.0058	P	7.1

y = 0.0054 * x + 4.0567E-004
R = 1.0000
DL = 0.01631
BEC = 0.07532

Weight: <None>
Min Conc: 0

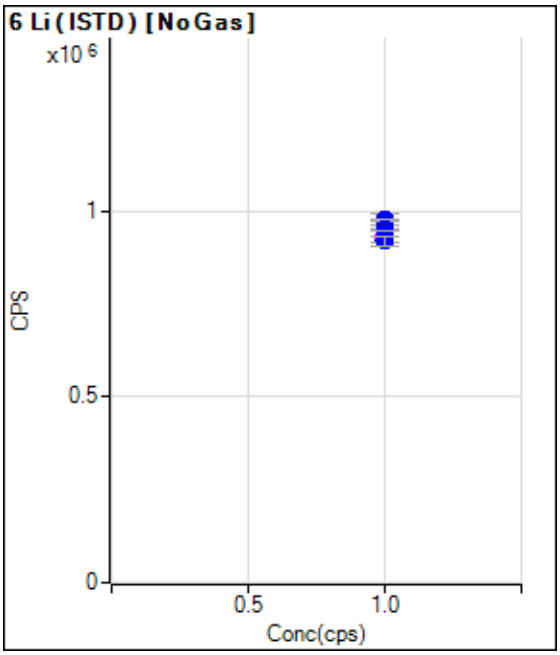


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0000	P	6.9
2	☐	1.000	0.868	20256.58	0.0050	P	5.0
3	☐	50.000	41.087	997401.44	0.2387	P	1.4
4	☐	125.000	120.248	2876332.60	0.6987	A	1.8
5	☐	250.000	245.886	5764627.07	1.4286	A	1.8
6	☐	500.000	496.386	11521037.47	2.8841	A	1.1
7	☐	1000.000	1003.875	23124701.32	5.8327	A	0.6
8	☐			992.27	0.0003	P	5.9

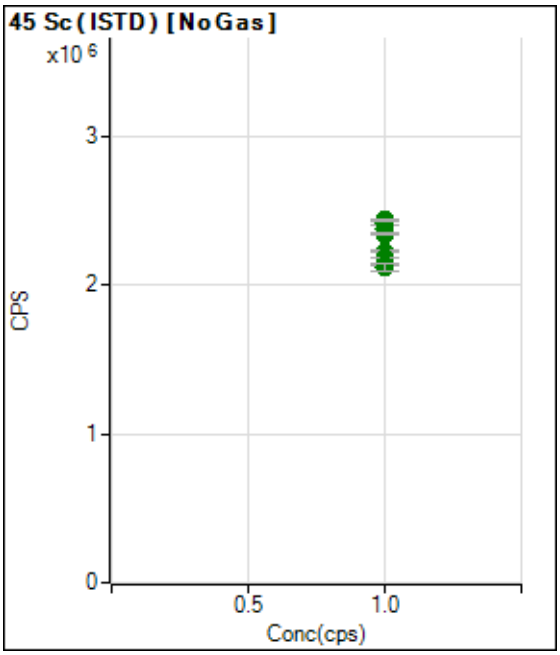
y = 0.0058 * x + 5.9275E-006
R = 1.0000
DL = 0.0002117
BEC = 0.00102

Weight: <None>
Min Conc: 0

Reviewed By:jaswal
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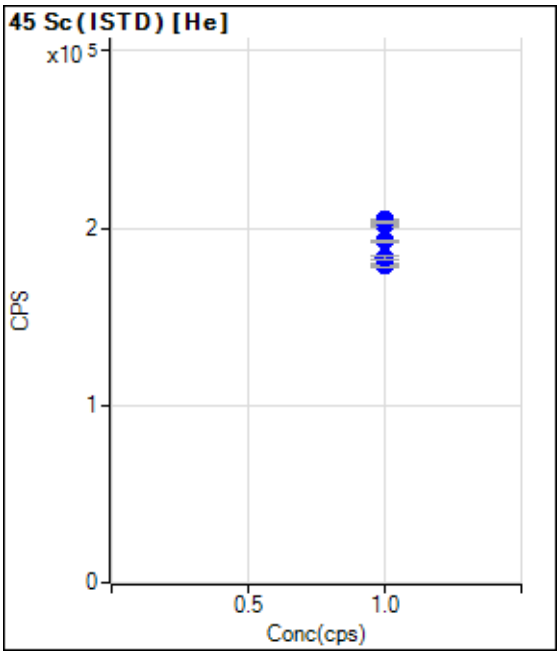


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1	☐	1.000		974956.92		P	0.8
2	☐	1.000		927807.55		M	4.8
3	☐	1.000		972991.16		M	3.7
4	☐	1.000		937489.45		M	5.1
5	☐	1.000		976421.44		P	0.7
6	☐	1.000		949709.34		P	0.5
7	☐	1.000		946553.11		P	0.4
8	☐	1.000		919455.84		P	2.7

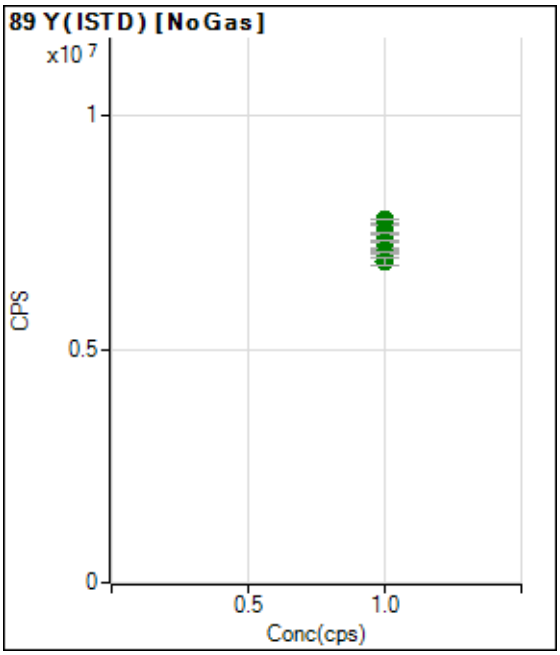


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2420726.95		A	1.1
2	☐	1.000		2385813.37		A	3.8
3	☐	1.000		2439720.57		A	0.3
4	☐	1.000		2344308.59		A	0.6
5	☐	1.000		2229804.90		A	0.3
6	☐	1.000		2185614.07		A	0.3
7	☐	1.000		2135070.28		A	0.6
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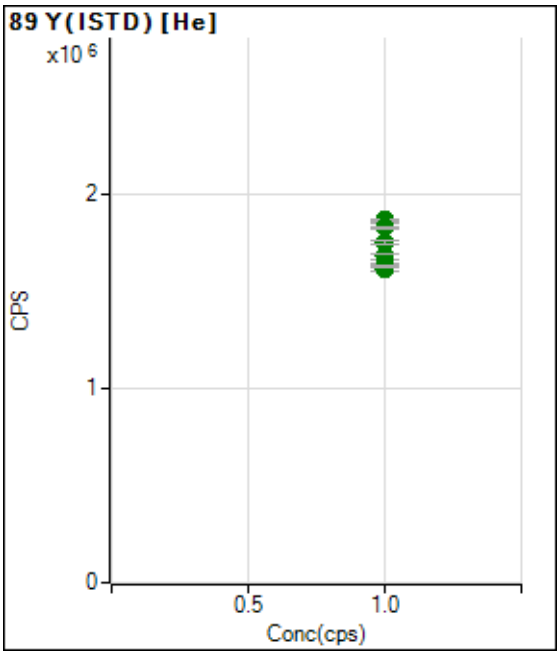


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1	☐	1.000		201205.66		P	0.4
2	☐	1.000		204607.12		P	0.6
3	☐	1.000		203414.36		P	0.3
4	☐	1.000		192667.81		P	0.4
5	☐	1.000		183368.52		P	0.9
6	☐	1.000		179286.51		P	0.6
7	☐	1.000		178504.37		P	0.5
8	☐	1.000		183469.40		P	1.1

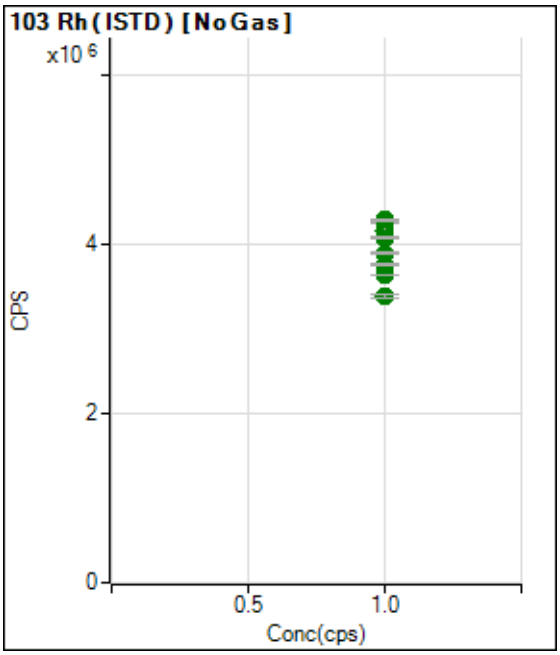


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		7676829.12		A	0.7
2	☐	1.000		7507739.26		A	4.5
3	☐	1.000		7778080.79		A	0.2
4	☐	1.000		7495050.86		A	0.4
5	☐	1.000		7306942.11		A	0.7
6	☐	1.000		7134075.73		A	0.5
7	☐	1.000		7070291.42		A	0.1
8	☐	1.000		6874901.15		A	2.6

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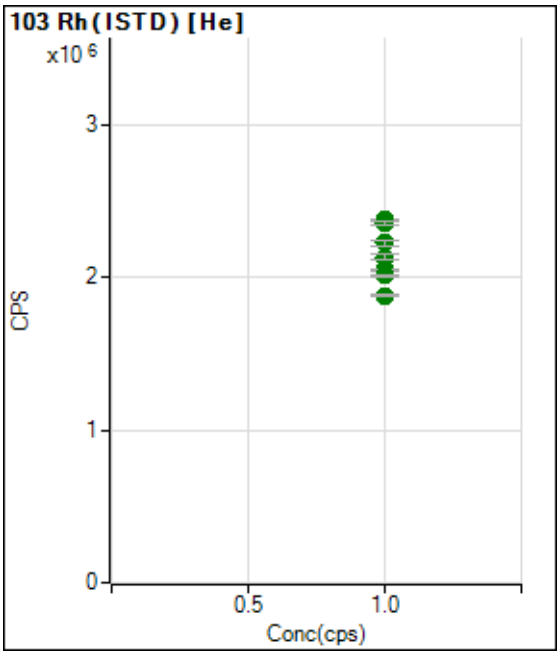


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1	☐	1.000		1858574.54		A	0.6
2	☐	1.000		1872468.42		A	0.5
3	☐	1.000		1833288.79		A	0.3
4	☐	1.000		1754170.08		A	1.2
5	☐	1.000		1686337.49		A	1.7
6	☐	1.000		1644485.63		A	0.5
7	☐	1.000		1622240.15		A	1.2
8	☐	1.000		1631508.08		A	0.2

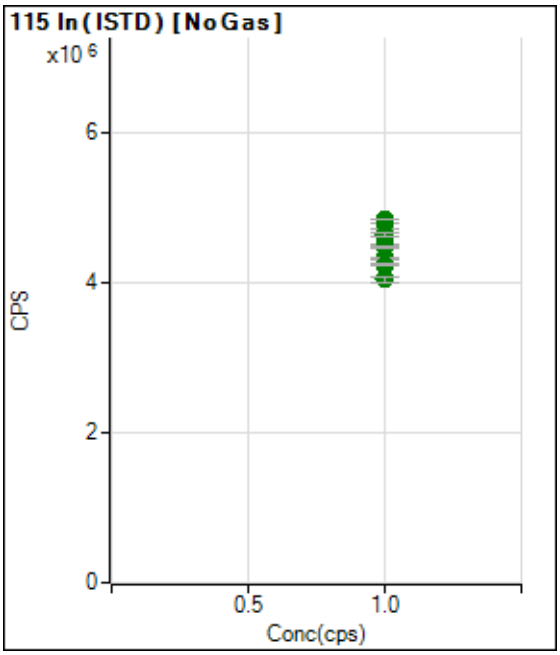


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4280816.22		A	1.1
2	☐	1.000		4173434.97		A	4.7
3	☐	1.000		4292729.21		A	0.7
4	☐	1.000		4082265.25		A	0.8
5	☐	1.000		3901926.09		A	0.3
6	☐	1.000		3758314.39		A	0.6
7	☐	1.000		3642739.63		A	0.4
8	☐	1.000		3390612.14		A	1.2

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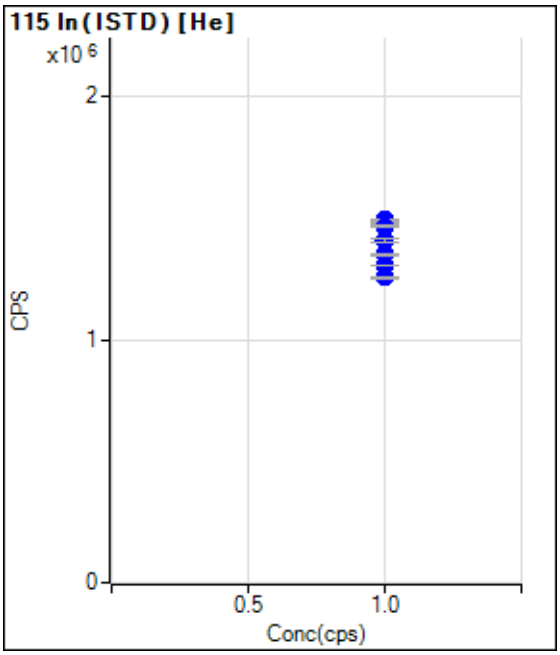


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2379599.62		A	0.9
2	☐	1.000		2376493.63		A	0.4
3	☐	1.000		2358732.24		A	0.9
4	☐	1.000		2227322.50		A	1.6
5	☐	1.000		2136802.35		A	1.8
6	☐	1.000		2052473.23		A	0.5
7	☐	1.000		2012022.29		A	0.9
8	☐	1.000		1880252.44		A	0.7

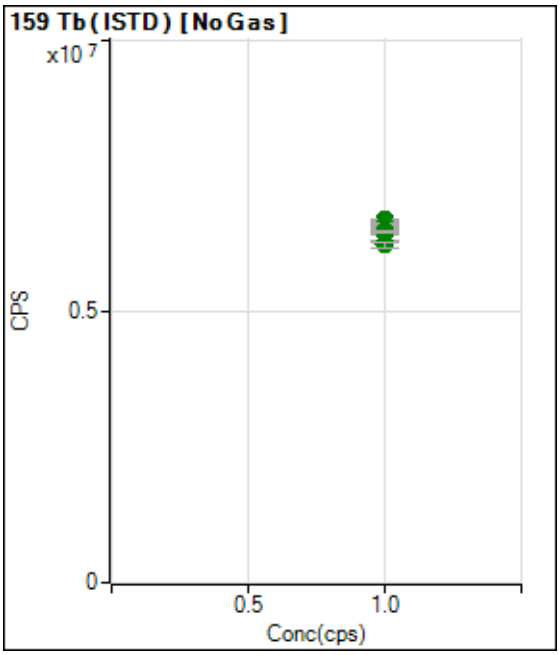


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1	☐	1.000		4801814.68		A	0.4
2	☐	1.000		4616004.57		A	4.6
3	☐	1.000		4844265.64		A	0.2
4	☐	1.000		4654731.94		A	0.9
5	☐	1.000		4490664.00		A	0.6
6	☐	1.000		4334660.09		A	0.7
7	☐	1.000		4246869.38		A	0.5
8	☐	1.000		4047901.22		A	1.8

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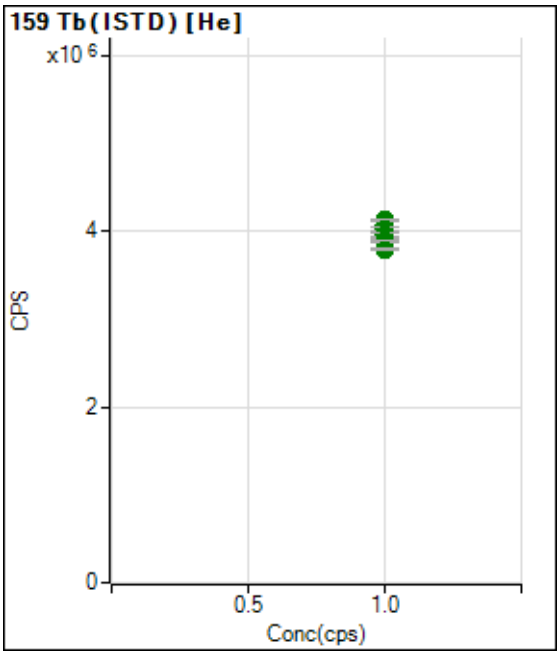


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1	☐	1.000		1472471.66		P	0.6
2	☐	1.000		1492099.14		P	0.2
3	☐	1.000		1466164.81		P	0.2
4	☐	1.000		1407925.80		P	0.9
5	☐	1.000		1349520.34		P	0.6
6	☐	1.000		1304608.51		P	0.2
7	☐	1.000		1256522.35		P	0.5
8	☐	1.000		1253880.51		P	0.7

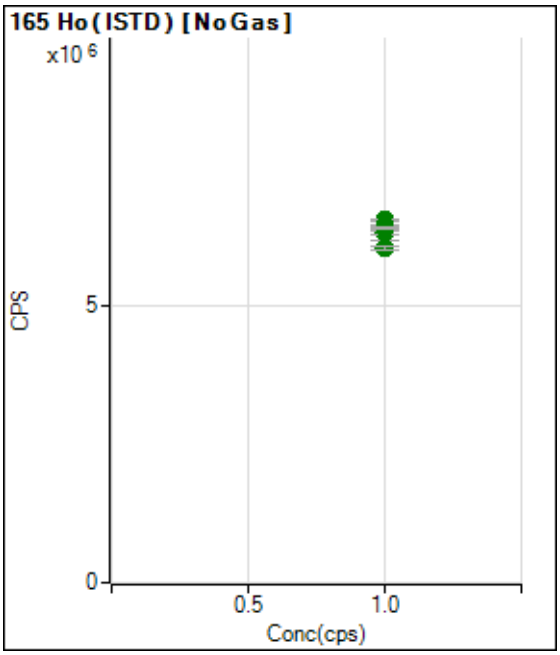


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6553047.68		A	1.0
2	☐	1.000		6478897.33		A	4.7
3	☐	1.000		6699614.76		A	0.2
4	☐	1.000		6614504.90		A	0.3
5	☐	1.000		6512551.98		A	0.8
6	☐	1.000		6469721.64		A	0.9
7	☐	1.000		6465108.72		A	0.6
8	☐	1.000		6239315.32		A	1.9

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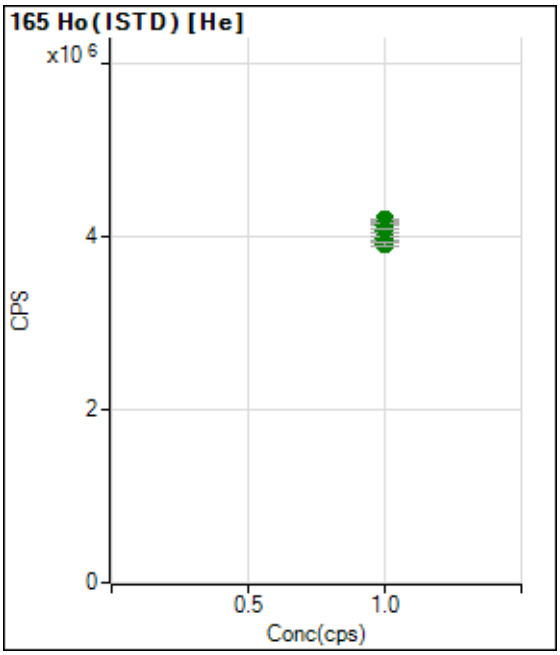


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4074752.92		A	1.7
2	☐	1.000		4123779.70		A	0.3
3	☐	1.000		4127891.81		A	0.8
4	☐	1.000		4021776.75		A	0.9
5	☐	1.000		3952808.76		A	1.0
6	☐	1.000		3904977.51		A	0.9
7	☐	1.000		3885305.46		A	0.4
8	☐	1.000		3794349.74		A	1.0

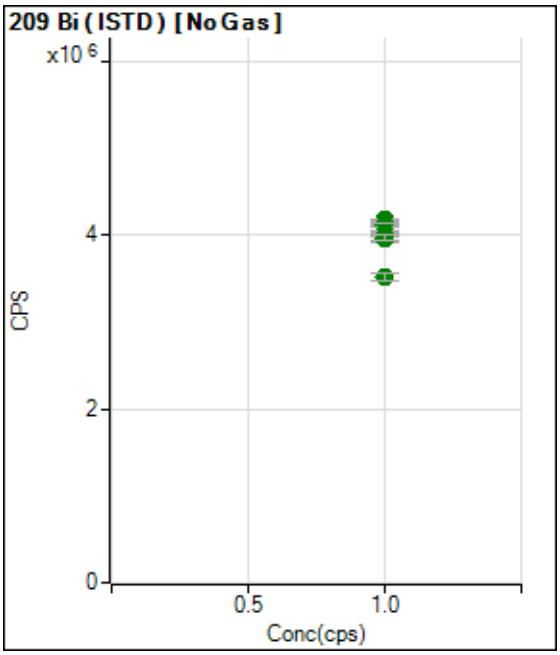


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6385939.70		A	0.9
2	☐	1.000		6329494.07		A	4.4
3	☐	1.000		6558828.45		A	0.3
4	☐	1.000		6460603.17		A	0.3
5	☐	1.000		6383226.43		A	0.4
6	☐	1.000		6321500.39		A	1.2
7	☐	1.000		6410092.47		A	0.8
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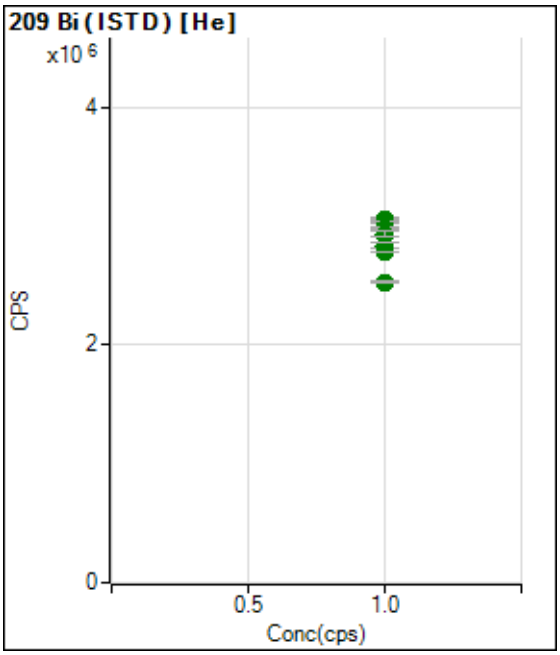


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4147810.08		A	0.8
2	☐	1.000		4198733.69		A	0.6
3	☐	1.000		4187639.03		A	0.6
4	☐	1.000		4128524.70		A	1.9
5	☐	1.000		4062204.49		A	1.1
6	☐	1.000		3984471.95		A	1.1
7	☐	1.000		3987407.65		A	0.8
8	☐	1.000		3916969.87		A	1.5



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4122114.80		A	1.4
2	☐	1.000		4018165.91		A	5.1
3	☐	1.000		4178064.42		A	0.5
4	☐	1.000		4116571.95		A	0.8
5	☐	1.000		4035252.51		A	0.6
6	☐	1.000		3994683.00		A	0.5
7	☐	1.000		3964720.64		A	1.6
8	☐	1.000		3515368.77		A	2.3

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3053023.25		A	1.5
2	☐	1.000		3047355.48		A	0.4
3	☐	1.000		3045253.46		A	0.3
4	☐	1.000		2980847.21		A	0.8
5	☐	1.000		2931730.89		A	1.8
6	☐	1.000		2838389.09		A	1.4
7	☐	1.000		2785918.01		A	0.1
8	☐	1.000		2530232.95		A	0.4

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7
ClientSampleId :TUNE015

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7100824-MS2.b
Acq. Date-Time	2024-10-08 12:20:29
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		2630	26296.97			0.465	5.000
24		89463	894629.32			0.787	5.000
25		11533	115333.35			1.017	5.000
26		12915	129154.66			1.086	5.000
59		23992	239920.69			0.217	5.000
113		2230	22304.19			0.353	5.000
115		49918	499175.39			0.886	5.000
206		11594	115944.34			0.598	5.000
207		9678	96783.69			0.722	5.000
208		23438	234375.77			0.787	5.000
220		0	2.70			48.290	

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

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2629	2615	2628	2649	2628
24	88993	88653	89316	89992	90361
25	11401	11437	11548	11589	11692
26	12721	12820	12963	13021	13052
59	23991	23933	23950	24034	24053
113	2228	2241	2236	2224	2222
115	50549	50141	49828	49662	49407
206	11568	11484	11639	11645	11637
207	9617	9590	9735	9742	9707
208	23286	23231	23477	23501	23692

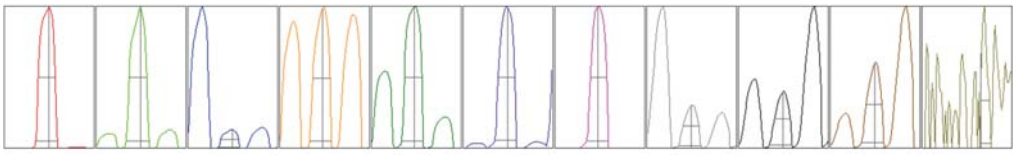
Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7
ClientSampleId :TUNE015

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	1	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4906.92	9.00	8.90 - 9.10	
24	163913.06	24.00	23.90 - 24.10	
25	21154.11	25.00	24.90 - 25.10	
26	23278.97	25.95	25.90 - 26.10	
59	42180.70	58.95	58.90 - 59.10	
113	4194.72	113.00	112.90 - 113.10	
115	94623.67	114.95	114.90 - 115.10	
206	22472.02	206.00	205.90 - 206.10	
207	18603.46	207.00	206.90 - 207.10	
208	46020.49	208.00	207.90 - 208.10	
220	0.50	220.50	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.727	0.900	
24	0.59	0.775	0.900	
25	0.58	0.700	0.900	
26	0.58	0.737	0.900	
59	0.59	0.732	0.900	
113	0.54	0.733	0.900	
115	0.54	0.740	0.900	
206	0.53	0.758	0.900	
207	0.52	0.764	0.900	
208	0.52	0.761	0.900	
220	0.28	0.343		

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:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7
ClientSampleId :TUNE015

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	8.1 V	Deflect	16.6 V
Extract 2	-115.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9979	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2385 V	Pulse HV	1685 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7735	77353.15			3.845	
89		74907	749069.17			4.372	
205		25360	253598.92			2.967	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7903	7829	7852	7887	7206
89	76242	76313	76607	76318	69054
205	25914	25655	25688	25502	24040

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	8.5 V	Deflect	3.6 V

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7
ClientSampleId :TUNE015

US EPA Tune Check Report

Extract 2	-110.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
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	0.9979	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.10		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.9 mV	Analog HV	2385 V	Pulse HV	1685 V

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:36:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.12	-0.09	0.00	N/A	ppb
Antimony	121-1	-0.01	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	135-1	-0.01	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	0.01	0.00	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.25	-0.45	0.20	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.03	0.02	0.00	N/A	ppb
Calcium	43-1	-0.59	-0.66	1.25	0.00	N/A	ppb
Calcium	44-1	0.12	-0.50	0.38	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	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.02	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	-0.02	-0.01	0.00	N/A	ppb
Iron	57-2	-0.22	-0.12	0.34	0.00	N/A	ppb
Iron	54-2	0.60	-0.03	-0.57	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:36:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.03	0.03	0.00	0.00	N/A	ppb
Manganese	55-2	0.00	-0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.03	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-16.38	-15.45	-13.73	-15.19		ppb
Potassium	39-2	-1.86	1.31	0.55	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.49	0.28	0.20	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.47	0.62	-0.16	0.00	N/A	ppb
Silicon	28-1	-0.02	0.07	-0.05	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	0.75	-0.08	-0.67	0.00	N/A	ppb
Strontium	86-1	0.01	0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	19.69	0.06	-101.44	-27.23		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.00	0.00	N/A	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:36:59	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	0.00	-0.03	0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:40:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.24	22.08	24.19	22.84	5.13	ppb
Antimony	121-1	2.03	2.13	2.33	2.16	6.96	ppb
Arsenic	75-2	1.12	1.04	1.29	1.15	10.92	ppb
Barium	135-1	10.06	10.06	10.84	10.32	4.39	ppb
Barium	137-1	9.84	10.08	10.71	10.21	4.42	ppb
Beryllium	9-1	1.07	1.25	1.19	1.17	7.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.86	1.01	0.94	0.94	8.23	ppb
Cadmium	106-1	1.07	1.49	1.12	1.23	18.78	ppb
Cadmium	111-1	1.19	1.14	1.25	1.19	4.35	ppb
Calcium	43-1	540.17	577.52	603.71	573.80	5.56	ppb
Calcium	44-1	554.00	559.35	617.66	577.00	6.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.30	2.26	2.23	3.98	ppb
Cobalt	59-2	1.16	1.14	1.19	1.16	2.22	ppb
Copper	63-2	2.12	2.22	2.04	2.13	4.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	58.94	59.16	59.68	59.26	0.64	ppb
Iron	57-2	60.20	64.36	63.53	62.70	3.51	ppb
Iron	54-2	60.30	63.65	60.40	61.45	3.11	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:40:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.93	0.87	0.96	0.92	5.17	ppb
Lead	207-1	0.88	0.90	0.99	0.92	6.38	ppb
Lead	208-1	0.90	0.89	0.98	0.93	5.11	ppb
Lithium	6-1				95		%
Magnesium	24-2	543.66	550.55	545.51	546.57	0.65	ppb
Manganese	55-2	1.14	1.17	1.14	1.15	1.77	ppb
Molybdenum	94-1	5.77	5.81	6.29	5.96	4.88	ppb
Molybdenum	95-1	4.85	4.92	5.38	5.05	5.69	ppb
Molybdenum	96-1	4.89	5.05	5.49	5.14	6.05	ppb
Molybdenum	97-1	4.88	5.02	5.39	5.10	5.10	ppb
Molybdenum	98-1	4.98	4.92	5.42	5.11	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.16	1.11	1.14	2.54	ppb
Phosphorus	31-2	9.50	14.30	21.76	15.19	40.68	ppb
Potassium	39-2	559.02	554.69	559.94	557.88	0.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	5.82	5.87	5.85	5.85	0.45	ppb
Selenium	77-2	3.25	7.36	4.92	5.18	39.93	ppb
Selenium	78-2	5.10	4.08	6.18	5.12	20.43	ppb
Silicon	28-1	1.03	1.13	2.02	1.40	39.09	ppb
Silver	107-1	1.06	1.04	1.18	1.09	6.98	ppb
Silver	109-1	1.07	1.07	1.16	1.10	4.98	ppb
Sodium	23-2	543.64	553.64	543.91	547.07	1.04	ppb
Strontium	86-1	1.00	1.07	1.16	1.08	7.41	ppb
Strontium	88-1	1.02	1.01	1.14	1.06	6.71	ppb
Sulfur	34-1	-155.47	-188.57	425.73	27.23	1268.90	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.87	0.97	0.92	5.54	ppb
Thallium	205-1	0.88	0.88	0.99	0.92	6.75	ppb
Tin	118-1	5.04	5.24	5.79	5.36	7.30	ppb
Titanium	47-1	4.76	5.22	5.78	5.25	9.80	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:40:22	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	0.92	0.87	4.97	ppb
Vanadium	51-2	5.29	5.38	5.41	5.36	1.19	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	5.88	5.76	5.64	5.76	2.08	ppb
Zirconium	90-1	1.02	1.08	1.14	1.08	5.90	ppb
Zirconium	91-1	1.01	1.04	1.09	1.04	3.91	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:43:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1017.99	1031.37	1024.11	1024.49	0.65	ppb
Antimony	121-1	49.52	50.64	50.89	50.35	1.45	ppb
Arsenic	75-2	51.58	52.91	49.53	51.34	3.31	ppb
Barium	135-1	241.45	246.62	244.57	244.21	1.07	ppb
Barium	137-1	241.02	246.39	245.16	244.19	1.15	ppb
Beryllium	9-1	53.67	53.50	57.47	54.88	4.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	56.89	53.10	54.73	54.91	3.47	ppb
Cadmium	106-1	55.41	55.83	55.54	55.59	0.39	ppb
Cadmium	111-1	53.05	55.40	54.65	54.37	2.20	ppb
Calcium	43-1	5793.64	5836.01	5957.64	5862.43	1.45	ppb
Calcium	44-1	5287.30	5384.80	5324.89	5332.33	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.82	52.07	51.74	51.88	0.33	ppb
Cobalt	59-2	51.78	52.09	51.45	51.77	0.61	ppb
Copper	63-2	522.00	526.09	521.94	523.34	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	2650.45	2658.26	2685.32	2664.68	0.69	ppb
Iron	57-2	2807.45	2828.24	2798.41	2811.37	0.54	ppb
Iron	54-2	2812.00	2831.09	2819.94	2821.01	0.34	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:43:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	215.96	222.12	221.66	219.91	1.56	ppb
Lead	207-1	216.45	223.63	221.70	220.59	1.68	ppb
Lead	208-1	229.78	237.15	235.27	234.07	1.64	ppb
Lithium	6-1				100		%
Magnesium	24-2	4902.44	4922.86	4907.93	4911.08	0.22	ppb
Manganese	55-2	516.11	514.48	516.71	515.77	0.22	ppb
Molybdenum	94-1	499.87	506.33	509.79	505.33	1.00	ppb
Molybdenum	95-1	499.78	506.29	508.31	504.79	0.88	ppb
Molybdenum	96-1	503.94	517.31	509.47	510.24	1.32	ppb
Molybdenum	97-1	502.29	508.36	507.78	506.15	0.66	ppb
Molybdenum	98-1	497.50	507.82	503.46	502.93	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.35	53.40	53.29	53.34	0.10	ppb
Phosphorus	31-2	997.54	1036.08	983.98	1005.87	2.69	ppb
Potassium	39-2	2702.64	2721.90	2713.07	2712.53	0.36	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	51.34	53.25	50.57	51.72	2.67	ppb
Selenium	77-2	60.33	54.82	52.12	55.76	7.50	ppb
Selenium	78-2	47.87	52.01	49.83	49.90	4.15	ppb
Silicon	28-1	52.91	53.68	54.12	53.57	1.15	ppb
Silver	107-1	53.92	55.20	55.51	54.88	1.53	ppb
Silver	109-1	53.35	54.61	54.36	54.11	1.22	ppb
Sodium	23-2	4985.75	5040.97	4968.49	4998.40	0.76	ppb
Strontium	86-1	1244.42	1274.69	1278.54	1265.88	1.48	ppb
Strontium	88-1	1239.97	1265.56	1275.47	1260.33	1.45	ppb
Sulfur	34-1	974.86	929.48	1010.80	971.71	4.19	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	43.91	45.00	44.61	44.51	1.25	ppb
Thallium	205-1	43.17	44.14	43.86	43.73	1.15	ppb
Tin	118-1	50.48	51.34	51.20	51.01	0.91	ppb
Titanium	47-1	514.89	519.45	522.99	519.11	0.78	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:43:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	40.43	41.51	41.33	41.09	1.41	ppb
Vanadium	51-2	50.65	51.22	51.02	50.96	0.57	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	511.34	519.18	513.56	514.69	0.79	ppb
Zirconium	90-1	49.74	50.46	50.71	50.30	1.01	ppb
Zirconium	91-1	49.65	50.16	50.90	50.23	1.26	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:46:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2596.50	2603.08	2558.22	2585.93	0.94	ppb
Antimony	121-1	124.32	125.56	125.30	125.06	0.52	ppb
Arsenic	75-2	129.91	128.86	125.82	128.20	1.66	ppb
Barium	135-1	602.65	605.95	609.85	606.15	0.59	ppb
Barium	137-1	650.13	644.05	647.00	647.06	0.47	ppb
Beryllium	9-1	144.70	132.35	141.37	139.47	4.58	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.17	132.48	132.23	133.29	1.22	ppb
Cadmium	106-1	137.74	137.97	136.13	137.28	0.73	ppb
Cadmium	111-1	133.50	134.40	135.47	134.46	0.73	ppb
Calcium	43-1	14300.48	14567.67	14765.28	14544.48	1.60	ppb
Calcium	44-1	13183.13	13285.77	13353.30	13274.06	0.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.01	130.23	130.32	130.52	0.33	ppb
Cobalt	59-2	130.51	130.47	129.92	130.30	0.25	ppb
Copper	63-2	1329.33	1340.18	1311.76	1327.09	1.08	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				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	6765.07	6784.52	6678.48	6742.69	0.84	ppb
Iron	57-2	7088.35	7113.18	7038.66	7080.07	0.54	ppb
Iron	54-2	7166.37	7152.98	7102.67	7140.67	0.47	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:46:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	616.32	618.99	622.30	619.20	0.48	ppb
Lead	207-1	624.63	625.84	627.03	625.83	0.19	ppb
Lead	208-1	619.20	623.20	627.10	623.17	0.63	ppb
Lithium	6-1				96		%
Magnesium	24-2	12003.18	12047.23	12026.49	12025.63	0.18	ppb
Manganese	55-2	1295.48	1285.64	1271.95	1284.36	0.92	ppb
Molybdenum	94-1	1260.59	1298.64	1276.18	1278.47	1.50	ppb
Molybdenum	95-1	1265.41	1296.30	1284.75	1282.15	1.22	ppb
Molybdenum	96-1	1257.75	1284.43	1270.49	1270.89	1.05	ppb
Molybdenum	97-1	1277.68	1294.55	1262.84	1278.36	1.24	ppb
Molybdenum	98-1	1267.30	1275.01	1271.00	1271.10	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.26	132.61	132.43	133.10	0.76	ppb
Phosphorus	31-2	2501.38	2529.61	2558.71	2529.90	1.13	ppb
Potassium	39-2	6496.80	6463.95	6422.46	6461.07	0.58	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	130.48	131.04	129.72	130.41	0.51	ppb
Selenium	77-2	124.90	132.65	140.05	132.53	5.72	ppb
Selenium	78-2	124.35	128.32	128.02	126.90	1.74	ppb
Silicon	28-1	131.79	133.65	135.09	133.51	1.24	ppb
Silver	107-1	133.28	134.70	134.32	134.10	0.55	ppb
Silver	109-1	131.80	132.20	133.14	132.38	0.52	ppb
Sodium	23-2	12788.87	12802.75	12436.55	12676.06	1.64	ppb
Strontium	86-1	3152.36	3177.46	3169.03	3166.28	0.40	ppb
Strontium	88-1	3143.27	3187.05	3172.54	3167.62	0.70	ppb
Sulfur	34-1	2636.11	2669.03	2608.54	2637.89	1.15	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	111.80	111.92	114.18	112.63	1.19	ppb
Thallium	205-1	121.01	121.67	124.20	122.29	1.38	ppb
Tin	118-1	125.05	126.36	127.39	126.26	0.93	ppb
Titanium	47-1	1283.93	1300.53	1309.53	1298.00	1.00	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:46:55	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	117.86	120.98	121.90	120.25	1.76	ppb
Vanadium	51-2	129.19	128.10	127.23	128.17	0.77	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	1297.77	1293.79	1283.83	1291.80	0.56	ppb
Zirconium	90-1	126.01	127.67	127.51	127.07	0.72	ppb
Zirconium	91-1	125.91	126.94	127.48	126.78	0.63	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:49:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5261.47	5175.19	5271.90	5236.19	1.01	ppb
Antimony	121-1	247.37	246.28	249.69	247.78	0.70	ppb
Arsenic	75-2	253.51	251.44	258.16	254.37	1.35	ppb
Barium	135-1	1270.50	1266.00	1311.88	1282.79	1.97	ppb
Barium	137-1	1296.19	1287.29	1279.88	1287.79	0.63	ppb
Beryllium	9-1	262.66	260.28	259.64	260.86	0.61	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	263.25	264.45	261.83	263.18	0.50	ppb
Cadmium	106-1	266.47	267.77	264.54	266.26	0.61	ppb
Cadmium	111-1	265.06	264.03	266.12	265.07	0.39	ppb
Calcium	43-1	28930.10	29439.80	29269.69	29213.20	0.89	ppb
Calcium	44-1	26408.44	26836.96	26813.63	26686.34	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261.27	259.67	264.79	261.91	1.00	ppb
Cobalt	59-2	260.73	258.10	262.17	260.33	0.79	ppb
Copper	63-2	2650.67	2622.35	2638.55	2637.19	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				100		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	13505.70	13479.91	13596.70	13527.44	0.45	ppb
Iron	57-2	14277.20	14133.42	14316.37	14242.33	0.68	ppb
Iron	54-2	14482.93	14226.82	14443.93	14384.56	0.96	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:49:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1232.65	1249.84	1243.68	1242.06	0.70	ppb
Lead	207-1	1243.35	1254.71	1274.40	1257.49	1.25	ppb
Lead	208-1	1239.05	1249.02	1261.72	1249.93	0.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	24888.41	24575.22	24494.92	24652.85	0.84	ppb
Manganese	55-2	2577.76	2559.70	2570.68	2569.38	0.35	ppb
Molybdenum	94-1	2518.49	2551.17	2537.41	2535.69	0.65	ppb
Molybdenum	95-1	2489.32	2538.03	2544.08	2523.81	1.19	ppb
Molybdenum	96-1	2491.24	2533.62	2527.58	2517.48	0.91	ppb
Molybdenum	97-1	2493.15	2560.28	2532.50	2528.65	1.33	ppb
Molybdenum	98-1	2473.19	2524.08	2540.23	2512.50	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.07	261.88	264.92	263.62	0.60	ppb
Phosphorus	31-2	5134.16	5117.19	5291.11	5180.82	1.85	ppb
Potassium	39-2	12806.00	12786.78	12974.20	12855.66	0.80	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	252.51	262.55	263.80	259.62	2.38	ppb
Selenium	77-2	249.70	263.30	268.20	260.40	3.68	ppb
Selenium	78-2	252.46	254.61	252.10	253.06	0.54	ppb
Silicon	28-1	262.52	264.72	266.03	264.42	0.67	ppb
Silver	107-1	270.60	265.93	272.08	269.54	1.19	ppb
Silver	109-1	268.73	266.48	266.83	267.34	0.45	ppb
Sodium	23-2	25890.10	25835.40	26144.22	25956.57	0.63	ppb
Strontium	86-1	6196.20	6328.51	6459.08	6327.93	2.08	ppb
Strontium	88-1	6249.50	6339.52	6338.60	6309.21	0.82	ppb
Sulfur	34-1	5144.42	5230.89	5162.76	5179.36	0.88	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	226.53	227.48	229.99	228.00	0.79	ppb
Thallium	205-1	246.93	246.60	247.19	246.91	0.12	ppb
Tin	118-1	248.89	247.74	250.00	248.88	0.45	ppb
Titanium	47-1	2514.83	2554.06	2544.63	2537.84	0.81	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:49:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	244.69	242.20	250.77	245.89	1.79	ppb
Vanadium	51-2	258.28	254.97	259.85	257.70	0.97	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	2613.42	2580.14	2631.82	2608.46	1.00	ppb
Zirconium	90-1	249.25	255.06	251.73	252.01	1.16	ppb
Zirconium	91-1	246.37	253.10	254.21	251.23	1.69	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:52:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10411.61	10381.86	10331.06	10374.84	0.39	ppb
Antimony	121-1	496.62	494.53	509.98	500.38	1.67	ppb
Arsenic	75-2	507.19	511.48	508.96	509.21	0.42	ppb
Barium	135-1	2473.07	2501.11	2532.63	2502.27	1.19	ppb
Barium	137-1	2466.01	2478.42	2531.05	2491.83	1.39	ppb
Beryllium	9-1	502.63	506.78	508.55	505.99	0.60	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	505.81	502.99	506.67	505.16	0.38	ppb
Cadmium	106-1	505.95	508.94	510.85	508.58	0.49	ppb
Cadmium	111-1	504.66	505.17	511.64	507.16	0.77	ppb
Calcium	43-1	56927.25	57372.95	57437.61	57245.94	0.49	ppb
Calcium	44-1	52035.57	53072.62	52680.07	52596.09	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.78	512.70	513.33	514.94	0.65	ppb
Cobalt	59-2	518.57	509.74	508.13	512.15	1.10	ppb
Copper	63-2	5204.63	5169.68	5121.83	5165.38	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	56-2	26929.92	26594.15	26552.74	26692.27	0.77	ppb
Iron	57-2	28106.29	28035.83	27896.40	28012.84	0.38	ppb
Iron	54-2	27617.30	27472.05	27265.43	27451.60	0.64	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:52:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2456.23	2526.01	2526.17	2502.80	1.61	ppb
Lead	207-1	2453.87	2522.83	2534.75	2503.81	1.74	ppb
Lead	208-1	2465.99	2532.41	2521.11	2506.50	1.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	48908.63	48796.60	48256.53	48653.92	0.72	ppb
Manganese	55-2	5117.90	5111.95	5063.59	5097.81	0.58	ppb
Molybdenum	94-1	5028.41	4963.85	5022.24	5004.83	0.71	ppb
Molybdenum	95-1	5004.47	4992.86	5050.86	5016.07	0.61	ppb
Molybdenum	96-1	4982.71	4990.23	5035.99	5002.98	0.58	ppb
Molybdenum	97-1	5024.16	4971.76	5051.64	5015.85	0.81	ppb
Molybdenum	98-1	5013.07	4967.82	5022.56	5001.15	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.30	516.40	514.24	515.98	0.31	ppb
Phosphorus	31-2	10235.70	10185.87	10076.98	10166.18	0.80	ppb
Potassium	39-2	25642.99	25703.66	25350.79	25565.82	0.74	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	504.03	504.10	504.77	504.30	0.08	ppb
Selenium	77-2	512.93	494.19	522.57	509.90	2.83	ppb
Selenium	78-2	510.86	526.82	515.76	517.81	1.58	ppb
Silicon	28-1	506.16	508.58	509.14	507.96	0.31	ppb
Silver	107-1	514.27	510.16	521.92	515.45	1.16	ppb
Silver	109-1	506.34	501.73	513.11	507.06	1.13	ppb
Sodium	23-2	52048.92	50918.14	51228.95	51398.67	1.14	ppb
Strontium	86-1	12367.15	12497.68	12627.74	12497.52	1.04	ppb
Strontium	88-1	12359.77	12482.14	12653.74	12498.55	1.18	ppb
Sulfur	34-1	9825.91	9791.61	9640.85	9752.79	1.01	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	501.80	508.96	507.09	505.95	0.73	ppb
Thallium	205-1	483.70	506.91	502.39	497.67	2.47	ppb
Tin	118-1	509.03	497.99	515.36	507.46	1.73	ppb
Titanium	47-1	4995.48	5042.61	5072.17	5036.75	0.77	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:52:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.19	497.81	501.15	496.39	1.13	ppb
Vanadium	51-2	515.80	510.80	507.93	511.51	0.78	ppb
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	5110.03	5150.19	5154.58	5138.27	0.48	ppb
Zirconium	90-1	499.00	500.05	501.52	500.19	0.25	ppb
Zirconium	91-1	497.11	497.95	504.97	500.01	0.86	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:55:44	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19950.48	19871.21	19970.96	19930.88	0.26	ppb
Antimony	121-1	984.07	1012.16	1004.79	1000.34	1.46	ppb
Arsenic	75-2	1004.62	997.29	979.60	993.84	1.29	ppb
Barium	135-1	4920.45	5030.72	5028.76	4993.31	1.26	ppb
Barium	137-1	4949.65	5023.50	5003.37	4992.17	0.76	ppb
Beryllium	9-1	982.96	992.06	1001.69	992.24	0.94	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	991.25	1000.22	987.07	992.85	0.68	ppb
Cadmium	106-1	983.25	989.21	997.02	989.83	0.70	ppb
Cadmium	111-1	984.58	993.32	995.86	991.25	0.60	ppb
Calcium	43-1	109971.00	108933.85	109841.21	109582.02	0.52	ppb
Calcium	44-1	104735.41	104932.35	105903.07	105190.28	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	983.45	988.27	994.58	988.77	0.56	ppb
Cobalt	59-2	986.36	991.63	993.80	990.59	0.39	ppb
Copper	63-2	9888.42	9819.71	9908.50	9872.21	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	51656.35	51851.56	52203.31	51903.74	0.53	ppb
Iron	57-2	52617.33	52286.77	52662.27	52522.12	0.39	ppb
Iron	54-2	52318.00	52626.54	52916.64	52620.39	0.57	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:55:44	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5000.87	5013.32	4994.26	5002.81	0.19	ppb
Lead	207-1	4993.54	5051.56	4947.67	4997.59	1.04	ppb
Lead	208-1	4977.65	5029.98	4985.75	4997.79	0.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	93721.62	93559.12	95651.41	94310.72	1.23	ppb
Manganese	55-2	9813.09	9928.69	10044.21	9928.67	1.16	ppb
Molybdenum	94-1	9840.12	9988.74	10125.65	9984.84	1.43	ppb
Molybdenum	95-1	9850.36	10038.13	10056.79	9981.76	1.14	ppb
Molybdenum	96-1	9834.13	10023.64	10115.28	9991.02	1.44	ppb
Molybdenum	97-1	9876.72	9994.80	10071.66	9981.06	0.98	ppb
Molybdenum	98-1	9906.50	10065.87	10008.17	9993.52	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.22	983.74	991.31	987.42	0.38	ppb
Phosphorus	31-2	19870.33	19829.18	19903.50	19867.67	0.19	ppb
Potassium	39-2	49237.58	49618.32	50574.86	49810.25	1.38	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	986.05	999.59	998.40	994.68	0.75	ppb
Selenium	77-2	1003.61	1020.92	949.13	991.22	3.78	ppb
Selenium	78-2	1024.88	957.37	988.04	990.10	3.41	ppb
Silicon	28-1	992.95	984.63	996.20	991.26	0.60	ppb
Silver	107-1	979.10	992.51	986.42	986.01	0.68	ppb
Silver	109-1	987.24	990.20	995.59	991.01	0.43	ppb
Sodium	23-2	100058.87	100401.26	101378.87	100613.00	0.68	ppb
Strontium	86-1	24792.44	25084.62	25050.34	24975.80	0.64	ppb
Strontium	88-1	24770.17	25065.40	25104.66	24980.08	0.73	ppb
Sulfur	34-1	19984.03	19991.64	20213.16	20062.94	0.65	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	1006.96	1002.52	1003.56	1004.35	0.23	ppb
Thallium	205-1	1005.37	1006.28	996.12	1002.59	0.56	ppb
Tin	118-1	984.97	997.53	1006.52	996.34	1.09	ppb
Titanium	47-1	9918.58	9915.35	10061.69	9965.21	0.84	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:55:44	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	999.47	1010.49	1001.66	1003.88	0.58	ppb
Vanadium	51-2	986.69	987.67	1001.26	991.87	0.82	ppb
Yttrium	89-1				92		%
Yttrium	89-2				87		%
Zinc	66-2	9818.62	9903.30	9971.45	9897.79	0.77	ppb
Zirconium	90-1	986.46	1007.00	1003.93	999.13	1.11	ppb
Zirconium	91-1	986.29	1013.40	998.67	999.46	1.36	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:58:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97858.59	100940.37	101087.45	99962.14	1.82	ppb
Antimony	121-1	0.87	0.87	0.90	0.88	2.19	ppb
Arsenic	75-2	0.57	0.67	0.44	0.56	21.23	ppb
Barium	135-1	1.82	1.96	1.81	1.86	4.35	ppb
Barium	137-1	1.78	1.77	1.70	1.75	2.43	ppb
Beryllium	9-1	0.27	0.30	0.23	0.27	12.90	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.43	0.51	0.34	0.42	19.99	ppb
Cadmium	106-1	-0.61	0.41	-1.46	-0.55		ppb
Cadmium	111-1	0.15	0.18	0.07	0.13	40.05	ppb
Calcium	43-1	498584.58	492195.53	500485.48	497088.53	0.87	ppb
Calcium	44-1	504976.32	490293.05	500516.43	498595.27	1.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.58	3.63	3.55	3.59	1.19	ppb
Cobalt	59-2	2.59	2.61	2.62	2.60	0.61	ppb
Copper	63-2	1.68	1.78	1.78	1.75	3.01	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				95		%
Holmium	165-2				94		%
Indium	115-1				84		%
Indium	115-2				85		%
Iron	56-2	247769.10	249297.53	251087.42	249384.69	0.67	ppb
Iron	57-2	246585.47	248516.37	252148.08	249083.31	1.13	ppb
Iron	54-2	245937.01	249537.41	251858.75	249111.06	1.20	ppb
Krypton	83-1						cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:58:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.08	1.03	0.89	1.00	9.79	ppb
Lead	207-1	1.06	0.96	0.89	0.97	9.08	ppb
Lead	208-1	1.06	1.02	0.91	1.00	7.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	497057.03	499381.37	507469.17	501302.52	1.09	ppb
Manganese	55-2	5.44	5.60	5.58	5.54	1.53	ppb
Molybdenum	94-1	3.18	3.25	3.14	3.19	1.84	ppb
Molybdenum	95-1	2.43	2.39	2.40	2.41	0.91	ppb
Molybdenum	96-1	4.09	3.88	3.77	3.91	4.16	ppb
Molybdenum	97-1	2.44	2.41	2.36	2.40	1.62	ppb
Molybdenum	98-1	2.32	2.25	2.15	2.24	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.51	4.20	4.55	4.42	4.35	ppb
Phosphorus	31-2	-1.59	-7.65	-3.26	-4.17		ppb
Potassium	39-2	247073.74	250958.04	251836.42	249956.07	1.01	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				88		%
Scandium	45-2				91		%
Selenium	82-1	1.05	0.30	0.16	0.50	94.53	ppb
Selenium	77-2	0.47	0.47	0.00	0.31	86.60	ppb
Selenium	78-2	-1.49	0.18	-0.39	-0.57		ppb
Silicon	28-1	3.03	2.63	2.50	2.72	10.32	ppb
Silver	107-1	0.13	0.13	0.12	0.13	7.07	ppb
Silver	109-1	0.13	0.13	0.10	0.12	11.81	ppb
Sodium	23-2	493266.38	502554.08	503235.36	499685.27	1.11	ppb
Strontium	86-1	4.29	4.02	3.81	4.04	5.96	ppb
Strontium	88-1	4.09	4.16	3.87	4.04	3.71	ppb
Sulfur	34-1	-319.49	-638.31	-497.01	-484.93		ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.12	0.09	0.09	0.10	16.68	ppb
Thallium	205-1	0.12	0.12	0.09	0.11	12.79	ppb
Tin	118-1	0.86	0.92	0.94	0.91	4.59	ppb
Titanium	47-1	1.98	1.98	2.12	2.03	3.98	ppb

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:58:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.04	0.05	5.99	ppb
Vanadium	51-2	0.34	0.29	0.33	0.32	7.18	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	3.11	3.48	3.24	3.28	5.82	ppb
Zirconium	90-1	0.70	0.63	0.59	0.64	8.47	ppb
Zirconium	91-1	0.69	0.64	0.61	0.65	5.99	ppb

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICV015	Instrumnet Name :	P7
Client Sample ID :	ICV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:14:37	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	511.91	521.69	507.98	513.86	1.37	ppb
Antimony	121-1	199.43	199.43	195.78	198.21	1.06	ppb
Arsenic	75-2	206.43	207.93	203.37	205.91	1.13	ppb
Barium	135-1	94.04	97.88	96.26	96.06	2.01	ppb
Barium	137-1	94.47	95.82	95.10	95.13	0.71	ppb
Beryllium	9-1	107.35	105.51	104.07	105.64	1.56	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.91	99.02	94.26	96.06	2.69	ppb
Cadmium	106-1	90.35	91.95	88.73	90.34	1.78	ppb
Cadmium	111-1	107.96	109.00	105.36	107.44	1.75	ppb
Calcium	43-1	2031.37	1993.10	2033.11	2019.19	1.12	ppb
Calcium	44-1	2115.57	2047.37	2055.86	2072.93	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.64	105.52	103.23	104.13	1.17	ppb
Cobalt	59-2	104.43	105.58	104.13	104.71	0.73	ppb
Copper	63-2	98.10	99.30	97.47	98.29	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	2073.69	2108.61	2094.01	2092.10	0.84	ppb
Iron	57-2	2159.58	2182.58	2141.03	2161.06	0.96	ppb
Iron	54-2	2252.55	2301.97	2239.36	2264.63	1.46	ppb
Krypton	83-1						cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICV015	Instrumnet Name :	P7
Client Sample ID :	ICV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:14:37	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	178.46	177.72	174.28	176.82	1.26	ppb
Lead	207-1	166.75	175.67	172.85	171.76	2.66	ppb
Lead	208-1	182.71	185.41	185.82	184.64	0.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	1183.80	1182.61	1174.91	1180.44	0.41	ppb
Manganese	55-2	101.74	104.47	101.73	102.65	1.54	ppb
Molybdenum	94-1	0.25	0.25	0.31	0.27	12.86	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.02	25.12	ppb
Molybdenum	96-1	0.07	0.08	0.07	0.08	11.28	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	17.48	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	10.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.97	110.34	106.94	108.08	1.81	ppb
Phosphorus	31-2	-13.07	-20.32	-18.77	-17.39		ppb
Potassium	39-2	2123.62	2134.42	2088.49	2115.51	1.14	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	206.52	215.09	209.95	210.52	2.05	ppb
Selenium	77-2	195.67	226.68	198.16	206.83	8.33	ppb
Selenium	78-2	207.33	211.72	216.08	211.71	2.07	ppb
Silicon	28-1	0.16	0.00	0.15	0.10	85.26	ppb
Silver	107-1	52.49	53.12	51.72	52.44	1.34	ppb
Silver	109-1	50.88	51.87	51.27	51.34	0.97	ppb
Sodium	23-2	2081.79	2083.12	2058.19	2074.37	0.68	ppb
Strontium	86-1	0.26	0.24	0.24	0.25	5.48	ppb
Strontium	88-1	0.25	0.26	0.25	0.25	1.13	ppb
Sulfur	34-1	196.76	-218.44	-315.72	-112.47		ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	173.66	179.09	178.49	177.08	1.68	ppb
Thallium	205-1	192.65	194.68	193.09	193.47	0.55	ppb
Tin	118-1	0.01	0.02	0.04	0.03	46.06	ppb
Titanium	47-1	0.08	0.11	0.09	0.09	17.89	ppb

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICV015	Instrumnet Name :	P7
Client Sample ID :	ICV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:14:37	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	415.84	ppb
Vanadium	51-2	100.32	101.08	99.18	100.20	0.95	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	198.45	204.99	197.92	200.45	1.96	ppb
Zirconium	90-1	0.12	0.12	0.13	0.12	3.31	ppb
Zirconium	91-1	0.17	0.15	0.18	0.16	8.53	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICB015	Instrumnet Name :	P7
Client Sample ID :	ICB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:17:55	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	-0.13	0.24	0.17	158.81	ppb
Antimony	121-1	0.13	0.13	0.17	0.14	14.81	ppb
Arsenic	75-2	0.03	-0.01	0.02	0.01	136.37	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	22.75	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	-0.05	-0.02	0.00	3839.75	ppb
Cadmium	106-1	0.45	-0.72	-0.92	-0.39		ppb
Cadmium	111-1	0.03	-0.05	-0.07	-0.03		ppb
Calcium	43-1	0.71	0.20	-0.83	0.03	2986.12	ppb
Calcium	44-1	0.04	-0.02	0.42	0.15	165.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	399.32	ppb
Copper	63-2	0.02	0.01	0.07	0.03	95.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	0.20	0.11	0.05	0.12	64.82	ppb
Iron	57-2	-1.31	-3.15	-0.89	-1.78		ppb
Iron	54-2	-0.32	0.09	0.32	0.03	1097.84	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICB015	Instrumnet Name :	P7
Client Sample ID :	ICB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:17:55	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.04	0.02	0.03	27.26	ppb
Lead	207-1	0.02	0.03	0.01	0.02	56.31	ppb
Lead	208-1	0.03	0.03	0.02	0.03	21.89	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.09	1.20	1.80	1.37	28.00	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.04	0.04	0.02	0.03	31.49	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	25.81	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.02	20.57	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	106.54	ppb
Molybdenum	98-1	0.00	0.01	0.02	0.01	67.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.00	0.01	66.30	ppb
Phosphorus	31-2	-16.72	-15.67	-9.35	-13.92		ppb
Potassium	39-2	6.42	2.99	6.42	5.28	37.57	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.11	-0.77	-0.04	-0.31		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.52	-0.89	-1.72	-1.04		ppb
Silicon	28-1	-0.35	-0.31	-0.45	-0.37		ppb
Silver	107-1	0.03	0.02	0.02	0.02	27.90	ppb
Silver	109-1	0.03	0.02	0.03	0.03	19.35	ppb
Sodium	23-2	12.48	11.83	12.24	12.18	2.72	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	70.62	ppb
Sulfur	34-1	-262.88	-269.93	-283.80	-272.20		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.21	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.24	ppb
Tin	118-1	-0.02	0.01	0.02	0.00	930.02	ppb
Titanium	47-1	0.04	0.02	0.02	0.03	52.65	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICB015	Instrumnet Name :	P7
Client Sample ID :	ICB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:17:55	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	39.13	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	0.05	0.00	0.08	0.04	93.53	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.59	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	24.79	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSA015	Instrumnet Name :	P7
Client Sample ID :	ICSA015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:21:19	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93902.23	89251.66	94289.73	92481.20	3.03	ppb
Antimony	121-1	1.17	1.16	1.15	1.16	0.87	ppb
Arsenic	75-2	0.34	0.38	0.33	0.35	7.81	ppb
Barium	135-1	1.34	1.40	1.44	1.39	3.60	ppb
Barium	137-1	1.42	1.40	1.35	1.39	2.67	ppb
Beryllium	9-1	0.41	0.34	0.32	0.35	13.10	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.21	7.60	7.02	7.61	7.76	ppb
Cadmium	106-1	-1.87	-1.16	-1.61	-1.54		ppb
Cadmium	111-1	0.18	0.33	0.25	0.25	31.41	ppb
Calcium	43-1	101472.12	100781.27	100459.41	100904.27	0.51	ppb
Calcium	44-1	101471.19	101181.64	100734.97	101129.27	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.66	19.90	21.19	20.58	3.14	ppb
Cobalt	59-2	1.25	1.18	1.33	1.25	5.88	ppb
Copper	63-2	7.60	7.51	7.62	7.58	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				101		%
Holmium	165-2				103		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	106188.92	101932.11	106608.59	104909.87	2.47	ppb
Iron	57-2	106129.65	100288.81	105783.16	104067.21	3.15	ppb
Iron	54-2	106105.91	101175.76	106837.97	104706.55	2.94	ppb
Krypton	83-1						cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSA015	Instrumnet Name :	P7
Client Sample ID :	ICSA015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:21:19	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.30	4.39	4.27	4.32	1.45	ppb
Lead	207-1	3.96	3.97	3.94	3.96	0.37	ppb
Lead	208-1	4.09	4.06	4.03	4.06	0.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	95359.32	90802.50	96257.76	94139.86	3.11	ppb
Manganese	55-2	8.30	7.96	8.21	8.16	2.18	ppb
Molybdenum	94-1	1563.91	1644.90	1556.88	1588.56	3.08	ppb
Molybdenum	95-1	1905.29	1986.33	1866.68	1919.43	3.18	ppb
Molybdenum	96-1	1859.32	1921.91	1853.62	1878.28	2.02	ppb
Molybdenum	97-1	1895.97	1965.25	1911.11	1924.11	1.89	ppb
Molybdenum	98-1	1922.01	1955.80	1891.01	1922.94	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.72	5.19	5.76	5.56	5.68	ppb
Phosphorus	31-2	101395.83	97297.44	101246.43	99979.90	2.32	ppb
Potassium	39-2	100983.36	96896.56	100881.57	99587.16	2.34	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	82-1	-0.16	0.82	0.01	0.22	234.19	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.77	-1.98	-1.22	-1.32		ppb
Silicon	28-1	3.64	3.36	3.50	3.50	4.01	ppb
Silver	107-1	0.08	0.08	0.08	0.08	5.58	ppb
Silver	109-1	0.10	0.08	0.07	0.09	17.21	ppb
Sodium	23-2	101706.43	97744.78	101880.41	100443.88	2.33	ppb
Strontium	86-1	34.18	35.37	34.14	34.56	2.03	ppb
Strontium	88-1	34.36	36.00	34.26	34.88	2.80	ppb
Sulfur	34-1	104011.52	101646.64	104519.74	103392.63	1.48	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.17	0.19	0.16	23.84	ppb
Thallium	205-1	0.12	0.16	0.19	0.16	21.37	ppb
Tin	118-1	0.12	0.12	0.11	0.12	4.08	ppb
Titanium	47-1	2002.50	2026.83	1986.64	2005.32	1.01	ppb

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSA015	Instrumnet Name :	P7
Client Sample ID :	ICSA015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:21:19	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.02	0.02	7.08	ppb
Vanadium	51-2	0.20	0.18	0.18	0.19	5.34	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	11.34	11.15	11.22	11.23	0.85	ppb
Zirconium	90-1	0.04	0.05	0.04	0.05	6.65	ppb
Zirconium	91-1	0.05	0.04	0.06	0.05	16.80	ppb

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSAB015	Instrumnet Name :	P7
Client Sample ID :	ICSAB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:24:25	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93926.47	92713.49	95190.78	93943.58	1.32	ppb
Antimony	121-1	20.67	20.00	21.35	20.67	3.27	ppb
Arsenic	75-2	20.08	21.95	21.35	21.13	4.52	ppb
Barium	135-1	20.38	19.79	20.76	20.31	2.41	ppb
Barium	137-1	20.08	19.88	20.88	20.28	2.61	ppb
Beryllium	9-1	20.82	22.06	21.30	21.39	2.91	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.67	23.53	24.40	24.54	4.38	ppb
Cadmium	106-1	14.40	15.81	15.89	15.36	5.44	ppb
Cadmium	111-1	20.40	19.48	20.97	20.28	3.72	ppb
Calcium	43-1	97294.89	97879.52	98756.09	97976.83	0.75	ppb
Calcium	44-1	98709.30	98640.05	101073.70	99474.35	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.48	41.41	42.22	41.71	1.07	ppb
Cobalt	59-2	21.59	21.38	21.61	21.53	0.57	ppb
Copper	63-2	26.52	26.72	26.78	26.67	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	107451.41	105041.71	107121.31	106538.14	1.23	ppb
Iron	57-2	105927.43	105990.58	106283.93	106067.31	0.18	ppb
Iron	54-2	106182.57	105514.32	106895.93	106197.61	0.65	ppb
Krypton	83-1						cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSAB015	Instrumnet Name :	P7
Client Sample ID :	ICSAB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:24:25	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.76	23.28	23.16	23.07	1.17	ppb
Lead	207-1	21.36	22.73	21.92	22.01	3.14	ppb
Lead	208-1	21.80	22.68	22.28	22.25	1.98	ppb
Lithium	6-1				98		%
Magnesium	24-2	95165.04	94589.32	96583.65	95446.00	1.08	ppb
Manganese	55-2	28.54	28.99	29.02	28.85	0.93	ppb
Molybdenum	94-1	1592.67	1527.53	1579.76	1566.65	2.20	ppb
Molybdenum	95-1	1916.66	1883.07	1916.33	1905.35	1.01	ppb
Molybdenum	96-1	1866.02	1840.77	1870.44	1859.07	0.86	ppb
Molybdenum	97-1	1918.14	1878.94	1907.05	1901.38	1.06	ppb
Molybdenum	98-1	1886.07	1887.52	1866.33	1879.97	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.70	26.64	26.37	26.24	1.84	ppb
Phosphorus	31-2	101110.19	100985.69	102754.79	101616.89	0.97	ppb
Potassium	39-2	100923.63	100431.15	102111.51	101155.43	0.85	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	20.60	19.72	19.03	19.79	3.97	ppb
Selenium	77-2	15.21	23.68	22.88	20.59	22.71	ppb
Selenium	78-2	22.05	20.16	18.14	20.12	9.73	ppb
Silicon	28-1	3.59	3.53	3.82	3.65	4.22	ppb
Silver	107-1	18.91	18.39	19.81	19.03	3.77	ppb
Silver	109-1	18.67	18.48	19.02	18.72	1.47	ppb
Sodium	23-2	101294.61	101527.21	102665.67	101829.16	0.72	ppb
Strontium	86-1	34.44	33.90	35.05	34.46	1.68	ppb
Strontium	88-1	34.77	33.94	34.82	34.51	1.44	ppb
Sulfur	34-1	99667.84	101466.73	99972.20	100368.92	0.96	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	19.07	19.89	19.01	19.32	2.53	ppb
Thallium	205-1	18.28	19.08	19.07	18.81	2.44	ppb
Tin	118-1	0.14	0.11	0.14	0.13	12.92	ppb
Titanium	47-1	1943.65	1929.15	1997.43	1956.74	1.84	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSAB015	Instrumnet Name :	P7
Client Sample ID :	ICSAB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:24:25	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.01	18.74	ppb
Vanadium	51-2	20.32	20.69	20.58	20.53	0.91	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	31.38	31.62	31.96	31.65	0.92	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	26.36	ppb
Zirconium	91-1	0.04	-0.01	0.03	0.02	117.83	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:43:28	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49647.73	49098.73	48868.25	49204.90	0.81	ppb
Antimony	121-1	499.64	497.69	513.85	503.73	1.75	ppb
Arsenic	75-2	499.91	494.91	494.04	496.29	0.64	ppb
Barium	135-1	2491.47	2485.41	2502.46	2493.11	0.35	ppb
Barium	137-1	2479.81	2473.06	2456.39	2469.75	0.49	ppb
Beryllium	9-1	518.44	521.22	528.43	522.70	0.99	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	500.61	489.71	503.50	497.94	1.46	ppb
Cadmium	106-1	503.19	499.08	496.80	499.69	0.65	ppb
Cadmium	111-1	492.65	492.37	493.22	492.75	0.09	ppb
Calcium	43-1	248723.39	256054.51	254407.31	253061.74	1.52	ppb
Calcium	44-1	248772.84	254363.28	255803.53	252979.89	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.52	516.03	510.15	514.24	0.69	ppb
Cobalt	59-2	497.12	489.02	491.43	492.52	0.84	ppb
Copper	63-2	4575.74	4587.45	4465.86	4543.02	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	131028.48	130226.68	128701.17	129985.44	0.91	ppb
Iron	57-2	130735.63	129050.79	127490.49	129092.30	1.26	ppb
Iron	54-2	131458.14	131480.77	128477.38	130472.10	1.32	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:43:28	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2536.49	2546.48	2565.84	2549.60	0.59	ppb
Lead	207-1	2524.84	2571.64	2581.37	2559.28	1.18	ppb
Lead	208-1	2542.21	2552.59	2580.27	2558.36	0.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	257233.38	258371.01	253111.66	256238.68	1.08	ppb
Manganese	55-2	5009.83	4983.14	4884.72	4959.23	1.33	ppb
Molybdenum	94-1	5250.75	5282.04	5334.39	5289.06	0.80	ppb
Molybdenum	95-1	5216.63	5301.28	5334.61	5284.17	1.15	ppb
Molybdenum	96-1	5222.61	5304.33	5370.38	5299.11	1.40	ppb
Molybdenum	97-1	5217.64	5339.87	5341.19	5299.57	1.34	ppb
Molybdenum	98-1	5209.55	5317.02	5355.86	5294.14	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.27	492.99	486.10	490.79	0.83	ppb
Phosphorus	31-2	10363.63	10179.69	10207.38	10250.23	0.97	ppb
Potassium	39-2	127174.53	126751.35	126264.33	126730.07	0.36	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	483.12	484.76	493.64	487.17	1.16	ppb
Selenium	77-2	506.33	496.01	465.79	489.38	4.31	ppb
Selenium	78-2	495.42	482.73	482.55	486.90	1.52	ppb
Silicon	28-1	846.26	867.60	882.44	865.44	2.10	ppb
Silver	107-1	498.23	493.14	501.86	497.75	0.88	ppb
Silver	109-1	501.10	499.09	496.12	498.77	0.50	ppb
Sodium	23-2	255923.88	257167.71	251830.56	254974.05	1.10	ppb
Strontium	86-1	12133.91	12405.76	12484.95	12341.54	1.49	ppb
Strontium	88-1	12205.00	12412.74	12542.62	12386.79	1.37	ppb
Sulfur	34-1	9715.40	9878.76	10151.67	9915.28	2.22	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	522.85	526.24	516.04	521.71	0.99	ppb
Thallium	205-1	506.97	509.65	516.72	511.12	0.99	ppb
Tin	118-1	499.74	499.10	507.16	502.00	0.89	ppb
Titanium	47-1	5176.49	5332.38	5378.00	5295.62	2.00	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:43:28	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	515.12	516.67	522.37	518.05	0.74	ppb
Vanadium	51-2	513.77	511.15	504.62	509.85	0.92	ppb
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	4841.06	4740.42	4693.11	4758.20	1.59	ppb
Zirconium	90-1	517.69	523.29	521.65	520.88	0.55	ppb
Zirconium	91-1	509.06	518.45	524.83	517.45	1.53	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:46:19	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	1.81	1.11	1.42	25.24	ppb
Antimony	121-1	0.38	0.40	0.42	0.40	5.04	ppb
Arsenic	75-2	-0.01	0.07	0.00	0.02	187.16	ppb
Barium	135-1	0.04	0.03	0.03	0.03	12.99	ppb
Barium	137-1	0.05	0.03	0.04	0.04	23.83	ppb
Beryllium	9-1	0.15	0.17	0.17	0.16	6.22	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.20	0.14	0.08	0.14	45.95	ppb
Cadmium	106-1	-1.61	-0.16	-1.05	-0.94		ppb
Cadmium	111-1	-0.09	0.01	-0.06	-0.05		ppb
Calcium	43-1	8.54	7.89	5.46	7.30	22.22	ppb
Calcium	44-1	8.41	7.38	7.25	7.68	8.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.03	0.04	0.03	35.20	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	61.49	ppb
Copper	63-2	0.26	0.31	0.25	0.27	12.60	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				94		%
Indium	115-2				93		%
Iron	56-2	4.49	5.43	4.48	4.80	11.42	ppb
Iron	57-2	3.93	3.27	1.91	3.04	33.99	ppb
Iron	54-2	2.53	5.59	4.59	4.24	36.77	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:46:19	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.19	0.18	0.20	10.87	ppb
Lead	207-1	0.23	0.18	0.15	0.18	20.66	ppb
Lead	208-1	0.22	0.19	0.16	0.19	14.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	7.76	8.25	7.45	7.82	5.19	ppb
Manganese	55-2	0.10	0.19	0.13	0.14	30.14	ppb
Molybdenum	94-1	0.55	0.45	0.47	0.49	10.31	ppb
Molybdenum	95-1	0.33	0.31	0.32	0.32	3.52	ppb
Molybdenum	96-1	0.36	0.32	0.34	0.34	6.22	ppb
Molybdenum	97-1	0.31	0.35	0.33	0.33	6.46	ppb
Molybdenum	98-1	0.32	0.30	0.30	0.31	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.03	0.06	0.04	38.09	ppb
Phosphorus	31-2	-19.73	-8.48	-13.93	-14.04		ppb
Potassium	39-2	19.53	31.14	6.79	19.16	63.59	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-0.21	-0.29	0.07	-0.14		ppb
Selenium	77-2	0.00	0.49	0.00	0.16	173.21	ppb
Selenium	78-2	-1.60	0.04	-1.07	-0.88		ppb
Silicon	28-1	0.60	0.27	0.28	0.38	48.39	ppb
Silver	107-1	0.08	0.06	0.05	0.07	21.08	ppb
Silver	109-1	0.06	0.05	0.03	0.05	29.35	ppb
Sodium	23-2	57.25	64.58	51.00	57.61	11.80	ppb
Strontium	86-1	0.31	0.23	0.22	0.25	19.21	ppb
Strontium	88-1	0.29	0.24	0.23	0.25	12.15	ppb
Sulfur	34-1	-585.08	-540.52	-627.88	-584.49		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.04	0.04	0.05	14.92	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	18.05	ppb
Tin	118-1	0.09	0.12	0.14	0.12	25.23	ppb
Titanium	47-1	0.23	0.22	0.17	0.21	14.41	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:46:19	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	5.40	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	42.55	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	0.32	0.36	0.28	0.32	11.53	ppb
Zirconium	90-1	0.17	0.12	0.10	0.13	27.82	ppb
Zirconium	91-1	0.15	0.13	0.12	0.13	10.54	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BL	Instrumnet Name :	P7
Client Sample ID :	PBS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:02:10	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.34	0.19	0.23	37.87	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	28.93	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.05	0.02	0.04	0.04	34.62	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.05	0.07	-0.01		ppb
Cadmium	106-1	0.86	0.36	-0.37	0.28	216.90	ppb
Cadmium	111-1	0.07	0.03	-0.03	0.02	226.89	ppb
Calcium	43-1	-0.99	-0.34	2.35	0.34	521.24	ppb
Calcium	44-1	-1.00	-0.85	-0.07	-0.64		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	249.17	ppb
Copper	63-2	0.01	0.10	0.05	0.05	86.66	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				99		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	0.10	0.03	0.16	0.10	66.38	ppb
Iron	57-2	-2.39	0.24	-0.87	-1.01		ppb
Iron	54-2	0.28	0.07	0.00	0.12	125.92	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BL	Instrumnet Name :	P7
Client Sample ID :	PBS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:02:10	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.00	0.01	128.63	ppb
Lead	207-1	0.02	0.00	-0.01	0.01	222.47	ppb
Lead	208-1	0.01	0.00	0.00	0.00	220.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.83	1.46	1.90	1.73	13.82	ppb
Manganese	55-2	-0.04	-0.05	-0.03	-0.04		ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	323.96	ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	38.59	ppb
Molybdenum	96-1	0.00	0.01	0.02	0.01	130.27	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	68.09	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	18.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-16.96	-15.98	-12.30	-15.08		ppb
Potassium	39-2	7.27	7.44	6.04	6.92	11.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.06	-0.15	0.21	0.04	475.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.28	-0.45	-0.95	-0.89		ppb
Silicon	28-1	-0.48	-0.63	-0.42	-0.51		ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.48	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.03	ppb
Sodium	23-2	13.22	13.13	13.48	13.28	1.39	ppb
Strontium	86-1	0.01	-0.02	0.01	0.00	7901.45	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	29.88	ppb
Sulfur	34-1	-250.88	-340.16	-281.59	-290.88		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.01	0.01	14.12	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	58.12	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.01	0.01	0.05	0.02	92.51	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BL	Instrumnet Name :	P7
Client Sample ID :	PBS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:02:10	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	-0.06	0.10	-0.02	0.01	1260.89	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	832.09	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BS	Instrumnet Name :	P7
Client Sample ID :	LCS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:05:32	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.53	43.53	41.89	43.65	4.17	ppb
Antimony	121-1	4.33	4.32	4.38	4.34	0.69	ppb
Arsenic	75-2	1.80	1.98	1.92	1.90	4.73	ppb
Barium	135-1	20.17	20.27	20.35	20.26	0.47	ppb
Barium	137-1	20.33	20.18	20.36	20.29	0.48	ppb
Beryllium	9-1	2.37	2.30	2.21	2.29	3.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	1.32	1.60	1.53	12.07	ppb
Cadmium	106-1	1.92	1.75	3.58	2.42	41.88	ppb
Cadmium	111-1	1.50	1.36	1.70	1.52	11.21	ppb
Calcium	43-1	1069.15	1073.41	1047.82	1063.46	1.29	ppb
Calcium	44-1	1072.80	1085.91	1089.58	1082.76	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.72	4.74	4.52	4.66	2.59	ppb
Cobalt	59-2	2.26	2.19	2.31	2.25	2.50	ppb
Copper	63-2	4.49	4.52	4.62	4.54	1.55	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				100		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	487.81	491.00	484.67	487.82	0.65	ppb
Iron	57-2	484.84	486.29	480.32	483.82	0.64	ppb
Iron	54-2	483.92	486.46	489.46	486.61	0.57	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BS	Instrumnet Name :	P7
Client Sample ID :	LCS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:05:32	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.90	1.85	1.89	1.88	1.51	ppb
Lead	207-1	1.90	1.99	1.88	1.92	3.12	ppb
Lead	208-1	1.92	1.90	1.88	1.90	1.04	ppb
Lithium	6-1				102		%
Magnesium	24-2	1140.93	1155.04	1141.66	1145.88	0.69	ppb
Manganese	55-2	2.15	2.22	2.28	2.22	2.79	ppb
Molybdenum	94-1	12.29	12.12	12.36	12.26	1.04	ppb
Molybdenum	95-1	10.04	10.08	10.03	10.05	0.30	ppb
Molybdenum	96-1	10.49	10.38	10.64	10.51	1.26	ppb
Molybdenum	97-1	10.17	9.97	10.23	10.12	1.33	ppb
Molybdenum	98-1	10.23	10.18	10.13	10.18	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.51	2.31	2.34	2.39	4.49	ppb
Phosphorus	31-2	-13.66	-16.87	-16.48	-15.67		ppb
Potassium	39-2	1168.19	1164.99	1161.45	1164.88	0.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	10.33	11.81	11.05	11.06	6.71	ppb
Selenium	77-2	11.21	7.70	13.91	10.94	28.49	ppb
Selenium	78-2	12.76	8.44	8.12	9.77	26.51	ppb
Silicon	28-1	3.17	3.37	3.44	3.32	4.26	ppb
Silver	107-1	2.22	2.14	2.25	2.21	2.59	ppb
Silver	109-1	2.16	2.17	2.28	2.20	3.02	ppb
Sodium	23-2	1141.90	1146.06	1140.53	1142.83	0.25	ppb
Strontium	86-1	2.06	2.05	2.01	2.04	1.28	ppb
Strontium	88-1	2.11	2.14	2.11	2.12	0.88	ppb
Sulfur	34-1	-50.34	-78.23	-85.38	-71.32		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	1.90	1.86	1.85	1.87	1.17	ppb
Thallium	205-1	1.81	1.88	1.85	1.84	1.92	ppb
Tin	118-1	0.01	0.03	0.03	0.02	59.44	ppb
Titanium	47-1	10.02	10.23	10.64	10.29	3.07	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BS	Instrumnet Name :	P7
Client Sample ID :	LCS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:05:32	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.72	1.77	1.74	1.74	1.65	ppb
Vanadium	51-2	10.77	11.03	11.03	10.94	1.37	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	11.31	11.58	11.54	11.47	1.27	ppb
Zirconium	90-1	2.15	2.16	2.15	2.15	0.34	ppb
Zirconium	91-1	2.14	2.15	2.17	2.15	0.77	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:08:53	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.11	22.20	21.15	21.82	2.66	ppb
Antimony	121-1	2.21	2.20	2.33	2.25	3.27	ppb
Arsenic	75-2	0.91	1.42	0.91	1.08	27.10	ppb
Barium	135-1	10.40	10.40	10.72	10.51	1.77	ppb
Barium	137-1	10.50	10.19	10.61	10.44	2.09	ppb
Beryllium	9-1	1.17	1.26	1.24	1.23	3.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.48	0.20	0.33	43.26	ppb
Cadmium	106-1	-0.10	1.05	-0.38	0.19	398.89	ppb
Cadmium	111-1	0.25	0.29	0.20	0.25	19.47	ppb
Calcium	43-1	531.07	573.11	581.37	561.85	4.80	ppb
Calcium	44-1	559.42	573.92	569.67	567.67	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.38	2.29	2.11	2.26	6.14	ppb
Cobalt	59-2	1.18	1.11	1.02	1.11	7.29	ppb
Copper	63-2	2.44	2.35	2.31	2.37	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				101		%
Iron	56-2	253.49	246.17	229.04	242.90	5.17	ppb
Iron	57-2	260.55	249.21	225.33	245.03	7.34	ppb
Iron	54-2	248.63	248.74	231.80	243.06	4.01	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:08:53	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.96	0.99	1.00	0.98	2.08	ppb
Lead	207-1	1.01	1.04	0.92	0.99	6.38	ppb
Lead	208-1	0.98	1.00	0.99	0.99	1.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	598.44	582.90	535.25	572.20	5.75	ppb
Manganese	55-2	1.20	1.05	1.01	1.09	9.29	ppb
Molybdenum	94-1	6.39	6.36	6.20	6.32	1.58	ppb
Molybdenum	95-1	5.37	5.35	5.26	5.33	1.09	ppb
Molybdenum	96-1	5.50	5.58	5.58	5.56	0.81	ppb
Molybdenum	97-1	5.34	5.48	5.24	5.35	2.31	ppb
Molybdenum	98-1	5.28	5.39	5.52	5.39	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.04	1.22	1.14	7.79	ppb
Phosphorus	31-2	-17.02	-14.80	-19.46	-17.09		ppb
Potassium	39-2	615.77	596.75	549.61	587.38	5.80	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	5.28	5.46	5.82	5.52	5.03	ppb
Selenium	77-2	5.05	5.50	5.89	5.48	7.66	ppb
Selenium	78-2	2.87	4.78	6.63	4.76	39.51	ppb
Silicon	28-1	1.47	1.74	1.61	1.61	8.25	ppb
Silver	107-1	1.13	1.17	1.19	1.16	2.46	ppb
Silver	109-1	1.13	1.13	1.17	1.14	2.09	ppb
Sodium	23-2	603.46	584.03	543.92	577.14	5.26	ppb
Strontium	86-1	1.18	1.04	1.13	1.12	6.23	ppb
Strontium	88-1	1.10	1.13	1.13	1.12	1.65	ppb
Sulfur	34-1	-154.97	-115.13	-170.99	-147.03		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.96	0.98	0.96	0.97	1.16	ppb
Thallium	205-1	0.97	0.96	0.93	0.96	2.13	ppb
Tin	118-1	0.01	0.02	0.01	0.01	66.20	ppb
Titanium	47-1	5.78	5.55	5.57	5.63	2.30	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:08:53	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.92	0.92	0.91	1.27	ppb
Vanadium	51-2	5.55	5.56	5.29	5.47	2.84	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	6.33	5.92	5.44	5.90	7.55	ppb
Zirconium	90-1	1.14	1.10	1.14	1.13	1.95	ppb
Zirconium	91-1	1.18	1.17	1.16	1.17	0.88	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:12:15	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9748.28	9773.76	10006.04	9842.69	1.44	ppb
Antimony	121-1	0.44	0.43	0.39	0.42	6.17	ppb
Arsenic	75-2	17.33	17.71	17.43	17.49	1.15	ppb
Barium	135-1	71.78	70.07	71.23	71.03	1.23	ppb
Barium	137-1	71.33	70.96	70.49	70.93	0.59	ppb
Beryllium	9-1	0.37	0.34	0.38	0.37	5.67	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.26	0.44	0.28	0.33	28.84	ppb
Cadmium	106-1	1.10	0.98	0.10	0.73	74.92	ppb
Cadmium	111-1	0.24	0.25	0.17	0.22	19.92	ppb
Calcium	43-1	3688.59	3806.76	3794.01	3763.12	1.72	ppb
Calcium	44-1	3788.54	3914.27	3924.91	3875.91	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.21	12.67	12.51	12.46	1.87	ppb
Cobalt	59-2	8.98	9.30	9.23	9.17	1.87	ppb
Copper	63-2	24.02	24.81	24.61	24.48	1.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	24392.82	24721.73	24463.54	24526.03	0.71	ppb
Iron	57-2	25116.18	25622.04	25290.89	25343.03	1.01	ppb
Iron	54-2	24343.54	24973.76	24537.98	24618.43	1.31	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:12:15	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.27	10.21	10.11	10.20	0.77	ppb
Lead	207-1	10.25	10.45	10.02	10.24	2.08	ppb
Lead	208-1	10.27	10.24	10.06	10.19	1.09	ppb
Lithium	6-1				98		%
Magnesium	24-2	3960.58	4021.76	3972.25	3984.86	0.82	ppb
Manganese	55-2	426.28	432.61	427.04	428.64	0.81	ppb
Molybdenum	94-1	4.14	3.95	4.06	4.05	2.30	ppb
Molybdenum	95-1	0.25	0.28	0.31	0.28	10.97	ppb
Molybdenum	96-1	0.82	0.81	0.83	0.82	1.45	ppb
Molybdenum	97-1	0.24	0.27	0.28	0.26	8.62	ppb
Molybdenum	98-1	0.26	0.28	0.28	0.27	4.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.07	11.14	11.08	11.09	0.33	ppb
Phosphorus	31-2	685.27	682.68	692.88	686.94	0.77	ppb
Potassium	39-2	2336.45	2362.78	2352.05	2350.43	0.56	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.19	-0.30	0.76	0.09	643.23	ppb
Selenium	77-2	3.63	2.47	3.68	3.26	20.97	ppb
Selenium	78-2	0.37	1.11	0.34	0.60	71.89	ppb
Silicon	28-1	139.60	144.14	147.42	143.72	2.73	ppb
Silver	107-1	0.07	0.06	0.07	0.07	9.45	ppb
Silver	109-1	0.07	0.06	0.07	0.07	5.05	ppb
Sodium	23-2	55.88	57.26	55.82	56.32	1.45	ppb
Strontium	86-1	16.81	17.18	16.66	16.88	1.61	ppb
Strontium	88-1	16.93	17.51	16.75	17.06	2.34	ppb
Sulfur	34-1	-643.10	-517.45	-728.75	-629.77		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.08	0.07	0.07	10.06	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	2.78	ppb
Tin	118-1	0.56	0.57	0.59	0.57	2.38	ppb
Titanium	47-1	350.40	363.99	364.54	359.64	2.23	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:12:15	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.23	0.23	1.68	ppb
Vanadium	51-2	43.63	44.55	43.66	43.95	1.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	55.06	56.67	57.34	56.36	2.08	ppb
Zirconium	90-1	2.10	2.10	2.07	2.09	0.90	ppb
Zirconium	91-1	2.13	2.10	2.04	2.09	2.11	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:15:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10466.41	10298.20	8773.56	9846.06	9.47	ppb
Antimony	121-1	0.51	0.52	0.48	0.50	3.75	ppb
Arsenic	75-2	17.76	19.23	15.79	17.59	9.82	ppb
Barium	135-1	71.94	72.64	72.02	72.20	0.54	ppb
Barium	137-1	70.88	71.15	71.22	71.08	0.25	ppb
Beryllium	9-1	0.41	0.44	0.41	0.42	4.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.31	0.40	0.29	0.33	18.44	ppb
Cadmium	106-1	0.71	-0.58	0.87	0.33	239.34	ppb
Cadmium	111-1	0.18	0.12	0.21	0.17	29.39	ppb
Calcium	43-1	3929.52	3834.38	3852.97	3872.29	1.30	ppb
Calcium	44-1	4017.09	3998.68	4023.77	4013.18	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.98	12.63	10.79	12.13	9.66	ppb
Cobalt	59-2	9.35	9.47	8.05	8.96	8.77	ppb
Copper	63-2	25.66	25.64	22.09	24.46	8.39	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				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	25866.13	25822.41	22231.96	24640.17	8.46	ppb
Iron	57-2	26535.29	26751.03	22921.28	25402.53	8.47	ppb
Iron	54-2	25966.74	25916.11	22498.66	24793.83	8.02	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:15:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.77	10.73	10.84	10.78	0.56	ppb
Lead	207-1	10.72	10.61	10.61	10.65	0.58	ppb
Lead	208-1	10.58	10.51	10.54	10.54	0.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	4200.82	4237.82	3625.98	4021.54	8.53	ppb
Manganese	55-2	439.71	439.43	378.36	419.17	8.43	ppb
Molybdenum	94-1	4.22	4.13	4.38	4.24	2.95	ppb
Molybdenum	95-1	0.28	0.30	0.31	0.30	4.68	ppb
Molybdenum	96-1	0.84	0.87	0.90	0.87	3.25	ppb
Molybdenum	97-1	0.30	0.29	0.25	0.28	9.08	ppb
Molybdenum	98-1	0.28	0.29	0.28	0.28	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.15	11.59	9.85	10.86	8.34	ppb
Phosphorus	31-2	713.73	668.06	614.13	665.31	7.49	ppb
Potassium	39-2	2425.52	2432.85	2084.72	2314.36	8.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	-0.39	0.47	0.54	0.21	247.49	ppb
Selenium	77-2	2.90	2.55	2.21	2.55	13.40	ppb
Selenium	78-2	-0.82	0.17	-0.32	-0.32		ppb
Silicon	28-1	145.00	144.56	144.06	144.54	0.32	ppb
Silver	107-1	0.06	0.06	0.06	0.06	2.22	ppb
Silver	109-1	0.06	0.06	0.05	0.06	8.40	ppb
Sodium	23-2	60.79	60.49	47.79	56.36	13.16	ppb
Strontium	86-1	17.46	17.10	17.17	17.24	1.11	ppb
Strontium	88-1	17.48	17.30	17.30	17.36	0.57	ppb
Sulfur	34-1	-941.67	-1034.75	-1180.58	-1052.34		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.12	ppb
Thallium	205-1	0.07	0.06	0.06	0.07	6.66	ppb
Tin	118-1	0.60	0.65	0.70	0.65	7.31	ppb
Titanium	47-1	377.38	370.22	371.13	372.91	1.05	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:15:33	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.23	0.22	0.23	0.23	2.81	ppb
Vanadium	51-2	46.25	46.26	39.56	44.02	8.78	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	58.68	60.36	49.77	56.27	10.12	ppb
Zirconium	90-1	2.35	2.38	2.34	2.36	0.97	ppb
Zirconium	91-1	2.29	2.22	2.24	2.25	1.58	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 14:18:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2022.81	1945.77	1794.59	1921.05	6.04	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	4.32	ppb
Arsenic	75-2	3.59	3.35	3.10	3.35	7.25	ppb
Barium	135-1	13.62	13.73	13.77	13.71	0.55	ppb
Barium	137-1	13.72	13.88	13.92	13.84	0.74	ppb
Beryllium	9-1	0.07	0.11	0.09	0.09	25.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.04	0.13	0.06	105.12	ppb
Cadmium	106-1	0.02	-1.24	-0.64	-0.62		ppb
Cadmium	111-1	0.03	-0.06	-0.01	-0.01		ppb
Calcium	43-1	760.80	771.45	770.01	767.42	0.75	ppb
Calcium	44-1	761.63	765.76	792.24	773.21	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.67	2.43	2.18	2.43	10.10	ppb
Cobalt	59-2	1.85	1.76	1.65	1.75	5.73	ppb
Copper	63-2	4.99	4.80	4.32	4.70	7.25	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				101		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	4963.07	4777.37	4461.70	4734.05	5.35	ppb
Iron	57-2	5108.50	4945.72	4567.65	4873.95	5.69	ppb
Iron	54-2	5114.47	5002.16	4646.46	4921.03	4.96	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 14:18:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.96	2.00	2.02	1.99	1.44	ppb
Lead	207-1	1.94	1.99	2.03	1.98	2.22	ppb
Lead	208-1	1.94	1.97	1.98	1.97	1.15	ppb
Lithium	6-1				96		%
Magnesium	24-2	797.95	778.02	713.37	763.12	5.79	ppb
Manganese	55-2	86.01	83.41	77.22	82.22	5.49	ppb
Molybdenum	94-1	0.75	0.72	0.80	0.75	5.15	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.05	23.36	ppb
Molybdenum	96-1	0.17	0.16	0.17	0.17	4.65	ppb
Molybdenum	97-1	0.06	0.06	0.06	0.06	3.96	ppb
Molybdenum	98-1	0.04	0.05	0.06	0.05	21.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.00	2.02	2.09	6.10	ppb
Phosphorus	31-2	124.15	99.09	96.10	106.45	14.47	ppb
Potassium	39-2	471.88	460.36	409.71	447.31	7.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	-0.29	-0.22	-0.15	-0.22		ppb
Selenium	77-2	1.70	0.84	0.77	1.10	46.71	ppb
Selenium	78-2	-0.84	-0.39	-0.90	-0.71		ppb
Silicon	28-1	27.64	27.59	28.55	27.93	1.94	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.32	ppb
Silver	109-1	0.01	0.00	0.01	0.01	49.46	ppb
Sodium	23-2	20.60	19.75	16.99	19.11	9.88	ppb
Strontium	86-1	3.21	3.24	3.39	3.28	2.94	ppb
Strontium	88-1	3.39	3.32	3.40	3.37	1.33	ppb
Sulfur	34-1	-1174.81	-1350.33	-1234.94	-1253.36		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.41	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.08	ppb
Tin	118-1	0.05	0.05	0.06	0.05	11.85	ppb
Titanium	47-1	70.57	71.66	73.15	71.79	1.80	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 14:18:52	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.05	0.05	0.05	3.43	ppb
Vanadium	51-2	8.75	8.82	8.11	8.56	4.60	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	11.46	10.90	9.63	10.66	8.80	ppb
Zirconium	90-1	0.41	0.41	0.40	0.41	1.68	ppb
Zirconium	91-1	0.36	0.36	0.43	0.38	10.26	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:22:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10344.13	10438.99	11234.56	10672.56	4.58	ppb
Antimony	121-1	16.20	15.95	16.17	16.11	0.83	ppb
Arsenic	75-2	24.34	25.01	24.84	24.73	1.42	ppb
Barium	135-1	362.98	365.27	365.76	364.67	0.41	ppb
Barium	137-1	372.94	369.06	371.71	371.24	0.53	ppb
Beryllium	9-1	9.68	9.61	9.90	9.73	1.55	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.77	7.41	7.70	7.29	6.50	ppb
Cadmium	106-1	7.05	6.96	5.53	6.51	13.11	ppb
Cadmium	111-1	8.46	8.30	8.43	8.40	1.06	ppb
Calcium	43-1	3985.97	3992.25	4067.10	4015.11	1.12	ppb
Calcium	44-1	4017.61	4088.68	4126.74	4077.68	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.53	45.46	48.67	46.22	4.70	ppb
Cobalt	59-2	88.24	89.83	96.38	91.48	4.72	ppb
Copper	63-2	61.62	63.20	68.05	64.29	5.21	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				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	24774.60	25448.91	27156.72	25793.41	4.76	ppb
Iron	57-2	25725.60	26158.09	28287.42	26723.70	5.13	ppb
Iron	54-2	24759.67	25484.56	27960.36	26068.20	6.44	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:22:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.45	13.71	13.71	13.62	1.08	ppb
Lead	207-1	13.84	14.12	13.98	13.98	0.99	ppb
Lead	208-1	13.59	13.70	13.67	13.65	0.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	4035.66	4101.84	4418.79	4185.43	4.89	ppb
Manganese	55-2	507.35	518.78	563.60	529.91	5.61	ppb
Molybdenum	94-1	4.08	4.17	4.37	4.21	3.58	ppb
Molybdenum	95-1	0.27	0.30	0.32	0.29	7.37	ppb
Molybdenum	96-1	0.87	0.89	0.91	0.89	2.08	ppb
Molybdenum	97-1	0.27	0.34	0.29	0.30	11.61	ppb
Molybdenum	98-1	0.28	0.29	0.31	0.30	5.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	92.18	94.29	100.29	95.59	4.40	ppb
Phosphorus	31-2	709.17	701.09	798.28	736.18	7.33	ppb
Potassium	39-2	2345.27	2402.60	2579.54	2442.47	5.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	16.98	15.31	17.04	16.44	5.98	ppb
Selenium	77-2	20.15	20.68	19.32	20.05	3.42	ppb
Selenium	78-2	15.35	15.13	15.53	15.34	1.30	ppb
Silicon	28-1	153.14	157.98	157.97	156.36	1.79	ppb
Silver	107-1	8.04	8.05	8.09	8.06	0.35	ppb
Silver	109-1	8.08	7.95	8.00	8.01	0.81	ppb
Sodium	23-2	54.81	56.04	62.01	57.62	6.69	ppb
Strontium	86-1	17.37	18.15	18.44	17.99	3.06	ppb
Strontium	88-1	17.65	17.65	18.13	17.81	1.56	ppb
Sulfur	34-1	-1023.87	-1140.02	-1126.47	-1096.79		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	7.26	7.47	7.49	7.41	1.70	ppb
Thallium	205-1	7.08	7.06	7.13	7.09	0.48	ppb
Tin	118-1	0.59	0.58	0.56	0.57	3.00	ppb
Titanium	47-1	378.54	385.74	391.34	385.20	1.67	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:22:09	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.26	0.25	3.27	ppb
Vanadium	51-2	121.21	123.83	134.24	126.43	5.45	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	133.90	137.00	146.44	139.12	4.70	ppb
Zirconium	90-1	2.14	2.28	2.20	2.21	3.19	ppb
Zirconium	91-1	2.20	2.35	2.33	2.29	3.59	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:25:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11707.27	10685.00	11705.01	11365.76	5.19	ppb
Antimony	121-1	78.39	80.34	81.14	79.96	1.77	ppb
Arsenic	75-2	49.46	44.79	49.63	47.96	5.73	ppb
Barium	135-1	1654.25	1690.82	1707.06	1684.04	1.61	ppb
Barium	137-1	1644.71	1657.22	1696.71	1666.21	1.63	ppb
Beryllium	9-1	45.65	46.01	45.70	45.78	0.43	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.63	37.94	38.43	38.00	1.05	ppb
Cadmium	106-1	34.75	35.13	35.27	35.05	0.78	ppb
Cadmium	111-1	41.41	42.17	42.68	42.09	1.52	ppb
Calcium	43-1	3781.00	3866.67	3941.27	3862.98	2.08	ppb
Calcium	44-1	3944.99	3947.98	4072.04	3988.34	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	176.44	162.96	177.26	172.22	4.66	ppb
Cobalt	59-2	417.81	380.72	416.51	405.01	5.20	ppb
Copper	63-2	216.98	197.42	217.64	210.68	5.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	25996.37	23774.98	26320.25	25363.87	5.46	ppb
Iron	57-2	27215.10	24741.85	27027.97	26328.31	5.23	ppb
Iron	54-2	26468.36	24278.89	26823.71	25856.99	5.33	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:25:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.14	24.90	24.79	24.61	1.67	ppb
Lead	207-1	24.22	24.77	24.80	24.60	1.32	ppb
Lead	208-1	24.10	24.79	24.68	24.52	1.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	4121.73	3768.04	4118.64	4002.80	5.08	ppb
Manganese	55-2	827.39	767.12	842.08	812.20	4.89	ppb
Molybdenum	94-1	4.19	4.27	4.14	4.20	1.64	ppb
Molybdenum	95-1	0.27	0.26	0.30	0.28	7.96	ppb
Molybdenum	96-1	0.87	0.88	0.87	0.87	0.76	ppb
Molybdenum	97-1	0.24	0.31	0.29	0.28	12.52	ppb
Molybdenum	98-1	0.27	0.31	0.29	0.29	6.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	428.62	392.31	432.22	417.72	5.28	ppb
Phosphorus	31-2	660.78	590.66	679.71	643.72	7.29	ppb
Potassium	39-2	2391.63	2186.50	2393.92	2324.02	5.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	84.28	89.63	93.59	89.17	5.24	ppb
Selenium	77-2	100.24	80.90	86.88	89.34	11.09	ppb
Selenium	78-2	86.00	80.63	79.55	82.06	4.21	ppb
Silicon	28-1	150.57	150.25	156.36	152.40	2.26	ppb
Silver	107-1	18.35	18.72	19.05	18.71	1.87	ppb
Silver	109-1	18.09	18.51	19.05	18.55	2.58	ppb
Sodium	23-2	57.58	51.53	57.71	55.61	6.35	ppb
Strontium	86-1	16.98	17.73	17.51	17.40	2.21	ppb
Strontium	88-1	17.29	17.56	17.64	17.50	1.06	ppb
Sulfur	34-1	-1330.89	-1373.06	-1215.20	-1306.38		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	35.02	35.77	35.76	35.52	1.21	ppb
Thallium	205-1	33.57	34.88	34.77	34.40	2.11	ppb
Tin	118-1	0.52	0.57	0.58	0.56	6.28	ppb
Titanium	47-1	365.87	366.81	383.31	371.99	2.64	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:25:26	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.23	0.24	0.24	2.93	ppb
Vanadium	51-2	444.33	405.70	446.46	432.16	5.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	457.73	416.29	453.97	442.66	5.18	ppb
Zirconium	90-1	2.19	2.25	2.26	2.24	1.73	ppb
Zirconium	91-1	2.10	2.24	2.29	2.21	4.40	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:28:58	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35798.76	35355.73	35344.88	35499.79	0.73	ppb
Antimony	121-1	1.20	1.04	1.08	1.11	7.36	ppb
Arsenic	75-2	61.36	61.42	59.37	60.72	1.93	ppb
Barium	135-1	290.96	248.03	258.02	265.67	8.46	ppb
Barium	137-1	288.23	245.93	257.82	263.99	8.26	ppb
Beryllium	9-1	1.40	1.45	1.37	1.41	2.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.25	1.43	1.52	1.40	9.79	ppb
Cadmium	106-1	2.51	2.38	1.94	2.28	12.99	ppb
Cadmium	111-1	0.74	0.65	0.72	0.71	6.49	ppb
Calcium	43-1	14977.47	12998.62	13762.73	13912.94	7.17	ppb
Calcium	44-1	14274.24	12432.01	13287.69	13331.31	6.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.53	44.53	44.60	44.55	0.09	ppb
Cobalt	59-2	31.71	31.85	31.90	31.82	0.30	ppb
Copper	63-2	86.50	85.68	85.19	85.79	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				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	88644.14	87528.48	87876.56	88016.40	0.65	ppb
Iron	57-2	86928.31	87115.09	85912.71	86652.03	0.75	ppb
Iron	54-2	88082.19	87510.22	87462.53	87684.98	0.39	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:28:58	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	43.41	36.43	38.72	39.52	9.00	ppb
Lead	207-1	43.96	36.24	38.48	39.56	10.05	ppb
Lead	208-1	42.97	36.06	38.17	39.07	9.06	ppb
Lithium	6-1				97		%
Magnesium	24-2	14054.38	13845.49	13736.86	13878.91	1.16	ppb
Manganese	55-2	1525.65	1508.19	1511.63	1515.16	0.61	ppb
Molybdenum	94-1	15.71	13.61	14.05	14.45	7.65	ppb
Molybdenum	95-1	1.03	0.90	0.91	0.95	7.36	ppb
Molybdenum	96-1	3.06	2.70	2.89	2.88	6.17	ppb
Molybdenum	97-1	1.03	0.90	0.84	0.92	10.27	ppb
Molybdenum	98-1	0.95	0.86	0.91	0.91	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.97	38.24	38.13	38.45	1.18	ppb
Phosphorus	31-2	2496.18	2418.25	2401.32	2438.58	2.07	ppb
Potassium	39-2	7935.78	7793.79	7778.86	7836.14	1.11	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.41	0.35	1.05	0.60	64.75	ppb
Selenium	77-2	9.11	16.26	9.44	11.60	34.79	ppb
Selenium	78-2	3.20	2.98	1.28	2.49	42.18	ppb
Silicon	28-1	1175.09	1003.32	1063.99	1080.80	8.06	ppb
Silver	107-1	0.28	0.22	0.22	0.24	14.48	ppb
Silver	109-1	0.28	0.21	0.21	0.23	16.60	ppb
Sodium	23-2	169.60	173.22	172.25	171.69	1.09	ppb
Strontium	86-1	67.82	57.99	60.64	62.15	8.19	ppb
Strontium	88-1	66.98	58.43	61.05	62.15	7.04	ppb
Sulfur	34-1	-376.59	-1280.84	-1048.37	-901.93		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.26	0.23	0.24	0.24	4.83	ppb
Thallium	205-1	0.25	0.22	0.24	0.24	7.13	ppb
Tin	118-1	2.33	1.95	2.09	2.12	8.97	ppb
Titanium	47-1	1557.89	1339.57	1412.68	1436.72	7.73	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:28:58	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	0.86	0.87	0.92	9.25	ppb
Vanadium	51-2	158.38	157.15	157.29	157.61	0.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	201.33	201.72	200.80	201.28	0.23	ppb
Zirconium	90-1	8.49	7.30	7.83	7.88	7.59	ppb
Zirconium	91-1	8.54	7.33	7.56	7.81	8.24	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:32:16	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37387.73	37905.75	38244.37	37845.95	1.14	ppb
Antimony	121-1	1.51	1.37	1.38	1.42	5.47	ppb
Arsenic	75-2	65.90	65.40	65.42	65.57	0.43	ppb
Barium	135-1	262.47	260.49	261.06	261.34	0.39	ppb
Barium	137-1	263.82	262.97	263.27	263.35	0.16	ppb
Beryllium	9-1	1.57	1.39	1.56	1.51	6.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.50	1.21	1.33	11.51	ppb
Cadmium	106-1	1.69	2.42	1.84	1.98	19.35	ppb
Cadmium	111-1	0.69	0.75	0.69	0.71	4.38	ppb
Calcium	43-1	14345.86	14556.51	14699.01	14533.79	1.22	ppb
Calcium	44-1	13679.37	13748.18	13929.82	13785.79	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.65	46.10	46.55	46.10	0.97	ppb
Cobalt	59-2	33.09	33.55	33.78	33.48	1.05	ppb
Copper	63-2	91.63	91.19	92.15	91.65	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				101		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	92368.90	93560.84	93748.55	93226.10	0.80	ppb
Iron	57-2	90288.73	92217.40	91825.69	91443.94	1.11	ppb
Iron	54-2	92181.00	92973.35	94098.00	93084.12	1.03	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:32:16	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	39.16	40.07	40.33	39.85	1.54	ppb
Lead	207-1	39.21	41.75	40.92	40.62	3.18	ppb
Lead	208-1	39.08	40.19	40.38	39.88	1.77	ppb
Lithium	6-1				99		%
Magnesium	24-2	14633.54	14733.55	14628.15	14665.08	0.40	ppb
Manganese	55-2	1543.76	1599.26	1588.61	1577.21	1.87	ppb
Molybdenum	94-1	15.53	16.03	15.65	15.74	1.67	ppb
Molybdenum	95-1	0.99	1.04	0.94	0.99	5.08	ppb
Molybdenum	96-1	3.03	3.23	3.15	3.13	3.13	ppb
Molybdenum	97-1	0.92	0.93	0.91	0.92	1.30	ppb
Molybdenum	98-1	0.91	0.93	0.97	0.94	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.41	39.90	40.20	39.84	1.00	ppb
Phosphorus	31-2	2524.77	2554.13	2571.58	2550.16	0.93	ppb
Potassium	39-2	8160.07	8279.69	8334.96	8258.24	1.08	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.73	0.36	0.67	0.59	33.54	ppb
Selenium	77-2	9.63	12.42	10.76	10.94	12.85	ppb
Selenium	78-2	1.41	2.83	2.43	2.22	32.87	ppb
Silicon	28-1	957.47	999.45	984.84	980.59	2.17	ppb
Silver	107-1	0.21	0.23	0.24	0.23	4.99	ppb
Silver	109-1	0.19	0.20	0.20	0.20	3.12	ppb
Sodium	23-2	187.52	189.97	191.12	189.53	0.97	ppb
Strontium	86-1	61.70	65.49	63.15	63.45	3.02	ppb
Strontium	88-1	62.87	64.94	64.61	64.14	1.73	ppb
Sulfur	34-1	-1240.15	-1233.57	-1345.21	-1272.98		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.26	0.29	0.30	0.28	6.78	ppb
Thallium	205-1	0.25	0.26	0.29	0.27	7.33	ppb
Tin	118-1	2.12	2.42	2.14	2.22	7.58	ppb
Titanium	47-1	1440.67	1505.80	1478.00	1474.82	2.22	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:32:16	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.89	0.91	0.89	2.27	ppb
Vanadium	51-2	166.51	168.25	168.37	167.71	0.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	211.12	215.33	216.03	214.16	1.24	ppb
Zirconium	90-1	8.27	8.72	8.46	8.48	2.65	ppb
Zirconium	91-1	8.25	8.70	8.29	8.41	2.99	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 14:35:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7486.39	7360.40	7410.17	7418.99	0.86	ppb
Antimony	121-1	0.20	0.21	0.21	0.21	3.48	ppb
Arsenic	75-2	12.06	12.72	12.32	12.37	2.70	ppb
Barium	135-1	50.53	52.63	51.75	51.64	2.04	ppb
Barium	137-1	50.09	51.74	51.36	51.06	1.69	ppb
Beryllium	9-1	0.23	0.26	0.29	0.26	12.07	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.36	0.04	0.19	85.08	ppb
Cadmium	106-1	-0.39	0.41	-0.02	0.00	17084.19	ppb
Cadmium	111-1	0.09	0.12	0.10	0.10	12.65	ppb
Calcium	43-1	2745.45	2812.86	2864.62	2807.64	2.13	ppb
Calcium	44-1	2839.59	2864.80	2877.97	2860.79	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.57	8.99	9.32	9.29	3.17	ppb
Cobalt	59-2	6.54	6.47	6.77	6.60	2.32	ppb
Copper	63-2	17.97	17.93	17.99	17.97	0.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	18460.07	17946.61	18275.17	18227.28	1.43	ppb
Iron	57-2	19021.02	18611.29	18799.47	18810.59	1.09	ppb
Iron	54-2	18522.23	18152.97	18347.84	18341.02	1.01	ppb
Krypton	83-1						cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 14:35:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.39	7.68	7.68	7.58	2.21	ppb
Lead	207-1	7.55	7.66	7.72	7.64	1.12	ppb
Lead	208-1	7.34	7.52	7.61	7.49	1.79	ppb
Lithium	6-1				96		%
Magnesium	24-2	2956.93	2909.10	2932.29	2932.77	0.82	ppb
Manganese	55-2	321.61	315.30	318.92	318.61	0.99	ppb
Molybdenum	94-1	2.93	2.88	2.89	2.90	0.88	ppb
Molybdenum	95-1	0.20	0.20	0.19	0.20	2.20	ppb
Molybdenum	96-1	0.58	0.66	0.54	0.59	10.40	ppb
Molybdenum	97-1	0.18	0.21	0.20	0.20	9.01	ppb
Molybdenum	98-1	0.21	0.19	0.19	0.20	5.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.20	8.19	8.42	8.27	1.60	ppb
Phosphorus	31-2	478.37	493.07	499.80	490.41	2.23	ppb
Potassium	39-2	1746.62	1705.72	1735.42	1729.25	1.22	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.11	0.38	-0.49	0.00	33996.02	ppb
Selenium	77-2	2.55	2.09	0.86	1.83	47.86	ppb
Selenium	78-2	-1.09	-0.16	-0.56	-0.60		ppb
Silicon	28-1	211.39	216.07	213.34	213.60	1.10	ppb
Silver	107-1	0.03	0.04	0.04	0.04	10.12	ppb
Silver	109-1	0.03	0.04	0.04	0.04	7.56	ppb
Sodium	23-2	47.20	42.87	45.59	45.22	4.84	ppb
Strontium	86-1	12.76	13.28	12.84	12.96	2.16	ppb
Strontium	88-1	12.74	12.88	12.83	12.82	0.57	ppb
Sulfur	34-1	-1595.85	-1671.19	-1631.44	-1632.83		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.07	0.07	0.07	4.74	ppb
Thallium	205-1	0.07	0.06	0.06	0.07	5.58	ppb
Tin	118-1	0.39	0.40	0.38	0.39	2.61	ppb
Titanium	47-1	285.88	291.28	290.97	289.38	1.05	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 14:35:29	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.18	0.18	0.17	2.72	ppb
Vanadium	51-2	32.76	32.61	33.07	32.81	0.71	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	41.41	41.27	40.65	41.11	0.98	ppb
Zirconium	90-1	1.56	1.65	1.60	1.60	2.73	ppb
Zirconium	91-1	1.52	1.64	1.59	1.58	3.88	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:38:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39248.67	48716.68	37506.25	41823.87	14.42	ppb
Antimony	121-1	62.03	62.16	62.37	62.19	0.28	ppb
Arsenic	75-2	87.43	110.69	84.00	94.04	15.44	ppb
Barium	135-1	1522.72	1532.38	1517.26	1524.12	0.50	ppb
Barium	137-1	1511.46	1530.95	1503.63	1515.35	0.93	ppb
Beryllium	9-1	33.37	33.05	36.10	34.17	4.92	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.87	30.46	30.44	30.26	1.11	ppb
Cadmium	106-1	29.42	29.40	29.16	29.33	0.49	ppb
Cadmium	111-1	33.13	33.14	32.93	33.07	0.36	ppb
Calcium	43-1	14276.89	14542.05	14719.27	14512.74	1.53	ppb
Calcium	44-1	13478.32	13987.57	14025.22	13830.37	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170.20	214.54	162.57	182.44	15.38	ppb
Cobalt	59-2	333.52	420.84	319.90	358.08	15.30	ppb
Copper	63-2	232.95	294.06	222.92	249.98	15.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	95206.78	119727.17	91972.70	102302.22	14.84	ppb
Iron	57-2	94410.02	118535.35	90321.84	101089.07	15.08	ppb
Iron	54-2	95271.56	119312.29	91265.93	101949.93	14.88	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:38:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.28	52.14	51.25	51.56	0.98	ppb
Lead	207-1	52.00	52.37	51.29	51.89	1.06	ppb
Lead	208-1	51.38	52.19	51.09	51.56	1.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	14734.91	18881.97	14457.95	16024.94	15.46	ppb
Manganese	55-2	1937.75	2419.68	1850.35	2069.26	14.82	ppb
Molybdenum	94-1	15.00	15.33	15.51	15.28	1.67	ppb
Molybdenum	95-1	0.98	0.98	1.03	1.00	3.29	ppb
Molybdenum	96-1	3.03	3.08	3.10	3.07	1.17	ppb
Molybdenum	97-1	0.94	0.95	0.92	0.94	1.56	ppb
Molybdenum	98-1	0.93	0.97	0.96	0.96	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	348.61	434.89	335.52	373.01	14.47	ppb
Phosphorus	31-2	2606.43	3317.21	2463.91	2795.85	16.35	ppb
Potassium	39-2	8419.76	10734.40	8265.42	9139.86	15.13	ppb
Rhodium	103-1				94		%
Rhodium	103-2				87		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	38.94	38.99	40.14	39.36	1.73	ppb
Selenium	77-2	51.59	56.34	43.87	50.60	12.44	ppb
Selenium	78-2	39.29	51.31	39.53	43.38	15.84	ppb
Silicon	28-1	1068.05	1085.26	1101.10	1084.80	1.52	ppb
Silver	107-1	31.17	31.50	31.79	31.49	0.99	ppb
Silver	109-1	30.95	31.08	30.96	31.00	0.22	ppb
Sodium	23-2	186.55	240.19	181.39	202.71	16.06	ppb
Strontium	86-1	64.79	65.08	65.00	64.96	0.23	ppb
Strontium	88-1	64.04	65.36	65.59	65.00	1.29	ppb
Sulfur	34-1	-1412.17	-1360.19	-1343.93	-1372.10		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	28.04	28.25	27.59	27.96	1.20	ppb
Thallium	205-1	27.36	27.82	27.19	27.46	1.18	ppb
Tin	118-1	2.14	2.18	2.16	2.16	0.83	ppb
Titanium	47-1	1464.41	1488.67	1507.25	1486.78	1.44	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:38:49	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.96	0.94	0.95	1.21	ppb
Vanadium	51-2	466.98	588.95	452.30	502.74	14.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	504.85	636.51	490.00	543.79	14.83	ppb
Zirconium	90-1	8.15	8.34	8.31	8.27	1.27	ppb
Zirconium	91-1	8.15	8.28	8.24	8.22	0.80	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:42:02	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42101.15	42434.05	42932.55	42489.25	0.98	ppb
Antimony	121-1	312.88	310.35	314.63	312.62	0.69	ppb
Arsenic	75-2	170.49	170.55	173.04	171.36	0.85	ppb
Barium	135-1	6056.82	6096.89	6225.68	6126.46	1.44	ppb
Barium	137-1	6089.52	6144.20	6140.77	6124.83	0.50	ppb
Beryllium	9-1	151.72	152.34	152.34	152.13	0.23	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	141.48	137.52	142.19	140.39	1.79	ppb
Cadmium	106-1	134.26	137.64	138.09	136.66	1.53	ppb
Cadmium	111-1	156.85	158.06	158.51	157.81	0.54	ppb
Calcium	43-1	14341.73	14229.23	14436.47	14335.81	0.72	ppb
Calcium	44-1	13407.48	13490.33	13823.12	13573.64	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	620.41	625.55	631.81	625.92	0.91	ppb
Cobalt	59-2	1452.64	1451.55	1463.82	1456.00	0.47	ppb
Copper	63-2	776.48	780.20	781.75	779.48	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	95211.45	94916.42	95839.82	95322.56	0.49	ppb
Iron	57-2	93054.54	92522.74	94375.92	93317.74	1.02	ppb
Iron	54-2	94533.34	94782.31	96997.49	95437.71	1.42	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:42:02	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	91.69	93.39	94.66	93.25	1.60	ppb
Lead	207-1	93.14	93.17	95.80	94.03	1.62	ppb
Lead	208-1	92.05	92.86	95.02	93.31	1.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	14438.09	14545.34	14424.18	14469.20	0.46	ppb
Manganese	55-2	2957.93	3020.64	3030.75	3003.11	1.31	ppb
Molybdenum	94-1	15.06	15.22	15.44	15.24	1.24	ppb
Molybdenum	95-1	0.97	1.00	1.01	1.00	2.35	ppb
Molybdenum	96-1	3.04	3.06	3.08	3.06	0.68	ppb
Molybdenum	97-1	0.94	0.97	0.91	0.94	3.12	ppb
Molybdenum	98-1	0.96	0.98	0.98	0.97	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1474.34	1487.87	1497.23	1486.48	0.77	ppb
Phosphorus	31-2	2540.09	2519.48	2639.09	2566.22	2.49	ppb
Potassium	39-2	8097.51	8376.05	8326.69	8266.75	1.80	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	311.23	313.70	319.43	314.79	1.34	ppb
Selenium	77-2	325.80	318.84	340.91	328.52	3.43	ppb
Selenium	78-2	312.86	305.45	313.14	310.48	1.40	ppb
Silicon	28-1	1053.05	1059.21	1058.84	1057.03	0.33	ppb
Silver	107-1	139.75	135.20	140.52	138.49	2.08	ppb
Silver	109-1	138.60	134.49	135.39	136.16	1.59	ppb
Sodium	23-2	182.57	186.77	187.95	185.76	1.52	ppb
Strontium	86-1	62.52	63.53	63.84	63.30	1.10	ppb
Strontium	88-1	63.17	62.97	64.20	63.45	1.04	ppb
Sulfur	34-1	-1454.85	-1480.39	-1467.59	-1467.61		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	134.50	134.76	139.08	136.11	1.89	ppb
Thallium	205-1	145.65	148.10	152.10	148.62	2.19	ppb
Tin	118-1	2.12	2.10	2.17	2.13	1.85	ppb
Titanium	47-1	1453.10	1465.05	1480.45	1466.20	0.94	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:42:02	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.91	0.95	0.93	2.50	ppb
Vanadium	51-2	1558.36	1547.86	1582.38	1562.87	1.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	1602.07	1603.19	1627.23	1610.83	0.88	ppb
Zirconium	90-1	8.01	8.03	8.01	8.02	0.14	ppb
Zirconium	91-1	7.80	8.15	8.31	8.08	3.22	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:11:18	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9471.09	9431.04	9448.06	9450.06	0.21	ppb
Antimony	121-1	0.16	0.14	0.15	0.15	6.74	ppb
Arsenic	75-2	14.38	15.31	14.64	14.78	3.26	ppb
Barium	135-1	69.80	72.84	71.76	71.47	2.16	ppb
Barium	137-1	71.01	72.45	70.96	71.47	1.18	ppb
Beryllium	9-1	0.38	0.38	0.33	0.37	8.04	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.50	0.35	0.38	0.41	19.57	ppb
Cadmium	106-1	1.38	-0.73	0.30	0.32	334.29	ppb
Cadmium	111-1	0.35	0.21	0.22	0.26	29.09	ppb
Calcium	43-1	3667.15	3838.68	3777.25	3761.03	2.31	ppb
Calcium	44-1	3777.01	3965.82	3925.04	3889.29	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.83	10.82	10.50	10.72	1.74	ppb
Cobalt	59-2	7.88	7.62	7.72	7.74	1.66	ppb
Copper	63-2	27.68	27.85	27.90	27.81	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				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	16991.18	16959.99	17023.13	16991.43	0.19	ppb
Iron	57-2	17493.09	17527.45	17419.83	17480.13	0.31	ppb
Iron	54-2	16748.29	17040.17	17193.24	16993.90	1.33	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:11:18	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.09	10.30	10.32	10.24	1.27	ppb
Lead	207-1	10.17	10.56	10.35	10.36	1.88	ppb
Lead	208-1	10.05	10.42	10.30	10.26	1.84	ppb
Lithium	6-1				100		%
Magnesium	24-2	3559.75	3554.58	3535.13	3549.82	0.37	ppb
Manganese	55-2	399.87	399.11	400.34	399.77	0.15	ppb
Molybdenum	94-1	6.85	7.12	6.93	6.97	1.98	ppb
Molybdenum	95-1	0.17	0.17	0.17	0.17	1.93	ppb
Molybdenum	96-1	1.03	1.04	1.01	1.02	1.53	ppb
Molybdenum	97-1	0.18	0.14	0.16	0.16	11.41	ppb
Molybdenum	98-1	0.15	0.17	0.16	0.16	6.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.65	10.71	10.27	10.55	2.25	ppb
Phosphorus	31-2	555.90	554.03	561.64	557.19	0.71	ppb
Potassium	39-2	2346.13	2338.45	2328.49	2337.69	0.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-0.59	0.55	0.48	0.15	431.18	ppb
Selenium	77-2	6.65	6.26	2.93	5.28	38.66	ppb
Selenium	78-2	-0.07	0.07	-0.15	-0.05		ppb
Silicon	28-1	391.19	416.27	415.78	407.75	3.52	ppb
Silver	107-1	0.16	0.23	0.26	0.21	23.89	ppb
Silver	109-1	0.15	0.24	0.22	0.21	24.71	ppb
Sodium	23-2	132.79	134.82	137.10	134.90	1.60	ppb
Strontium	86-1	14.74	15.22	15.09	15.02	1.64	ppb
Strontium	88-1	14.45	15.23	15.05	14.91	2.72	ppb
Sulfur	34-1	-1850.20	-1709.34	-1899.31	-1819.62		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.12	0.14	0.12	12.21	ppb
Thallium	205-1	0.10	0.12	0.14	0.12	13.85	ppb
Tin	118-1	0.31	0.36	0.39	0.35	11.69	ppb
Titanium	47-1	297.63	309.26	307.50	304.80	2.06	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:11:18	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.20	0.21	2.31	ppb
Vanadium	51-2	24.78	24.32	24.60	24.57	0.95	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	58.78	58.63	58.51	58.64	0.23	ppb
Zirconium	90-1	3.73	3.92	3.91	3.85	2.77	ppb
Zirconium	91-1	3.64	3.95	3.91	3.83	4.41	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:14:38	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9906.54	9526.93	9813.56	9749.01	2.03	ppb
Antimony	121-1	0.13	0.14	0.13	0.13	2.17	ppb
Arsenic	75-2	15.59	16.06	15.35	15.67	2.31	ppb
Barium	135-1	75.06	75.12	75.39	75.19	0.24	ppb
Barium	137-1	75.55	75.43	75.59	75.52	0.11	ppb
Beryllium	9-1	0.28	0.38	0.41	0.36	20.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.61	0.72	0.47	0.60	20.65	ppb
Cadmium	106-1	0.32	-0.44	0.16	0.02	2436.04	ppb
Cadmium	111-1	0.22	0.18	0.26	0.22	17.39	ppb
Calcium	43-1	3942.18	4013.90	3945.71	3967.26	1.02	ppb
Calcium	44-1	4092.56	4094.55	4066.99	4084.70	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12.00	11.41	11.65	11.68	2.56	ppb
Cobalt	59-2	8.41	7.85	8.12	8.13	3.47	ppb
Copper	63-2	29.68	28.03	28.30	28.67	3.09	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				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	18254.92	17163.95	17575.90	17664.92	3.12	ppb
Iron	57-2	18930.90	17813.30	18231.45	18325.22	3.08	ppb
Iron	54-2	18495.59	17110.86	17651.50	17752.65	3.93	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:14:38	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	11.10	10.98	10.79	10.96	1.43	ppb
Lead	207-1	11.22	10.82	11.10	11.05	1.86	ppb
Lead	208-1	11.00	10.77	10.87	10.88	1.05	ppb
Lithium	6-1				100		%
Magnesium	24-2	3846.91	3621.27	3683.85	3717.34	3.13	ppb
Manganese	55-2	434.44	408.52	415.07	419.34	3.21	ppb
Molybdenum	94-1	7.18	7.24	7.08	7.17	1.08	ppb
Molybdenum	95-1	0.18	0.16	0.17	0.17	5.87	ppb
Molybdenum	96-1	1.05	1.02	1.05	1.04	1.48	ppb
Molybdenum	97-1	0.17	0.18	0.16	0.17	6.72	ppb
Molybdenum	98-1	0.17	0.17	0.17	0.17	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.67	11.03	11.57	11.42	3.02	ppb
Phosphorus	31-2	565.94	569.83	548.59	561.45	2.01	ppb
Potassium	39-2	2517.65	2358.39	2405.17	2427.07	3.37	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	-0.13	-0.37	0.38	-0.04		ppb
Selenium	77-2	5.07	3.58	5.35	4.67	20.41	ppb
Selenium	78-2	0.52	-0.29	0.13	0.12	340.79	ppb
Silicon	28-1	408.71	409.31	405.30	407.77	0.53	ppb
Silver	107-1	0.14	0.15	0.16	0.15	6.88	ppb
Silver	109-1	0.13	0.15	0.16	0.15	11.30	ppb
Sodium	23-2	143.13	135.45	141.02	139.87	2.84	ppb
Strontium	86-1	15.60	15.63	15.49	15.57	0.48	ppb
Strontium	88-1	15.56	15.39	15.61	15.52	0.75	ppb
Sulfur	34-1	-1901.26	-2085.21	-2056.94	-2014.47		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.09	0.10	0.10	6.49	ppb
Thallium	205-1	0.10	0.09	0.10	0.10	3.74	ppb
Tin	118-1	0.40	0.41	0.37	0.40	5.54	ppb
Titanium	47-1	308.74	311.35	307.32	309.14	0.66	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:14:38	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.21	0.21	0.21	1.73	ppb
Vanadium	51-2	26.55	25.31	25.63	25.83	2.49	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	61.82	58.46	60.64	60.31	2.82	ppb
Zirconium	90-1	4.01	4.00	4.02	4.01	0.25	ppb
Zirconium	91-1	4.01	3.96	4.08	4.02	1.59	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 15:17:55	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1778.98	1820.59	1809.42	1803.00	1.19	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	48.38	ppb
Arsenic	75-2	2.62	2.83	2.89	2.78	5.19	ppb
Barium	135-1	13.46	13.47	13.39	13.44	0.33	ppb
Barium	137-1	13.35	13.18	13.15	13.22	0.81	ppb
Beryllium	9-1	0.06	0.04	0.06	0.05	20.90	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.13	0.16	0.11	55.73	ppb
Cadmium	106-1	-0.87	-1.84	-1.21	-1.31		ppb
Cadmium	111-1	0.00	-0.10	-0.07	-0.05		ppb
Calcium	43-1	738.64	722.10	692.04	717.59	3.29	ppb
Calcium	44-1	727.67	741.63	725.08	731.46	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.01	2.01	2.01	0.07	ppb
Cobalt	59-2	1.41	1.43	1.56	1.47	5.32	ppb
Copper	63-2	5.24	5.17	5.50	5.30	3.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	3211.33	3233.55	3233.98	3226.29	0.40	ppb
Iron	57-2	3300.06	3348.21	3324.95	3324.41	0.72	ppb
Iron	54-2	3314.30	3352.26	3337.24	3334.60	0.57	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 15:17:55	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.83	1.85	1.90	1.86	1.97	ppb
Lead	207-1	1.90	1.89	1.93	1.91	1.12	ppb
Lead	208-1	1.84	1.86	1.88	1.86	0.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	669.97	679.60	682.26	677.28	0.95	ppb
Manganese	55-2	75.00	76.77	76.03	75.93	1.16	ppb
Molybdenum	94-1	1.32	1.28	1.34	1.31	2.11	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	18.50	ppb
Molybdenum	96-1	0.20	0.18	0.20	0.19	6.02	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	17.06	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	17.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.20	2.15	2.00	2.12	5.10	ppb
Phosphorus	31-2	77.54	97.16	92.81	89.17	11.55	ppb
Potassium	39-2	436.49	445.51	447.94	443.31	1.36	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.51	-0.26	-0.31	-0.02		ppb
Selenium	77-2	0.86	2.56	0.43	1.28	87.80	ppb
Selenium	78-2	0.25	-1.82	-0.04	-0.54		ppb
Silicon	28-1	76.45	80.17	77.77	78.13	2.41	ppb
Silver	107-1	0.03	0.03	0.04	0.03	14.17	ppb
Silver	109-1	0.03	0.02	0.03	0.03	5.37	ppb
Sodium	23-2	51.78	52.68	50.04	51.50	2.61	ppb
Strontium	86-1	2.78	2.86	2.88	2.84	1.83	ppb
Strontium	88-1	2.87	2.81	2.82	2.84	1.09	ppb
Sulfur	34-1	-2085.35	-2098.94	-2189.46	-2124.59		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	2.33	ppb
Tin	118-1	0.11	0.11	0.09	0.11	10.85	ppb
Titanium	47-1	56.30	58.16	56.26	56.91	1.90	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 15:17:55	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	9.08	ppb
Vanadium	51-2	4.55	4.55	4.57	4.56	0.25	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	11.85	11.81	11.89	11.85	0.38	ppb
Zirconium	90-1	0.73	0.72	0.67	0.70	4.03	ppb
Zirconium	91-1	0.71	0.72	0.74	0.72	2.17	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:21:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9963.70	9812.94	9915.88	9897.51	0.78	ppb
Antimony	121-1	14.85	14.79	14.90	14.85	0.39	ppb
Arsenic	75-2	21.57	21.05	22.00	21.54	2.20	ppb
Barium	135-1	350.41	352.99	348.31	350.57	0.67	ppb
Barium	137-1	351.66	350.58	351.28	351.17	0.16	ppb
Beryllium	9-1	8.11	7.91	8.10	8.04	1.38	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.84	6.84	7.74	7.14	7.29	ppb
Cadmium	106-1	7.20	6.94	7.60	7.25	4.58	ppb
Cadmium	111-1	8.08	8.26	7.90	8.08	2.21	ppb
Calcium	43-1	3930.08	3919.09	3988.85	3946.00	0.95	ppb
Calcium	44-1	4007.27	4064.68	4068.65	4046.87	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.87	41.83	41.75	41.82	0.14	ppb
Cobalt	59-2	83.70	83.22	83.35	83.42	0.30	ppb
Copper	63-2	64.25	63.57	63.22	63.68	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	18083.14	17903.02	17887.24	17957.80	0.61	ppb
Iron	57-2	18549.62	18352.92	18352.06	18418.20	0.62	ppb
Iron	54-2	17778.50	17992.10	17867.32	17879.31	0.60	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:21:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.03	13.10	13.41	13.18	1.55	ppb
Lead	207-1	13.28	13.44	13.64	13.46	1.34	ppb
Lead	208-1	13.11	13.14	13.48	13.24	1.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	3720.07	3679.30	3692.58	3697.31	0.56	ppb
Manganese	55-2	494.28	491.95	492.26	492.83	0.26	ppb
Molybdenum	94-1	7.42	7.26	7.17	7.28	1.76	ppb
Molybdenum	95-1	0.17	0.19	0.18	0.18	6.92	ppb
Molybdenum	96-1	1.03	1.01	1.02	1.02	0.72	ppb
Molybdenum	97-1	0.16	0.19	0.19	0.18	10.87	ppb
Molybdenum	98-1	0.17	0.16	0.17	0.17	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	88.27	88.24	88.22	88.24	0.03	ppb
Phosphorus	31-2	589.75	564.92	562.43	572.37	2.64	ppb
Potassium	39-2	2435.91	2414.78	2411.46	2420.72	0.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	9.23	9.67	8.35	9.09	7.41	ppb
Selenium	77-2	14.80	8.34	16.06	13.07	31.71	ppb
Selenium	78-2	8.78	11.80	9.03	9.87	16.94	ppb
Silicon	28-1	423.04	425.36	421.68	423.36	0.44	ppb
Silver	107-1	7.73	7.68	7.61	7.67	0.76	ppb
Silver	109-1	7.53	7.57	7.68	7.59	0.96	ppb
Sodium	23-2	130.57	134.25	136.99	133.93	2.40	ppb
Strontium	86-1	15.27	15.50	15.40	15.39	0.74	ppb
Strontium	88-1	15.63	15.63	15.44	15.57	0.71	ppb
Sulfur	34-1	-1928.36	-2018.89	-2122.02	-2023.09		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	6.57	6.62	6.82	6.67	1.96	ppb
Thallium	205-1	6.48	6.59	6.64	6.57	1.18	ppb
Tin	118-1	0.39	0.35	0.39	0.37	6.67	ppb
Titanium	47-1	309.07	315.74	314.90	313.24	1.16	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:21:16	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	0.88	ppb
Vanadium	51-2	99.57	99.81	98.49	99.29	0.71	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	131.75	135.33	134.96	134.01	1.47	ppb
Zirconium	90-1	4.17	4.06	4.01	4.08	1.91	ppb
Zirconium	91-1	3.90	4.03	4.05	3.99	2.00	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:24:33	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10671.04	10938.28	10758.38	10789.24	1.26	ppb
Antimony	121-1	67.30	85.44	67.36	73.36	14.25	ppb
Arsenic	75-2	42.69	42.32	44.56	43.19	2.78	ppb
Barium	135-1	1477.97	1861.34	1470.90	1603.40	13.93	ppb
Barium	137-1	1472.27	1848.30	1441.11	1587.23	14.28	ppb
Beryllium	9-1	39.54	44.63	37.69	40.62	8.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.44	40.45	33.17	35.36	12.53	ppb
Cadmium	106-1	31.97	38.63	31.10	33.90	12.14	ppb
Cadmium	111-1	35.93	45.51	35.89	39.11	14.18	ppb
Calcium	43-1	3661.41	4679.96	3626.17	3989.18	15.00	ppb
Calcium	44-1	3780.92	4769.94	3749.27	4100.04	14.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.43	163.31	164.45	163.06	0.93	ppb
Cobalt	59-2	383.27	386.13	385.87	385.09	0.41	ppb
Copper	63-2	205.18	207.32	205.71	206.07	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				100		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	18076.48	18310.81	18291.21	18226.17	0.71	ppb
Iron	57-2	18693.50	18954.55	18819.18	18822.41	0.69	ppb
Iron	54-2	18305.87	18456.20	18259.71	18340.59	0.56	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:24:33	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.91	27.64	21.52	23.69	14.45	ppb
Lead	207-1	22.21	28.09	21.72	24.01	14.76	ppb
Lead	208-1	22.07	27.81	21.51	23.79	14.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	3609.50	3650.41	3662.22	3640.71	0.76	ppb
Manganese	55-2	777.87	788.15	784.72	783.58	0.67	ppb
Molybdenum	94-1	6.71	8.53	6.86	7.37	13.77	ppb
Molybdenum	95-1	0.20	0.22	0.14	0.19	22.50	ppb
Molybdenum	96-1	0.99	1.30	1.00	1.10	16.04	ppb
Molybdenum	97-1	0.18	0.20	0.19	0.19	6.36	ppb
Molybdenum	98-1	0.17	0.21	0.17	0.19	11.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	393.41	398.95	397.60	396.66	0.73	ppb
Phosphorus	31-2	561.33	565.11	581.04	569.16	1.84	ppb
Potassium	39-2	2353.14	2393.40	2395.88	2380.81	1.01	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	82-1	78.44	99.09	77.32	84.95	14.43	ppb
Selenium	77-2	82.18	91.36	75.73	83.09	9.46	ppb
Selenium	78-2	81.43	80.75	84.85	82.34	2.67	ppb
Silicon	28-1	394.09	492.60	390.17	425.62	13.64	ppb
Silver	107-1	36.23	45.42	35.86	39.17	13.83	ppb
Silver	109-1	35.70	45.01	35.86	38.86	13.72	ppb
Sodium	23-2	136.43	138.67	140.18	138.43	1.37	ppb
Strontium	86-1	14.46	17.94	14.08	15.50	13.74	ppb
Strontium	88-1	14.47	18.44	14.27	15.73	14.97	ppb
Sulfur	34-1	-2153.90	-1266.96	-2345.07	-1921.98		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	30.86	38.73	30.00	33.20	14.48	ppb
Thallium	205-1	29.98	37.49	29.16	32.21	14.25	ppb
Tin	118-1	0.30	0.43	0.40	0.38	17.47	ppb
Titanium	47-1	292.22	367.40	290.05	316.56	13.91	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:24:33	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.25	0.20	0.22	13.06	ppb
Vanadium	51-2	391.03	395.14	394.23	393.47	0.55	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	424.84	432.40	428.46	428.56	0.88	ppb
Zirconium	90-1	3.76	4.86	3.82	4.15	14.98	ppb
Zirconium	91-1	3.71	4.80	3.85	4.12	14.41	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:27:56	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47912.53	47344.10	47864.47	47707.03	0.66	ppb
Antimony	121-1	494.75	496.22	499.12	496.70	0.45	ppb
Arsenic	75-2	486.86	477.11	468.26	477.41	1.95	ppb
Barium	135-1	2478.52	2424.23	2480.04	2460.93	1.29	ppb
Barium	137-1	2410.22	2458.90	2448.29	2439.13	1.05	ppb
Beryllium	9-1	504.55	507.51	510.44	507.50	0.58	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	474.36	489.98	487.66	484.00	1.74	ppb
Cadmium	106-1	489.43	488.74	488.78	488.98	0.08	ppb
Cadmium	111-1	480.12	483.36	485.55	483.01	0.57	ppb
Calcium	43-1	248814.86	248520.26	251333.50	249556.21	0.62	ppb
Calcium	44-1	252291.85	250523.59	253625.64	252147.03	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.97	503.64	503.74	504.78	0.38	ppb
Cobalt	59-2	485.02	479.68	480.55	481.75	0.59	ppb
Copper	63-2	4547.56	4472.64	4511.94	4510.71	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				98		%
Holmium	165-2				99		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	128921.80	128889.58	128815.43	128875.60	0.04	ppb
Iron	57-2	129080.26	127623.03	128835.23	128512.84	0.61	ppb
Iron	54-2	129454.49	127756.60	127542.01	128251.03	0.82	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:27:56	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2594.89	2519.16	2586.16	2566.74	1.61	ppb
Lead	207-1	2645.22	2548.54	2602.50	2598.75	1.86	ppb
Lead	208-1	2603.78	2528.35	2589.31	2573.81	1.56	ppb
Lithium	6-1				92		%
Magnesium	24-2	249183.33	247129.30	250961.04	249091.22	0.77	ppb
Manganese	55-2	4903.40	4967.10	4875.34	4915.28	0.96	ppb
Molybdenum	94-1	5220.63	5245.12	5276.50	5247.42	0.53	ppb
Molybdenum	95-1	5202.38	5275.27	5325.01	5267.55	1.17	ppb
Molybdenum	96-1	5237.28	5256.43	5310.88	5268.20	0.72	ppb
Molybdenum	97-1	5242.86	5258.68	5339.30	5280.28	0.98	ppb
Molybdenum	98-1	5176.66	5230.09	5286.14	5230.96	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.36	481.24	484.75	485.11	0.84	ppb
Phosphorus	31-2	9786.12	9824.79	9908.56	9839.82	0.64	ppb
Potassium	39-2	124454.20	123933.26	123623.17	124003.55	0.34	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	82-1	470.63	477.45	484.45	477.51	1.45	ppb
Selenium	77-2	477.21	481.85	462.93	473.99	2.08	ppb
Selenium	78-2	495.93	456.69	461.65	471.42	4.53	ppb
Silicon	28-1	860.63	861.55	859.59	860.59	0.11	ppb
Silver	107-1	491.17	484.44	487.19	487.60	0.69	ppb
Silver	109-1	485.58	481.72	486.93	484.74	0.56	ppb
Sodium	23-2	247590.01	246137.51	247476.16	247067.89	0.33	ppb
Strontium	86-1	12071.58	12194.02	12349.45	12205.02	1.14	ppb
Strontium	88-1	12129.98	12276.56	12432.48	12279.67	1.23	ppb
Sulfur	34-1	9866.25	9642.67	9744.44	9751.12	1.15	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	529.62	522.22	527.14	526.33	0.72	ppb
Thallium	205-1	520.43	507.62	517.18	515.08	1.29	ppb
Tin	118-1	486.99	484.57	493.36	488.31	0.93	ppb
Titanium	47-1	5358.68	5292.78	5325.08	5325.52	0.62	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:27:56	DataFile Name :	046CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.81	518.93	520.32	520.35	0.28	ppb
Vanadium	51-2	503.51	497.18	499.41	500.03	0.64	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%
Zinc	66-2	4756.91	4651.31	4727.60	4711.94	1.16	ppb
Zirconium	90-1	511.30	513.26	510.35	511.64	0.29	ppb
Zirconium	91-1	508.10	511.91	516.84	512.28	0.86	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:30:51	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	0.78	1.47	1.03	36.86	ppb
Antimony	121-1	0.34	0.32	0.34	0.33	2.92	ppb
Arsenic	75-2	0.01	0.02	-0.01	0.01	213.83	ppb
Barium	135-1	0.13	0.08	0.08	0.10	31.15	ppb
Barium	137-1	0.13	0.05	0.06	0.08	52.97	ppb
Beryllium	9-1	0.12	0.11	0.11	0.11	5.72	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.01	0.01	0.02	89.06	ppb
Cadmium	106-1	-1.03	-0.39	-1.39	-0.94		ppb
Cadmium	111-1	-0.01	0.01	-0.08	-0.03		ppb
Calcium	43-1	14.55	11.77	13.56	13.29	10.57	ppb
Calcium	44-1	15.32	10.64	9.88	11.95	24.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.02	0.05	0.04	53.27	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	34.56	ppb
Copper	63-2	0.35	0.32	0.30	0.32	7.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	3.46	3.43	3.37	3.42	1.34	ppb
Iron	57-2	-0.87	1.94	-0.12	0.32	454.83	ppb
Iron	54-2	4.13	2.91	4.83	3.96	24.48	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:30:51	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.13	0.12	0.15	31.60	ppb
Lead	207-1	0.19	0.12	0.09	0.13	36.12	ppb
Lead	208-1	0.19	0.12	0.11	0.14	30.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	5.60	5.78	5.01	5.46	7.38	ppb
Manganese	55-2	0.11	0.15	0.11	0.12	20.63	ppb
Molybdenum	94-1	0.45	0.32	0.31	0.36	21.65	ppb
Molybdenum	95-1	0.38	0.29	0.32	0.33	13.75	ppb
Molybdenum	96-1	0.39	0.33	0.32	0.34	11.20	ppb
Molybdenum	97-1	0.36	0.36	0.30	0.34	9.90	ppb
Molybdenum	98-1	0.42	0.35	0.27	0.35	20.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.00	0.02	156.32	ppb
Phosphorus	31-2	-13.53	-15.69	-17.41	-15.55		ppb
Potassium	39-2	3.34	8.35	5.65	5.78	43.36	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				89		%
Scandium	45-2				90		%
Selenium	82-1	-0.19	0.02	0.06	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-2.21	-0.06	-1.01	-1.09		ppb
Silicon	28-1	0.37	0.06	-0.11	0.11	224.48	ppb
Silver	107-1	0.09	0.06	0.05	0.07	25.84	ppb
Silver	109-1	0.09	0.07	0.06	0.07	23.41	ppb
Sodium	23-2	47.76	43.58	43.66	45.00	5.32	ppb
Strontium	86-1	0.52	0.39	0.33	0.41	22.88	ppb
Strontium	88-1	0.52	0.36	0.29	0.39	30.51	ppb
Sulfur	34-1	-312.90	-709.20	-678.59	-566.90		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.06	0.04	0.06	42.03	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	22.20	ppb
Tin	118-1	0.09	0.12	0.16	0.12	25.86	ppb
Titanium	47-1	0.38	0.28	0.24	0.30	23.16	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:30:51	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.02	31.27	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	17.83	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	0.16	-0.04	0.02	0.05	204.17	ppb
Zirconium	90-1	0.05	0.05	0.03	0.05	20.66	ppb
Zirconium	91-1	0.07	0.05	0.02	0.05	51.55	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:34:14	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35406.22	35422.82	36002.32	35610.45	0.95	ppb
Antimony	121-1	0.79	0.78	0.73	0.77	4.31	ppb
Arsenic	75-2	56.55	54.82	55.15	55.51	1.65	ppb
Barium	135-1	272.25	282.37	278.25	277.62	1.83	ppb
Barium	137-1	276.32	280.22	279.62	278.72	0.75	ppb
Beryllium	9-1	1.55	1.45	1.45	1.48	3.86	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	2.54	2.29	2.32	8.87	ppb
Cadmium	106-1	4.07	3.39	2.70	3.39	20.23	ppb
Cadmium	111-1	1.14	1.04	0.96	1.05	8.66	ppb
Calcium	43-1	14314.23	14883.34	14422.52	14540.03	2.08	ppb
Calcium	44-1	13678.61	14136.59	13726.63	13847.28	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.89	41.44	41.83	41.39	1.14	ppb
Cobalt	59-2	29.75	30.07	30.00	29.94	0.56	ppb
Copper	63-2	102.71	103.17	104.04	103.30	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				105		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	64707.44	65936.27	65999.60	65547.77	1.11	ppb
Iron	57-2	63703.88	65662.99	64846.41	64737.76	1.52	ppb
Iron	54-2	64632.54	65314.36	65982.89	65309.93	1.03	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:34:14	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	40.11	40.08	40.34	40.17	0.35	ppb
Lead	207-1	41.45	40.64	40.66	40.92	1.12	ppb
Lead	208-1	40.59	40.21	40.36	40.39	0.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	13328.91	13397.08	13563.72	13429.91	0.90	ppb
Manganese	55-2	1511.35	1531.33	1540.61	1527.76	0.98	ppb
Molybdenum	94-1	25.93	26.87	26.85	26.55	2.03	ppb
Molybdenum	95-1	0.64	0.74	0.66	0.68	8.07	ppb
Molybdenum	96-1	3.73	3.91	3.79	3.81	2.48	ppb
Molybdenum	97-1	0.71	0.71	0.68	0.70	2.82	ppb
Molybdenum	98-1	0.67	0.65	0.68	0.67	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.01	41.48	42.23	41.58	1.49	ppb
Phosphorus	31-2	2190.82	2143.65	2219.13	2184.53	1.75	ppb
Potassium	39-2	8433.78	8522.04	8547.26	8501.03	0.70	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.71	0.36	-0.12	0.32	130.20	ppb
Selenium	77-2	15.96	18.33	16.08	16.79	7.97	ppb
Selenium	78-2	4.33	1.69	1.61	2.54	60.67	ppb
Silicon	28-1	1558.20	1615.79	1557.90	1577.30	2.11	ppb
Silver	107-1	0.57	0.62	0.52	0.57	9.13	ppb
Silver	109-1	0.61	0.59	0.51	0.57	8.94	ppb
Sodium	23-2	434.88	438.36	443.52	438.92	0.99	ppb
Strontium	86-1	54.61	56.11	55.73	55.48	1.40	ppb
Strontium	88-1	54.97	56.25	55.53	55.59	1.15	ppb
Sulfur	34-1	-933.21	-974.44	-1185.21	-1030.95		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.64	0.48	0.41	0.51	22.78	ppb
Thallium	205-1	0.62	0.45	0.40	0.49	23.81	ppb
Tin	118-1	1.45	1.47	1.44	1.45	0.82	ppb
Titanium	47-1	1149.15	1176.64	1156.59	1160.79	1.23	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:34:14	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.81	0.82	0.82	1.58	ppb
Vanadium	51-2	94.83	95.51	97.04	95.79	1.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	237.25	239.69	244.54	240.49	1.54	ppb
Zirconium	90-1	14.51	14.86	14.76	14.71	1.23	ppb
Zirconium	91-1	14.84	14.78	14.98	14.86	0.69	ppb

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:37:26	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37886.79	37893.92	37622.98	37801.23	0.41	ppb
Antimony	121-1	0.56	0.53	0.58	0.56	4.58	ppb
Arsenic	75-2	59.99	58.90	60.93	59.94	1.69	ppb
Barium	135-1	298.47	300.97	303.54	300.99	0.84	ppb
Barium	137-1	297.22	300.01	302.35	299.86	0.86	ppb
Beryllium	9-1	1.67	1.55	1.44	1.55	7.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	2.34	2.45	2.36	3.33	ppb
Cadmium	106-1	3.22	3.32	3.19	3.25	2.14	ppb
Cadmium	111-1	1.16	1.04	1.14	1.12	5.51	ppb
Calcium	43-1	15410.06	15499.66	15762.24	15557.32	1.18	ppb
Calcium	44-1	14632.50	14496.64	14852.87	14660.67	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.18	46.00	45.77	45.98	0.44	ppb
Cobalt	59-2	31.47	31.94	31.79	31.74	0.76	ppb
Copper	63-2	109.92	112.04	110.63	110.87	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	68883.01	69719.79	69171.78	69258.19	0.61	ppb
Iron	57-2	68380.95	69272.12	68231.49	68628.19	0.82	ppb
Iron	54-2	68829.12	68976.36	69005.26	68936.91	0.14	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:37:26	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.03	45.01	44.06	44.36	1.26	ppb
Lead	207-1	44.43	45.50	44.78	44.90	1.21	ppb
Lead	208-1	43.97	44.82	44.39	44.39	0.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	14156.42	14188.40	13899.16	14081.33	1.13	ppb
Manganese	55-2	1628.52	1639.57	1605.97	1624.69	1.05	ppb
Molybdenum	94-1	27.22	28.51	28.09	27.94	2.35	ppb
Molybdenum	95-1	0.71	0.71	0.71	0.71	0.54	ppb
Molybdenum	96-1	4.01	4.03	4.02	4.02	0.28	ppb
Molybdenum	97-1	0.65	0.66	0.66	0.66	1.23	ppb
Molybdenum	98-1	0.68	0.65	0.71	0.68	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.81	44.28	45.18	44.76	1.01	ppb
Phosphorus	31-2	2238.05	2285.98	2339.75	2287.93	2.22	ppb
Potassium	39-2	9026.24	8943.97	8891.03	8953.74	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.20	0.56	0.44	0.40	45.39	ppb
Selenium	77-2	19.17	14.88	19.88	17.98	15.04	ppb
Selenium	78-2	2.33	1.95	4.41	2.90	45.78	ppb
Silicon	28-1	1596.68	1601.45	1635.77	1611.30	1.32	ppb
Silver	107-1	0.42	0.44	0.44	0.43	2.88	ppb
Silver	109-1	0.41	0.41	0.45	0.42	5.33	ppb
Sodium	23-2	436.25	439.08	438.17	437.83	0.33	ppb
Strontium	86-1	58.14	59.99	59.32	59.15	1.58	ppb
Strontium	88-1	59.05	59.49	59.47	59.33	0.42	ppb
Sulfur	34-1	-1400.03	-1579.51	-1477.17	-1485.57		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.30	0.31	0.31	0.31	0.83	ppb
Thallium	205-1	0.33	0.31	0.29	0.31	6.44	ppb
Tin	118-1	1.51	1.58	1.64	1.58	4.13	ppb
Titanium	47-1	1188.82	1195.84	1210.03	1198.23	0.90	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:37:26	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	0.88	0.86	2.00	ppb
Vanadium	51-2	101.66	103.25	101.81	102.24	0.86	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	237.92	242.98	240.72	240.54	1.05	ppb
Zirconium	90-1	15.37	15.67	15.66	15.57	1.08	ppb
Zirconium	91-1	15.46	15.68	15.55	15.56	0.72	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 15:40:40	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7198.32	7184.79	7223.84	7202.32	0.28	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	1.46	ppb
Arsenic	75-2	10.81	11.26	10.77	10.95	2.48	ppb
Barium	135-1	53.53	53.67	53.78	53.66	0.23	ppb
Barium	137-1	54.00	53.60	53.87	53.82	0.38	ppb
Beryllium	9-1	0.29	0.28	0.36	0.31	13.76	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.73	0.32	0.44	0.50	42.15	ppb
Cadmium	106-1	0.50	-0.16	-0.89	-0.18		ppb
Cadmium	111-1	0.21	0.16	0.11	0.16	33.30	ppb
Calcium	43-1	2892.28	2915.38	2858.15	2888.60	1.00	ppb
Calcium	44-1	2948.49	2993.12	2973.25	2971.62	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.20	8.02	8.33	8.18	1.91	ppb
Cobalt	59-2	5.93	5.98	6.02	5.98	0.73	ppb
Copper	63-2	21.05	20.71	21.07	20.94	0.96	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				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	13132.96	12952.34	13126.58	13070.63	0.78	ppb
Iron	57-2	13485.48	13335.83	13620.99	13480.77	1.06	ppb
Iron	54-2	13556.52	13347.93	13577.10	13493.85	0.94	ppb
Krypton	83-1						cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 15:40:40	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.70	7.86	7.68	7.75	1.31	ppb
Lead	207-1	7.84	7.97	7.79	7.87	1.18	ppb
Lead	208-1	7.66	7.78	7.71	7.72	0.84	ppb
Lithium	6-1				101		%
Magnesium	24-2	2706.39	2700.43	2739.44	2715.42	0.77	ppb
Manganese	55-2	306.92	302.82	307.12	305.62	0.79	ppb
Molybdenum	94-1	5.54	5.38	5.32	5.41	2.12	ppb
Molybdenum	95-1	0.14	0.13	0.15	0.14	5.19	ppb
Molybdenum	96-1	0.81	0.78	0.77	0.79	2.22	ppb
Molybdenum	97-1	0.17	0.12	0.18	0.15	21.55	ppb
Molybdenum	98-1	0.15	0.14	0.14	0.14	2.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.21	8.35	8.18	8.25	1.11	ppb
Phosphorus	31-2	400.45	422.02	422.70	415.06	3.05	ppb
Potassium	39-2	1773.82	1775.78	1793.88	1781.16	0.62	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	82-1	0.04	0.27	0.05	0.12	107.13	ppb
Selenium	77-2	2.59	2.13	3.04	2.59	17.49	ppb
Selenium	78-2	-0.25	-1.07	-0.36	-0.56		ppb
Silicon	28-1	311.11	317.17	313.39	313.89	0.98	ppb
Silver	107-1	0.07	0.06	0.09	0.07	19.34	ppb
Silver	109-1	0.06	0.09	0.08	0.08	15.53	ppb
Sodium	23-2	141.48	141.54	143.31	142.11	0.73	ppb
Strontium	86-1	11.52	11.13	11.25	11.30	1.75	ppb
Strontium	88-1	11.47	11.41	11.38	11.42	0.41	ppb
Sulfur	34-1	-1843.47	-1915.67	-1933.01	-1897.38		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.04	0.05	0.05	12.76	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	4.03	ppb
Tin	118-1	0.38	0.30	0.33	0.34	10.91	ppb
Titanium	47-1	231.89	234.94	234.95	233.92	0.75	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 15:40:40	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.17	0.16	0.16	2.68	ppb
Vanadium	51-2	18.75	18.81	19.07	18.88	0.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	46.75	47.52	49.34	47.87	2.78	ppb
Zirconium	90-1	3.01	2.96	2.92	2.96	1.49	ppb
Zirconium	91-1	3.06	2.97	3.01	3.01	1.43	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:44:00	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38716.33	39205.56	38463.42	38795.10	0.97	ppb
Antimony	121-1	59.86	61.10	59.81	60.26	1.21	ppb
Arsenic	75-2	81.46	82.70	80.25	81.47	1.50	ppb
Barium	135-1	1536.96	1560.10	1506.52	1534.53	1.75	ppb
Barium	137-1	1507.18	1544.66	1513.17	1521.67	1.32	ppb
Beryllium	9-1	31.78	31.25	29.89	30.97	3.15	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	30.02	30.69	29.70	30.14	1.68	ppb
Cadmium	106-1	28.76	31.88	30.43	30.36	5.15	ppb
Cadmium	111-1	32.11	33.33	32.84	32.76	1.87	ppb
Calcium	43-1	15322.33	15507.72	15179.70	15336.58	1.07	ppb
Calcium	44-1	14583.45	14637.78	14538.66	14586.63	0.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.26	166.52	163.91	165.56	0.87	ppb
Cobalt	59-2	330.36	329.61	329.14	329.71	0.19	ppb
Copper	63-2	251.23	253.26	250.14	251.54	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				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	71090.60	70701.61	70150.60	70647.60	0.67	ppb
Iron	57-2	70682.10	70304.85	69002.30	69996.42	1.26	ppb
Iron	54-2	70520.68	71076.44	70043.39	70546.83	0.73	ppb
Krypton	83-1						cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:44:00	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.52	53.82	55.79	54.38	2.27	ppb
Lead	207-1	54.76	55.02	56.09	55.29	1.28	ppb
Lead	208-1	53.87	54.17	55.73	54.59	1.83	ppb
Lithium	6-1				102		%
Magnesium	24-2	14092.24	14305.20	14046.70	14148.05	0.98	ppb
Manganese	55-2	1929.85	1948.37	1921.20	1933.14	0.72	ppb
Molybdenum	94-1	28.23	28.03	28.72	28.33	1.26	ppb
Molybdenum	95-1	0.67	0.69	0.69	0.68	1.85	ppb
Molybdenum	96-1	4.05	4.12	4.11	4.09	0.93	ppb
Molybdenum	97-1	0.69	0.61	0.68	0.66	6.83	ppb
Molybdenum	98-1	0.68	0.68	0.73	0.69	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	351.20	350.74	348.83	350.26	0.36	ppb
Phosphorus	31-2	2392.15	2329.05	2377.22	2366.14	1.39	ppb
Potassium	39-2	9038.48	8895.68	8948.27	8960.81	0.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	33.84	34.81	34.47	34.38	1.43	ppb
Selenium	77-2	47.92	54.92	47.33	50.06	8.44	ppb
Selenium	78-2	39.98	33.97	34.05	36.00	9.58	ppb
Silicon	28-1	1668.15	1669.67	1655.30	1664.37	0.47	ppb
Silver	107-1	30.68	31.57	30.65	30.97	1.70	ppb
Silver	109-1	30.78	31.25	30.31	30.78	1.53	ppb
Sodium	23-2	422.42	423.25	424.35	423.34	0.23	ppb
Strontium	86-1	59.79	59.21	60.06	59.69	0.72	ppb
Strontium	88-1	59.48	59.94	60.03	59.82	0.49	ppb
Sulfur	34-1	-1705.14	-1736.37	-1796.35	-1745.95		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	27.42	27.22	27.99	27.54	1.46	ppb
Thallium	205-1	26.52	26.70	27.22	26.81	1.37	ppb
Tin	118-1	1.38	1.50	1.42	1.44	4.30	ppb
Titanium	47-1	1225.65	1231.95	1209.49	1222.37	0.95	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:44:00	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.90	0.89	0.88	1.38	ppb
Vanadium	51-2	396.48	397.62	392.07	395.39	0.74	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	533.50	535.38	528.51	532.46	0.67	ppb
Zirconium	90-1	15.71	15.63	15.95	15.76	1.05	ppb
Zirconium	91-1	15.66	15.76	15.56	15.66	0.64	ppb

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:47:12	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42269.39	41828.26	41244.76	41780.81	1.23	ppb
Antimony	121-1	294.11	296.54	296.01	295.55	0.43	ppb
Arsenic	75-2	162.26	161.38	162.64	162.10	0.40	ppb
Barium	135-1	6153.25	6131.18	6126.53	6136.99	0.23	ppb
Barium	137-1	6182.16	6129.50	6200.22	6170.63	0.60	ppb
Beryllium	9-1	141.31	141.78	139.34	140.81	0.92	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.41	133.93	135.39	134.91	0.63	ppb
Cadmium	106-1	126.59	131.42	130.04	129.35	1.92	ppb
Cadmium	111-1	148.64	148.66	152.51	149.94	1.49	ppb
Calcium	43-1	15166.97	14925.47	14877.46	14989.97	1.04	ppb
Calcium	44-1	14352.72	14261.40	14173.04	14262.39	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	645.04	636.98	632.71	638.24	0.98	ppb
Cobalt	59-2	1544.97	1517.30	1506.51	1522.92	1.30	ppb
Copper	63-2	836.14	831.28	825.40	830.94	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				100		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	71830.61	71139.52	70858.76	71276.29	0.70	ppb
Iron	57-2	71114.23	70170.27	70569.30	70617.93	0.67	ppb
Iron	54-2	72292.32	71328.67	70883.52	71501.50	1.01	ppb
Krypton	83-1						cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:47:12	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	92.99	94.09	95.14	94.07	1.14	ppb
Lead	207-1	94.98	95.92	96.05	95.65	0.61	ppb
Lead	208-1	93.87	94.73	95.66	94.75	0.94	ppb
Lithium	6-1				102		%
Magnesium	24-2	13934.18	13664.36	13877.15	13825.23	1.03	ppb
Manganese	55-2	3071.51	3010.93	2996.76	3026.40	1.31	ppb
Molybdenum	94-1	27.32	27.61	28.31	27.75	1.84	ppb
Molybdenum	95-1	0.64	0.68	0.67	0.66	3.32	ppb
Molybdenum	96-1	3.98	3.96	4.11	4.02	1.99	ppb
Molybdenum	97-1	0.67	0.74	0.69	0.70	4.64	ppb
Molybdenum	98-1	0.69	0.67	0.69	0.68	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1565.20	1544.85	1538.68	1549.58	0.90	ppb
Phosphorus	31-2	2311.89	2270.26	2188.66	2256.94	2.78	ppb
Potassium	39-2	8877.29	8874.04	8738.13	8829.82	0.90	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	308.97	313.48	313.26	311.91	0.82	ppb
Selenium	77-2	309.78	332.19	331.47	324.48	3.92	ppb
Selenium	78-2	318.84	303.10	304.40	308.78	2.83	ppb
Silicon	28-1	1644.48	1601.18	1604.17	1616.61	1.50	ppb
Silver	107-1	149.14	148.15	149.97	149.08	0.61	ppb
Silver	109-1	146.64	147.97	148.24	147.62	0.58	ppb
Sodium	23-2	410.87	411.29	409.12	410.43	0.28	ppb
Strontium	86-1	56.93	58.14	57.97	57.68	1.14	ppb
Strontium	88-1	57.36	58.20	58.39	57.98	0.94	ppb
Sulfur	34-1	-1630.26	-1810.02	-1799.12	-1746.47		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	131.52	131.45	132.69	131.89	0.53	ppb
Thallium	205-1	145.45	145.22	147.76	146.14	0.96	ppb
Tin	118-1	1.27	1.39	1.40	1.35	5.21	ppb
Titanium	47-1	1202.72	1186.64	1194.67	1194.68	0.67	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:47:12	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.85	0.86	0.83	ppb
Vanadium	51-2	1548.47	1533.47	1516.70	1532.88	1.04	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1695.90	1664.01	1658.51	1672.80	1.21	ppb
Zirconium	90-1	15.07	15.39	15.33	15.26	1.12	ppb
Zirconium	91-1	14.81	15.27	15.38	15.15	2.01	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-11	Instrumnet Name :	P7
Client Sample ID :	MYD4L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:50:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43106.80	44168.21	43064.31	43446.44	1.44	ppb
Antimony	121-1	0.54	0.46	0.50	0.50	8.04	ppb
Arsenic	75-2	40.95	39.81	38.62	39.79	2.92	ppb
Barium	135-1	272.05	276.63	290.46	279.71	3.43	ppb
Barium	137-1	272.34	277.82	288.83	279.66	3.00	ppb
Beryllium	9-1	1.52	1.38	1.39	1.43	5.37	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.92	1.07	1.18	1.05	12.37	ppb
Cadmium	106-1	2.12	2.20	1.91	2.08	7.24	ppb
Cadmium	111-1	0.51	0.52	0.49	0.51	2.86	ppb
Calcium	43-1	31118.16	31252.71	33178.94	31849.94	3.62	ppb
Calcium	44-1	29677.48	29820.08	31314.60	30270.72	3.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.51	32.44	32.39	32.45	0.18	ppb
Cobalt	59-2	39.42	39.77	39.73	39.64	0.47	ppb
Copper	63-2	77.65	77.87	77.40	77.64	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	97228.69	97615.54	97245.94	97363.39	0.22	ppb
Iron	57-2	96191.77	96940.61	96376.72	96503.03	0.40	ppb
Iron	54-2	96191.80	98180.84	96790.93	97054.52	1.05	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-11	Instrumnet Name :	P7
Client Sample ID :	MYD4L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:50:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.92	22.51	23.62	22.69	3.80	ppb
Lead	207-1	21.45	21.47	23.22	22.05	4.62	ppb
Lead	208-1	21.51	21.83	23.23	22.19	4.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	21478.89	21522.65	21446.02	21482.52	0.18	ppb
Manganese	55-2	2218.66	2259.48	2233.30	2237.14	0.92	ppb
Molybdenum	94-1	15.06	15.39	16.17	15.54	3.65	ppb
Molybdenum	95-1	0.47	0.58	0.55	0.53	10.02	ppb
Molybdenum	96-1	2.72	2.66	2.93	2.77	5.08	ppb
Molybdenum	97-1	0.46	0.51	0.52	0.50	6.16	ppb
Molybdenum	98-1	0.45	0.47	0.51	0.48	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.45	43.54	43.38	43.45	0.19	ppb
Phosphorus	31-2	4087.93	4040.97	3998.90	4042.60	1.10	ppb
Potassium	39-2	5141.01	5228.32	5134.83	5168.05	1.01	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				98		%
Selenium	82-1	0.48	0.23	0.51	0.41	37.90	ppb
Selenium	77-2	12.93	12.63	15.15	13.57	10.13	ppb
Selenium	78-2	2.54	3.45	1.84	2.61	30.83	ppb
Silicon	28-1	1745.55	1749.26	1854.96	1783.25	3.48	ppb
Silver	107-1	0.24	0.21	0.21	0.22	6.50	ppb
Silver	109-1	0.22	0.19	0.20	0.20	7.07	ppb
Sodium	23-2	390.44	397.30	398.52	395.42	1.10	ppb
Strontium	86-1	69.82	72.51	76.08	72.80	4.31	ppb
Strontium	88-1	70.79	72.87	76.58	73.41	3.99	ppb
Sulfur	34-1	-1794.57	-1775.01	-1628.95	-1732.84		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.24	0.22	0.22	0.23	5.61	ppb
Thallium	205-1	0.23	0.23	0.24	0.23	2.31	ppb
Tin	118-1	0.84	0.84	0.85	0.84	0.77	ppb
Titanium	47-1	800.65	811.38	851.82	821.28	3.29	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-11	Instrumnet Name :	P7
Client Sample ID :	MYD4L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:50:15	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.66	0.66	0.72	0.68	4.85	ppb
Vanadium	51-2	145.10	146.97	144.88	145.65	0.79	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	198.49	202.93	199.00	200.14	1.21	ppb
Zirconium	90-1	8.18	8.43	8.88	8.50	4.16	ppb
Zirconium	91-1	8.13	8.47	8.71	8.43	3.48	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-12	Instrumnet Name :	P7
Client Sample ID :	MYD4L2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:53:31	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43180.61	42115.56	42519.08	42605.08	1.26	ppb
Antimony	121-1	0.37	0.39	0.38	0.38	3.11	ppb
Arsenic	75-2	62.50	65.00	63.20	63.57	2.03	ppb
Barium	135-1	249.07	253.54	251.95	251.52	0.90	ppb
Barium	137-1	249.30	254.20	254.01	252.50	1.10	ppb
Beryllium	9-1	1.51	1.43	1.31	1.42	7.17	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	1.92	1.66	1.82	7.80	ppb
Cadmium	106-1	2.52	1.95	1.16	1.87	36.39	ppb
Cadmium	111-1	0.78	0.77	0.73	0.76	3.42	ppb
Calcium	43-1	36531.54	36842.93	36794.79	36723.09	0.46	ppb
Calcium	44-1	34927.14	34900.74	34991.68	34939.85	0.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.81	44.89	45.29	45.33	1.01	ppb
Cobalt	59-2	41.51	40.95	41.35	41.27	0.70	ppb
Copper	63-2	110.46	108.70	111.05	110.07	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	118435.26	116453.69	117372.94	117420.63	0.84	ppb
Iron	57-2	115456.86	114453.15	116403.69	115437.90	0.84	ppb
Iron	54-2	118078.46	116825.38	116546.77	117150.21	0.70	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-12	Instrumnet Name :	P7
Client Sample ID :	MYD4L2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:53:31	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.76	33.68	33.13	32.86	3.01	ppb
Lead	207-1	32.23	34.08	33.33	33.21	2.80	ppb
Lead	208-1	31.88	33.51	32.92	32.77	2.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	20084.81	19744.70	19964.25	19931.25	0.87	ppb
Manganese	55-2	2012.10	1996.12	2010.98	2006.40	0.44	ppb
Molybdenum	94-1	16.35	16.70	16.59	16.55	1.07	ppb
Molybdenum	95-1	0.63	0.63	0.65	0.64	2.46	ppb
Molybdenum	96-1	3.07	3.05	3.03	3.05	0.64	ppb
Molybdenum	97-1	0.61	0.69	0.63	0.64	6.30	ppb
Molybdenum	98-1	0.55	0.56	0.59	0.57	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.10	43.07	44.88	44.02	2.06	ppb
Phosphorus	31-2	7139.41	7155.86	7168.91	7154.73	0.21	ppb
Potassium	39-2	4958.80	4908.92	4874.41	4914.04	0.86	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.09	0.63	-0.11	0.14	294.78	ppb
Selenium	77-2	18.99	17.40	22.24	19.55	12.64	ppb
Selenium	78-2	2.54	1.95	3.86	2.78	35.22	ppb
Silicon	28-1	1666.54	1675.16	1678.64	1673.45	0.37	ppb
Silver	107-1	0.17	0.17	0.18	0.17	2.92	ppb
Silver	109-1	0.16	0.17	0.19	0.17	10.88	ppb
Sodium	23-2	862.94	844.46	862.34	856.58	1.23	ppb
Strontium	86-1	75.83	77.96	77.20	77.00	1.40	ppb
Strontium	88-1	76.61	78.11	77.09	77.27	0.99	ppb
Sulfur	34-1	-1578.33	-1626.66	-1670.31	-1625.10		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.22	0.23	0.23	0.23	1.61	ppb
Thallium	205-1	0.20	0.23	0.22	0.22	6.71	ppb
Tin	118-1	0.70	0.71	0.65	0.69	4.58	ppb
Titanium	47-1	860.92	871.15	870.04	867.37	0.65	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-12	Instrumnet Name :	P7
Client Sample ID :	MYD4L2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:53:31	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.59	0.58	0.57	2.83	ppb
Vanadium	51-2	149.74	147.68	150.00	149.14	0.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	228.22	222.18	230.14	226.85	1.83	ppb
Zirconium	90-1	8.91	9.22	9.07	9.07	1.70	ppb
Zirconium	91-1	9.08	9.14	9.12	9.11	0.32	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-13	Instrumnet Name :	P7
Client Sample ID :	MYD4L3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:56:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33203.66	33677.96	33813.72	33565.11	0.95	ppb
Antimony	121-1	0.31	0.26	0.26	0.28	9.57	ppb
Arsenic	75-2	41.96	40.97	41.05	41.33	1.32	ppb
Barium	135-1	225.08	196.64	207.62	209.78	6.84	ppb
Barium	137-1	225.55	197.47	209.71	210.91	6.67	ppb
Beryllium	9-1	1.04	0.73	0.90	0.89	17.54	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.67	0.52	0.42	0.54	23.71	ppb
Cadmium	106-1	0.71	-0.67	0.57	0.20	375.47	ppb
Cadmium	111-1	0.29	0.19	0.30	0.26	22.92	ppb
Calcium	43-1	61836.96	56634.09	58473.50	58981.51	4.47	ppb
Calcium	44-1	59162.34	54173.58	55298.39	56211.44	4.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.24	27.69	27.90	27.61	1.22	ppb
Cobalt	59-2	29.33	29.89	29.52	29.58	0.96	ppb
Copper	63-2	69.46	70.34	70.80	70.20	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	68422.85	69110.82	68646.88	68726.85	0.51	ppb
Iron	57-2	68272.16	69654.52	68923.29	68949.99	1.00	ppb
Iron	54-2	68200.28	68707.11	68228.86	68378.75	0.42	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-13	Instrumnet Name :	P7
Client Sample ID :	MYD4L3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:56:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.60	12.70	13.04	13.45	7.55	ppb
Lead	207-1	13.43	11.78	12.48	12.56	6.60	ppb
Lead	208-1	13.76	12.04	12.60	12.80	6.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	14158.46	14463.51	14280.15	14300.71	1.07	ppb
Manganese	55-2	1416.04	1423.06	1419.15	1419.42	0.25	ppb
Molybdenum	94-1	7.26	6.53	6.79	6.86	5.40	ppb
Molybdenum	95-1	0.55	0.54	0.59	0.56	4.85	ppb
Molybdenum	96-1	1.76	1.56	1.68	1.67	6.03	ppb
Molybdenum	97-1	0.60	0.53	0.56	0.57	6.15	ppb
Molybdenum	98-1	0.57	0.51	0.56	0.55	5.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.76	32.16	31.45	31.46	2.22	ppb
Phosphorus	31-2	2392.11	2444.57	2470.77	2435.82	1.64	ppb
Potassium	39-2	3114.42	3151.19	3154.18	3139.93	0.71	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.23	-0.25	0.30	0.09	321.25	ppb
Selenium	77-2	12.07	16.60	14.51	14.39	15.77	ppb
Selenium	78-2	-0.01	2.95	0.32	1.09	148.92	ppb
Silicon	28-1	1851.09	1706.11	1749.14	1768.78	4.21	ppb
Silver	107-1	0.14	0.12	0.14	0.13	8.43	ppb
Silver	109-1	0.13	0.12	0.14	0.13	7.72	ppb
Sodium	23-2	1267.39	1293.06	1289.59	1283.34	1.09	ppb
Strontium	86-1	71.16	64.29	67.34	67.60	5.09	ppb
Strontium	88-1	71.54	64.28	66.95	67.59	5.44	ppb
Sulfur	34-1	-1090.19	-1448.29	-1348.38	-1295.62		ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.16	0.13	0.16	0.15	10.33	ppb
Thallium	205-1	0.16	0.13	0.14	0.15	10.22	ppb
Tin	118-1	0.62	0.59	0.60	0.60	2.30	ppb
Titanium	47-1	820.71	744.47	773.48	779.56	4.94	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-13	Instrumnet Name :	P7
Client Sample ID :	MYD4L3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:56:44	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.58	0.51	0.54	0.55	6.62	ppb
Vanadium	51-2	110.94	111.59	110.70	111.08	0.42	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	119.00	121.55	121.48	120.67	1.20	ppb
Zirconium	90-1	3.88	3.39	3.59	3.62	6.92	ppb
Zirconium	91-1	3.95	3.36	3.67	3.66	8.11	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-14	Instrumnet Name :	P7
Client Sample ID :	MYD4L4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:59:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31204.33	31624.16	30910.27	31246.25	1.15	ppb
Antimony	121-1	0.48	0.54	0.54	0.52	6.45	ppb
Arsenic	75-2	52.58	53.94	55.15	53.89	2.39	ppb
Barium	135-1	263.08	264.72	269.65	265.81	1.29	ppb
Barium	137-1	263.87	265.20	268.71	265.93	0.94	ppb
Beryllium	9-1	1.24	1.15	1.07	1.15	7.11	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.29	1.34	1.45	1.36	5.74	ppb
Cadmium	106-1	1.67	1.03	-0.06	0.88	99.60	ppb
Cadmium	111-1	0.55	0.48	0.32	0.45	26.82	ppb
Calcium	43-1	14513.82	14653.95	14678.68	14615.48	0.61	ppb
Calcium	44-1	13842.93	14054.63	14066.47	13988.01	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.95	39.24	38.66	38.95	0.74	ppb
Cobalt	59-2	43.67	43.99	43.61	43.76	0.47	ppb
Copper	63-2	89.63	91.06	89.55	90.08	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	91943.73	91696.48	91042.87	91561.03	0.51	ppb
Iron	57-2	90338.82	90289.18	89326.66	89984.89	0.63	ppb
Iron	54-2	91616.92	91138.78	90725.55	91160.42	0.49	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-14	Instrumnet Name :	P7
Client Sample ID :	MYD4L4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:59:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	30.59	31.43	30.87	30.97	1.38	ppb
Lead	207-1	30.30	30.35	30.35	30.33	0.09	ppb
Lead	208-1	30.01	30.58	30.17	30.25	0.98	ppb
Lithium	6-1				97		%
Magnesium	24-2	13791.09	13915.13	13729.44	13811.89	0.68	ppb
Manganese	55-2	1622.69	1650.75	1650.70	1641.38	0.99	ppb
Molybdenum	94-1	17.78	17.97	18.55	18.10	2.22	ppb
Molybdenum	95-1	0.81	0.80	0.85	0.82	3.25	ppb
Molybdenum	96-1	3.24	3.37	3.33	3.31	2.03	ppb
Molybdenum	97-1	0.86	0.89	0.84	0.86	3.16	ppb
Molybdenum	98-1	0.82	0.83	0.83	0.83	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.20	42.70	42.48	42.80	0.86	ppb
Phosphorus	31-2	2390.33	2358.20	2295.56	2348.03	2.05	ppb
Potassium	39-2	5389.85	5371.47	5425.72	5395.68	0.51	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	82-1	0.20	0.56	0.65	0.47	51.22	ppb
Selenium	77-2	17.32	11.41	10.56	13.10	28.15	ppb
Selenium	78-2	0.89	2.39	0.01	1.10	109.52	ppb
Silicon	28-1	1831.52	1843.88	1851.91	1842.44	0.56	ppb
Silver	107-1	0.14	0.15	0.16	0.15	7.94	ppb
Silver	109-1	0.16	0.15	0.17	0.16	7.37	ppb
Sodium	23-2	364.53	368.14	368.77	367.14	0.62	ppb
Strontium	86-1	62.07	62.53	63.05	62.55	0.79	ppb
Strontium	88-1	63.40	63.32	64.09	63.60	0.67	ppb
Sulfur	34-1	-1533.52	-1811.38	-1948.88	-1764.59		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.21	0.21	0.19	0.20	5.47	ppb
Thallium	205-1	0.20	0.19	0.20	0.20	2.29	ppb
Tin	118-1	0.72	0.77	0.77	0.75	3.53	ppb
Titanium	47-1	1136.21	1144.70	1150.60	1143.84	0.63	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-14	Instrumnet Name :	P7
Client Sample ID :	MYD4L4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:59:58	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.78	0.76	0.76	2.72	ppb
Vanadium	51-2	163.81	164.37	161.27	163.15	1.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	192.29	190.84	188.77	190.63	0.93	ppb
Zirconium	90-1	9.90	9.84	9.98	9.91	0.70	ppb
Zirconium	91-1	9.86	9.98	10.02	9.95	0.84	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-15	Instrumnet Name :	P7
Client Sample ID :	MYD4L5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:03:10	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30738.89	30616.97	30345.84	30567.23	0.66	ppb
Antimony	121-1	0.90	0.94	0.93	0.92	2.62	ppb
Arsenic	75-2	98.99	96.34	94.59	96.64	2.29	ppb
Barium	135-1	267.90	268.53	267.12	267.85	0.26	ppb
Barium	137-1	263.83	269.00	269.20	267.35	1.14	ppb
Beryllium	9-1	1.27	1.25	1.18	1.23	3.76	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.28	4.30	3.14	3.57	17.72	ppb
Cadmium	106-1	3.60	3.19	3.81	3.53	8.91	ppb
Cadmium	111-1	3.01	2.69	2.89	2.86	5.68	ppb
Calcium	43-1	11804.22	11835.35	12200.13	11946.56	1.84	ppb
Calcium	44-1	11237.25	11286.17	11559.65	11361.02	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.71	33.44	33.69	33.61	0.44	ppb
Cobalt	59-2	39.52	39.65	39.35	39.51	0.37	ppb
Copper	63-2	276.10	275.92	273.94	275.32	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				101		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	82539.74	83342.99	81727.73	82536.82	0.98	ppb
Iron	57-2	81649.41	81732.49	81599.40	81660.43	0.08	ppb
Iron	54-2	82696.84	82629.12	82382.94	82569.63	0.20	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-15	Instrumnet Name :	P7
Client Sample ID :	MYD4L5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:03:10	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	83.24	83.08	83.73	83.35	0.40	ppb
Lead	207-1	82.93	86.20	85.15	84.76	1.97	ppb
Lead	208-1	82.31	84.25	83.87	83.48	1.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	11811.49	11609.67	11690.50	11703.89	0.87	ppb
Manganese	55-2	2204.80	2222.61	2207.97	2211.79	0.43	ppb
Molybdenum	94-1	21.13	21.33	21.64	21.37	1.21	ppb
Molybdenum	95-1	0.97	0.99	0.97	0.98	0.83	ppb
Molybdenum	96-1	3.59	3.75	3.71	3.68	2.35	ppb
Molybdenum	97-1	0.98	0.89	0.98	0.95	5.30	ppb
Molybdenum	98-1	0.95	0.96	0.97	0.96	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.37	35.42	34.61	34.80	1.58	ppb
Phosphorus	31-2	2273.60	2331.90	2371.67	2325.72	2.12	ppb
Potassium	39-2	7259.34	7273.13	7193.56	7242.01	0.59	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	0.49	1.03	0.59	0.70	41.03	ppb
Selenium	77-2	13.69	18.24	14.38	15.44	15.89	ppb
Selenium	78-2	1.22	1.54	2.65	1.81	41.55	ppb
Silicon	28-1	1736.09	1730.04	1765.19	1743.77	1.08	ppb
Silver	107-1	0.66	0.68	0.69	0.68	2.33	ppb
Silver	109-1	0.66	0.67	0.67	0.67	0.56	ppb
Sodium	23-2	380.15	381.57	381.60	381.11	0.22	ppb
Strontium	86-1	55.77	56.05	55.79	55.87	0.28	ppb
Strontium	88-1	55.71	56.37	56.44	56.17	0.72	ppb
Sulfur	34-1	-2196.48	-2333.71	-2305.32	-2278.50		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.27	0.28	0.28	0.28	1.92	ppb
Thallium	205-1	0.28	0.26	0.25	0.26	4.40	ppb
Tin	118-1	1.20	1.24	1.23	1.23	1.63	ppb
Titanium	47-1	1895.45	1900.86	1937.02	1911.11	1.18	ppb

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-15	Instrumnet Name :	P7
Client Sample ID :	MYD4L5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:03:10	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.92	0.88	0.89	2.47	ppb
Vanadium	51-2	142.94	142.43	141.69	142.36	0.44	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	363.46	364.05	363.00	363.50	0.14	ppb
Zirconium	90-1	11.56	11.67	11.58	11.60	0.52	ppb
Zirconium	91-1	11.43	11.57	11.67	11.56	1.02	ppb

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-16	Instrumnet Name :	P7
Client Sample ID :	MYD4L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:06:24	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33139.83	32756.51	33572.78	33156.37	1.23	ppb
Antimony	121-1	0.36	0.36	0.37	0.36	1.47	ppb
Arsenic	75-2	35.10	34.01	34.74	34.62	1.61	ppb
Barium	135-1	238.11	241.08	243.63	240.94	1.15	ppb
Barium	137-1	240.71	242.98	246.30	243.33	1.16	ppb
Beryllium	9-1	1.06	1.17	1.03	1.09	7.05	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	1.20	0.93	1.01	15.79	ppb
Cadmium	106-1	0.79	0.71	0.62	0.71	11.57	ppb
Cadmium	111-1	0.34	0.28	0.32	0.31	8.84	ppb
Calcium	43-1	52607.96	52696.97	53308.07	52871.00	0.72	ppb
Calcium	44-1	50560.76	50169.44	50940.79	50557.00	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	30.44	30.43	31.20	30.69	1.44	ppb
Cobalt	59-2	38.57	39.61	39.57	39.25	1.50	ppb
Copper	63-2	75.29	76.24	76.04	75.86	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				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				87		%
Iron	56-2	77170.06	77901.55	77551.09	77540.90	0.47	ppb
Iron	57-2	77640.39	78305.44	77468.41	77804.75	0.57	ppb
Iron	54-2	77200.21	76938.51	77749.25	77295.99	0.54	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-16	Instrumnet Name :	P7
Client Sample ID :	MYD4L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:06:24	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	20.69	20.81	20.86	20.79	0.43	ppb
Lead	207-1	20.00	20.01	19.95	19.99	0.16	ppb
Lead	208-1	20.00	20.04	20.15	20.06	0.39	ppb
Lithium	6-1				97		%
Magnesium	24-2	18286.21	18525.89	18376.75	18396.28	0.66	ppb
Manganese	55-2	1832.92	1837.54	1836.42	1835.62	0.13	ppb
Molybdenum	94-1	12.64	12.67	13.05	12.79	1.80	ppb
Molybdenum	95-1	0.52	0.52	0.54	0.53	1.72	ppb
Molybdenum	96-1	2.31	2.39	2.41	2.37	2.12	ppb
Molybdenum	97-1	0.47	0.52	0.57	0.52	9.06	ppb
Molybdenum	98-1	0.47	0.51	0.48	0.49	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.62	41.02	41.40	41.01	0.95	ppb
Phosphorus	31-2	2723.05	2720.18	2750.90	2731.38	0.62	ppb
Potassium	39-2	3384.79	3422.60	3433.94	3413.78	0.75	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	0.14	0.28	0.83	0.42	88.06	ppb
Selenium	77-2	14.40	11.93	10.73	12.35	15.15	ppb
Selenium	78-2	0.45	1.07	-0.03	0.50	110.93	ppb
Silicon	28-1	1675.62	1671.45	1689.65	1678.91	0.57	ppb
Silver	107-1	0.11	0.11	0.15	0.12	18.65	ppb
Silver	109-1	0.11	0.12	0.12	0.12	4.34	ppb
Sodium	23-2	371.27	374.48	372.16	372.64	0.44	ppb
Strontium	86-1	57.38	57.54	56.88	57.27	0.60	ppb
Strontium	88-1	57.23	57.74	57.34	57.43	0.46	ppb
Sulfur	34-1	-1751.48	-1555.20	-1416.36	-1574.35		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.18	0.17	0.14	0.16	10.42	ppb
Thallium	205-1	0.15	0.14	0.15	0.14	3.54	ppb
Tin	118-1	0.73	0.71	0.74	0.73	1.98	ppb
Titanium	47-1	913.39	906.92	916.53	912.28	0.54	ppb

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-16	Instrumnet Name :	P7
Client Sample ID :	MYD4L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:06:24	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.52	0.54	0.54	0.53	2.50	ppb
Vanadium	51-2	132.97	133.82	134.63	133.81	0.62	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	155.61	159.15	159.61	158.13	1.38	ppb
Zirconium	90-1	6.91	7.06	6.88	6.95	1.40	ppb
Zirconium	91-1	7.24	7.10	6.89	7.08	2.50	ppb

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-17	Instrumnet Name :	P7
Client Sample ID :	MYD4L7	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:09:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35868.06	37426.55	35472.05	36255.55	2.85	ppb
Antimony	121-1	0.37	0.42	0.35	0.38	10.46	ppb
Arsenic	75-2	63.90	67.44	63.71	65.02	3.23	ppb
Barium	135-1	324.90	354.25	316.17	331.77	6.01	ppb
Barium	137-1	320.59	355.78	317.67	331.34	6.40	ppb
Beryllium	9-1	1.31	1.51	1.25	1.35	9.87	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.32	1.77	1.36	1.82	26.38	ppb
Cadmium	106-1	3.03	3.50	2.24	2.92	21.66	ppb
Cadmium	111-1	0.95	1.11	0.87	0.97	12.54	ppb
Calcium	43-1	17187.41	18893.28	17498.39	17859.69	5.09	ppb
Calcium	44-1	16462.07	17951.22	16788.34	17067.21	4.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.49	40.88	39.54	39.97	1.98	ppb
Cobalt	59-2	32.18	33.43	32.03	32.54	2.36	ppb
Copper	63-2	95.53	99.90	96.78	97.40	2.31	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				97		%
Holmium	165-2				99		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	77336.28	81380.50	77862.12	78859.63	2.79	ppb
Iron	57-2	77189.61	80109.74	78478.84	78592.73	1.86	ppb
Iron	54-2	77806.35	81117.42	77276.47	78733.41	2.64	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-17	Instrumnet Name :	P7
Client Sample ID :	MYD4L7	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:09:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.48	49.58	44.90	46.32	6.11	ppb
Lead	207-1	44.64	50.38	46.12	47.05	6.33	ppb
Lead	208-1	44.15	49.83	45.18	46.39	6.52	ppb
Lithium	6-1				94		%
Magnesium	24-2	14815.24	15460.99	14884.54	15053.59	2.36	ppb
Manganese	55-2	1501.90	1593.28	1519.78	1538.32	3.15	ppb
Molybdenum	94-1	25.67	28.88	26.36	26.97	6.26	ppb
Molybdenum	95-1	0.60	0.63	0.55	0.59	6.78	ppb
Molybdenum	96-1	3.72	4.28	3.80	3.93	7.66	ppb
Molybdenum	97-1	0.58	0.66	0.54	0.59	10.70	ppb
Molybdenum	98-1	0.53	0.58	0.52	0.54	6.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.92	42.25	41.51	41.89	0.89	ppb
Phosphorus	31-2	2107.28	2172.22	2061.20	2113.57	2.64	ppb
Potassium	39-2	4288.31	4500.41	4280.57	4356.43	2.86	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	82-1	0.62	0.92	0.47	0.67	34.55	ppb
Selenium	77-2	12.87	13.92	18.58	15.12	20.10	ppb
Selenium	78-2	1.40	3.78	1.48	2.22	60.79	ppb
Silicon	28-1	1833.30	2005.34	1859.56	1899.40	4.88	ppb
Silver	107-1	0.27	0.32	0.28	0.29	9.30	ppb
Silver	109-1	0.27	0.30	0.27	0.28	6.42	ppb
Sodium	23-2	310.13	331.17	321.48	320.93	3.28	ppb
Strontium	86-1	68.89	77.16	70.22	72.09	6.16	ppb
Strontium	88-1	69.54	78.00	70.97	72.84	6.22	ppb
Sulfur	34-1	-1723.26	-1578.36	-2114.35	-1805.32		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.19	0.22	0.19	0.20	8.24	ppb
Thallium	205-1	0.18	0.22	0.19	0.20	9.80	ppb
Tin	118-1	0.99	1.12	1.05	1.05	6.54	ppb
Titanium	47-1	977.28	1066.31	992.95	1012.18	4.70	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-17	Instrumnet Name :	P7
Client Sample ID :	MYD4L7	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:09:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.79	0.70	0.73	7.23	ppb
Vanadium	51-2	127.46	133.65	128.59	129.90	2.54	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	224.07	232.93	226.36	227.78	2.02	ppb
Zirconium	90-1	14.52	16.08	14.72	15.10	5.61	ppb
Zirconium	91-1	14.62	15.91	14.61	15.05	4.96	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-18	Instrumnet Name :	P7
Client Sample ID :	MYD4L8	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:12:52	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25216.13	26037.25	24846.00	25366.46	2.40	ppb
Antimony	121-1	1.35	1.30	1.31	1.32	1.94	ppb
Arsenic	75-2	128.77	129.56	128.52	128.95	0.42	ppb
Barium	135-1	213.99	214.11	210.82	212.97	0.88	ppb
Barium	137-1	215.60	213.85	211.62	213.69	0.93	ppb
Beryllium	9-1	1.02	1.06	0.99	1.02	3.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	3.03	3.39	2.95	16.30	ppb
Cadmium	106-1	3.00	2.59	2.83	2.81	7.35	ppb
Cadmium	111-1	2.38	2.10	2.25	2.25	6.20	ppb
Calcium	43-1	10600.46	10465.60	10573.64	10546.57	0.68	ppb
Calcium	44-1	10092.69	9702.68	9943.11	9912.82	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	33.43	34.14	33.52	33.70	1.15	ppb
Cobalt	59-2	29.85	30.05	29.57	29.82	0.82	ppb
Copper	63-2	166.32	171.26	164.65	167.41	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	76423.78	78016.96	75539.85	76660.20	1.64	ppb
Iron	57-2	75534.62	77902.15	75338.50	76258.42	1.87	ppb
Iron	54-2	76082.70	77216.14	75390.83	76229.89	1.21	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-18	Instrumnet Name :	P7
Client Sample ID :	MYD4L8	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:12:52	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	126.92	124.09	125.63	125.54	1.13	ppb
Lead	207-1	133.62	129.94	133.70	132.42	1.62	ppb
Lead	208-1	131.78	127.90	129.52	129.74	1.50	ppb
Lithium	6-1				98		%
Magnesium	24-2	9782.71	9984.06	9397.92	9721.56	3.06	ppb
Manganese	55-2	1214.58	1256.26	1222.84	1231.23	1.79	ppb
Molybdenum	94-1	24.16	24.11	23.67	23.98	1.13	ppb
Molybdenum	95-1	1.15	1.22	1.25	1.21	4.05	ppb
Molybdenum	96-1	4.12	4.08	4.10	4.10	0.58	ppb
Molybdenum	97-1	1.18	1.18	1.17	1.18	0.78	ppb
Molybdenum	98-1	1.19	1.17	1.22	1.19	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	29.56	31.07	29.22	29.95	3.28	ppb
Phosphorus	31-2	2475.05	2531.66	2412.09	2472.93	2.42	ppb
Potassium	39-2	6623.53	6720.40	6544.48	6629.47	1.33	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	82-1	1.02	1.19	0.32	0.85	54.61	ppb
Selenium	77-2	16.25	13.67	18.88	16.27	16.02	ppb
Selenium	78-2	0.48	1.94	-0.04	0.80	128.93	ppb
Silicon	28-1	1811.88	1774.70	1813.59	1800.06	1.22	ppb
Silver	107-1	0.78	0.80	0.79	0.79	1.33	ppb
Silver	109-1	0.76	0.74	0.74	0.75	0.92	ppb
Sodium	23-2	379.39	393.05	380.79	384.41	1.96	ppb
Strontium	86-1	55.93	55.23	56.33	55.83	0.99	ppb
Strontium	88-1	57.35	56.50	56.09	56.65	1.13	ppb
Sulfur	34-1	-2005.44	-2146.37	-2152.83	-2101.55		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.26	0.24	0.27	0.26	5.08	ppb
Thallium	205-1	0.26	0.25	0.25	0.25	3.20	ppb
Tin	118-1	1.34	1.30	1.27	1.30	2.76	ppb
Titanium	47-1	1436.24	1409.33	1441.75	1429.11	1.21	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-18	Instrumnet Name :	P7
Client Sample ID :	MYD4L8	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:12:52	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.81	0.85	0.83	2.51	ppb
Vanadium	51-2	119.39	123.46	118.67	120.51	2.14	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	438.37	454.44	433.79	442.20	2.45	ppb
Zirconium	90-1	12.87	12.84	12.96	12.89	0.49	ppb
Zirconium	91-1	12.91	12.78	13.14	12.94	1.40	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-19	Instrumnet Name :	P7
Client Sample ID :	MYD4L9	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:16:04	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36267.09	37330.53	36776.03	36791.22	1.45	ppb
Antimony	121-1	0.41	0.41	0.37	0.40	5.08	ppb
Arsenic	75-2	48.61	50.31	50.30	49.74	1.97	ppb
Barium	135-1	232.96	238.73	237.27	236.32	1.27	ppb
Barium	137-1	234.27	239.30	238.04	237.20	1.10	ppb
Beryllium	9-1	1.12	1.03	1.07	1.07	3.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.08	1.28	1.27	1.21	9.49	ppb
Cadmium	106-1	1.22	0.89	1.72	1.27	32.82	ppb
Cadmium	111-1	0.51	0.45	0.45	0.47	8.01	ppb
Calcium	43-1	51830.28	51894.77	52477.13	52067.39	0.68	ppb
Calcium	44-1	48946.85	49479.70	49607.85	49344.80	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.00	40.42	39.69	40.03	0.92	ppb
Cobalt	59-2	35.82	36.50	36.45	36.25	1.05	ppb
Copper	63-2	77.09	79.17	77.94	78.07	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	78840.89	79410.14	79704.04	79318.36	0.55	ppb
Iron	57-2	79422.59	78459.84	79003.40	78961.94	0.61	ppb
Iron	54-2	78345.64	79153.26	78569.53	78689.48	0.53	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-19	Instrumnet Name :	P7
Client Sample ID :	MYD4L9	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:16:04	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.04	25.88	26.40	25.77	2.67	ppb
Lead	207-1	25.15	25.18	26.16	25.50	2.27	ppb
Lead	208-1	25.27	25.30	25.98	25.52	1.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	17291.08	17673.25	17476.80	17480.38	1.09	ppb
Manganese	55-2	1741.37	1781.72	1774.82	1765.97	1.22	ppb
Molybdenum	94-1	17.65	17.64	17.65	17.65	0.02	ppb
Molybdenum	95-1	0.60	0.63	0.60	0.61	2.90	ppb
Molybdenum	96-1	2.90	3.09	2.98	2.99	3.30	ppb
Molybdenum	97-1	0.60	0.64	0.57	0.60	5.74	ppb
Molybdenum	98-1	0.59	0.60	0.62	0.60	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.17	42.27	42.09	42.18	0.22	ppb
Phosphorus	31-2	2659.01	2629.25	2677.38	2655.22	0.91	ppb
Potassium	39-2	5317.95	5412.16	5451.43	5393.85	1.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.76	0.54	-0.15	0.38	124.43	ppb
Selenium	77-2	15.45	17.20	15.52	16.06	6.16	ppb
Selenium	78-2	0.78	0.70	1.34	0.94	37.09	ppb
Silicon	28-1	1746.48	1792.18	1810.30	1782.99	1.84	ppb
Silver	107-1	0.15	0.16	0.15	0.15	2.18	ppb
Silver	109-1	0.15	0.15	0.18	0.16	8.95	ppb
Sodium	23-2	299.59	304.69	303.56	302.61	0.88	ppb
Strontium	86-1	61.61	64.50	64.15	63.42	2.49	ppb
Strontium	88-1	63.81	64.33	64.12	64.09	0.41	ppb
Sulfur	34-1	-1428.81	-1152.05	-1080.41	-1220.43		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.18	0.20	0.19	0.19	4.88	ppb
Thallium	205-1	0.19	0.18	0.18	0.18	3.69	ppb
Tin	118-1	0.68	0.71	0.72	0.70	3.06	ppb
Titanium	47-1	719.95	739.13	738.24	732.44	1.48	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-19	Instrumnet Name :	P7
Client Sample ID :	MYD4L9	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:16:04	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.62	0.63	0.64	0.63	2.17	ppb
Vanadium	51-2	124.64	125.47	125.34	125.15	0.36	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	200.85	202.39	199.99	201.08	0.60	ppb
Zirconium	90-1	9.35	9.71	9.59	9.55	1.92	ppb
Zirconium	91-1	9.24	9.87	9.73	9.61	3.45	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-20	Instrumnet Name :	P7
Client Sample ID :	MYD4M0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:19:18	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35655.64	36996.78	36310.28	36320.90	1.85	ppb
Antimony	121-1	0.26	0.26	0.26	0.26	0.57	ppb
Arsenic	75-2	34.39	37.03	34.13	35.18	4.55	ppb
Barium	135-1	350.96	350.35	350.55	350.62	0.09	ppb
Barium	137-1	348.23	351.88	349.40	349.84	0.53	ppb
Beryllium	9-1	1.40	1.51	1.39	1.43	4.74	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.21	1.60	1.32	1.38	14.83	ppb
Cadmium	106-1	2.07	0.45	1.95	1.49	60.67	ppb
Cadmium	111-1	0.57	0.51	0.60	0.56	8.59	ppb
Calcium	43-1	12069.16	12298.25	12306.69	12224.70	1.10	ppb
Calcium	44-1	11620.47	11731.37	11733.16	11695.00	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.35	42.02	40.82	41.06	2.09	ppb
Cobalt	59-2	34.58	35.98	35.60	35.39	2.05	ppb
Copper	63-2	76.19	79.51	78.11	77.94	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				107		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				89		%
Iron	56-2	69296.86	73281.29	71264.61	71280.92	2.79	ppb
Iron	57-2	68769.53	72295.98	69937.55	70334.35	2.55	ppb
Iron	54-2	69450.46	72301.19	70952.56	70901.40	2.01	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-20	Instrumnet Name :	P7
Client Sample ID :	MYD4M0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:19:18	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.49	27.17	27.25	27.30	0.62	ppb
Lead	207-1	26.17	26.81	26.60	26.53	1.24	ppb
Lead	208-1	26.36	26.51	26.68	26.52	0.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	13067.36	13743.85	13549.44	13453.55	2.59	ppb
Manganese	55-2	1915.12	2004.29	1943.93	1954.44	2.33	ppb
Molybdenum	94-1	22.03	22.39	22.19	22.21	0.81	ppb
Molybdenum	95-1	0.40	0.43	0.43	0.42	3.90	ppb
Molybdenum	96-1	3.17	3.18	3.20	3.18	0.45	ppb
Molybdenum	97-1	0.40	0.42	0.46	0.42	6.86	ppb
Molybdenum	98-1	0.39	0.43	0.44	0.42	6.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.96	44.57	43.66	43.73	1.85	ppb
Phosphorus	31-2	1414.16	1475.68	1466.68	1452.17	2.29	ppb
Potassium	39-2	8890.81	9386.77	9129.33	9135.64	2.72	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	82-1	0.49	0.20	0.02	0.24	100.78	ppb
Selenium	77-2	15.65	16.10	17.73	16.49	6.66	ppb
Selenium	78-2	2.32	2.36	0.39	1.69	66.79	ppb
Silicon	28-1	1768.63	1780.89	1788.91	1779.48	0.57	ppb
Silver	107-1	0.17	0.17	0.18	0.17	4.39	ppb
Silver	109-1	0.17	0.15	0.17	0.16	5.85	ppb
Sodium	23-2	314.64	330.30	327.33	324.09	2.57	ppb
Strontium	86-1	64.25	65.41	65.11	64.92	0.92	ppb
Strontium	88-1	64.05	64.87	65.10	64.67	0.85	ppb
Sulfur	34-1	-1739.49	-1935.43	-2044.96	-1906.63		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.28	0.29	0.30	0.29	4.13	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	1.53	ppb
Tin	118-1	1.02	1.12	1.07	1.07	4.68	ppb
Titanium	47-1	986.71	998.50	1000.37	995.19	0.74	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-20	Instrumnet Name :	P7
Client Sample ID :	MYD4M0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:19:18	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.97	0.98	0.96	1.65	ppb
Vanadium	51-2	98.55	103.64	100.21	100.80	2.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	176.53	188.33	180.19	181.68	3.33	ppb
Zirconium	90-1	12.46	12.19	12.38	12.34	1.13	ppb
Zirconium	91-1	12.32	12.48	12.46	12.42	0.71	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-21	Instrumnet Name :	P7
Client Sample ID :	MYD4M1	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:22:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32589.01	32191.10	32271.14	32350.41	0.65	ppb
Antimony	121-1	0.99	0.95	1.01	0.98	2.72	ppb
Arsenic	75-2	122.80	127.80	130.06	126.89	2.93	ppb
Barium	135-1	231.79	233.41	236.75	233.99	1.08	ppb
Barium	137-1	232.78	233.85	237.78	234.80	1.12	ppb
Beryllium	9-1	1.25	1.30	1.17	1.24	4.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.86	2.85	2.20	2.64	14.38	ppb
Cadmium	106-1	3.28	2.16	1.83	2.42	31.28	ppb
Cadmium	111-1	1.73	1.81	1.80	1.78	2.39	ppb
Calcium	43-1	13667.35	13888.67	13930.25	13828.76	1.02	ppb
Calcium	44-1	13254.37	13158.69	13310.59	13241.22	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.26	46.41	46.74	46.47	0.53	ppb
Cobalt	59-2	38.74	38.38	37.92	38.35	1.06	ppb
Copper	63-2	130.20	130.72	130.02	130.31	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				84		%
Iron	56-2	91677.29	92047.26	90683.60	91469.38	0.77	ppb
Iron	57-2	89967.10	90679.44	89410.67	90019.07	0.71	ppb
Iron	54-2	90873.08	90624.73	90351.62	90616.47	0.29	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-21	Instrumnet Name :	P7
Client Sample ID :	MYD4M1	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:22:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	101.70	107.16	107.00	105.29	2.95	ppb
Lead	207-1	106.07	113.05	111.81	110.31	3.38	ppb
Lead	208-1	104.45	109.64	109.14	107.74	2.66	ppb
Lithium	6-1				97		%
Magnesium	24-2	14071.78	14138.91	13959.27	14056.65	0.65	ppb
Manganese	55-2	1313.16	1300.25	1306.32	1306.57	0.49	ppb
Molybdenum	94-1	26.29	27.30	27.25	26.95	2.11	ppb
Molybdenum	95-1	0.91	0.87	0.86	0.88	3.44	ppb
Molybdenum	96-1	4.07	4.26	4.26	4.20	2.56	ppb
Molybdenum	97-1	0.87	0.89	0.85	0.87	2.38	ppb
Molybdenum	98-1	0.87	0.85	0.89	0.87	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.34	46.84	44.68	45.62	2.43	ppb
Phosphorus	31-2	2779.69	2818.15	2824.37	2807.40	0.86	ppb
Potassium	39-2	6588.29	6433.71	6592.09	6538.03	1.38	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	0.88	0.73	0.52	0.71	25.48	ppb
Selenium	77-2	19.30	12.82	18.63	16.92	21.06	ppb
Selenium	78-2	0.21	2.08	2.16	1.48	74.45	ppb
Silicon	28-1	1768.67	1769.41	1802.21	1780.10	1.08	ppb
Silver	107-1	0.45	0.47	0.49	0.47	4.17	ppb
Silver	109-1	0.40	0.42	0.45	0.42	6.87	ppb
Sodium	23-2	383.23	384.30	386.02	384.52	0.37	ppb
Strontium	86-1	73.33	77.57	77.23	76.04	3.09	ppb
Strontium	88-1	74.60	77.27	76.82	76.23	1.88	ppb
Sulfur	34-1	-1751.49	-1876.28	-1879.38	-1835.72		ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	0.22	0.24	0.22	0.23	5.95	ppb
Thallium	205-1	0.21	0.23	0.22	0.22	2.49	ppb
Tin	118-1	1.23	1.32	1.28	1.28	3.68	ppb
Titanium	47-1	1432.88	1454.79	1464.45	1450.71	1.11	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-21	Instrumnet Name :	P7
Client Sample ID :	MYD4M1	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:22:30	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.87	0.89	0.85	5.17	ppb
Vanadium	51-2	149.26	150.18	148.55	149.33	0.55	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%
Zinc	66-2	399.59	398.27	397.41	398.42	0.28	ppb
Zirconium	90-1	14.35	15.02	14.82	14.73	2.34	ppb
Zirconium	91-1	14.34	14.88	14.66	14.63	1.85	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-22	Instrumnet Name :	P7
Client Sample ID :	MYD4M2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:25:46	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25298.52	27680.95	27423.07	26800.85	4.88	ppb
Antimony	121-1	0.79	0.77	0.80	0.79	2.40	ppb
Arsenic	75-2	77.47	83.98	85.29	82.25	5.09	ppb
Barium	135-1	253.13	254.46	253.42	253.67	0.28	ppb
Barium	137-1	248.39	250.73	256.27	251.80	1.61	ppb
Beryllium	9-1	1.03	1.01	1.05	1.03	1.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.03	2.91	2.36	2.77	12.99	ppb
Cadmium	106-1	3.02	1.84	1.57	2.14	35.87	ppb
Cadmium	111-1	2.08	2.06	2.10	2.08	0.98	ppb
Calcium	43-1	10314.56	10091.79	10281.21	10229.19	1.17	ppb
Calcium	44-1	9854.77	9575.56	9665.76	9698.69	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.96	32.59	32.37	31.64	4.61	ppb
Cobalt	59-2	31.24	33.96	33.64	32.95	4.50	ppb
Copper	63-2	198.13	212.86	212.75	207.92	4.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	73207.80	79071.74	79031.52	77103.69	4.38	ppb
Iron	57-2	73658.16	78366.18	78550.09	76858.15	3.61	ppb
Iron	54-2	73684.10	79734.95	78624.41	77347.82	4.16	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-22	Instrumnet Name :	P7
Client Sample ID :	MYD4M2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:25:46	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	61.34	64.74	63.82	63.30	2.78	ppb
Lead	207-1	62.05	66.58	65.25	64.63	3.60	ppb
Lead	208-1	61.56	64.72	64.90	63.73	2.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	9591.88	10381.24	10548.28	10173.80	5.02	ppb
Manganese	55-2	1695.43	1840.18	1848.39	1794.67	4.79	ppb
Molybdenum	94-1	17.07	17.47	17.72	17.42	1.87	ppb
Molybdenum	95-1	1.08	1.07	1.09	1.08	0.73	ppb
Molybdenum	96-1	3.26	3.44	3.39	3.36	2.65	ppb
Molybdenum	97-1	1.02	1.12	1.16	1.10	6.71	ppb
Molybdenum	98-1	1.06	1.09	1.09	1.08	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.25	34.84	34.23	33.78	4.01	ppb
Phosphorus	31-2	1812.05	1894.35	1957.08	1887.83	3.85	ppb
Potassium	39-2	6414.46	6778.64	6741.50	6644.87	3.02	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				84		%
Scandium	45-2				87		%
Selenium	82-1	0.30	0.44	0.70	0.48	42.87	ppb
Selenium	77-2	12.04	8.97	9.45	10.16	16.27	ppb
Selenium	78-2	0.05	1.67	1.82	1.18	83.31	ppb
Silicon	28-1	1700.65	1701.97	1718.69	1707.11	0.59	ppb
Silver	107-1	0.48	0.49	0.48	0.48	1.04	ppb
Silver	109-1	0.47	0.47	0.50	0.48	3.38	ppb
Sodium	23-2	310.92	338.20	342.28	330.46	5.16	ppb
Strontium	86-1	50.07	52.82	52.41	51.77	2.87	ppb
Strontium	88-1	50.49	52.21	53.37	52.02	2.79	ppb
Sulfur	34-1	-2007.02	-2280.77	-2148.77	-2145.52		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.23	0.26	0.25	0.25	5.61	ppb
Thallium	205-1	0.22	0.24	0.25	0.24	6.23	ppb
Tin	118-1	1.20	1.19	1.28	1.22	4.29	ppb
Titanium	47-1	1499.58	1493.02	1519.91	1504.17	0.93	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-22	Instrumnet Name :	P7
Client Sample ID :	MYD4M2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:25:46	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.81	0.84	0.80	4.45	ppb
Vanadium	51-2	120.11	130.54	130.29	126.98	4.68	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	303.74	325.88	325.10	318.24	3.95	ppb
Zirconium	90-1	9.08	9.48	9.42	9.33	2.35	ppb
Zirconium	91-1	9.35	9.44	9.64	9.48	1.56	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:28:59	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41366.29	42619.45	42681.91	42222.55	1.76	ppb
Antimony	121-1	2.16	2.21	2.19	2.19	1.21	ppb
Arsenic	75-2	98.92	97.91	98.11	98.31	0.55	ppb
Barium	135-1	456.44	460.96	465.48	460.96	0.98	ppb
Barium	137-1	459.52	463.98	466.49	463.33	0.76	ppb
Beryllium	9-1	1.45	1.43	1.42	1.43	1.20	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.74	3.30	3.11	3.05	9.38	ppb
Cadmium	106-1	2.33	2.44	2.35	2.38	2.53	ppb
Cadmium	111-1	2.96	2.95	2.92	2.94	0.81	ppb
Calcium	43-1	47171.42	47213.89	47293.84	47226.38	0.13	ppb
Calcium	44-1	45109.34	44840.45	45173.50	45041.09	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81.67	83.75	83.33	82.92	1.33	ppb
Cobalt	59-2	54.37	55.97	55.83	55.39	1.60	ppb
Copper	63-2	355.13	359.75	361.95	358.94	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	93840.47	94834.97	95745.24	94806.89	1.00	ppb
Iron	57-2	94103.79	93344.53	95153.23	94200.52	0.96	ppb
Iron	54-2	93668.72	93373.85	95669.15	94237.24	1.33	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:28:59	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	90.19	91.76	90.74	90.90	0.88	ppb
Lead	207-1	91.40	92.04	92.07	91.84	0.41	ppb
Lead	208-1	90.41	91.42	90.58	90.80	0.59	ppb
Lithium	6-1				91		%
Magnesium	24-2	19461.47	19549.54	19838.26	19616.42	1.00	ppb
Manganese	55-2	3509.89	3533.05	3597.00	3546.65	1.27	ppb
Molybdenum	94-1	7.85	8.26	8.21	8.11	2.75	ppb
Molybdenum	95-1	2.61	2.62	2.62	2.62	0.35	ppb
Molybdenum	96-1	3.78	3.86	3.69	3.78	2.20	ppb
Molybdenum	97-1	2.61	2.50	2.55	2.55	2.23	ppb
Molybdenum	98-1	2.53	2.59	2.56	2.56	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	67.71	69.43	70.10	69.08	1.78	ppb
Phosphorus	31-2	3977.20	3993.21	4012.35	3994.25	0.44	ppb
Potassium	39-2	16669.24	16716.27	16903.77	16763.09	0.74	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	82-1	1.64	2.01	1.42	1.69	17.59	ppb
Selenium	77-2	12.92	9.50	13.47	11.96	17.95	ppb
Selenium	78-2	1.64	3.84	3.12	2.87	39.06	ppb
Silicon	28-1	386.25	381.56	390.49	386.10	1.16	ppb
Silver	107-1	0.83	0.92	0.86	0.87	4.84	ppb
Silver	109-1	0.82	0.85	0.83	0.83	2.02	ppb
Sodium	23-2	597.52	602.64	605.84	602.00	0.70	ppb
Strontium	86-1	131.10	133.46	132.89	132.48	0.93	ppb
Strontium	88-1	135.55	137.02	135.91	136.16	0.56	ppb
Sulfur	34-1	-145.29	10.98	68.48	-21.94		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.33	0.36	0.34	0.34	4.45	ppb
Thallium	205-1	0.36	0.34	0.35	0.35	3.31	ppb
Tin	118-1	3.49	3.52	3.47	3.49	0.78	ppb
Titanium	47-1	931.57	935.15	940.83	935.85	0.50	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:28:59	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.09	1.08	1.04	1.07	2.34	ppb
Vanadium	51-2	157.24	158.78	159.85	158.62	0.83	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	391.02	388.17	397.57	392.25	1.23	ppb
Zirconium	90-1	3.22	3.41	3.30	3.31	2.93	ppb
Zirconium	91-1	3.30	3.40	3.32	3.34	1.61	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:32:15	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48364.15	48624.35	48676.62	48555.04	0.34	ppb
Antimony	121-1	2.41	2.36	2.36	2.38	1.37	ppb
Arsenic	75-2	84.51	86.86	86.18	85.85	1.41	ppb
Barium	135-1	463.29	457.90	463.12	461.43	0.66	ppb
Barium	137-1	462.40	458.32	462.56	461.10	0.52	ppb
Beryllium	9-1	1.79	1.82	1.83	1.82	1.15	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.38	3.38	3.37	3.38	0.13	ppb
Cadmium	106-1	2.85	3.39	2.45	2.89	16.27	ppb
Cadmium	111-1	2.55	2.61	2.46	2.54	2.91	ppb
Calcium	43-1	24710.38	24047.64	24471.54	24409.85	1.38	ppb
Calcium	44-1	23767.24	23044.23	23214.48	23341.98	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84.59	83.88	83.48	83.98	0.67	ppb
Cobalt	59-2	43.20	42.58	42.47	42.75	0.92	ppb
Copper	63-2	358.74	356.10	355.42	356.76	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	94766.33	94101.83	92887.67	93918.61	1.01	ppb
Iron	57-2	93820.37	91374.76	91703.12	92299.42	1.44	ppb
Iron	54-2	93113.36	93062.84	93149.68	93108.63	0.05	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:32:15	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	118.92	120.22	119.66	119.60	0.55	ppb
Lead	207-1	121.01	121.93	121.67	121.54	0.39	ppb
Lead	208-1	119.57	120.13	120.15	119.95	0.27	ppb
Lithium	6-1				87		%
Magnesium	24-2	19003.22	18833.47	18988.45	18941.71	0.50	ppb
Manganese	55-2	2944.97	2918.68	2962.65	2942.10	0.75	ppb
Molybdenum	94-1	15.99	16.11	16.31	16.14	1.00	ppb
Molybdenum	95-1	1.86	1.77	1.82	1.81	2.68	ppb
Molybdenum	96-1	3.95	3.86	3.88	3.90	1.22	ppb
Molybdenum	97-1	1.73	1.82	1.80	1.78	2.75	ppb
Molybdenum	98-1	1.78	1.71	1.70	1.73	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.09	69.10	68.47	69.22	1.18	ppb
Phosphorus	31-2	3045.78	3061.34	2989.30	3032.14	1.25	ppb
Potassium	39-2	14559.67	14343.42	14351.28	14418.12	0.85	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	0.76	2.14	2.02	1.64	46.59	ppb
Selenium	77-2	14.55	15.52	16.38	15.48	5.92	ppb
Selenium	78-2	3.38	4.49	3.11	3.66	19.95	ppb
Silicon	28-1	462.00	453.95	451.39	455.78	1.21	ppb
Silver	107-1	0.95	1.02	1.01	0.99	3.93	ppb
Silver	109-1	0.97	0.94	0.98	0.97	2.33	ppb
Sodium	23-2	377.24	379.75	377.89	378.29	0.34	ppb
Strontium	86-1	101.96	101.25	101.18	101.46	0.42	ppb
Strontium	88-1	103.88	104.95	106.08	104.97	1.05	ppb
Sulfur	34-1	-483.06	-757.98	-740.92	-660.65		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.33	0.36	0.37	0.35	5.78	ppb
Thallium	205-1	0.34	0.34	0.33	0.34	1.90	ppb
Tin	118-1	18.08	18.34	18.15	18.19	0.73	ppb
Titanium	47-1	1083.02	1064.70	1066.48	1071.40	0.94	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:32:15	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.02	1.03	1.02	0.65	ppb
Vanadium	51-2	154.22	152.81	153.10	153.38	0.48	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	469.15	464.04	464.96	466.05	0.59	ppb
Zirconium	90-1	8.41	8.40	8.38	8.40	0.18	ppb
Zirconium	91-1	8.29	8.43	8.46	8.39	1.04	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:35:27	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46754.17	47123.85	47383.75	47087.26	0.67	ppb
Antimony	121-1	2.25	2.33	2.22	2.26	2.44	ppb
Arsenic	75-2	70.42	70.28	70.98	70.56	0.53	ppb
Barium	135-1	442.56	464.03	437.71	448.10	3.13	ppb
Barium	137-1	442.39	465.94	437.09	448.48	3.42	ppb
Beryllium	9-1	1.68	1.98	1.76	1.81	8.57	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.65	2.81	3.12	2.86	8.50	ppb
Cadmium	106-1	2.91	2.85	2.57	2.78	6.53	ppb
Cadmium	111-1	2.58	2.67	2.43	2.56	4.80	ppb
Calcium	43-1	23371.34	25041.08	23251.42	23887.95	4.19	ppb
Calcium	44-1	22190.51	24006.95	22400.71	22866.06	4.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82.92	82.13	83.69	82.91	0.94	ppb
Cobalt	59-2	41.30	41.21	41.53	41.35	0.40	ppb
Copper	63-2	344.41	344.50	349.23	346.05	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	90425.86	89885.03	91159.82	90490.24	0.71	ppb
Iron	57-2	90167.43	89056.24	90267.18	89830.28	0.75	ppb
Iron	54-2	89838.54	88997.67	90752.42	89862.88	0.98	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:35:27	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	112.81	120.44	110.52	114.59	4.53	ppb
Lead	207-1	114.37	122.25	113.60	116.74	4.10	ppb
Lead	208-1	113.18	120.46	111.78	115.14	4.05	ppb
Lithium	6-1				86		%
Magnesium	24-2	18836.48	18546.01	19044.89	18809.12	1.33	ppb
Manganese	55-2	2734.30	2721.34	2743.01	2732.88	0.40	ppb
Molybdenum	94-1	13.22	13.61	12.95	13.26	2.53	ppb
Molybdenum	95-1	1.64	1.70	1.60	1.65	2.98	ppb
Molybdenum	96-1	3.33	3.64	3.40	3.46	4.65	ppb
Molybdenum	97-1	1.64	1.77	1.56	1.66	6.26	ppb
Molybdenum	98-1	1.54	1.64	1.57	1.58	3.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.66	67.34	67.33	67.78	1.13	ppb
Phosphorus	31-2	2935.48	2951.61	2993.65	2960.25	1.01	ppb
Potassium	39-2	14363.61	14273.31	14437.19	14358.04	0.57	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				84		%
Selenium	82-1	1.49	1.23	1.48	1.40	10.84	ppb
Selenium	77-2	14.38	13.70	12.69	13.59	6.24	ppb
Selenium	78-2	3.94	4.64	4.43	4.33	8.22	ppb
Silicon	28-1	517.51	558.02	517.16	530.90	4.42	ppb
Silver	107-1	0.96	0.99	0.94	0.96	2.83	ppb
Silver	109-1	0.97	1.03	0.96	0.99	3.53	ppb
Sodium	23-2	363.32	362.63	368.70	364.88	0.91	ppb
Strontium	86-1	94.78	100.41	93.99	96.39	3.63	ppb
Strontium	88-1	97.90	104.05	95.80	99.25	4.32	ppb
Sulfur	34-1	-575.63	-146.66	-646.06	-456.12		ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	0.34	0.36	0.33	0.34	4.98	ppb
Thallium	205-1	0.33	0.35	0.32	0.33	5.62	ppb
Tin	118-1	5.32	5.47	5.24	5.34	2.20	ppb
Titanium	47-1	1072.79	1167.76	1069.39	1103.31	5.06	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:35:27	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.04	0.97	0.99	3.78	ppb
Vanadium	51-2	150.19	149.15	150.07	149.80	0.38	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%
Zinc	66-2	438.96	436.74	450.04	441.91	1.61	ppb
Zirconium	90-1	6.52	7.06	6.55	6.71	4.52	ppb
Zirconium	91-1	6.76	7.02	6.82	6.87	1.94	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:38:42	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36341.06	34752.50	35619.23	35570.93	2.24	ppb
Antimony	121-1	0.86	0.85	0.86	0.86	0.68	ppb
Arsenic	75-2	33.05	32.39	31.83	32.42	1.88	ppb
Barium	135-1	285.55	274.41	292.48	284.15	3.21	ppb
Barium	137-1	279.77	281.30	288.17	283.08	1.58	ppb
Beryllium	9-1	1.27	1.31	1.35	1.31	3.09	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.47	1.61	1.33	1.47	9.62	ppb
Cadmium	106-1	1.28	0.82	1.72	1.27	35.19	ppb
Cadmium	111-1	0.63	0.54	0.54	0.57	8.92	ppb
Calcium	43-1	13470.93	14375.35	14047.18	13964.49	3.28	ppb
Calcium	44-1	12945.59	13647.97	13509.91	13367.82	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.00	57.12	58.41	58.51	2.46	ppb
Cobalt	59-2	33.81	33.17	33.49	33.49	0.95	ppb
Copper	63-2	139.31	134.82	138.91	137.68	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	56-2	88805.43	86013.79	87851.56	87556.93	1.62	ppb
Iron	57-2	88111.91	84638.65	87042.27	86597.61	2.05	ppb
Iron	54-2	88538.24	85799.06	86930.65	87089.32	1.58	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:38:42	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.70	35.14	35.94	35.26	1.79	ppb
Lead	207-1	29.06	31.04	30.14	30.08	3.29	ppb
Lead	208-1	30.65	31.89	31.78	31.44	2.18	ppb
Lithium	6-1				89		%
Magnesium	24-2	15579.70	14983.73	15220.11	15261.18	1.97	ppb
Manganese	55-2	1758.86	1703.22	1732.41	1731.50	1.61	ppb
Molybdenum	94-1	17.11	17.30	17.21	17.21	0.56	ppb
Molybdenum	95-1	1.62	1.70	1.67	1.66	2.49	ppb
Molybdenum	96-1	3.91	3.90	3.97	3.93	0.89	ppb
Molybdenum	97-1	1.70	1.72	1.68	1.70	1.16	ppb
Molybdenum	98-1	1.57	1.61	1.62	1.60	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.79	39.09	38.80	39.22	1.30	ppb
Phosphorus	31-2	2329.23	2223.83	2248.53	2267.20	2.43	ppb
Potassium	39-2	8587.51	8288.94	8393.63	8423.36	1.80	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	82-1	0.57	0.85	0.26	0.56	53.26	ppb
Selenium	77-2	14.96	20.17	16.63	17.25	15.41	ppb
Selenium	78-2	2.10	3.02	2.97	2.70	19.15	ppb
Silicon	28-1	459.92	485.99	484.37	476.76	3.06	ppb
Silver	107-1	0.20	0.18	0.20	0.20	5.71	ppb
Silver	109-1	0.19	0.19	0.20	0.19	5.11	ppb
Sodium	23-2	420.77	405.64	413.05	413.15	1.83	ppb
Strontium	86-1	68.81	71.77	71.49	70.69	2.31	ppb
Strontium	88-1	68.77	70.27	70.81	69.95	1.51	ppb
Sulfur	34-1	-1650.22	-1491.88	-1521.06	-1554.39		ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.19	0.19	0.21	0.20	5.18	ppb
Thallium	205-1	0.18	0.19	0.18	0.18	3.25	ppb
Tin	118-1	3.62	3.73	3.71	3.69	1.63	ppb
Titanium	47-1	1424.01	1521.11	1495.10	1480.07	3.40	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:38:42	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.53	2.71	2.63	2.62	3.33	ppb
Vanadium	51-2	179.31	172.77	177.28	176.45	1.90	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	206.16	199.28	203.84	203.09	1.72	ppb
Zirconium	90-1	9.19	9.15	9.27	9.20	0.67	ppb
Zirconium	91-1	9.09	9.35	9.16	9.20	1.49	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:41:54	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51071.31	51209.58	51953.54	51411.48	0.92	ppb
Antimony	121-1	534.64	488.34	501.92	508.30	4.68	ppb
Arsenic	75-2	489.89	487.84	489.69	489.14	0.23	ppb
Barium	135-1	2722.35	2488.87	2587.36	2599.53	4.51	ppb
Barium	137-1	2722.55	2525.02	2599.86	2615.81	3.81	ppb
Beryllium	9-1	547.67	510.33	513.82	523.94	3.94	ppb
Bismuth	209-1				81		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	519.30	489.51	492.54	500.45	3.28	ppb
Cadmium	106-1	521.61	475.85	496.51	497.99	4.60	ppb
Cadmium	111-1	517.58	471.35	488.83	492.59	4.74	ppb
Calcium	43-1	272283.97	253794.23	260134.15	262070.78	3.59	ppb
Calcium	44-1	276275.75	258344.89	258500.40	264373.68	3.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	525.89	528.52	528.70	527.70	0.30	ppb
Cobalt	59-2	509.06	511.78	517.09	512.64	0.80	ppb
Copper	63-2	5118.53	5152.55	5171.01	5147.37	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				90		%
Indium	115-1				75		%
Indium	115-2				77		%
Iron	56-2	136274.70	135964.35	137179.27	136472.78	0.46	ppb
Iron	57-2	135815.91	135769.96	137099.74	136228.54	0.55	ppb
Iron	54-2	135699.08	135555.59	136710.29	135988.32	0.46	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:41:54	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2783.28	2585.68	2644.20	2671.05	3.80	ppb
Lead	207-1	2785.42	2627.51	2668.20	2693.71	3.04	ppb
Lead	208-1	2779.23	2604.30	2669.04	2684.19	3.29	ppb
Lithium	6-1				76		%
Magnesium	24-2	251131.25	250032.24	252359.97	251174.49	0.46	ppb
Manganese	55-2	5235.32	5237.27	5290.64	5254.41	0.60	ppb
Molybdenum	94-1	5706.69	5272.94	5311.69	5430.44	4.42	ppb
Molybdenum	95-1	5713.24	5274.22	5274.30	5420.59	4.68	ppb
Molybdenum	96-1	5719.97	5260.43	5282.33	5420.91	4.78	ppb
Molybdenum	97-1	5766.67	5282.30	5338.63	5462.54	4.85	ppb
Molybdenum	98-1	5719.30	5294.58	5297.47	5437.12	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.54	513.31	516.60	513.48	0.59	ppb
Phosphorus	31-2	10036.25	9858.86	10074.18	9989.76	1.15	ppb
Potassium	39-2	128423.48	128593.53	130551.46	129189.49	0.92	ppb
Rhodium	103-1				72		%
Rhodium	103-2				75		%
Scandium	45-1				72		%
Scandium	45-2				75		%
Selenium	82-1	528.59	485.25	486.51	500.12	4.93	ppb
Selenium	77-2	500.24	485.70	481.72	489.22	1.99	ppb
Selenium	78-2	479.71	488.87	475.25	481.28	1.44	ppb
Silicon	28-1	668.61	615.74	624.96	636.43	4.44	ppb
Silver	107-1	531.29	478.43	496.66	502.13	5.35	ppb
Silver	109-1	528.66	479.05	499.77	502.50	4.96	ppb
Sodium	23-2	255891.61	256053.90	255318.01	255754.51	0.15	ppb
Strontium	86-1	13875.05	12773.46	13071.10	13239.87	4.30	ppb
Strontium	88-1	13945.33	12891.24	13082.31	13306.29	4.22	ppb
Sulfur	34-1	11607.12	10159.25	9986.33	10584.23	8.41	ppb
Terbium	159-1				86		%
Terbium	159-2				89		%
Thallium	203-1	562.47	525.09	535.21	540.93	3.57	ppb
Thallium	205-1	554.27	516.21	527.78	532.75	3.66	ppb
Tin	118-1	544.64	502.12	513.75	520.17	4.22	ppb
Titanium	47-1	5560.75	5185.80	5224.62	5323.72	3.87	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:41:54	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	569.88	532.42	544.31	548.87	3.49	ppb
Vanadium	51-2	526.62	527.19	529.32	527.71	0.27	ppb
Yttrium	89-1				77		%
Yttrium	89-2				79		%
Zinc	66-2	4971.80	4968.35	5004.12	4981.42	0.40	ppb
Zirconium	90-1	569.25	520.71	529.07	539.68	4.81	ppb
Zirconium	91-1	559.27	518.49	524.67	534.14	4.12	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:44:47	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.02	2.09	1.91	2.01	4.60	ppb
Antimony	121-1	0.42	0.41	0.40	0.41	3.00	ppb
Arsenic	75-2	-0.02	0.07	0.03	0.03	162.04	ppb
Barium	135-1	0.06	0.08	0.07	0.07	7.73	ppb
Barium	137-1	0.08	0.05	0.05	0.06	27.31	ppb
Beryllium	9-1	0.20	0.08	0.08	0.12	56.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.08	0.04	0.04	73.07	ppb
Cadmium	106-1	-0.65	-1.43	-2.05	-1.38		ppb
Cadmium	111-1	-0.01	-0.09	-0.13	-0.07		ppb
Calcium	43-1	11.71	9.60	2.29	7.87	62.86	ppb
Calcium	44-1	12.50	9.34	7.77	9.87	24.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.02	0.03	37.08	ppb
Cobalt	59-2	0.01	0.02	0.01	0.02	35.55	ppb
Copper	63-2	0.41	0.47	0.52	0.47	12.30	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				99		%
Holmium	165-2				98		%
Indium	115-1				91		%
Indium	115-2				91		%
Iron	56-2	5.73	5.95	6.00	5.89	2.39	ppb
Iron	57-2	4.16	3.75	5.63	4.51	21.86	ppb
Iron	54-2	5.52	5.98	4.32	5.27	16.29	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:44:47	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.27	0.22	0.20	0.23	17.08	ppb
Lead	207-1	0.26	0.23	0.18	0.23	17.36	ppb
Lead	208-1	0.26	0.23	0.20	0.23	13.98	ppb
Lithium	6-1				87		%
Magnesium	24-2	5.67	6.40	5.74	5.94	6.77	ppb
Manganese	55-2	0.19	0.23	0.21	0.21	9.90	ppb
Molybdenum	94-1	0.65	0.44	0.42	0.51	25.13	ppb
Molybdenum	95-1	0.39	0.28	0.26	0.31	22.22	ppb
Molybdenum	96-1	0.38	0.30	0.29	0.32	15.58	ppb
Molybdenum	97-1	0.40	0.36	0.26	0.34	20.62	ppb
Molybdenum	98-1	0.38	0.27	0.27	0.31	20.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	66.41	ppb
Phosphorus	31-2	-20.33	-19.04	-17.92	-19.10		ppb
Potassium	39-2	9.79	5.68	4.78	6.75	39.55	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				83		%
Scandium	45-2				85		%
Selenium	82-1	0.14	-0.42	0.09	-0.06		ppb
Selenium	77-2	0.00	0.90	0.00	0.30	173.21	ppb
Selenium	78-2	-2.37	-1.91	0.32	-1.32		ppb
Silicon	28-1	-0.06	0.04	0.10	0.02	323.34	ppb
Silver	107-1	0.06	0.05	0.05	0.06	14.91	ppb
Silver	109-1	0.07	0.05	0.05	0.06	21.38	ppb
Sodium	23-2	51.49	48.97	49.01	49.82	2.89	ppb
Strontium	86-1	0.50	0.33	0.28	0.37	31.81	ppb
Strontium	88-1	0.51	0.35	0.29	0.38	29.25	ppb
Sulfur	34-1	-556.65	-509.89	-529.34	-531.96		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.06	0.04	0.05	18.67	ppb
Thallium	205-1	0.08	0.06	0.04	0.06	33.45	ppb
Tin	118-1	1.03	1.05	1.07	1.05	1.91	ppb
Titanium	47-1	0.29	0.25	0.21	0.25	15.54	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:44:47	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	27.11	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	6.01	ppb
Yttrium	89-1				89		%
Yttrium	89-2				90		%
Zinc	66-2	0.28	0.17	0.11	0.19	45.64	ppb
Zirconium	90-1	0.17	0.10	0.10	0.12	33.02	ppb
Zirconium	91-1	0.16	0.11	0.10	0.12	23.90	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:33:07	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.36	-0.31	-0.20		ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.02	0.00	-0.01	-0.01		ppb
Barium	135-1	-0.01	-0.03	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	885.59	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.10	0.04	0.05	95.34	ppb
Cadmium	106-1	-0.49	-2.02	-1.66	-1.39		ppb
Cadmium	111-1	-0.04	-0.15	-0.12	-0.11		ppb
Calcium	43-1	0.14	-0.64	-0.49	-0.33		ppb
Calcium	44-1	-1.80	-1.63	-1.73	-1.72		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.10	0.11	0.11	0.11	4.59	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				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	-0.29	-0.33	-0.23	-0.29		ppb
Iron	57-2	-3.89	-2.68	-1.14	-2.57		ppb
Iron	54-2	0.80	-0.90	-0.04	-0.05		ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:33:07	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				91		%
Magnesium	24-2	-0.46	-0.75	-0.73	-0.65		ppb
Manganese	55-2	-0.02	-0.05	-0.05	-0.04		ppb
Molybdenum	94-1	-0.06	-0.03	-0.06	-0.05		ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	1729.62	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	274.42	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	69.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.00	0.01	99.52	ppb
Phosphorus	31-2	-20.02	-18.92	-25.12	-21.35		ppb
Potassium	39-2	-3.90	-7.94	-6.27	-6.04		ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	0.53	0.18	0.27	0.32	56.28	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.48	0.86	-1.18	-0.60		ppb
Silicon	28-1	-0.45	-0.44	-0.46	-0.45		ppb
Silver	107-1	0.01	0.01	0.00	0.00	93.10	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.05	ppb
Sodium	23-2	-1.76	-1.31	-2.82	-1.96		ppb
Strontium	86-1	-0.01	0.02	0.01	0.00	357.48	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-385.90	-445.33	-528.91	-453.38		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
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	1.31	1.38	1.35	1.35	2.38	ppb
Titanium	47-1	-0.02	-0.04	-0.01	-0.02		ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:33:07	DataFile Name :	080CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.06	-0.06	-0.10	-0.07		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.03	-0.01	-0.03	-0.02		ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:36:29	DataFile Name :	081LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.60	43.38	42.86	42.95	0.93	ppb
Antimony	121-1	4.23	4.14	4.16	4.18	1.15	ppb
Arsenic	75-2	2.12	2.22	1.97	2.10	5.90	ppb
Barium	135-1	19.94	19.87	19.56	19.79	1.04	ppb
Barium	137-1	19.51	19.84	19.42	19.59	1.14	ppb
Beryllium	9-1	2.08	2.28	2.14	2.17	4.72	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.01	2.32	2.27	2.20	7.51	ppb
Cadmium	106-1	2.46	1.66	0.96	1.69	44.39	ppb
Cadmium	111-1	2.40	2.23	2.19	2.27	5.00	ppb
Calcium	43-1	1049.02	1048.48	1045.93	1047.81	0.16	ppb
Calcium	44-1	1072.78	1084.36	1068.74	1075.29	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.78	5.13	4.91	4.94	3.58	ppb
Cobalt	59-2	2.29	2.26	2.38	2.31	2.70	ppb
Copper	63-2	4.57	4.82	4.66	4.69	2.73	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				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	480.61	492.15	485.78	486.18	1.19	ppb
Iron	57-2	481.87	485.19	477.86	481.64	0.76	ppb
Iron	54-2	478.90	487.93	491.14	485.99	1.31	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:36:29	DataFile Name :	081LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.79	1.84	1.76	1.80	2.35	ppb
Lead	207-1	1.88	1.86	1.77	1.84	3.05	ppb
Lead	208-1	1.84	1.85	1.79	1.83	1.70	ppb
Lithium	6-1				91		%
Magnesium	24-2	1067.45	1091.22	1087.47	1082.05	1.18	ppb
Manganese	55-2	2.28	2.33	2.38	2.33	2.08	ppb
Molybdenum	94-1	12.07	11.83	11.93	11.94	1.01	ppb
Molybdenum	95-1	10.12	10.24	10.07	10.14	0.84	ppb
Molybdenum	96-1	10.30	10.36	10.39	10.35	0.46	ppb
Molybdenum	97-1	10.02	10.52	10.02	10.18	2.82	ppb
Molybdenum	98-1	10.24	10.06	9.95	10.08	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.46	2.33	2.45	2.41	3.07	ppb
Phosphorus	31-2	-18.49	-20.00	-19.56	-19.35		ppb
Potassium	39-2	1123.52	1125.52	1117.20	1122.08	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	11.32	10.46	10.03	10.60	6.16	ppb
Selenium	77-2	12.89	9.48	7.45	9.94	27.64	ppb
Selenium	78-2	9.79	11.00	11.68	10.82	8.87	ppb
Silicon	28-1	3.64	3.77	3.47	3.63	4.08	ppb
Silver	107-1	2.15	2.21	2.16	2.17	1.48	ppb
Silver	109-1	2.10	2.09	2.09	2.09	0.20	ppb
Sodium	23-2	1071.21	1082.08	1073.74	1075.68	0.53	ppb
Strontium	86-1	2.09	2.08	1.97	2.04	3.31	ppb
Strontium	88-1	2.11	2.05	2.08	2.08	1.42	ppb
Sulfur	34-1	-244.04	-313.92	-422.64	-326.86		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1.85	1.91	1.84	1.87	1.99	ppb
Thallium	205-1	1.83	1.80	1.81	1.82	0.96	ppb
Tin	118-1	1.41	1.32	1.41	1.38	3.81	ppb
Titanium	47-1	10.36	10.44	10.60	10.47	1.17	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:36:29	DataFile Name :	081LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.70	1.69	1.64	1.68	1.81	ppb
Vanadium	51-2	10.62	11.22	11.10	10.98	2.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	11.09	11.51	11.76	11.45	2.97	ppb
Zirconium	90-1	2.06	2.15	2.13	2.11	2.22	ppb
Zirconium	91-1	2.11	2.12	1.99	2.07	3.29	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:39:49	DataFile Name :	082LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.53	20.02	19.24	19.93	3.25	ppb
Antimony	121-1	2.00	1.96	1.95	1.97	1.38	ppb
Arsenic	75-2	0.75	1.00	0.98	0.91	15.12	ppb
Barium	135-1	8.91	9.18	9.25	9.11	1.95	ppb
Barium	137-1	9.27	9.11	9.21	9.20	0.92	ppb
Beryllium	9-1	1.00	0.93	1.05	0.99	5.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.41	0.16	0.22	0.26	48.79	ppb
Cadmium	106-1	-0.77	-1.05	-0.51	-0.78		ppb
Cadmium	111-1	0.14	0.11	0.18	0.14	25.23	ppb
Calcium	43-1	459.82	486.04	502.78	482.88	4.48	ppb
Calcium	44-1	484.65	493.73	501.53	493.30	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.06	2.09	2.09	1.45	ppb
Cobalt	59-2	1.14	1.04	1.08	1.09	4.72	ppb
Copper	63-2	2.25	2.33	2.19	2.26	3.01	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				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	228.35	226.89	222.77	226.01	1.28	ppb
Iron	57-2	238.53	227.23	229.28	231.68	2.60	ppb
Iron	54-2	229.30	223.66	224.53	225.83	1.35	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:39:49	DataFile Name :	082LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.82	0.87	0.84	3.20	ppb
Lead	207-1	0.83	0.81	0.85	0.83	1.86	ppb
Lead	208-1	0.81	0.84	0.85	0.83	2.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	510.07	508.39	501.39	506.61	0.91	ppb
Manganese	55-2	1.04	0.99	0.98	1.00	3.42	ppb
Molybdenum	94-1	5.67	5.64	5.62	5.64	0.47	ppb
Molybdenum	95-1	4.61	4.51	4.55	4.55	1.10	ppb
Molybdenum	96-1	4.74	4.76	4.82	4.77	0.85	ppb
Molybdenum	97-1	4.65	4.48	4.77	4.64	3.16	ppb
Molybdenum	98-1	4.60	4.72	4.73	4.69	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.25	1.15	1.17	6.02	ppb
Phosphorus	31-2	-17.12	-20.03	-20.70	-19.28		ppb
Potassium	39-2	524.14	522.38	511.93	519.48	1.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	4.79	4.81	5.70	5.10	10.16	ppb
Selenium	77-2	4.15	1.25	4.64	3.35	54.64	ppb
Selenium	78-2	5.59	2.93	3.87	4.13	32.62	ppb
Silicon	28-1	1.13	1.08	1.25	1.15	7.17	ppb
Silver	107-1	1.01	1.07	1.01	1.03	3.35	ppb
Silver	109-1	0.98	1.01	1.02	1.00	2.21	ppb
Sodium	23-2	507.26	506.73	495.70	503.23	1.30	ppb
Strontium	86-1	0.93	0.96	0.92	0.94	1.77	ppb
Strontium	88-1	0.97	0.94	0.98	0.96	2.10	ppb
Sulfur	34-1	-453.87	-501.66	-487.01	-480.85		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.85	0.85	0.80	0.83	3.43	ppb
Thallium	205-1	0.82	0.84	0.82	0.83	1.39	ppb
Tin	118-1	1.40	1.42	1.41	1.41	0.70	ppb
Titanium	47-1	4.76	4.93	4.86	4.85	1.79	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:39:49	DataFile Name :	082LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.78	0.79	0.78	1.33	ppb
Vanadium	51-2	5.17	5.06	5.03	5.09	1.41	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	5.33	5.09	5.15	5.19	2.48	ppb
Zirconium	90-1	0.92	0.96	0.97	0.95	2.77	ppb
Zirconium	91-1	1.02	0.96	0.98	0.99	2.96	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BL	Instrumnet Name :	P7
Client Sample ID :	PBS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:46:56	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	-0.23	-0.17	-0.21		ppb
Antimony	121-1	0.00	-0.01	-0.01	-0.01		ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	-0.04	-0.01	-0.03	-0.02		ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.10	-0.05	0.05	175.69	ppb
Cadmium	106-1	-2.07	-1.16	-2.21	-1.81		ppb
Cadmium	111-1	-0.16	-0.09	-0.16	-0.13		ppb
Calcium	43-1	-1.74	-1.54	-0.98	-1.42		ppb
Calcium	44-1	-0.94	-1.30	-1.52	-1.25		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	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.07	0.10	0.09	0.09	15.29	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				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	-0.21	-0.35	-0.41	-0.32		ppb
Iron	57-2	-0.62	-1.01	-0.96	-0.86		ppb
Iron	54-2	-0.07	-1.35	-0.40	-0.61		ppb
Krypton	83-1						cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BL	Instrumnet Name :	P7
Client Sample ID :	PBS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:46:56	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.02	-0.02	-0.01	-0.02		ppb
Lead	207-1	-0.03	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				91		%
Magnesium	24-2	-1.06	-0.69	-0.38	-0.71		ppb
Manganese	55-2	-0.05	-0.05	-0.10	-0.06		ppb
Molybdenum	94-1	-0.06	-0.05	-0.05	-0.05		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.03	0.00	1652.11	ppb
Phosphorus	31-2	-16.30	-14.43	-21.18	-17.30		ppb
Potassium	39-2	-7.45	-5.75	-3.60	-5.60		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.14	-0.05	-0.13	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	-0.57	-0.91	-0.58		ppb
Silicon	28-1	-0.39	-0.36	-0.36	-0.37		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	178.57	ppb
Sodium	23-2	-3.70	-2.86	-3.25	-3.27		ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-376.68	-471.84	-577.26	-475.26		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	1.41	1.48	1.39	1.43	3.45	ppb
Titanium	47-1	0.02	0.03	0.04	0.03	30.77	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BL	Instrumnet Name :	P7
Client Sample ID :	PBS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:46:56	DataFile Name :	083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.05	-0.13	-0.17	-0.12		ppb
Zirconium	90-1	-0.03	-0.03	-0.03	-0.03		ppb
Zirconium	91-1	-0.02	-0.03	-0.04	-0.03		ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BS	Instrumnet Name :	P7
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:50:19	DataFile Name :	084LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.22	40.54	39.99	40.25	0.68	ppb
Antimony	121-1	4.10	4.08	4.09	4.09	0.33	ppb
Arsenic	75-2	2.18	2.12	1.89	2.06	7.28	ppb
Barium	135-1	18.96	18.89	19.20	19.02	0.85	ppb
Barium	137-1	19.01	19.17	19.27	19.15	0.66	ppb
Beryllium	9-1	2.17	2.14	2.21	2.17	1.66	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.61	1.93	2.35	2.29	15.04	ppb
Cadmium	106-1	1.70	0.39	1.18	1.09	60.32	ppb
Cadmium	111-1	2.20	2.23	2.35	2.26	3.63	ppb
Calcium	43-1	1039.64	1013.23	991.81	1014.89	2.36	ppb
Calcium	44-1	1039.53	1040.13	1037.69	1039.12	0.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.85	4.77	4.75	4.79	1.05	ppb
Cobalt	59-2	2.21	2.20	2.23	2.21	0.74	ppb
Copper	63-2	4.57	4.56	4.51	4.55	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	475.58	469.03	473.61	472.74	0.71	ppb
Iron	57-2	473.00	477.91	470.81	473.90	0.77	ppb
Iron	54-2	481.39	476.12	478.41	478.64	0.55	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BS	Instrumnet Name :	P7
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:50:19	DataFile Name :	084LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.75	1.73	1.83	1.77	2.77	ppb
Lead	207-1	1.80	1.85	1.79	1.81	1.70	ppb
Lead	208-1	1.80	1.79	1.81	1.80	0.56	ppb
Lithium	6-1				92		%
Magnesium	24-2	1058.02	1050.09	1060.11	1056.07	0.50	ppb
Manganese	55-2	2.18	2.19	2.29	2.22	2.69	ppb
Molybdenum	94-1	11.67	11.76	11.40	11.61	1.61	ppb
Molybdenum	95-1	9.68	10.04	9.91	9.88	1.83	ppb
Molybdenum	96-1	10.10	10.24	10.12	10.15	0.72	ppb
Molybdenum	97-1	9.89	10.10	10.14	10.04	1.35	ppb
Molybdenum	98-1	9.85	9.97	9.87	9.90	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.52	2.37	2.22	2.37	6.37	ppb
Phosphorus	31-2	-23.62	-21.37	-17.43	-20.81		ppb
Potassium	39-2	1096.05	1088.84	1099.30	1094.73	0.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	10.55	10.79	9.41	10.25	7.16	ppb
Selenium	77-2	9.24	7.99	9.96	9.07	10.97	ppb
Selenium	78-2	8.32	9.46	12.09	9.96	19.39	ppb
Silicon	28-1	2.88	2.81	2.76	2.81	2.30	ppb
Silver	107-1	2.09	2.12	2.18	2.13	2.04	ppb
Silver	109-1	1.99	2.10	2.10	2.06	3.09	ppb
Sodium	23-2	1042.41	1042.03	1044.20	1042.88	0.11	ppb
Strontium	86-1	2.08	2.05	2.02	2.05	1.34	ppb
Strontium	88-1	2.05	2.08	2.03	2.05	1.13	ppb
Sulfur	34-1	-440.92	-590.84	-574.23	-535.33		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.77	1.75	1.81	1.78	1.87	ppb
Thallium	205-1	1.75	1.73	1.78	1.75	1.30	ppb
Tin	118-1	1.34	1.40	1.43	1.39	3.39	ppb
Titanium	47-1	10.18	10.23	10.40	10.27	1.12	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BS	Instrumnet Name :	P7
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:50:19	DataFile Name :	084LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.67	1.67	1.66	1.35	ppb
Vanadium	51-2	10.48	10.95	10.72	10.72	2.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	11.09	10.95	11.06	11.03	0.65	ppb
Zirconium	90-1	2.04	2.06	2.03	2.05	0.84	ppb
Zirconium	91-1	2.03	2.03	2.06	2.04	0.90	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:53:39	DataFile Name :	085LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.90	21.55	20.62	20.69	4.01	ppb
Antimony	121-1	2.11	2.19	2.12	2.14	2.13	ppb
Arsenic	75-2	1.15	1.30	1.03	1.16	11.75	ppb
Barium	135-1	10.12	10.05	10.07	10.08	0.36	ppb
Barium	137-1	9.99	10.12	9.99	10.04	0.75	ppb
Beryllium	9-1	1.30	1.32	1.19	1.27	5.28	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.47	0.46	0.31	0.41	21.93	ppb
Cadmium	106-1	-0.27	-1.60	-0.02	-0.63		ppb
Cadmium	111-1	0.13	0.08	0.21	0.14	46.58	ppb
Calcium	43-1	528.36	540.93	519.99	529.76	1.99	ppb
Calcium	44-1	550.03	547.47	542.35	546.62	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.39	2.42	2.39	1.63	ppb
Cobalt	59-2	1.15	1.25	1.14	1.18	5.25	ppb
Copper	63-2	2.49	2.48	2.48	2.48	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	241.76	246.79	249.97	246.18	1.68	ppb
Iron	57-2	243.92	249.50	241.62	245.01	1.65	ppb
Iron	54-2	248.39	249.11	252.57	250.02	0.89	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:53:39	DataFile Name :	085LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.98	0.93	0.92	0.94	3.51	ppb
Lead	207-1	0.98	0.99	0.92	0.96	4.21	ppb
Lead	208-1	0.95	0.93	0.93	0.94	1.18	ppb
Lithium	6-1				92		%
Magnesium	24-2	538.60	550.09	546.53	545.07	1.08	ppb
Manganese	55-2	1.05	1.10	1.10	1.09	2.49	ppb
Molybdenum	94-1	6.15	6.04	5.97	6.05	1.52	ppb
Molybdenum	95-1	5.17	5.19	5.11	5.16	0.80	ppb
Molybdenum	96-1	5.23	5.36	5.35	5.31	1.35	ppb
Molybdenum	97-1	5.12	5.41	5.18	5.23	2.92	ppb
Molybdenum	98-1	5.18	5.15	5.30	5.21	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.30	1.12	1.22	7.65	ppb
Phosphorus	31-2	-24.35	-15.13	-19.58	-19.68		ppb
Potassium	39-2	555.09	577.28	580.97	571.11	2.45	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	4.55	5.13	6.02	5.23	14.11	ppb
Selenium	77-2	6.13	4.18	6.27	5.53	21.15	ppb
Selenium	78-2	6.75	3.42	5.15	5.11	32.57	ppb
Silicon	28-1	1.68	1.59	1.56	1.61	4.00	ppb
Silver	107-1	1.09	1.14	1.16	1.13	3.04	ppb
Silver	109-1	1.10	1.14	1.06	1.10	3.50	ppb
Sodium	23-2	535.51	548.92	552.15	545.53	1.62	ppb
Strontium	86-1	1.05	1.04	0.96	1.01	5.01	ppb
Strontium	88-1	1.08	1.08	1.08	1.08	0.15	ppb
Sulfur	34-1	-405.97	-547.60	-578.63	-510.73		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.95	0.97	0.91	0.94	3.50	ppb
Thallium	205-1	0.94	0.94	0.92	0.94	1.04	ppb
Tin	118-1	1.41	1.46	1.41	1.43	2.19	ppb
Titanium	47-1	5.51	5.58	5.60	5.56	0.92	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:53:39	DataFile Name :	085LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.85	0.84	0.85	2.29	ppb
Vanadium	51-2	5.58	5.82	5.69	5.70	2.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.84	5.45	5.55	5.61	3.55	ppb
Zirconium	90-1	1.06	1.08	1.07	1.07	0.91	ppb
Zirconium	91-1	1.14	1.07	1.10	1.10	3.12	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:00:20	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34085.74	33449.00	33904.08	33812.94	0.97	ppb
Antimony	121-1	1.25	1.29	1.25	1.26	2.13	ppb
Arsenic	75-2	77.36	77.39	76.31	77.02	0.80	ppb
Barium	135-1	276.64	273.50	280.87	277.00	1.34	ppb
Barium	137-1	272.80	275.86	275.90	274.85	0.65	ppb
Beryllium	9-1	1.28	1.42	1.35	1.35	5.32	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.83	1.64	1.74	1.74	5.28	ppb
Cadmium	106-1	2.83	1.79	2.09	2.24	23.91	ppb
Cadmium	111-1	1.24	1.17	1.42	1.27	9.88	ppb
Calcium	43-1	13173.89	13344.43	13340.97	13286.43	0.73	ppb
Calcium	44-1	12803.12	12762.83	12948.24	12838.06	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.47	36.24	36.69	36.47	0.62	ppb
Cobalt	59-2	32.81	32.47	32.39	32.56	0.69	ppb
Copper	63-2	142.61	141.19	142.70	142.17	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				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	56-2	84842.47	84285.01	84542.68	84556.72	0.33	ppb
Iron	57-2	84258.68	83050.14	83597.08	83635.30	0.72	ppb
Iron	54-2	85561.05	84618.80	84610.50	84930.11	0.64	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:00:20	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	60.97	61.74	60.65	61.12	0.92	ppb
Lead	207-1	62.09	64.51	61.32	62.64	2.65	ppb
Lead	208-1	60.60	62.45	60.45	61.17	1.82	ppb
Lithium	6-1				95		%
Magnesium	24-2	13844.78	13785.01	13525.05	13718.28	1.24	ppb
Manganese	55-2	1606.75	1582.65	1590.78	1593.39	0.77	ppb
Molybdenum	94-1	12.22	12.47	12.52	12.40	1.29	ppb
Molybdenum	95-1	0.88	0.78	0.92	0.86	8.46	ppb
Molybdenum	96-1	2.67	2.74	2.58	2.67	2.87	ppb
Molybdenum	97-1	0.84	0.90	0.83	0.86	4.61	ppb
Molybdenum	98-1	0.83	0.83	0.79	0.82	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.04	37.71	37.82	37.86	0.45	ppb
Phosphorus	31-2	2518.96	2478.27	2419.38	2472.20	2.02	ppb
Potassium	39-2	6902.74	6749.39	6928.37	6860.17	1.41	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	82-1	0.69	1.62	0.50	0.93	63.84	ppb
Selenium	77-2	14.09	15.38	17.98	15.82	12.54	ppb
Selenium	78-2	3.96	3.38	2.19	3.18	28.44	ppb
Silicon	28-1	896.98	916.77	893.25	902.33	1.40	ppb
Silver	107-1	0.48	0.43	0.43	0.45	6.53	ppb
Silver	109-1	0.45	0.41	0.43	0.43	4.60	ppb
Sodium	23-2	165.73	166.49	171.16	167.79	1.75	ppb
Strontium	86-1	62.85	64.93	62.91	63.56	1.86	ppb
Strontium	88-1	62.19	63.61	62.53	62.78	1.18	ppb
Sulfur	34-1	-1189.88	-1335.94	-1516.16	-1347.33		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.28	0.25	0.24	0.26	8.44	ppb
Thallium	205-1	0.24	0.25	0.25	0.25	2.29	ppb
Tin	118-1	2.47	2.62	2.63	2.58	3.56	ppb
Titanium	47-1	939.80	963.66	940.81	948.09	1.42	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:00:20	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.79	0.74	0.76	2.82	ppb
Vanadium	51-2	139.42	138.61	140.18	139.40	0.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	293.00	294.50	295.47	294.32	0.42	ppb
Zirconium	90-1	6.71	6.80	6.72	6.74	0.69	ppb
Zirconium	91-1	6.60	6.80	6.21	6.53	4.56	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-12	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:03:37	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34036.97	33501.13	33657.42	33731.84	0.82	ppb
Antimony	121-1	1.23	1.37	1.27	1.29	5.48	ppb
Arsenic	75-2	77.12	77.31	80.65	78.36	2.53	ppb
Barium	135-1	277.38	291.36	273.91	280.88	3.29	ppb
Barium	137-1	280.75	290.17	281.71	284.21	1.82	ppb
Beryllium	9-1	1.48	1.36	1.29	1.38	7.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	1.64	1.92	1.82	8.47	ppb
Cadmium	106-1	1.58	3.08	1.52	2.06	42.96	ppb
Cadmium	111-1	1.23	1.46	1.19	1.29	11.26	ppb
Calcium	43-1	13722.22	14033.28	13712.29	13822.59	1.32	ppb
Calcium	44-1	13007.32	13244.35	13169.10	13140.26	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.18	39.87	40.10	40.05	0.41	ppb
Cobalt	59-2	34.08	33.57	34.02	33.89	0.83	ppb
Copper	63-2	148.43	147.59	146.52	147.51	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				104		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	85758.10	84455.62	84426.03	84879.92	0.90	ppb
Iron	57-2	83494.43	83611.08	83976.17	83693.89	0.30	ppb
Iron	54-2	84535.05	84597.97	84752.30	84628.44	0.13	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-12	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:03:37	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	64.21	62.16	63.03	63.13	1.63	ppb
Lead	207-1	67.30	64.45	66.86	66.21	2.32	ppb
Lead	208-1	64.74	64.11	64.94	64.60	0.67	ppb
Lithium	6-1				94		%
Magnesium	24-2	13822.36	14044.75	13796.25	13887.79	0.98	ppb
Manganese	55-2	1653.52	1631.36	1625.20	1636.70	0.91	ppb
Molybdenum	94-1	12.23	12.63	12.95	12.60	2.85	ppb
Molybdenum	95-1	0.89	0.90	0.93	0.91	2.45	ppb
Molybdenum	96-1	2.59	2.76	2.80	2.72	4.09	ppb
Molybdenum	97-1	0.84	0.96	0.94	0.91	7.18	ppb
Molybdenum	98-1	0.86	0.89	0.88	0.88	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.22	37.29	37.68	37.73	1.25	ppb
Phosphorus	31-2	2410.29	2394.40	2453.78	2419.49	1.27	ppb
Potassium	39-2	6970.07	7068.50	6980.48	7006.35	0.77	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.42	1.20	0.71	0.78	50.63	ppb
Selenium	77-2	18.07	14.52	16.29	16.29	10.89	ppb
Selenium	78-2	3.88	0.97	1.76	2.20	68.32	ppb
Silicon	28-1	857.36	857.65	850.16	855.06	0.50	ppb
Silver	107-1	0.40	0.46	0.41	0.42	7.35	ppb
Silver	109-1	0.39	0.44	0.41	0.41	6.40	ppb
Sodium	23-2	192.86	193.11	196.80	194.26	1.14	ppb
Strontium	86-1	65.28	64.18	66.70	65.39	1.93	ppb
Strontium	88-1	63.92	65.90	66.86	65.56	2.29	ppb
Sulfur	34-1	-1475.06	-1505.26	-1711.82	-1564.04		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.26	0.23	0.26	0.25	6.28	ppb
Thallium	205-1	0.23	0.22	0.24	0.23	4.43	ppb
Tin	118-1	2.47	2.48	2.46	2.47	0.39	ppb
Titanium	47-1	963.47	955.56	951.73	956.92	0.63	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-12	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:03:37	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.77	0.80	0.79	2.00	ppb
Vanadium	51-2	140.65	138.26	138.58	139.16	0.93	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	290.69	288.79	290.78	290.08	0.39	ppb
Zirconium	90-1	6.61	6.58	6.84	6.67	2.14	ppb
Zirconium	91-1	6.73	6.79	6.95	6.82	1.70	ppb

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 18:06:51	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8304.18	6288.14	6921.15	7171.16	14.38	ppb
Antimony	121-1	0.24	0.26	0.24	0.25	3.96	ppb
Arsenic	75-2	19.65	15.23	15.83	16.91	14.18	ppb
Barium	135-1	53.64	54.44	53.69	53.92	0.84	ppb
Barium	137-1	53.79	54.34	53.41	53.85	0.87	ppb
Beryllium	9-1	0.31	0.33	0.30	0.31	3.94	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.25	0.16	0.49	0.30	56.21	ppb
Cadmium	106-1	-1.77	-0.78	-1.32	-1.29		ppb
Cadmium	111-1	0.09	0.16	0.14	0.13	28.99	ppb
Calcium	43-1	2716.95	2727.64	2730.61	2725.07	0.26	ppb
Calcium	44-1	2821.67	2824.48	2831.01	2825.72	0.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.86	6.93	7.51	7.76	12.72	ppb
Cobalt	59-2	7.99	5.95	6.74	6.90	14.91	ppb
Copper	63-2	35.69	26.63	29.71	30.68	15.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	20866.45	15589.63	17323.89	17926.66	15.00	ppb
Iron	57-2	21230.66	16062.19	17739.81	18344.22	14.37	ppb
Iron	54-2	20585.64	15828.62	17381.61	17931.95	13.53	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 18:06:51	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.05	12.01	11.99	12.02	0.22	ppb
Lead	207-1	12.51	12.43	12.42	12.45	0.39	ppb
Lead	208-1	12.10	12.15	12.13	12.13	0.24	ppb
Lithium	6-1				91		%
Magnesium	24-2	3435.90	2582.44	2862.08	2960.14	14.70	ppb
Manganese	55-2	390.76	295.99	327.02	337.92	14.30	ppb
Molybdenum	94-1	2.68	2.76	2.64	2.69	2.30	ppb
Molybdenum	95-1	0.26	0.27	0.29	0.27	6.24	ppb
Molybdenum	96-1	0.68	0.65	0.62	0.65	4.11	ppb
Molybdenum	97-1	0.29	0.26	0.31	0.29	7.82	ppb
Molybdenum	98-1	0.24	0.29	0.25	0.26	9.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.27	6.90	7.84	8.00	14.93	ppb
Phosphorus	31-2	599.27	439.51	482.94	507.24	16.29	ppb
Potassium	39-2	1757.82	1313.59	1458.53	1509.98	15.00	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	-0.24	0.16	0.10	0.01	2509.41	ppb
Selenium	77-2	1.02	1.21	3.09	1.77	64.71	ppb
Selenium	78-2	0.62	-1.08	0.51	0.02	5268.12	ppb
Silicon	28-1	184.47	187.03	185.76	185.76	0.69	ppb
Silver	107-1	0.08	0.08	0.07	0.07	7.86	ppb
Silver	109-1	0.07	0.08	0.07	0.07	5.63	ppb
Sodium	23-2	77.81	54.85	62.88	65.18	17.88	ppb
Strontium	86-1	13.27	13.44	13.47	13.39	0.77	ppb
Strontium	88-1	13.29	13.52	13.58	13.46	1.14	ppb
Sulfur	34-1	-1806.86	-1810.51	-1799.78	-1805.72		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.04	0.03	0.03	2.21	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	8.88	ppb
Tin	118-1	1.52	1.62	1.59	1.58	3.25	ppb
Titanium	47-1	193.02	193.90	195.51	194.14	0.65	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 18:06:51	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.16	0.15	0.16	0.16	2.35	ppb
Vanadium	51-2	33.89	25.36	28.47	29.24	14.76	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	72.74	56.14	62.47	63.78	13.14	ppb
Zirconium	90-1	1.38	1.41	1.37	1.39	1.66	ppb
Zirconium	91-1	1.38	1.33	1.40	1.37	2.55	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-13	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:10:11	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35791.09	36336.97	36482.57	36203.54	1.01	ppb
Antimony	121-1	60.97	61.03	61.32	61.10	0.30	ppb
Arsenic	75-2	102.67	102.57	101.99	102.41	0.36	ppb
Barium	135-1	1537.55	1532.57	1514.72	1528.28	0.79	ppb
Barium	137-1	1525.51	1533.57	1530.32	1529.80	0.27	ppb
Beryllium	9-1	32.44	32.27	31.37	32.02	1.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.70	28.74	29.66	29.04	1.87	ppb
Cadmium	106-1	27.70	29.79	26.23	27.91	6.40	ppb
Cadmium	111-1	32.73	32.58	31.92	32.41	1.33	ppb
Calcium	43-1	14148.24	14432.52	14382.55	14321.10	1.06	ppb
Calcium	44-1	13641.05	13842.58	13704.88	13729.50	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	161.78	162.34	163.82	162.65	0.65	ppb
Cobalt	59-2	338.19	340.70	344.92	341.27	1.00	ppb
Copper	63-2	294.23	295.27	297.55	295.68	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	89019.10	89427.79	90750.94	89732.61	1.01	ppb
Iron	57-2	87971.82	88185.46	89355.59	88504.29	0.84	ppb
Iron	54-2	89212.46	89305.15	89465.53	89327.71	0.14	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-13	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:10:11	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	75.40	75.64	77.47	76.17	1.49	ppb
Lead	207-1	76.66	77.85	77.97	77.49	0.93	ppb
Lead	208-1	75.75	76.17	77.14	76.35	0.93	ppb
Lithium	6-1				91		%
Magnesium	24-2	14326.88	14407.23	14339.54	14357.88	0.30	ppb
Manganese	55-2	1989.20	1980.28	2019.89	1996.45	1.04	ppb
Molybdenum	94-1	13.15	13.42	13.32	13.30	1.03	ppb
Molybdenum	95-1	0.89	0.88	0.92	0.90	2.31	ppb
Molybdenum	96-1	2.73	2.77	2.74	2.75	0.76	ppb
Molybdenum	97-1	0.82	0.88	0.96	0.89	8.10	ppb
Molybdenum	98-1	0.88	0.87	0.84	0.86	2.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	352.62	354.26	357.59	354.82	0.71	ppb
Phosphorus	31-2	2482.48	2510.47	2545.75	2512.90	1.26	ppb
Potassium	39-2	7150.83	7021.20	7213.34	7128.46	1.37	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	41.09	43.06	41.67	41.94	2.42	ppb
Selenium	77-2	53.50	55.21	53.62	54.11	1.77	ppb
Selenium	78-2	45.36	47.52	41.66	44.85	6.62	ppb
Silicon	28-1	955.05	961.22	949.19	955.16	0.63	ppb
Silver	107-1	30.76	31.14	31.08	30.99	0.65	ppb
Silver	109-1	30.48	30.74	30.62	30.61	0.42	ppb
Sodium	23-2	202.15	210.95	213.43	208.84	2.84	ppb
Strontium	86-1	65.88	67.27	67.61	66.92	1.37	ppb
Strontium	88-1	67.38	68.14	68.26	67.93	0.71	ppb
Sulfur	34-1	-1729.73	-1727.36	-1806.35	-1754.48		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	27.63	27.56	27.95	27.71	0.75	ppb
Thallium	205-1	26.72	26.64	27.29	26.88	1.31	ppb
Tin	118-1	2.54	2.54	2.58	2.55	0.90	ppb
Titanium	47-1	1008.39	1010.90	1012.79	1010.69	0.22	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-13	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:10:11	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.83	0.84	0.84	0.46	ppb
Vanadium	51-2	444.14	447.01	450.96	447.37	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	600.42	603.75	609.77	604.65	0.78	ppb
Zirconium	90-1	6.96	6.86	6.87	6.90	0.73	ppb
Zirconium	91-1	6.82	6.88	6.97	6.89	1.06	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11MS	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:13:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33931.02	34127.47	33999.15	34019.21	0.29	ppb
Antimony	121-1	621.43	620.35	623.53	621.77	0.26	ppb
Arsenic	75-2	296.11	297.35	301.31	298.26	0.91	ppb
Barium	135-1	281.82	281.53	283.24	282.20	0.32	ppb
Barium	137-1	284.70	284.26	283.04	284.00	0.30	ppb
Beryllium	9-1	1.26	1.40	1.46	1.37	7.66	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	274.88	272.44	275.42	274.25	0.58	ppb
Cadmium	106-1	261.15	259.93	266.90	262.66	1.42	ppb
Cadmium	111-1	308.77	308.07	311.56	309.47	0.60	ppb
Calcium	43-1	14102.26	14089.20	14538.10	14243.18	1.79	ppb
Calcium	44-1	13213.33	13589.73	13912.22	13571.76	2.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.58	38.09	37.90	38.19	0.92	ppb
Cobalt	59-2	33.43	33.45	34.08	33.65	1.09	ppb
Copper	63-2	146.76	146.51	148.16	147.14	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	87085.45	86572.13	87124.96	86927.52	0.35	ppb
Iron	57-2	86336.76	86116.37	86315.43	86256.19	0.14	ppb
Iron	54-2	86717.64	86272.92	85643.12	86211.23	0.63	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11MS	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:13:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	169.70	171.66	176.29	172.55	1.96	ppb
Lead	207-1	173.25	174.40	179.97	175.87	2.05	ppb
Lead	208-1	183.06	185.62	188.77	185.82	1.54	ppb
Lithium	6-1				91		%
Magnesium	24-2	13993.63	13968.35	14217.78	14059.92	0.98	ppb
Manganese	55-2	1641.35	1634.75	1639.04	1638.38	0.20	ppb
Molybdenum	94-1	12.78	13.11	13.18	13.02	1.64	ppb
Molybdenum	95-1	0.84	0.87	0.96	0.89	7.40	ppb
Molybdenum	96-1	2.72	2.73	2.79	2.75	1.31	ppb
Molybdenum	97-1	0.90	0.88	0.94	0.91	3.33	ppb
Molybdenum	98-1	0.87	0.89	0.82	0.86	4.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.93	39.14	39.34	38.81	1.97	ppb
Phosphorus	31-2	2446.32	2427.41	2456.33	2443.35	0.60	ppb
Potassium	39-2	6999.19	7002.17	7091.12	7030.83	0.74	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	343.79	347.51	346.82	346.04	0.57	ppb
Selenium	77-2	338.91	351.55	351.10	347.19	2.07	ppb
Selenium	78-2	333.51	327.87	322.00	327.79	1.75	ppb
Silicon	28-1	940.59	961.69	986.40	962.89	2.38	ppb
Silver	107-1	0.49	0.43	0.44	0.45	6.95	ppb
Silver	109-1	0.47	0.43	0.44	0.45	4.03	ppb
Sodium	23-2	217.43	214.95	220.90	217.76	1.37	ppb
Strontium	86-1	66.05	65.78	66.86	66.23	0.85	ppb
Strontium	88-1	66.57	66.51	67.71	66.93	1.01	ppb
Sulfur	34-1	-1605.54	-1819.69	-1634.36	-1686.53		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	310.76	305.11	311.98	309.28	1.18	ppb
Thallium	205-1	300.95	305.98	311.16	306.03	1.67	ppb
Tin	118-1	2.44	2.55	2.52	2.50	2.25	ppb
Titanium	47-1	986.46	998.93	1031.76	1005.72	2.33	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11MS	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:13:23	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.82	0.85	0.82	3.58	ppb
Vanadium	51-2	141.27	142.06	143.88	142.40	0.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	295.96	295.56	298.63	296.71	0.56	ppb
Zirconium	90-1	6.77	6.86	6.86	6.83	0.75	ppb
Zirconium	91-1	6.80	6.87	7.15	6.94	2.65	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:17:09	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50764.70	51535.99	50425.55	50908.75	1.12	ppb
Antimony	121-1	492.87	502.67	500.61	498.72	1.04	ppb
Arsenic	75-2	488.40	485.06	491.16	488.21	0.63	ppb
Barium	135-1	2501.95	2491.13	2531.55	2508.21	0.83	ppb
Barium	137-1	2489.02	2476.67	2538.55	2501.41	1.31	ppb
Beryllium	9-1	497.06	502.39	501.30	500.25	0.56	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	465.44	473.92	477.32	472.23	1.30	ppb
Cadmium	106-1	477.16	473.64	479.34	476.72	0.60	ppb
Cadmium	111-1	467.36	470.07	478.81	472.08	1.27	ppb
Calcium	43-1	254824.22	253839.95	262436.15	257033.44	1.83	ppb
Calcium	44-1	254204.30	256119.92	260984.18	257102.80	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.26	530.71	520.08	522.69	1.36	ppb
Cobalt	59-2	501.23	512.45	503.93	505.87	1.16	ppb
Copper	63-2	4982.98	5100.05	4996.63	5026.55	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				83		%
Indium	115-2				81		%
Iron	56-2	134211.82	135250.96	135230.64	134897.81	0.44	ppb
Iron	57-2	132656.46	137327.24	133747.88	134577.19	1.82	ppb
Iron	54-2	133519.84	136083.22	135506.24	135036.44	1.00	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:17:09	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2578.71	2571.21	2595.55	2581.82	0.48	ppb
Lead	207-1	2562.43	2583.67	2614.43	2586.84	1.01	ppb
Lead	208-1	2562.43	2584.61	2606.49	2584.51	0.85	ppb
Lithium	6-1				83		%
Magnesium	24-2	246997.62	250154.38	248579.18	248577.06	0.63	ppb
Manganese	55-2	5156.08	5166.52	5190.25	5170.95	0.34	ppb
Molybdenum	94-1	5162.94	5208.60	5184.27	5185.27	0.44	ppb
Molybdenum	95-1	5120.33	5179.36	5203.69	5167.80	0.83	ppb
Molybdenum	96-1	5184.25	5164.27	5210.02	5186.18	0.44	ppb
Molybdenum	97-1	5136.96	5217.92	5272.03	5208.97	1.31	ppb
Molybdenum	98-1	5133.84	5178.14	5203.17	5171.72	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.41	507.01	503.95	503.12	0.87	ppb
Phosphorus	31-2	9813.16	10049.30	9913.99	9925.48	1.19	ppb
Potassium	39-2	126199.97	128344.76	127057.66	127200.80	0.85	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				79		%
Scandium	45-2				82		%
Selenium	82-1	469.36	474.31	476.38	473.35	0.76	ppb
Selenium	77-2	486.79	473.22	464.93	474.98	2.32	ppb
Selenium	78-2	471.60	480.12	479.80	477.18	1.01	ppb
Silicon	28-1	599.42	608.58	611.55	606.52	1.04	ppb
Silver	107-1	484.29	483.98	488.75	485.67	0.55	ppb
Silver	109-1	477.53	483.29	485.33	482.05	0.84	ppb
Sodium	23-2	253851.36	257433.10	255014.64	255433.03	0.72	ppb
Strontium	86-1	12618.74	12702.15	12781.06	12700.65	0.64	ppb
Strontium	88-1	12586.11	12834.92	12897.21	12772.75	1.29	ppb
Sulfur	34-1	9838.08	9742.96	10024.72	9868.59	1.45	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	520.09	519.63	523.38	521.04	0.39	ppb
Thallium	205-1	511.50	515.19	516.30	514.33	0.49	ppb
Tin	118-1	498.08	499.68	512.97	503.58	1.62	ppb
Titanium	47-1	5119.54	5102.62	5263.58	5161.91	1.71	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:17:09	DataFile Name :	092CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	520.05	525.66	533.02	526.24	1.24	ppb
Vanadium	51-2	518.06	532.11	519.01	523.06	1.50	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%
Zinc	66-2	4962.91	5091.23	4959.83	5004.66	1.50	ppb
Zirconium	90-1	517.94	519.80	523.07	520.27	0.50	ppb
Zirconium	91-1	505.82	509.73	513.45	509.67	0.75	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:21:33	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.88	1.52	1.48	1.62	13.54	ppb
Antimony	121-1	0.24	0.26	0.29	0.26	8.62	ppb
Arsenic	75-2	-0.01	-0.02	0.01	-0.01		ppb
Barium	135-1	0.07	0.07	0.04	0.06	27.81	ppb
Barium	137-1	0.07	0.08	0.04	0.06	39.19	ppb
Beryllium	9-1	0.10	0.03	0.08	0.07	53.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.07	0.01	0.02	229.46	ppb
Cadmium	106-1	-2.71	-2.02	-1.66	-2.13		ppb
Cadmium	111-1	-0.18	-0.12	-0.09	-0.13		ppb
Calcium	43-1	12.10	10.68	6.54	9.77	29.56	ppb
Calcium	44-1	10.44	8.53	6.84	8.60	20.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.02	0.02	28.46	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	40.71	ppb
Copper	63-2	0.27	0.37	0.25	0.30	20.97	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				101		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	4.60	4.24	4.33	4.39	4.29	ppb
Iron	57-2	3.25	0.08	0.24	1.19	150.22	ppb
Iron	54-2	3.48	4.29	3.65	3.80	11.17	ppb
Krypton	83-1						cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:21:33	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.12	0.10	0.13	21.82	ppb
Lead	207-1	0.13	0.12	0.09	0.11	19.33	ppb
Lead	208-1	0.14	0.11	0.10	0.12	17.94	ppb
Lithium	6-1				90		%
Magnesium	24-2	5.74	4.89	5.24	5.29	8.01	ppb
Manganese	55-2	0.11	0.12	0.14	0.12	10.34	ppb
Molybdenum	94-1	0.50	0.37	0.37	0.41	19.07	ppb
Molybdenum	95-1	0.27	0.19	0.20	0.22	18.54	ppb
Molybdenum	96-1	0.27	0.24	0.21	0.24	14.10	ppb
Molybdenum	97-1	0.29	0.22	0.19	0.23	22.12	ppb
Molybdenum	98-1	0.28	0.23	0.20	0.24	16.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	0.02	0.02	57.06	ppb
Phosphorus	31-2	-18.10	-19.29	-18.51	-18.63		ppb
Potassium	39-2	0.85	-0.40	-2.13	-0.56		ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				86		%
Scandium	45-2				86		%
Selenium	82-1	-0.52	-0.32	0.86	0.01	7304.19	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.18	-1.60	-0.81	-0.74		ppb
Silicon	28-1	-0.40	-0.51	-0.37	-0.43		ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.16	ppb
Silver	109-1	0.03	0.04	0.03	0.03	12.30	ppb
Sodium	23-2	30.75	30.96	30.08	30.60	1.51	ppb
Strontium	86-1	0.43	0.35	0.31	0.36	16.43	ppb
Strontium	88-1	0.45	0.37	0.31	0.38	18.04	ppb
Sulfur	34-1	-497.53	-639.57	-635.31	-590.80		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.05	0.05	0.05	3.83	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	15.22	ppb
Tin	118-1	0.96	1.05	0.99	1.00	4.79	ppb
Titanium	47-1	0.22	0.24	0.20	0.22	8.58	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:21:33	DataFile Name :	093CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	16.97	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	61.69	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	0.03	0.15	0.05	0.08	84.43	ppb
Zirconium	90-1	0.15	0.11	0.11	0.12	20.95	ppb
Zirconium	91-1	0.16	0.11	0.08	0.12	34.60	ppb

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:36:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	100	73	84	16.44	cps
Antimony	121-1	33	113	70	72	55.45	cps
Arsenic	75-2	7	0	10	6	91.64	cps
Barium	135-1	50	70	67	62	17.22	cps
Barium	137-1	123	120	113	119	4.29	cps
Beryllium	9-1	73	63	50	62	18.81	cps
Bismuth	209-1	4060213	4169185	4136947	4122115	1.36	cps
Bismuth	209-2	3098220	3055972	3004878	3053023	1.53	cps
Bromine	81-1	7729	7715	7539	7661	1.39	cps
Bromine	81-2	47	73	57	59	22.87	cps
Cadmium	108-1	10	3	3	6	69.34	cps
Cadmium	106-1	2087	2013	2117	2072	2.57	cps
Cadmium	111-1	1457	1407	1486	1450	2.76	cps
Calcium	43-1	160	160	193	171	11.25	cps
Calcium	44-1	2954	2817	3087	2953	4.57	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327	277	290	298	8.69	cps
Cobalt	59-2	63	67	83	71	15.07	cps
Copper	63-2	477	417	453	449	6.74	cps
Dysprosium	156-1	350	303	330	328	7.14	cps
Dysprosium	156-2	33	70	50	51	35.92	cps
Erbium	164-1	27	30	30	29	6.65	cps
Erbium	164-2	27	20	23	23	14.29	cps
Gadolinium	160-1	7	20	27	18	57.27	cps
Gadolinium	160-2	193	207	173	191	8.78	cps
Holmium	165-1	6326190	6387840	6443789	6385940	0.92	cps
Holmium	165-2	4130914	4187169	4125348	4147810	0.82	cps
Indium	115-1	4814982	4777103	4813359	4801815	0.45	cps
Indium	115-2	1463050	1476466	1477899	1472472	0.56	cps
Iron	56-2	6712	6658	6635	6668	0.59	cps
Iron	57-2	720	730	747	732	1.84	cps
Iron	54-2	1100	1047	987	1044	5.43	cps
Krypton	83-1	103	100	100	101	1.90	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:36:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	410	370	410	397	5.82	cps
Lead	207-1	413	373	363	383	6.90	cps
Lead	208-1	1763	1567	1683	1671	5.92	cps
Lithium	6-1	966043	981135	977693	974957	0.81	cps
Magnesium	24-2	797	817	807	807	1.24	cps
Manganese	55-2	267	233	283	261	9.75	cps
Molybdenum	94-1	267	190	277	244	19.40	cps
Molybdenum	95-1	47	20	27	31	44.61	cps
Molybdenum	96-1	87	90	77	84	8.22	cps
Molybdenum	97-1	13	23	23	20	28.87	cps
Molybdenum	98-1	50	37	60	49	23.94	cps
Neodymium	150-1	7	0	3	3	100.05	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	50	57	33	47	25.76	cps
Phosphorus	31-2	107	113	123	114	7.33	cps
Potassium	39-2	32268	33303	32929	32833	1.60	cps
Rhodium	103-1	4232100	4283822	4326527	4280816	1.10	cps
Rhodium	103-2	2372208	2402928	2363662	2379600	0.87	cps
Scandium	45-1	2397725	2413968	2450488	2420727	1.12	cps
Scandium	45-2	200511	202129	200978	201206	0.41	cps
Selenium	82-1	119	188	181	163	23.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	160	140	143	10.66	cps
Silicon	28-1	144801	147454	147376	146544	1.03	cps
Silver	107-1	37	83	80	67	39.05	cps
Silver	109-1	13	67	33	38	71.33	cps
Sodium	23-2	8359	8146	7902	8136	2.81	cps
Strontium	86-1	190	200	143	178	17.01	cps
Strontium	88-1	140	130	133	134	3.79	cps
Sulfur	34-1	145027	145572	145479	145359	0.20	cps
Terbium	159-1	6477858	6585995	6595290	6553048	1.00	cps
Terbium	159-2	3993605	4111975	4118679	4074753	1.73	cps
Thallium	203-1	90	90	153	111	32.91	cps
Thallium	205-1	213	317	313	281	20.89	cps
Tin	118-1	1070	923	1063	1019	8.13	cps
Titanium	47-1	60	53	63	59	8.65	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:36:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	27	23	24	7.89	cps
Vanadium	51-2	17	3	3	8	99.04	cps
Yttrium	89-1	7622603	7685773	7722111	7676829	0.66	cps
Yttrium	89-2	1850582	1853612	1871529	1858575	0.61	cps
Zinc	66-2	140	130	150	140	7.14	cps
Zirconium	90-1	593	677	617	629	6.84	cps
Zirconium	91-1	127	137	137	133	4.33	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:40:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2940	2884	3180	3001	5.25	cps
Antimony	121-1	12839	13426	13513	13260	2.77	cps
Arsenic	75-2	317	293	360	323	10.46	cps
Barium	135-1	17484	17437	17321	17414	0.48	cps
Barium	137-1	29698	30356	29718	29924	1.25	cps
Beryllium	9-1	1163	1230	1197	1197	2.79	cps
Bismuth	209-1	4112992	4158800	3782706	4018166	5.11	cps
Bismuth	209-2	3057345	3033203	3051518	3047355	0.41	cps
Bromine	81-1	7359	7352	7625	7445	2.10	cps
Bromine	81-2	43	70	57	57	23.53	cps
Cadmium	108-1	100	117	100	106	9.12	cps
Cadmium	106-1	2274	2334	2097	2235	5.51	cps
Cadmium	111-1	3235	3162	3055	3150	2.88	cps
Calcium	43-1	8879	9463	9253	9198	3.21	cps
Calcium	44-1	144497	145581	150198	146759	2.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4841	5138	5104	5028	3.23	cps
Cobalt	59-2	3861	3741	3944	3848	2.66	cps
Copper	63-2	5341	5504	5161	5335	3.22	cps
Dysprosium	156-1	303	313	257	291	10.39	cps
Dysprosium	156-2	33	77	73	61	39.46	cps
Erbium	164-1	27	37	17	27	37.50	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	20	17	13	17	20.01	cps
Gadolinium	160-2	163	157	230	183	22.12	cps
Holmium	165-1	6450042	6525817	6012623	6329494	4.38	cps
Holmium	165-2	4204840	4170145	4221215	4198734	0.62	cps
Indium	115-1	4719580	4754676	4373758	4616005	4.56	cps
Indium	115-2	1491227	1489504	1495566	1492099	0.21	cps
Iron	56-2	115398	114384	116423	115402	0.88	cps
Iron	57-2	3530	3677	3674	3627	2.31	cps
Iron	54-2	7148	7395	7138	7227	2.01	cps
Krypton	83-1	103	127	103	111	12.13	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:40:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5538	5254	5254	5349	3.06	cps
Lead	207-1	4664	4781	4771	4739	1.37	cps
Lead	208-1	21667	21690	21487	21615	0.52	cps
Lithium	6-1	978421	893279	911722	927808	4.83	cps
Magnesium	24-2	120246	120268	120312	120275	0.03	cps
Manganese	55-2	2154	2190	2160	2168	0.90	cps
Molybdenum	94-1	12849	12919	12926	12898	0.33	cps
Molybdenum	95-1	15325	15538	15705	15523	1.23	cps
Molybdenum	96-1	16947	17457	17567	17324	1.91	cps
Molybdenum	97-1	9680	9943	9863	9829	1.37	cps
Molybdenum	98-1	25799	25415	25906	25707	1.00	cps
Neodymium	150-1	3	7	17	9	78.08	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	970	957	927	951	2.33	cps
Phosphorus	31-2	273	300	350	308	12.65	cps
Potassium	39-2	172909	169728	172653	171763	1.03	cps
Rhodium	103-1	4294823	4277120	3948362	4173435	4.68	cps
Rhodium	103-2	2368891	2386208	2374382	2376494	0.37	cps
Scandium	45-1	2440832	2436110	2280498	2385813	3.82	cps
Scandium	45-2	205639	203122	205061	204607	0.64	cps
Selenium	82-1	676	680	626	661	4.49	cps
Selenium	77-2	27	60	40	42	39.73	cps
Selenium	78-2	287	257	313	286	9.93	cps
Silicon	28-1	166091	167580	171651	168441	1.71	cps
Silver	107-1	7655	7459	7812	7642	2.32	cps
Silver	109-1	7419	7362	7402	7394	0.39	cps
Sodium	23-2	195855	196864	195396	196038	0.38	cps
Strontium	86-1	2154	2290	2280	2241	3.40	cps
Strontium	88-1	17844	17631	18358	17944	2.08	cps
Sulfur	34-1	143688	142666	146484	144279	1.37	cps
Terbium	159-1	6662718	6648091	6125883	6478897	4.72	cps
Terbium	159-2	4116425	4140404	4114510	4123780	0.35	cps
Thallium	203-1	6355	6048	6135	6179	2.56	cps
Thallium	205-1	14852	15028	15295	15058	1.48	cps
Tin	118-1	27576	28582	29016	28391	2.60	cps
Titanium	47-1	3607	3947	4087	3881	6.36	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:40:22	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20015	20573	20182	20257	1.41	cps
Vanadium	51-2	10234	10290	10437	10320	1.02	cps
Yttrium	89-1	7705972	7697266	7119980	7507739	4.47	cps
Yttrium	89-2	1882755	1870093	1864558	1872468	0.50	cps
Zinc	66-2	2434	2357	2334	2375	2.20	cps
Zirconium	90-1	11138	11778	11508	11475	2.80	cps
Zirconium	91-1	2454	2530	2440	2475	1.96	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:43:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	129702	130778	129840	130107	0.45	cps
Antimony	121-1	313272	319023	321747	318014	1.36	cps
Arsenic	75-2	13997	14277	13413	13895	3.17	cps
Barium	135-1	421177	428390	426323	425297	0.87	cps
Barium	137-1	729718	742845	741724	738096	0.99	cps
Beryllium	9-1	55743	56325	56348	56139	0.61	cps
Bismuth	209-1	4180569	4154387	4199237	4178064	0.54	cps
Bismuth	209-2	3054390	3045690	3035680	3045253	0.31	cps
Bromine	81-1	7729	7795	7262	7595	3.83	cps
Bromine	81-2	43	47	53	48	10.66	cps
Cadmium	108-1	6288	5845	6045	6059	3.67	cps
Cadmium	106-1	10764	10784	10777	10775	0.09	cps
Cadmium	111-1	80569	83715	82887	82390	1.98	cps
Calcium	43-1	93284	94468	96121	94625	1.51	cps
Calcium	44-1	1349649	1381844	1362081	1364525	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109651	109665	108960	109425	0.37	cps
Cobalt	59-2	167678	167877	165804	167120	0.68	cps
Copper	63-2	1195894	1199484	1189877	1195085	0.41	cps
Dysprosium	156-1	253	230	277	253	9.21	cps
Dysprosium	156-2	60	87	73	73	18.18	cps
Erbium	164-1	13	30	40	28	48.51	cps
Erbium	164-2	33	20	30	28	24.98	cps
Gadolinium	160-1	30	30	30	30	0.00	cps
Gadolinium	160-2	160	193	180	178	9.44	cps
Holmium	165-1	6536569	6568176	6571741	6558828	0.30	cps
Holmium	165-2	4216907	4167077	4178934	4187639	0.62	cps
Indium	115-1	4836302	4844393	4852102	4844266	0.16	cps
Indium	115-2	1466015	1469294	1463186	1466165	0.21	cps
Iron	56-2	4852245	4843244	4891837	4862442	0.53	cps
Iron	57-2	129495	129825	128446	129255	0.56	cps
Iron	54-2	282483	283034	281886	282468	0.20	cps
Krypton	83-1	100	113	127	113	11.77	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:43:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1214364	1241155	1251998	1235839	1.57	cps
Lead	207-1	1068169	1096681	1098947	1087932	1.58	cps
Lead	208-1	5175242	5307771	5322510	5268508	1.54	cps
Lithium	6-1	986897	1000383	931694	972991	3.74	cps
Magnesium	24-2	1069496	1068811	1065432	1067913	0.20	cps
Manganese	55-2	850581	843829	847385	847265	0.40	cps
Molybdenum	94-1	1101664	1118978	1123125	1114589	1.02	cps
Molybdenum	95-1	1590752	1615934	1617340	1608009	0.93	cps
Molybdenum	96-1	1751546	1803000	1770185	1774911	1.47	cps
Molybdenum	97-1	1002032	1016940	1012648	1010540	0.76	cps
Molybdenum	98-1	2592414	2653516	2622587	2622839	1.16	cps
Neodymium	150-1	13	30	47	30	55.57	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	42223	42062	41969	42084	0.31	cps
Phosphorus	31-2	6481	6692	6365	6513	2.54	cps
Potassium	39-2	701897	703282	701016	702065	0.16	cps
Rhodium	103-1	4258856	4315070	4304262	4292729	0.69	cps
Rhodium	103-2	2355153	2381120	2339924	2358732	0.88	cps
Scandium	45-1	2433671	2446704	2438786	2439721	0.27	cps
Scandium	45-2	204074	203098	203071	203414	0.28	cps
Selenium	82-1	4723	4906	4653	4761	2.74	cps
Selenium	77-2	483	437	417	446	7.68	cps
Selenium	78-2	1437	1540	1487	1488	3.47	cps
Silicon	28-1	1084486	1104068	1108270	1098942	1.16	cps
Silver	107-1	387361	394908	398477	393582	1.44	cps
Silver	109-1	370115	377206	376813	374711	1.06	cps
Sodium	23-2	1715090	1725700	1700780	1713857	0.73	cps
Strontium	86-1	2478188	2545489	2545287	2522988	1.54	cps
Strontium	88-1	21638324	22146036	22250426	22011596	1.49	cps
Sulfur	34-1	168659	168537	169823	169006	0.42	cps
Terbium	159-1	6710580	6682434	6705830	6699615	0.22	cps
Terbium	159-2	4095414	4130977	4157284	4127892	0.75	cps
Thallium	203-1	300943	306505	307131	304860	1.12	cps
Thallium	205-1	726337	738143	741383	735287	1.08	cps
Tin	118-1	268842	272269	272483	271198	0.75	cps
Titanium	47-1	383070	388530	389911	387170	0.93	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:43:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	981967	1001925	1008312	997401	1.38	cps
Vanadium	51-2	97170	97801	97399	97456	0.33	cps
Yttrium	89-1	7771783	7793285	7769174	7778081	0.17	cps
Yttrium	89-2	1838071	1827715	1834080	1833289	0.28	cps
Zinc	66-2	197869	199943	197751	198521	0.62	cps
Zirconium	90-1	519597	528590	529590	525926	1.05	cps
Zirconium	91-1	115658	117179	118537	117125	1.23	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:46:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313199	311565	308029	310931	0.85	cps
Antimony	121-1	772327	783212	783776	779771	0.83	cps
Arsenic	75-2	33815	32900	32860	33192	1.63	cps
Barium	135-1	1032341	1042239	1051851	1042144	0.94	cps
Barium	137-1	1932921	1922666	1936828	1930805	0.38	cps
Beryllium	9-1	136597	137841	137484	137307	0.47	cps
Bismuth	209-1	4080609	4148477	4120630	4116572	0.83	cps
Bismuth	209-2	2974992	2961485	3006064	2980847	0.77	cps
Bromine	81-1	7419	7225	7305	7316	1.33	cps
Bromine	81-2	30	27	30	29	6.65	cps
Cadmium	108-1	14664	14431	14444	14513	0.90	cps
Cadmium	106-1	23182	23312	23092	23195	0.48	cps
Cadmium	111-1	196891	199026	201146	199021	1.07	cps
Calcium	43-1	222896	225736	227324	225319	1.00	cps
Calcium	44-1	3256900	3263141	3258602	3259548	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	262144	258573	260297	260338	0.69	cps
Cobalt	59-2	400188	396958	397656	398267	0.43	cps
Copper	63-2	2883742	2884787	2840530	2869686	0.88	cps
Dysprosium	156-1	257	247	250	251	2.03	cps
Dysprosium	156-2	110	103	103	106	3.64	cps
Erbium	164-1	40	27	37	34	20.14	cps
Erbium	164-2	10	20	13	14	35.26	cps
Gadolinium	160-1	23	37	33	31	22.31	cps
Gadolinium	160-2	210	210	200	207	2.79	cps
Holmium	165-1	6438566	6479094	6464149	6460603	0.32	cps
Holmium	165-2	4112499	4060629	4212446	4128525	1.87	cps
Indium	115-1	4698149	4616311	4649735	4654732	0.88	cps
Indium	115-2	1405955	1396464	1421359	1407926	0.89	cps
Iron	56-2	11720067	11662841	11549369	11644092	0.75	cps
Iron	57-2	308591	307274	305882	307249	0.44	cps
Iron	54-2	680284	673762	673034	675694	0.59	cps
Krypton	83-1	93	120	117	110	13.21	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:46:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3382075	3453181	3448377	3427878	1.16	cps
Lead	207-1	3008063	3064038	3049242	3040448	0.95	cps
Lead	208-1	13609732	13925608	13918665	13818002	1.31	cps
Lithium	6-1	897606	990196	924666	937489	5.08	cps
Magnesium	24-2	2478963	2468813	2479315	2475697	0.24	cps
Manganese	55-2	2021730	1990853	1981458	1998014	1.05	cps
Molybdenum	94-1	2673675	2753695	2723268	2716879	1.49	cps
Molybdenum	95-1	3876612	3970281	3959922	3935605	1.30	cps
Molybdenum	96-1	4207544	4295743	4276130	4259806	1.09	cps
Molybdenum	97-1	2453282	2485072	2439595	2459316	0.95	cps
Molybdenum	98-1	6356063	6393171	6413598	6387611	0.46	cps
Neodymium	150-1	80	67	83	77	11.50	cps
Neodymium	150-2	20	13	13	16	24.76	cps
Nickel	60-2	100577	98574	99027	99393	1.06	cps
Phosphorus	31-2	15091	15141	15405	15212	1.11	cps
Potassium	39-2	1553766	1534112	1533588	1540489	0.75	cps
Rhodium	103-1	4118338	4061580	4066878	4082265	0.77	cps
Rhodium	103-2	2193388	2222976	2265603	2227323	1.63	cps
Scandium	45-1	2358486	2344766	2329673	2344309	0.61	cps
Scandium	45-2	193282	191787	192935	192668	0.41	cps
Selenium	82-1	11309	11354	11312	11325	0.22	cps
Selenium	77-2	960	1000	1080	1013	6.03	cps
Selenium	78-2	3364	3400	3470	3412	1.59	cps
Silicon	28-1	2405093	2422891	2431690	2419891	0.56	cps
Silver	107-1	940264	954146	954118	949509	0.84	cps
Silver	109-1	897844	904273	913259	905125	0.86	cps
Sodium	23-2	4154465	4126797	4032975	4104746	1.55	cps
Strontium	86-1	6042137	6088738	6111183	6080686	0.58	cps
Strontium	88-1	52795773	53518001	53612934	53308903	0.84	cps
Sulfur	34-1	199616	199167	196584	198455	0.82	cps
Terbium	159-1	6590445	6617372	6635698	6614505	0.34	cps
Terbium	159-2	4005341	3996478	4063512	4021777	0.91	cps
Thallium	203-1	747698	760964	771149	759937	1.55	cps
Thallium	205-1	1987017	2030995	2059445	2025819	1.80	cps
Tin	118-1	652539	662055	669308	661301	1.27	cps
Titanium	47-1	925624	932137	932546	930103	0.42	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:46:55	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2794354	2916047	2918597	2876333	2.47	cps
Vanadium	51-2	234754	230968	230771	232164	0.97	cps
Yttrium	89-1	7480433	7478591	7526128	7495051	0.36	cps
Yttrium	89-2	1763481	1729696	1769334	1754170	1.22	cps
Zinc	66-2	475425	470304	469478	471736	0.68	cps
Zirconium	90-1	1266094	1282472	1288978	1279181	0.92	cps
Zirconium	91-1	282135	284377	287398	284637	0.93	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:49:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	604273	596053	597003	599110	0.75	cps
Antimony	121-1	1505888	1523620	1533714	1521074	0.93	cps
Arsenic	75-2	63605	63277	63019	63301	0.46	cps
Barium	135-1	2132606	2159628	2221963	2171399	2.11	cps
Barium	137-1	3776222	3811303	3762385	3783303	0.67	cps
Beryllium	9-1	267504	268538	267436	267826	0.23	cps
Bismuth	209-1	4019338	4063252	4023168	4035253	0.60	cps
Bismuth	209-2	2986834	2924794	2883565	2931731	1.77	cps
Bromine	81-1	7015	7135	6905	7018	1.64	cps
Bromine	81-2	13	37	43	31	50.64	cps
Cadmium	108-1	27980	28565	28081	28209	1.11	cps
Cadmium	106-1	42037	42920	42124	42360	1.15	cps
Cadmium	111-1	381662	386369	386645	384892	0.73	cps
Calcium	43-1	427589	433383	429989	430320	0.68	cps
Calcium	44-1	6186232	6261485	6243100	6230272	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497545	495917	497197	496886	0.17	cps
Cobalt	59-2	761235	755695	754733	757221	0.46	cps
Copper	63-2	5475161	5432054	5373927	5427047	0.94	cps
Dysprosium	156-1	287	370	250	302	20.35	cps
Dysprosium	156-2	140	150	123	138	9.78	cps
Erbium	164-1	40	40	37	39	4.94	cps
Erbium	164-2	43	27	27	32	29.85	cps
Gadolinium	160-1	43	53	40	46	15.23	cps
Gadolinium	160-2	207	263	270	247	14.11	cps
Holmium	165-1	6376002	6362886	6410792	6383226	0.39	cps
Holmium	165-2	4099841	4074831	4011942	4062204	1.11	cps
Indium	115-1	4481219	4523345	4467428	4490664	0.65	cps
Indium	115-2	1357626	1348616	1342319	1349520	0.57	cps
Iron	56-2	22274429	22295053	22110877	22226786	0.45	cps
Iron	57-2	591197	586913	584527	587546	0.58	cps
Iron	54-2	1308198	1288731	1286432	1294454	0.92	cps
Krypton	83-1	137	120	103	120	13.89	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:49:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6662212	6828907	6728222	6739780	1.25	cps
Lead	207-1	5897439	6016336	6050484	5988086	1.34	cps
Lead	208-1	26823433	27334709	27340135	27166092	1.09	cps
Lithium	6-1	968546	981173	979545	976421	0.70	cps
Magnesium	24-2	4893851	4846002	4749133	4829662	1.53	cps
Manganese	55-2	3830526	3814492	3766591	3803870	0.87	cps
Molybdenum	94-1	5253537	5280569	5225100	5253069	0.53	cps
Molybdenum	95-1	7500588	7588258	7567279	7552042	0.61	cps
Molybdenum	96-1	8196760	8271779	8209660	8226066	0.49	cps
Molybdenum	97-1	4708340	4797753	4721306	4742466	1.02	cps
Molybdenum	98-1	12200042	12354835	12370003	12308293	0.76	cps
Neodymium	150-1	113	160	133	136	17.27	cps
Neodymium	150-2	37	37	37	37	0.00	cps
Nickel	60-2	188333	187297	186291	187307	0.55	cps
Phosphorus	31-2	29295	29281	29762	29446	0.93	cps
Potassium	39-2	2887251	2891152	2883877	2887427	0.13	cps
Rhodium	103-1	3905254	3910728	3889797	3901926	0.28	cps
Rhodium	103-2	2174280	2139385	2096742	2136802	1.82	cps
Scandium	45-1	2237293	2228366	2223756	2229805	0.31	cps
Scandium	45-2	184052	184575	181478	183369	0.90	cps
Selenium	82-1	21379	22051	22042	21824	1.77	cps
Selenium	77-2	1850	1957	1933	1913	2.93	cps
Selenium	78-2	6448	6522	6265	6411	2.06	cps
Silicon	28-1	4410412	4428424	4440423	4426420	0.34	cps
Silver	107-1	1870581	1868269	1897821	1878890	0.87	cps
Silver	109-1	1793860	1807800	1797308	1799656	0.40	cps
Sodium	23-2	8001164	8006952	7966634	7991583	0.27	cps
Strontium	86-1	11680701	11837916	12020076	11846231	1.43	cps
Strontium	88-1	103242332	103919982	103371105	103511140	0.35	cps
Sulfur	34-1	241160	241977	240078	241071	0.40	cps
Terbium	159-1	6458086	6563144	6516426	6512552	0.81	cps
Terbium	159-2	3990037	3954192	3914197	3952809	0.96	cps
Thallium	203-1	1492168	1514830	1516447	1507815	0.90	cps
Thallium	205-1	3993415	4031721	4001525	4008887	0.50	cps
Tin	118-1	1271708	1286440	1288924	1282357	0.73	cps
Titanium	47-1	1719804	1739662	1729650	1729705	0.57	cps

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LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:49:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5714168	5717972	5861741	5764627	1.46	cps
Vanadium	51-2	446904	442416	443321	444213	0.53	cps
Yttrium	89-1	7357353	7300492	7262981	7306942	0.65	cps
Yttrium	89-2	1699960	1705093	1653960	1686337	1.67	cps
Zinc	66-2	911556	902506	905135	906399	0.51	cps
Zirconium	90-1	2462511	2500455	2455070	2472679	0.98	cps
Zirconium	91-1	542853	553365	552947	549721	1.08	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:52:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1158022	1161787	1161973	1160594	0.19	cps
Antimony	121-1	3010631	3046826	3096447	3051301	1.41	cps
Arsenic	75-2	123787	123727	123247	123587	0.24	cps
Barium	135-1	4134017	4249008	4240182	4207736	1.52	cps
Barium	137-1	7154538	7307705	7354707	7272317	1.44	cps
Beryllium	9-1	499401	508248	508111	505253	1.00	cps
Bismuth	209-1	3996986	3975217	4011846	3994683	0.46	cps
Bismuth	209-2	2880110	2800088	2834969	2838389	1.41	cps
Bromine	81-1	6265	6385	6015	6221	3.04	cps
Bromine	81-2	27	47	23	32	39.17	cps
Cadmium	108-1	53535	54104	53709	53783	0.54	cps
Cadmium	106-1	77659	79378	78514	78517	1.09	cps
Cadmium	111-1	722377	734901	733503	730260	0.94	cps
Calcium	43-1	819026	829499	830710	826412	0.78	cps
Calcium	44-1	11865036	12161009	12075098	12033714	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	956556	951139	957152	954949	0.35	cps
Cobalt	59-2	1466279	1450139	1452917	1456445	0.59	cps
Copper	63-2	10411572	10405020	10361042	10392545	0.26	cps
Dysprosium	156-1	337	307	273	306	10.37	cps
Dysprosium	156-2	163	250	277	230	25.76	cps
Erbium	164-1	70	73	70	71	2.70	cps
Erbium	164-2	30	40	43	38	18.36	cps
Gadolinium	160-1	43	67	87	66	33.09	cps
Gadolinium	160-2	163	200	217	193	14.11	cps
Holmium	165-1	6256171	6306536	6401794	6321500	1.17	cps
Holmium	165-2	4035103	3954276	3964036	3984472	1.11	cps
Indium	115-1	4321879	4370794	4311307	4334660	0.73	cps
Indium	115-2	1307920	1303489	1302417	1304609	0.22	cps
Iron	56-2	43009614	42733678	42883753	42875682	0.32	cps
Iron	57-2	1126552	1130614	1130706	1129291	0.21	cps
Iron	54-2	2415170	2417194	2411200	2414521	0.13	cps
Krypton	83-1	93	110	100	101	8.30	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:52:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13201221	13502253	13627544	13443673	1.63	cps
Lead	207-1	11574042	11834504	11999973	11802840	1.82	cps
Lead	208-1	53086104	54219121	54474390	53926538	1.37	cps
Lithium	6-1	944993	953857	950278	949709	0.47	cps
Magnesium	24-2	9313378	9348982	9292453	9318271	0.31	cps
Manganese	55-2	7365380	7401891	7369095	7378789	0.27	cps
Molybdenum	94-1	10120651	10096590	10150883	10122708	0.27	cps
Molybdenum	95-1	14549534	14669624	14746361	14655173	0.68	cps
Molybdenum	96-1	15818542	16010316	16055137	15961332	0.79	cps
Molybdenum	97-1	9155007	9155533	9243895	9184812	0.56	cps
Molybdenum	98-1	23860672	23895890	24006704	23921089	0.32	cps
Neodymium	150-1	240	307	297	281	12.79	cps
Neodymium	150-2	27	67	70	54	44.29	cps
Nickel	60-2	357270	358830	359141	358414	0.28	cps
Phosphorus	31-2	56380	56450	56132	56321	0.30	cps
Potassium	39-2	5570225	5617546	5568957	5585576	0.50	cps
Rhodium	103-1	3730874	3772263	3771807	3758314	0.63	cps
Rhodium	103-2	2064549	2050417	2042454	2052473	0.55	cps
Scandium	45-1	2178224	2188945	2189673	2185614	0.29	cps
Scandium	45-2	178255	179347	180258	179287	0.56	cps
Selenium	82-1	41026	41466	41260	41251	0.53	cps
Selenium	77-2	3697	3530	3737	3655	3.00	cps
Selenium	78-2	12562	12836	12582	12660	1.20	cps
Silicon	28-1	8156637	8235363	8246909	8212970	0.60	cps
Silver	107-1	3540308	3569254	3598587	3569383	0.82	cps
Silver	109-1	3366058	3389768	3416379	3390735	0.74	cps
Sodium	23-2	15571425	15326626	15498421	15465491	0.81	cps
Strontium	86-1	22495023	22973362	23065910	22844765	1.34	cps
Strontium	88-1	197014790	201074024	202551617	200213477	1.43	cps
Sulfur	34-1	328924	329849	326912	328562	0.46	cps
Terbium	159-1	6431441	6536236	6441487	6469722	0.89	cps
Terbium	159-2	3935471	3869057	3910404	3904978	0.86	cps
Thallium	203-1	3286952	3315667	3333970	3312197	0.72	cps
Thallium	205-1	7778852	8107741	8109438	7998677	2.38	cps
Tin	118-1	2589177	2574276	2625423	2596292	1.01	cps
Titanium	47-1	3325980	3373882	3394794	3364886	1.05	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:52:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11383786	11497744	11681583	11521037	1.30	cps
Vanadium	51-2	864357	861227	860724	862103	0.23	cps
Yttrium	89-1	7099016	7174249	7128962	7134076	0.53	cps
Yttrium	89-2	1653688	1639008	1640761	1644486	0.49	cps
Zinc	66-2	1726109	1750332	1760717	1745720	1.02	cps
Zirconium	90-1	4756245	4816800	4800440	4791161	0.65	cps
Zirconium	91-1	1056741	1069753	1077980	1068158	1.00	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:55:44	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2219203	2226393	2213824	2219807	0.28	cps
Antimony	121-1	5966815	6157409	6164185	6096136	1.84	cps
Arsenic	75-2	237655	238872	237230	237919	0.36	cps
Barium	135-1	8226707	8438889	8506841	8390812	1.74	cps
Barium	137-1	14363043	14625562	14689994	14559533	1.19	cps
Beryllium	9-1	974735	991884	995684	987434	1.13	cps
Bismuth	209-1	3913468	3942542	4038152	3964721	1.65	cps
Bismuth	209-2	2788767	2782419	2786569	2785918	0.12	cps
Bromine	81-1	6505	6131	6078	6238	3.73	cps
Bromine	81-2	27	50	37	38	30.98	cps
Cadmium	108-1	104929	106229	105718	105625	0.62	cps
Cadmium	106-1	149032	150419	152871	150774	1.29	cps
Cadmium	111-1	1408289	1425477	1441181	1424982	1.15	cps
Calcium	43-1	1543937	1546074	1545521	1545178	0.07	cps
Calcium	44-1	23303814	23602515	23615630	23507320	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1813360	1835438	1827551	1825450	0.61	cps
Cobalt	59-2	2789292	2824508	2800647	2804815	0.64	cps
Copper	63-2	19783523	19788349	19755366	19775746	0.09	cps
Dysprosium	156-1	353	353	413	373	9.28	cps
Dysprosium	156-2	330	337	403	357	11.37	cps
Erbium	164-1	90	93	87	90	3.70	cps
Erbium	164-2	100	63	93	86	22.83	cps
Gadolinium	160-1	107	90	93	97	9.13	cps
Gadolinium	160-2	200	193	190	194	2.62	cps
Holmium	165-1	6368700	6395045	6466532	6410092	0.79	cps
Holmium	165-2	3952027	3997930	4012266	3987408	0.79	cps
Indium	115-1	4256878	4222652	4261078	4246869	0.50	cps
Indium	115-2	1249627	1259285	1260655	1256522	0.48	cps
Iron	56-2	82505717	83417255	83091855	83004943	0.56	cps
Iron	57-2	2108716	2110648	2103242	2107536	0.18	cps
Iron	54-2	4575066	4635370	4611456	4607297	0.66	cps
Krypton	83-1	113	93	127	111	15.10	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:55:44	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26315545	26577033	27118057	26670212	1.53	cps
Lead	207-1	23060292	23501523	23576407	23379407	1.19	cps
Lead	208-1	104914696	106805353	108433498	106717849	1.65	cps
Lithium	6-1	943207	950992	945460	946553	0.42	cps
Magnesium	24-2	17848591	17946683	18153304	17982860	0.86	cps
Manganese	55-2	14124109	14393981	14406920	14308336	1.12	cps
Molybdenum	94-1	19708291	20027931	20308851	20015025	1.50	cps
Molybdenum	95-1	28498241	29073385	29136632	28902753	1.22	cps
Molybdenum	96-1	31067868	31701320	32001265	31590151	1.51	cps
Molybdenum	97-1	17909463	18143482	18288794	18113913	1.06	cps
Molybdenum	98-1	46921798	47728989	47470398	47373728	0.87	cps
Neodymium	150-1	583	517	540	547	6.19	cps
Neodymium	150-2	117	113	110	113	2.94	cps
Nickel	60-2	681868	684385	682332	682862	0.20	cps
Phosphorus	31-2	109290	109854	109095	109413	0.36	cps
Potassium	39-2	10670161	10830317	10921394	10807291	1.18	cps
Rhodium	103-1	3641395	3656641	3630183	3642740	0.36	cps
Rhodium	103-2	2002474	2032942	2000651	2012022	0.90	cps
Scandium	45-1	2125770	2148977	2130464	2135070	0.57	cps
Scandium	45-2	178279	179570	177664	178504	0.54	cps
Selenium	82-1	79726	80908	80837	80490	0.82	cps
Selenium	77-2	7012	7222	6788	7007	3.09	cps
Selenium	78-2	24303	22995	23990	23762	2.88	cps
Silicon	28-1	15491904	15530873	15576522	15533100	0.27	cps
Silver	107-1	6741634	6856587	6872083	6823435	1.04	cps
Silver	109-1	6564299	6605768	6697799	6622622	1.03	cps
Sodium	23-2	29931892	30251802	30222134	30135276	0.59	cps
Strontium	86-1	44875574	45454314	45406523	45245470	0.71	cps
Strontium	88-1	392909821	398029634	398778941	396572799	0.81	cps
Sulfur	34-1	520333	526164	525988	524162	0.63	cps
Terbium	159-1	6432756	6454030	6508540	6465109	0.60	cps
Terbium	159-2	3874014	3879816	3902086	3885305	0.38	cps
Thallium	203-1	6457983	6477244	6641204	6525477	1.54	cps
Thallium	205-1	15830161	15962283	16184238	15992227	1.12	cps
Tin	118-1	5010069	5090760	5179997	5093609	1.67	cps
Titanium	47-1	6444697	6512930	6552119	6503249	0.84	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:55:44	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22725857	23146987	23501260	23124701	1.68	cps
Vanadium	51-2	1653679	1667295	1672309	1664428	0.58	cps
Yttrium	89-1	7064374	7072134	7074367	7070291	0.07	cps
Yttrium	89-2	1602892	1622942	1640886	1622240	1.17	cps
Zinc	66-2	3316948	3369782	3356965	3347898	0.82	cps
Zirconium	90-1	9356102	9561377	9535310	9484263	1.18	cps
Zirconium	91-1	2086289	2145993	2115474	2115919	1.41	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:58:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11335882	11533901	11454154	11441312	0.87	cps
Antimony	121-1	5294	5098	5358	5250	2.58	cps
Arsenic	75-2	143	167	110	140	20.34	cps
Barium	135-1	3080	3177	2977	3078	3.25	cps
Barium	137-1	5224	5008	4878	5036	3.48	cps
Beryllium	9-1	313	350	293	319	9.01	cps
Bismuth	209-1	3465177	3473627	3607302	3515369	2.27	cps
Bismuth	209-2	2541833	2523497	2525370	2530233	0.40	cps
Bromine	81-1	6331	6938	6892	6720	5.03	cps
Bromine	81-2	43	70	40	51	32.17	cps
Cadmium	108-1	50	57	40	49	17.16	cps
Cadmium	106-1	1923	2000	1753	1892	6.67	cps
Cadmium	111-1	1628	1597	1476	1567	5.13	cps
Calcium	43-1	6759403	6981718	7132980	6958034	2.70	cps
Calcium	44-1	108496842	110219162	113051045	110589016	2.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7142	7152	6935	7076	1.73	cps
Cobalt	59-2	7682	7652	7599	7644	0.55	cps
Copper	63-2	3924	4057	4024	4002	1.73	cps
Dysprosium	156-1	477	463	553	498	9.76	cps
Dysprosium	156-2	270	160	197	209	26.81	cps
Erbium	164-1	217	207	247	223	9.32	cps
Erbium	164-2	120	167	133	140	17.17	cps
Gadolinium	160-1	243	257	260	253	3.48	cps
Gadolinium	160-2	287	330	263	293	11.53	cps
Holmium	165-1	6083918	6105860	5990948	6060242	1.01	cps
Holmium	165-2	3978582	3912986	3859342	3916970	1.52	cps
Indium	115-1	4082379	4096547	3964778	4047901	1.79	cps
Indium	115-2	1263692	1251806	1246143	1253881	0.71	cps
Iron	56-2	412104327	409009167	408502234	409871909	0.48	cps
Iron	57-2	10289068	10228652	10291368	10269696	0.35	cps
Iron	54-2	22393673	22412583	22431979	22412745	0.09	cps
Krypton	83-1	110	143	167	140	20.34	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:58:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5344	5154	4658	5052	7.02	cps
Lead	207-1	4671	4251	4117	4346	6.65	cps
Lead	208-1	21163	20536	19186	20295	4.98	cps
Lithium	6-1	897274	914215	946879	919456	2.74	cps
Magnesium	24-2	98578135	97692625	98444965	98238575	0.49	cps
Manganese	55-2	8402	8523	8412	8446	0.79	cps
Molybdenum	94-1	6278	6505	6522	6435	2.11	cps
Molybdenum	95-1	6742	6705	6995	6814	2.32	cps
Molybdenum	96-1	12379	11902	11992	12091	2.10	cps
Molybdenum	97-1	4227	4241	4304	4257	0.96	cps
Molybdenum	98-1	10534	10340	10250	10375	1.40	cps
Neodymium	150-1	127	133	133	131	2.94	cps
Neodymium	150-2	77	60	60	66	14.68	cps
Nickel	60-2	3284	3020	3244	3183	4.46	cps
Phosphorus	31-2	183	147	170	167	11.14	cps
Potassium	39-2	55638584	55744498	55471904	55618329	0.25	cps
Rhodium	103-1	3421643	3343779	3406414	3390612	1.22	cps
Rhodium	103-2	1883225	1891285	1866247	1880252	0.68	cps
Scandium	45-1	2052897	2147940	2158128	2119655	2.74	cps
Scandium	45-2	185662	183138	181607	183469	1.12	cps
Selenium	82-1	223	168	163	185	18.17	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	90	130	117	112	18.15	cps
Silicon	28-1	169615	171105	169858	170193	0.47	cps
Silver	107-1	923	947	840	903	6.21	cps
Silver	109-1	860	840	690	797	11.66	cps
Sodium	23-2	153638844	154403451	153320344	153787547	0.36	cps
Strontium	86-1	7559	7172	7072	7267	3.54	cps
Strontium	88-1	61896	63794	61638	62443	1.89	cps
Sulfur	34-1	117743	116872	120242	118286	1.48	cps
Terbium	159-1	6368971	6136924	6212051	6239315	1.90	cps
Terbium	159-2	3830076	3757916	3795057	3794350	0.95	cps
Thallium	203-1	770	593	650	671	13.44	cps
Thallium	205-1	1880	1847	1590	1772	8.95	cps
Tin	118-1	5318	5438	5568	5441	2.30	cps
Titanium	47-1	1293	1350	1450	1365	5.81	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 12:58:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1033	987	957	992	3.89	cps
Vanadium	51-2	593	513	573	560	7.43	cps
Yttrium	89-1	6733720	6815932	7075052	6874901	2.59	cps
Yttrium	89-2	1632499	1628485	1633541	1631508	0.16	cps
Zinc	66-2	1223	1337	1240	1267	4.83	cps
Zirconium	90-1	6885	6365	6208	6486	5.46	cps
Zirconium	91-1	1503	1427	1417	1449	3.27	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICV015	Instrumnet Name :	P7
Client Sample ID :	ICV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:14:37	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60525	60820	60000	60448	0.69	cps
Antimony	121-1	1191914	1198124	1203093	1197710	0.47	cps
Arsenic	75-2	51686	52292	52134	52037	0.60	cps
Barium	135-1	155023	162202	163166	160130	2.78	cps
Barium	137-1	270321	275600	279793	275238	1.72	cps
Beryllium	9-1	108962	109240	109693	109298	0.34	cps
Bismuth	209-1	4067268	4030389	4128601	4075420	1.22	cps
Bismuth	209-2	2945106	2913534	2937093	2931911	0.56	cps
Bromine	81-1	7495	6892	6885	7091	4.94	cps
Bromine	81-2	47	47	57	50	11.55	cps
Cadmium	108-1	9907	10390	10117	10138	2.39	cps
Cadmium	106-1	15318	15635	15505	15486	1.03	cps
Cadmium	111-1	153456	155720	154007	154394	0.76	cps
Calcium	43-1	30120	30808	31266	30731	1.88	cps
Calcium	44-1	497246	501701	501245	500064	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203118	203909	202104	203044	0.45	cps
Cobalt	59-2	313545	312572	312330	312816	0.21	cps
Copper	63-2	208765	208375	207224	208122	0.38	cps
Dysprosium	156-1	187	170	143	167	13.11	cps
Dysprosium	156-2	30	17	40	29	40.51	cps
Erbium	164-1	30	20	13	21	39.75	cps
Erbium	164-2	0	17	23	13	90.13	cps
Gadolinium	160-1	10	13	13	12	15.73	cps
Gadolinium	160-2	200	113	183	166	27.78	cps
Holmium	165-1	6173915	6521509	6506583	6400669	3.07	cps
Holmium	165-2	3976027	3940589	3987312	3967976	0.61	cps
Indium	115-1	4550322	4677871	4756226	4661473	2.23	cps
Indium	115-2	1373850	1370651	1386908	1377137	0.63	cps
Iron	56-2	3521990	3531267	3552826	3535361	0.45	cps
Iron	57-2	92536	92210	91654	92133	0.48	cps
Iron	54-2	210044	211639	208607	210097	0.72	cps
Krypton	83-1	83	110	90	94	14.70	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICV015	Instrumnet Name :	P7
Client Sample ID :	ICV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:14:37	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	976398	963510	967891	969266	0.68	cps
Lead	207-1	800665	835853	842498	826339	2.72	cps
Lead	208-1	4003890	4026267	4133379	4054512	1.71	cps
Lithium	6-1	964963	984281	1002044	983763	1.89	cps
Magnesium	24-2	240071	236487	238033	238197	0.75	cps
Manganese	55-2	155689	157636	155521	156282	0.75	cps
Molybdenum	94-1	747	750	877	791	9.37	cps
Molybdenum	95-1	80	113	107	100	17.64	cps
Molybdenum	96-1	323	357	303	328	8.22	cps
Molybdenum	97-1	77	100	97	91	13.85	cps
Molybdenum	98-1	213	183	210	202	8.13	cps
Neodymium	150-1	7	7	17	10	57.72	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	78467	79814	78366	78882	1.02	cps
Phosphorus	31-2	120	77	87	94	24.02	cps
Potassium	39-2	518080	513301	509503	513628	0.84	cps
Rhodium	103-1	4009699	3997190	4117776	4041555	1.64	cps
Rhodium	103-2	2186546	2185667	2204665	2192292	0.49	cps
Scandium	45-1	2233523	2328174	2316500	2292732	2.25	cps
Scandium	45-2	189252	186614	189060	188308	0.78	cps
Selenium	82-1	17469	18163	17837	17823	1.95	cps
Selenium	77-2	1447	1683	1500	1543	8.04	cps
Selenium	78-2	5308	5441	5658	5469	3.23	cps
Silicon	28-1	137783	140974	142757	140504	1.79	cps
Silver	107-1	356261	362453	360979	359897	0.90	cps
Silver	109-1	333465	341720	345547	340244	1.81	cps
Sodium	23-2	668576	659673	660414	662887	0.75	cps
Strontium	86-1	663	613	630	636	4.01	cps
Strontium	88-1	4281	4364	4317	4321	0.97	cps
Sulfur	34-1	138746	135703	132942	135797	2.14	cps
Terbium	159-1	6340279	6373496	6519205	6410994	1.48	cps
Terbium	159-2	3873582	3874465	3891439	3879829	0.26	cps
Thallium	203-1	1157618	1182982	1207760	1182787	2.12	cps
Thallium	205-1	3152826	3157185	3207687	3172566	0.96	cps
Tin	118-1	1060	1117	1213	1130	6.86	cps
Titanium	47-1	107	133	117	119	11.33	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICV015	Instrumnet Name :	P7
Client Sample ID :	ICV015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:14:37	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	43	27	28	54.11	cps
Vanadium	51-2	178495	177339	176290	177374	0.62	cps
Yttrium	89-1	7338687	7328874	7371699	7346420	0.31	cps
Yttrium	89-2	1696390	1703855	1736833	1712359	1.26	cps
Zinc	66-2	71295	72615	71034	71648	1.18	cps
Zirconium	90-1	1800	1763	1853	1806	2.51	cps
Zirconium	91-1	493	453	517	488	6.57	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICB015	Instrumnet Name :	P7
Client Sample ID :	ICB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:17:55	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	123	63	107	98	31.68	cps
Antimony	121-1	847	843	1053	914	13.15	cps
Arsenic	75-2	13	3	10	9	57.30	cps
Barium	135-1	63	60	57	60	5.55	cps
Barium	137-1	100	127	87	104	19.50	cps
Beryllium	9-1	110	107	93	103	8.54	cps
Bismuth	209-1	3958754	4009973	4016008	3994912	0.79	cps
Bismuth	209-2	2871286	2949518	2912598	2911134	1.34	cps
Bromine	81-1	6592	6975	7022	6863	3.44	cps
Bromine	81-2	63	53	57	58	8.81	cps
Cadmium	108-1	13	0	3	6	124.93	cps
Cadmium	106-1	2064	1913	1857	1945	5.49	cps
Cadmium	111-1	1438	1346	1301	1362	5.15	cps
Calcium	43-1	170	163	150	161	6.32	cps
Calcium	44-1	2760	2764	2910	2811	3.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	227	240	287	251	12.55	cps
Cobalt	59-2	53	70	87	70	23.81	cps
Copper	63-2	460	437	570	489	14.57	cps
Dysprosium	156-1	210	157	150	172	19.09	cps
Dysprosium	156-2	17	30	20	22	31.22	cps
Erbium	164-1	30	3	20	18	75.79	cps
Erbium	164-2	17	10	3	10	66.70	cps
Gadolinium	160-1	10	10	20	13	43.30	cps
Gadolinium	160-2	163	183	187	178	7.10	cps
Holmium	165-1	6176259	6302476	6280248	6252994	1.08	cps
Holmium	165-2	3925510	4039183	3981174	3981956	1.43	cps
Indium	115-1	4479065	4548480	4537846	4521797	0.83	cps
Indium	115-2	1370640	1376712	1383292	1376881	0.46	cps
Iron	56-2	6478	6358	6281	6373	1.56	cps
Iron	57-2	620	547	643	603	8.36	cps
Iron	54-2	933	977	1000	970	3.49	cps
Krypton	83-1	110	147	97	118	21.98	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICB015	Instrumnet Name :	P7
Client Sample ID :	ICB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:17:55	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	550	607	513	557	8.45	cps
Lead	207-1	443	517	420	460	10.97	cps
Lead	208-1	2187	2257	2037	2160	5.20	cps
Lithium	6-1	974100	988469	985266	982612	0.77	cps
Magnesium	24-2	960	987	1110	1019	7.85	cps
Manganese	55-2	230	210	230	223	5.17	cps
Molybdenum	94-1	307	303	270	293	6.91	cps
Molybdenum	95-1	70	67	53	63	13.93	cps
Molybdenum	96-1	120	127	140	129	7.90	cps
Molybdenum	97-1	40	33	17	30	40.05	cps
Molybdenum	98-1	67	80	123	90	32.92	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	53	60	47	53	12.50	cps
Phosphorus	31-2	97	103	140	113	20.59	cps
Potassium	39-2	31693	31115	31977	31595	1.39	cps
Rhodium	103-1	3952678	4060123	4016945	4009916	1.35	cps
Rhodium	103-2	2204374	2206110	2208775	2206420	0.10	cps
Scandium	45-1	2256492	2270072	2302752	2276439	1.04	cps
Scandium	45-2	185382	186542	187038	186321	0.46	cps
Selenium	82-1	143	89	149	127	25.96	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	110	90	107	14.32	cps
Silicon	28-1	130876	132343	131898	131706	0.57	cps
Silver	107-1	260	227	173	220	19.87	cps
Silver	109-1	260	197	203	220	15.82	cps
Sodium	23-2	11378	11244	11404	11342	0.76	cps
Strontium	86-1	173	157	163	164	5.10	cps
Strontium	88-1	243	173	157	191	24.06	cps
Sulfur	34-1	130599	131237	132831	131556	0.87	cps
Terbium	159-1	6313729	6385701	6297223	6332218	0.74	cps
Terbium	159-2	3878126	3879610	3853679	3870472	0.38	cps
Thallium	203-1	260	240	250	250	4.00	cps
Thallium	205-1	623	577	643	614	5.57	cps
Tin	118-1	880	1050	1057	996	10.06	cps
Titanium	47-1	83	70	67	73	12.02	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICB015	Instrumnet Name :	P7
Client Sample ID :	ICB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:17:55	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	7	20	14	48.02	cps
Vanadium	51-2	13	13	10	12	15.73	cps
Yttrium	89-1	7199827	7197789	7195393	7197670	0.03	cps
Yttrium	89-2	1728077	1716867	1737947	1727630	0.61	cps
Zinc	66-2	147	130	160	146	10.33	cps
Zirconium	90-1	777	797	753	776	2.80	cps
Zirconium	91-1	177	183	160	173	6.94	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSA015	Instrumnet Name :	P7
Client Sample ID :	ICSA015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:21:19	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11105016	11025868	11187854	11106246	0.73	cps
Antimony	121-1	7229	7159	7355	7247	1.38	cps
Arsenic	75-2	93	107	90	97	9.13	cps
Barium	135-1	2324	2437	2577	2446	5.19	cps
Barium	137-1	4281	4221	4211	4237	0.89	cps
Beryllium	9-1	457	407	377	413	9.78	cps
Bismuth	209-1	3852613	3963416	4010243	3942091	2.05	cps
Bismuth	209-2	2918966	2990143	2866624	2925244	2.12	cps
Bromine	81-1	7255	6768	7095	7040	3.53	cps
Bromine	81-2	137	97	100	111	19.98	cps
Cadmium	108-1	883	820	783	829	6.10	cps
Cadmium	106-1	1773	1883	1877	1845	3.34	cps
Cadmium	111-1	1693	1924	1859	1825	6.53	cps
Calcium	43-1	1440069	1467530	1460352	1455984	0.98	cps
Calcium	44-1	22822294	23350104	23207434	23126610	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40772	41046	41951	41256	1.50	cps
Cobalt	59-2	3814	3781	4074	3889	4.13	cps
Copper	63-2	16579	17127	16693	16800	1.72	cps
Dysprosium	156-1	187	150	123	153	20.74	cps
Dysprosium	156-2	50	20	40	37	41.66	cps
Erbium	164-1	30	53	70	51	39.31	cps
Erbium	164-2	20	47	57	41	46.11	cps
Gadolinium	160-1	43	47	57	49	14.20	cps
Gadolinium	160-2	183	270	163	206	27.58	cps
Holmium	165-1	6308785	6576087	6551896	6478923	2.28	cps
Holmium	165-2	4266357	4363845	4172185	4267462	2.25	cps
Indium	115-1	4272691	4494836	4414962	4394163	2.56	cps
Indium	115-2	1382304	1420495	1358357	1387052	2.26	cps
Iron	56-2	180316177	180809057	181629657	180918297	0.37	cps
Iron	57-2	4521368	4463160	4521567	4502032	0.75	cps
Iron	54-2	9863987	9825270	9965002	9884753	0.73	cps
Krypton	83-1	110	77	97	94	17.76	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSA015	Instrumnet Name :	P7
Client Sample ID :	ICSA015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:21:19	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22632	23771	23407	23270	2.50	cps
Lead	207-1	18366	18953	19040	18786	1.95	cps
Lead	208-1	86367	88371	88662	87800	1.42	cps
Lithium	6-1	930252	968024	947870	948715	1.99	cps
Magnesium	24-2	19308039	19205548	19554635	19356074	0.93	cps
Manganese	55-2	12949	12979	12856	12928	0.50	cps
Molybdenum	94-1	3168211	3293938	3267722	3243290	2.05	cps
Molybdenum	95-1	5575173	5745400	5659188	5659920	1.50	cps
Molybdenum	96-1	5941045	6070356	6136430	6049277	1.64	cps
Molybdenum	97-1	3477227	3562799	3631401	3557142	2.17	cps
Molybdenum	98-1	9207461	9261512	9385654	9284876	0.98	cps
Neodymium	150-1	33	33	27	31	12.36	cps
Neodymium	150-2	23	10	13	16	44.60	cps
Nickel	60-2	4241	4031	4291	4187	3.30	cps
Phosphorus	31-2	592128	593548	593218	592965	0.13	cps
Potassium	39-2	23234221	23289709	23287871	23270600	0.14	cps
Rhodium	103-1	3752788	3698925	3789387	3747033	1.21	cps
Rhodium	103-2	2174394	2243584	2107235	2175071	3.13	cps
Scandium	45-1	2148809	2204795	2201039	2184881	1.43	cps
Scandium	45-2	189544	197999	190174	192572	2.45	cps
Selenium	82-1	138	216	158	171	23.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	87	103	102	14.70	cps
Silicon	28-1	187079	187443	189353	187958	0.65	cps
Silver	107-1	597	650	617	621	4.34	cps
Silver	109-1	717	593	540	617	14.69	cps
Sodium	23-2	32347184	32474228	32510052	32443821	0.26	cps
Strontium	86-1	62736	64176	64922	63945	1.74	cps
Strontium	88-1	551383	571055	569647	564028	1.95	cps
Sulfur	34-1	2192691	2201690	2256314	2216898	1.55	cps
Terbium	159-1	6500992	6509103	6727780	6579292	1.96	cps
Terbium	159-2	4122152	4314879	4035759	4157597	3.44	cps
Thallium	203-1	830	1187	1340	1119	23.39	cps
Thallium	205-1	2150	2794	3314	2753	21.18	cps
Tin	118-1	1637	1610	1643	1630	1.08	cps
Titanium	47-1	1315287	1365954	1336587	1339276	1.90	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSA015	Instrumnet Name :	P7
Client Sample ID :	ICSA015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:21:19	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	357	350	403	370	7.85	cps
Vanadium	51-2	360	350	327	346	4.95	cps
Yttrium	89-1	7145003	7062776	7402689	7203490	2.46	cps
Yttrium	89-2	1772061	1809131	1747355	1776182	1.75	cps
Zinc	66-2	4204	4321	4174	4233	1.83	cps
Zirconium	90-1	997	1040	1047	1028	2.64	cps
Zirconium	91-1	227	213	260	233	10.30	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSAB015	Instrumnet Name :	P7
Client Sample ID :	ICSAB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:24:25	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10867559	10710734	10942022	10840105	1.09	cps
Antimony	121-1	125589	127008	130422	127673	1.95	cps
Arsenic	75-2	5071	5551	5378	5333	4.56	cps
Barium	135-1	34181	34706	35023	34637	1.23	cps
Barium	137-1	58473	60521	61134	60043	2.32	cps
Beryllium	9-1	20844	22173	21845	21621	3.20	cps
Bismuth	209-1	3902999	3819314	3931886	3884733	1.51	cps
Bismuth	209-2	2826270	2839652	2860984	2842302	0.62	cps
Bromine	81-1	7312	7775	7519	7535	3.08	cps
Bromine	81-2	157	213	190	187	15.26	cps
Cadmium	108-1	2727	2614	2607	2649	2.55	cps
Cadmium	106-1	4194	4604	4441	4413	4.68	cps
Cadmium	111-1	30614	30626	31612	30951	1.85	cps
Calcium	43-1	1401226	1429702	1433903	1421610	1.25	cps
Calcium	44-1	22529708	22834245	23258035	22873996	1.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79823	79572	80711	80035	0.75	cps
Cobalt	59-2	63571	62871	63202	63215	0.55	cps
Copper	63-2	55603	55941	55780	55774	0.30	cps
Dysprosium	156-1	103	93	90	96	7.26	cps
Dysprosium	156-2	30	33	47	37	24.06	cps
Erbium	164-1	73	47	47	56	27.71	cps
Erbium	164-2	33	27	40	33	20.00	cps
Gadolinium	160-1	53	37	43	44	18.87	cps
Gadolinium	160-2	220	240	190	217	11.62	cps
Holmium	165-1	6462204	6486395	6553173	6500591	0.72	cps
Holmium	165-2	4097744	4077404	4127273	4100807	0.61	cps
Indium	115-1	4423952	4408669	4495853	4442825	1.05	cps
Indium	115-2	1341591	1342888	1340104	1341528	0.10	cps
Iron	56-2	178512304	174241017	176803411	176518911	1.22	cps
Iron	57-2	4415119	4410963	4401088	4409057	0.16	cps
Iron	54-2	9657547	9582029	9659023	9632866	0.46	cps
Krypton	83-1	103	117	117	112	6.86	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSAB015	Instrumnet Name :	P7
Client Sample ID :	ICSAB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:24:25	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	119836	119927	122808	120857	1.40	cps
Lead	207-1	98742	102815	102090	101216	2.15	cps
Lead	208-1	459820	468021	473351	467064	1.46	cps
Lithium	6-1	949449	953647	972813	958636	1.30	cps
Magnesium	24-2	18851816	18708985	19008063	18856288	0.79	cps
Manganese	55-2	42971	43583	43402	43319	0.73	cps
Molybdenum	94-1	3185057	3144655	3234339	3188017	1.41	cps
Molybdenum	95-1	5536443	5599414	5667072	5600976	1.17	cps
Molybdenum	96-1	5885918	5977053	6040092	5967688	1.30	cps
Molybdenum	97-1	3472730	3501812	3534718	3503087	0.89	cps
Molybdenum	98-1	8919307	9188759	9035758	9047941	1.49	cps
Neodymium	150-1	23	40	37	33	26.47	cps
Neodymium	150-2	27	20	33	27	24.99	cps
Nickel	60-2	18508	19152	18865	18842	1.71	cps
Phosphorus	31-2	577686	576088	583251	579008	0.65	cps
Potassium	39-2	22718109	22572666	22835261	22708679	0.58	cps
Rhodium	103-1	3717417	3787036	3756770	3753741	0.93	cps
Rhodium	103-2	2083069	2076929	2083588	2081196	0.18	cps
Scandium	45-1	2180606	2211633	2198446	2196895	0.71	cps
Scandium	45-2	185444	185159	184234	184945	0.34	cps
Selenium	82-1	1809	1790	1723	1774	2.55	cps
Selenium	77-2	113	177	170	153	22.70	cps
Selenium	78-2	687	640	587	638	7.85	cps
Silicon	28-1	189019	190665	194216	191300	1.39	cps
Silver	107-1	130463	132622	137409	133498	2.66	cps
Silver	109-1	124384	128685	127414	126828	1.74	cps
Sodium	23-2	31519224	31543045	31737429	31599899	0.38	cps
Strontium	86-1	62398	63228	65023	63550	2.11	cps
Strontium	88-1	550821	553394	564768	556328	1.33	cps
Sulfur	34-1	2137705	2204846	2161370	2167974	1.57	cps
Terbium	159-1	6442783	6734671	6478347	6551934	2.43	cps
Terbium	159-2	4021113	3990394	3976612	3996040	0.57	cps
Thallium	203-1	122072	124580	122626	123093	1.07	cps
Thallium	205-1	287289	293414	301875	294193	2.49	cps
Tin	118-1	1700	1640	1740	1693	2.97	cps
Titanium	47-1	1295527	1304157	1342263	1313982	1.89	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	ICSAB015	Instrumnet Name :	P7
Client Sample ID :	ICSAB015	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:24:25	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	287	377	407	357	17.51	cps
Vanadium	51-2	35435	36013	35652	35700	0.82	cps
Yttrium	89-1	7053288	7260764	7220938	7178330	1.53	cps
Yttrium	89-2	1709508	1711945	1704972	1708808	0.21	cps
Zinc	66-2	11154	11224	11284	11221	0.58	cps
Zirconium	90-1	810	793	920	841	8.18	cps
Zirconium	91-1	200	110	197	169	30.21	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:43:28	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5755770	5710232	5760904	5742302	0.49	cps
Antimony	121-1	3004948	3039995	3123880	3056274	2.00	cps
Arsenic	75-2	122933	123784	123441	123386	0.35	cps
Barium	135-1	4131788	4186142	4194967	4170965	0.82	cps
Barium	137-1	7137587	7229399	7146781	7171256	0.71	cps
Beryllium	9-1	508851	513003	517191	513015	0.81	cps
Bismuth	209-1	3801083	3826120	3786827	3804676	0.52	cps
Bismuth	209-2	2664352	2663041	2698500	2675298	0.75	cps
Bromine	81-1	7062	6968	7068	7033	0.80	cps
Bromine	81-2	43	73	107	74	42.56	cps
Cadmium	108-1	52565	52223	53441	52743	1.19	cps
Cadmium	106-1	76634	77213	76506	76785	0.49	cps
Cadmium	111-1	699635	710173	708037	705948	0.79	cps
Calcium	43-1	3736502	3801178	3754900	3764193	0.89	cps
Calcium	44-1	59228272	59843617	59834642	59635511	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	992760	994973	997054	994929	0.22	cps
Cobalt	59-2	1465214	1445924	1472850	1461329	0.95	cps
Copper	63-2	9541522	9596355	9469369	9535748	0.67	cps
Dysprosium	156-1	273	307	290	290	5.75	cps
Dysprosium	156-2	307	273	307	296	6.51	cps
Erbium	164-1	173	183	147	168	11.30	cps
Erbium	164-2	140	143	123	136	7.90	cps
Gadolinium	160-1	153	237	143	178	28.82	cps
Gadolinium	160-2	233	310	240	261	16.27	cps
Holmium	165-1	6416796	6369101	6256019	6347305	1.30	cps
Holmium	165-2	3983385	4007367	4031786	4007513	0.60	cps
Indium	115-1	4291064	4240242	4328703	4286670	1.04	cps
Indium	115-2	1285908	1282209	1298755	1288958	0.67	cps
Iron	56-2	218110343	217465303	217847723	217807790	0.15	cps
Iron	57-2	5459747	5406538	5413991	5426759	0.53	cps
Iron	54-2	11979811	12019989	11905557	11968452	0.49	cps
Krypton	83-1	117	77	127	107	24.80	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:43:28	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12964381	13101163	13065192	13043579	0.54	cps
Lead	207-1	11325104	11610981	11535235	11490440	1.29	cps
Lead	208-1	52044615	52601256	52625527	52423799	0.63	cps
Lithium	6-1	933513	936120	930892	933509	0.28	cps
Magnesium	24-2	51056323	51445253	51085096	51195557	0.42	cps
Manganese	55-2	7515430	7499179	7451278	7488629	0.45	cps
Molybdenum	94-1	10837651	10842955	10864699	10848435	0.13	cps
Molybdenum	95-1	15553110	15719551	15694556	15655739	0.57	cps
Molybdenum	96-1	17002963	17175125	17252868	17143652	0.75	cps
Molybdenum	97-1	9750008	9924172	9848907	9841029	0.89	cps
Molybdenum	98-1	25428197	25811666	25796646	25678837	0.85	cps
Neodymium	150-1	363	303	390	352	12.60	cps
Neodymium	150-2	107	140	143	130	15.60	cps
Nickel	60-2	355111	356038	355853	355667	0.14	cps
Phosphorus	31-2	59502	58635	59595	59244	0.89	cps
Potassium	39-2	28675914	28671512	28950820	28766082	0.56	cps
Rhodium	103-1	3682345	3665694	3657799	3668613	0.34	cps
Rhodium	103-2	1995605	1993591	2030571	2006589	1.04	cps
Scandium	45-1	2274766	2247888	2234897	2252517	0.90	cps
Scandium	45-2	185810	186401	188942	187051	0.89	cps
Selenium	82-1	40333	40250	40664	40416	0.54	cps
Selenium	77-2	3677	3664	3437	3593	3.76	cps
Selenium	78-2	12279	12172	12155	12202	0.55	cps
Silicon	28-1	14149105	14331100	14489657	14323287	1.19	cps
Silver	107-1	3402766	3420638	3464711	3429372	0.93	cps
Silver	109-1	3304871	3343013	3307439	3318441	0.64	cps
Sodium	23-2	79780139	80422865	79827554	80010186	0.45	cps
Strontium	86-1	22633601	23014880	22980475	22876319	0.92	cps
Strontium	88-1	199509017	201801704	202316844	201209188	0.74	cps
Sulfur	34-1	341181	340540	344202	341974	0.57	cps
Terbium	159-1	6380500	6480206	6449637	6436781	0.79	cps
Terbium	159-2	3866353	3914197	3913596	3898049	0.70	cps
Thallium	203-1	3256946	3299654	3202515	3253038	1.50	cps
Thallium	205-1	7753497	7845803	7872919	7824073	0.80	cps
Tin	118-1	2521797	2557897	2586949	2555548	1.28	cps
Titanium	47-1	3599253	3663831	3673819	3645634	1.11	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV055	Instrumnet Name :	P7
Client Sample ID :	CCV055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:43:28	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11376261	11485778	11493200	11451746	0.57	cps
Vanadium	51-2	897444	895708	896329	896494	0.10	cps
Yttrium	89-1	7280049	7240468	7183786	7234768	0.67	cps
Yttrium	89-2	1666199	1694689	1692972	1684620	0.95	cps
Zinc	66-2	1704570	1674446	1680332	1686449	0.95	cps
Zirconium	90-1	5060260	5087195	5031557	5059670	0.55	cps
Zirconium	91-1	1109741	1124063	1128996	1120933	0.89	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:46:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	260	220	238	8.57	cps
Antimony	121-1	2364	2474	2617	2485	5.11	cps
Arsenic	75-2	3	20	7	10	88.20	cps
Barium	135-1	120	113	107	113	5.88	cps
Barium	137-1	247	197	220	221	11.31	cps
Beryllium	9-1	213	233	233	227	5.09	cps
Bismuth	209-1	4001169	4041565	4058735	4033823	0.73	cps
Bismuth	209-2	3001174	2682854	3192899	2958976	8.71	cps
Bromine	81-1	6852	6491	6625	6656	2.74	cps
Bromine	81-2	40	33	33	36	10.83	cps
Cadmium	108-1	27	20	13	20	33.35	cps
Cadmium	106-1	1767	1983	1857	1869	5.82	cps
Cadmium	111-1	1278	1421	1317	1339	5.52	cps
Calcium	43-1	277	270	237	261	8.21	cps
Calcium	44-1	4574	4381	4387	4447	2.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313	297	373	328	12.30	cps
Cobalt	59-2	80	107	100	96	14.52	cps
Copper	63-2	953	963	997	971	2.34	cps
Dysprosium	156-1	77	63	120	87	34.19	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	13	27	13	18	43.33	cps
Erbium	164-2	17	10	23	17	39.99	cps
Gadolinium	160-1	10	30	17	19	53.91	cps
Gadolinium	160-2	163	153	157	158	3.23	cps
Holmium	165-1	6210554	6240826	6214767	6222049	0.26	cps
Holmium	165-2	4050621	3599476	4312927	3987675	9.05	cps
Indium	115-1	4493803	4522013	4517030	4510949	0.33	cps
Indium	115-2	1403766	1239949	1477882	1373865	8.86	cps
Iron	56-2	13676	13710	14464	13950	3.19	cps
Iron	57-2	843	733	803	793	7.02	cps
Iron	54-2	1200	1330	1470	1333	10.13	cps
Krypton	83-1	90	87	83	87	3.85	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:46:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1570	1410	1373	1451	7.21	cps
Lead	207-1	1437	1223	1097	1252	13.72	cps
Lead	208-1	6291	5714	5177	5727	9.72	cps
Lithium	6-1	950207	957780	961559	956516	0.60	cps
Magnesium	24-2	2294	2150	2364	2269	4.79	cps
Manganese	55-2	400	470	460	443	8.54	cps
Molybdenum	94-1	1320	1130	1183	1211	8.09	cps
Molybdenum	95-1	980	917	953	950	3.35	cps
Molybdenum	96-1	1220	1087	1173	1160	5.83	cps
Molybdenum	97-1	573	650	630	618	6.44	cps
Molybdenum	98-1	1540	1477	1490	1502	2.22	cps
Neodymium	150-1	10	7	3	7	50.03	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	70	57	90	72	23.23	cps
Phosphorus	31-2	80	130	120	110	24.05	cps
Potassium	39-2	34850	33684	33854	34129	1.85	cps
Rhodium	103-1	3860216	3880691	3942449	3894452	1.10	cps
Rhodium	103-2	2216828	1980039	2344388	2180419	8.48	cps
Scandium	45-1	2177972	2199371	2217730	2198357	0.91	cps
Scandium	45-2	186505	167640	197505	183883	8.21	cps
Selenium	82-1	132	126	157	138	12.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	93	120	113	109	12.75	cps
Silicon	28-1	141307	137489	138784	139193	1.39	cps
Silver	107-1	610	483	430	508	18.21	cps
Silver	109-1	443	350	260	351	26.11	cps
Sodium	23-2	25454	24940	24883	25093	1.25	cps
Strontium	86-1	723	587	567	626	13.63	cps
Strontium	88-1	4711	3917	3877	4168	11.28	cps
Sulfur	34-1	119577	121656	120883	120705	0.87	cps
Terbium	159-1	6333125	6343697	6359995	6345606	0.21	cps
Terbium	159-2	3922496	3539709	4162898	3875034	8.11	cps
Thallium	203-1	450	407	367	408	10.22	cps
Thallium	205-1	1123	967	883	991	12.30	cps
Tin	118-1	1413	1613	1713	1580	9.67	cps
Titanium	47-1	203	200	170	191	9.61	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB055	Instrumnet Name :	P7
Client Sample ID :	CCB055	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 13:46:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	250	233	257	247	4.87	cps
Vanadium	51-2	23	37	27	29	24.03	cps
Yttrium	89-1	7047273	7050892	7151671	7083279	0.84	cps
Yttrium	89-2	1744075	1544421	1845068	1711188	8.94	cps
Zinc	66-2	243	230	243	239	3.22	cps
Zirconium	90-1	2154	1667	1537	1786	18.21	cps
Zirconium	91-1	433	400	380	404	6.66	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BL	Instrumnet Name :	P7
Client Sample ID :	PBS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:02:10	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	123	103	110	10.50	cps
Antimony	121-1	177	177	243	199	19.35	cps
Arsenic	75-2	0	3	3	2	86.60	cps
Barium	135-1	43	53	70	56	24.25	cps
Barium	137-1	70	97	87	84	15.95	cps
Beryllium	9-1	110	80	107	99	16.63	cps
Bismuth	209-1	4063418	4085187	4075510	4074705	0.27	cps
Bismuth	209-2	2992162	2983025	3023214	2999467	0.70	cps
Bromine	81-1	7515	7245	7609	7456	2.53	cps
Bromine	81-2	57	37	60	51	24.69	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Cadmium	106-1	2170	2094	2010	2091	3.83	cps
Cadmium	111-1	1522	1475	1398	1465	4.30	cps
Calcium	43-1	150	163	203	172	16.12	cps
Calcium	44-1	2610	2700	2860	2724	4.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	277	193	240	237	17.65	cps
Cobalt	59-2	70	63	90	74	18.64	cps
Copper	63-2	457	663	533	551	18.96	cps
Dysprosium	156-1	107	73	97	92	18.55	cps
Dysprosium	156-2	10	23	20	18	39.03	cps
Erbium	164-1	20	27	40	29	35.25	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	30	23	27	27	12.51	cps
Gadolinium	160-2	190	203	160	184	12.03	cps
Holmium	165-1	6334978	6231962	6361418	6309453	1.08	cps
Holmium	165-2	4107638	4054605	4016345	4059529	1.13	cps
Indium	115-1	4628446	4665072	4685389	4659636	0.62	cps
Indium	115-2	1422710	1416414	1425634	1421586	0.33	cps
Iron	56-2	6615	6548	6658	6607	0.84	cps
Iron	57-2	603	723	663	663	9.05	cps
Iron	54-2	1037	1023	1000	1020	1.82	cps
Krypton	83-1	93	113	93	100	11.55	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BL	Instrumnet Name :	P7
Client Sample ID :	PBS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:02:10	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	460	400	400	420	8.25	cps
Lead	207-1	477	393	353	408	15.43	cps
Lead	208-1	1930	1747	1547	1741	11.01	cps
Lithium	6-1	975895	916549	1000992	964479	4.50	cps
Magnesium	24-2	1160	1090	1163	1138	3.64	cps
Manganese	55-2	183	173	207	188	9.11	cps
Molybdenum	94-1	263	223	247	244	8.22	cps
Molybdenum	95-1	43	60	50	51	16.42	cps
Molybdenum	96-1	73	113	163	117	38.65	cps
Molybdenum	97-1	60	27	47	44	37.74	cps
Molybdenum	98-1	143	123	117	128	10.86	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	43	43	39	19.79	cps
Phosphorus	31-2	100	107	127	111	12.49	cps
Potassium	39-2	33457	33731	32842	33343	1.36	cps
Rhodium	103-1	4155726	4220836	4129882	4168815	1.12	cps
Rhodium	103-2	2285412	2296114	2314218	2298581	0.63	cps
Scandium	45-1	2340253	2388826	2359565	2362882	1.03	cps
Scandium	45-2	194524	195889	192617	194343	0.85	cps
Selenium	82-1	162	146	176	161	9.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	127	113	116	8.81	cps
Silicon	28-1	133488	133636	135607	134244	0.88	cps
Silver	107-1	147	120	130	132	10.19	cps
Silver	109-1	120	103	97	107	11.26	cps
Sodium	23-2	12178	12235	12145	12186	0.37	cps
Strontium	86-1	190	133	197	173	20.08	cps
Strontium	88-1	190	183	163	179	7.76	cps
Sulfur	34-1	135706	136554	136157	136139	0.31	cps
Terbium	159-1	6454763	6447045	6532349	6478052	0.73	cps
Terbium	159-2	3994976	3931960	3994056	3973664	0.91	cps
Thallium	203-1	167	153	160	160	4.17	cps
Thallium	205-1	357	483	360	400	18.05	cps
Tin	118-1	987	967	1033	996	3.44	cps
Titanium	47-1	67	63	90	73	19.81	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BL	Instrumnet Name :	P7
Client Sample ID :	PBS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:02:10	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	13	13	16	24.76	cps
Vanadium	51-2	0	3	0	1	173.21	cps
Yttrium	89-1	7409699	7520928	7472168	7467598	0.75	cps
Yttrium	89-2	1829667	1796669	1794809	1807048	1.09	cps
Zinc	66-2	113	173	127	138	22.87	cps
Zirconium	90-1	587	597	643	609	4.97	cps
Zirconium	91-1	120	120	157	132	16.01	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BS	Instrumnet Name :	P7
Client Sample ID :	LCS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:05:32	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5618	5334	5188	5380	4.06	cps
Antimony	121-1	26538	27166	26374	26693	1.56	cps
Arsenic	75-2	477	527	520	508	5.35	cps
Barium	135-1	34047	35090	33783	34307	2.01	cps
Barium	137-1	59588	60645	58653	59629	1.67	cps
Beryllium	9-1	2494	2480	2377	2450	2.61	cps
Bismuth	209-1	4086145	4071597	4064604	4074115	0.27	cps
Bismuth	209-2	2952536	2952151	2956594	2953761	0.08	cps
Bromine	81-1	7625	7349	7595	7523	2.02	cps
Bromine	81-2	67	57	27	50	41.63	cps
Cadmium	108-1	183	150	173	169	10.13	cps
Cadmium	106-1	2340	2374	2547	2420	4.59	cps
Cadmium	111-1	3590	3487	3822	3633	4.72	cps
Calcium	43-1	17133	17383	16449	16989	2.85	cps
Calcium	44-1	272685	278912	271204	274267	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9810	9767	9426	9668	2.17	cps
Cobalt	59-2	7058	6798	7212	7023	2.98	cps
Copper	63-2	10250	10234	10567	10350	1.82	cps
Dysprosium	156-1	90	110	107	102	10.48	cps
Dysprosium	156-2	20	7	33	20	66.65	cps
Erbium	164-1	27	27	47	33	34.64	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	17	17	13	16	12.40	cps
Gadolinium	160-2	190	180	187	186	2.74	cps
Holmium	165-1	6440453	6442036	6342737	6408409	0.89	cps
Holmium	165-2	4026868	4051879	4067548	4048765	0.51	cps
Indium	115-1	4683072	4812661	4690127	4728620	1.54	cps
Indium	115-2	1412208	1414553	1416308	1414357	0.15	cps
Iron	56-2	858071	857241	854596	856636	0.21	cps
Iron	57-2	21943	21843	21796	21860	0.34	cps
Iron	54-2	47261	47150	47903	47438	0.86	cps
Krypton	83-1	103	87	113	101	13.32	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BS	Instrumnet Name :	P7
Client Sample ID :	LCS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:05:32	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10854	10511	10694	10687	1.61	cps
Lead	207-1	9527	9947	9397	9623	2.99	cps
Lead	208-1	43995	43284	42907	43395	1.27	cps
Lithium	6-1	977388	1000592	997423	991801	1.27	cps
Magnesium	24-2	238285	239434	238998	238906	0.24	cps
Manganese	55-2	3640	3717	3844	3734	2.75	cps
Molybdenum	94-1	26431	26587	26350	26456	0.46	cps
Molybdenum	95-1	30943	31704	30619	31089	1.79	cps
Molybdenum	96-1	35349	35683	35543	35525	0.47	cps
Molybdenum	97-1	19647	19647	19573	19622	0.22	cps
Molybdenum	98-1	51614	52380	50627	51540	1.70	cps
Neodymium	150-1	7	20	3	10	88.20	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1940	1777	1817	1845	4.62	cps
Phosphorus	31-2	120	100	103	108	9.94	cps
Potassium	39-2	307772	304740	306903	306472	0.51	cps
Rhodium	103-1	4168587	4210888	4183798	4187758	0.51	cps
Rhodium	103-2	2281271	2305952	2285885	2291036	0.57	cps
Scandium	45-1	2402602	2428122	2353147	2394624	1.59	cps
Scandium	45-2	194879	193434	195338	194550	0.51	cps
Selenium	82-1	1046	1197	1098	1114	6.90	cps
Selenium	77-2	87	60	110	86	29.24	cps
Selenium	78-2	470	360	357	396	16.30	cps
Silicon	28-1	200806	206511	201346	202888	1.55	cps
Silver	107-1	15498	15315	15435	15416	0.60	cps
Silver	109-1	14534	14948	15068	14850	1.89	cps
Sodium	23-2	381186	379710	381637	380844	0.26	cps
Strontium	86-1	4144	4201	4011	4118	2.37	cps
Strontium	88-1	35727	37027	35443	36065	2.34	cps
Sulfur	34-1	143769	144671	140048	142829	1.72	cps
Terbium	159-1	6484411	6649274	6374416	6502700	2.13	cps
Terbium	159-2	3962229	3982658	3988385	3977757	0.35	cps
Thallium	203-1	12799	12526	12459	12595	1.43	cps
Thallium	205-1	29980	31029	30487	30499	1.72	cps
Tin	118-1	1047	1203	1150	1133	7.03	cps
Titanium	47-1	7415	7649	7709	7591	2.04	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BS	Instrumnet Name :	P7
Client Sample ID :	LCS639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:05:32	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40765	41976	41113	41285	1.51	cps
Vanadium	51-2	19740	20073	20254	20022	1.30	cps
Yttrium	89-1	7516232	7668852	7449394	7544826	1.49	cps
Yttrium	89-2	1774119	1788087	1813678	1791961	1.12	cps
Zinc	66-2	4311	4377	4407	4365	1.13	cps
Zirconium	90-1	22280	22885	22147	22437	1.75	cps
Zirconium	91-1	4948	5064	4974	4995	1.22	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:08:53	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2774	2867	2907	2849	2.40	cps
Antimony	121-1	13373	13533	14147	13684	2.99	cps
Arsenic	75-2	250	383	267	300	24.22	cps
Barium	135-1	17341	17618	17921	17627	1.65	cps
Barium	137-1	30389	29988	30800	30392	1.34	cps
Beryllium	9-1	1257	1373	1257	1296	5.20	cps
Bismuth	209-1	3975654	4014489	4056259	4015467	1.00	cps
Bismuth	209-2	2988645	3024837	3225951	3079811	4.15	cps
Bromine	81-1	7329	7519	7199	7349	2.19	cps
Bromine	81-2	40	27	60	42	39.73	cps
Cadmium	108-1	37	57	27	40	38.18	cps
Cadmium	106-1	2007	2214	1970	2064	6.36	cps
Cadmium	111-1	1776	1863	1700	1780	4.57	cps
Calcium	43-1	8386	9036	9286	8903	5.22	cps
Calcium	44-1	140086	143635	144497	142739	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5101	5054	4978	5044	1.23	cps
Cobalt	59-2	3730	3620	3537	3629	2.67	cps
Copper	63-2	5781	5748	6015	5848	2.49	cps
Dysprosium	156-1	57	73	73	68	14.19	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	33	10	27	23	51.50	cps
Erbium	164-2	23	3	20	16	68.90	cps
Gadolinium	160-1	13	20	23	19	26.96	cps
Gadolinium	160-2	213	177	263	218	19.98	cps
Holmium	165-1	6201728	6353126	6442989	6332614	1.93	cps
Holmium	165-2	4093398	4113395	4406508	4204434	4.17	cps
Indium	115-1	4613250	4582111	4663957	4619773	0.89	cps
Indium	115-2	1423987	1491044	1567096	1494042	4.79	cps
Iron	56-2	449568	449781	445130	448160	0.59	cps
Iron	57-2	12135	11985	11588	11903	2.37	cps
Iron	54-2	24804	25555	25378	25246	1.56	cps
Krypton	83-1	93	90	113	99	12.77	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:08:53	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5518	5731	5845	5698	2.91	cps
Lead	207-1	5091	5294	4768	5051	5.26	cps
Lead	208-1	22561	23325	23228	23038	1.81	cps
Lithium	6-1	971018	987689	916914	958540	3.86	cps
Magnesium	24-2	125513	125920	122922	124785	1.30	cps
Manganese	55-2	2147	1957	2023	2042	4.72	cps
Molybdenum	94-1	13476	13616	13293	13462	1.21	cps
Molybdenum	95-1	16126	16289	16036	16150	0.80	cps
Molybdenum	96-1	18078	18599	18619	18432	1.66	cps
Molybdenum	97-1	10044	10464	10000	10169	2.52	cps
Molybdenum	98-1	25926	26845	27499	26757	2.95	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	907	860	1060	942	11.11	cps
Phosphorus	31-2	100	117	93	103	11.63	cps
Potassium	39-2	177491	178149	177083	177574	0.30	cps
Rhodium	103-1	4103968	4140988	4165025	4136661	0.74	cps
Rhodium	103-2	2320853	2336275	2463665	2373597	3.30	cps
Scandium	45-1	2343855	2343771	2375065	2354231	0.77	cps
Scandium	45-2	195122	200940	213497	203186	4.62	cps
Selenium	82-1	596	620	651	622	4.46	cps
Selenium	77-2	40	43	50	44	11.46	cps
Selenium	78-2	217	267	340	274	22.60	cps
Silicon	28-1	167051	171571	171570	170064	1.53	cps
Silver	107-1	7792	8179	8199	8057	2.85	cps
Silver	109-1	7492	7649	7802	7648	2.03	cps
Sodium	23-2	205418	204992	203438	204616	0.51	cps
Strontium	86-1	2384	2157	2324	2288	5.13	cps
Strontium	88-1	18161	18936	18992	18696	2.48	cps
Sulfur	34-1	137990	138847	139476	138771	0.54	cps
Terbium	159-1	6391315	6496898	6409041	6432418	0.88	cps
Terbium	159-2	3992460	4044284	4354968	4130571	4.75	cps
Thallium	203-1	6392	6542	6462	6465	1.16	cps
Thallium	205-1	15863	15763	15526	15717	1.10	cps
Tin	118-1	1030	1133	1047	1070	5.18	cps
Titanium	47-1	4201	4034	4101	4112	2.04	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163639BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD639	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:08:53	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20770	21381	21708	21286	2.24	cps
Vanadium	51-2	10194	10517	10624	10445	2.15	cps
Yttrium	89-1	7312507	7420410	7423914	7385610	0.86	cps
Yttrium	89-2	1816055	1807616	1946883	1856851	4.21	cps
Zinc	66-2	2477	2394	2350	2407	2.68	cps
Zirconium	90-1	11788	11595	11992	11791	1.68	cps
Zirconium	91-1	2714	2724	2710	2716	0.26	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:12:15	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1256501	1233936	1278087	1256175	1.76	cps
Antimony	121-1	2770	2744	2530	2681	4.91	cps
Arsenic	75-2	4858	4858	4811	4842	0.56	cps
Barium	135-1	120145	120925	122666	121245	1.06	cps
Barium	137-1	207224	212529	210697	210150	1.28	cps
Beryllium	9-1	450	400	440	430	6.15	cps
Bismuth	209-1	4031680	4082586	4211246	4108504	2.25	cps
Bismuth	209-2	3064317	2989769	2977843	3010643	1.56	cps
Bromine	81-1	7632	7682	7542	7619	0.93	cps
Bromine	81-2	100	97	93	97	3.45	cps
Cadmium	108-1	33	53	37	41	26.06	cps
Cadmium	106-1	2200	2250	2110	2187	3.24	cps
Cadmium	111-1	1763	1831	1711	1769	3.39	cps
Calcium	43-1	60711	62156	62277	61715	1.41	cps
Calcium	44-1	988391	1013047	1021174	1007537	1.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26390	26811	26784	26661	0.88	cps
Cobalt	59-2	29486	29930	30033	29816	0.98	cps
Copper	63-2	56145	56780	56981	56635	0.77	cps
Dysprosium	156-1	12646	13483	13653	13261	4.07	cps
Dysprosium	156-2	10034	10254	10224	10170	1.17	cps
Erbium	164-1	11388	11488	12242	11706	3.99	cps
Erbium	164-2	7495	7332	7272	7366	1.57	cps
Gadolinium	160-1	12486	12793	12753	12677	1.32	cps
Gadolinium	160-2	8686	8529	8406	8540	1.64	cps
Holmium	165-1	6441292	6526256	6510872	6492807	0.70	cps
Holmium	165-2	4237381	4121878	4168525	4175928	1.39	cps
Indium	115-1	4671759	4659313	4662704	4664592	0.14	cps
Indium	115-2	1460117	1429257	1441100	1443491	1.08	cps
Iron	56-2	45147421	44817249	44869803	44944824	0.39	cps
Iron	57-2	1166716	1165778	1164228	1165574	0.11	cps
Iron	54-2	2467214	2479126	2464476	2470272	0.32	cps
Krypton	83-1	117	127	103	116	10.13	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:12:15	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	56052	56450	57671	56724	1.49	cps
Lead	207-1	49152	50711	50196	50019	1.59	cps
Lead	208-1	224610	226745	229923	227093	1.18	cps
Lithium	6-1	982823	938811	939807	953814	2.63	cps
Magnesium	24-2	874767	870042	869428	871412	0.34	cps
Manganese	55-2	711184	706927	706017	708043	0.39	cps
Molybdenum	94-1	9270	8926	9413	9203	2.72	cps
Molybdenum	95-1	823	923	1053	933	12.36	cps
Molybdenum	96-1	2904	2887	3050	2947	3.05	cps
Molybdenum	97-1	490	557	597	548	9.84	cps
Molybdenum	98-1	1370	1480	1550	1467	6.19	cps
Neodymium	150-1	21593	21610	21717	21640	0.31	cps
Neodymium	150-2	11635	11391	11728	11585	1.50	cps
Nickel	60-2	8906	8776	8833	8838	0.74	cps
Phosphorus	31-2	4574	4464	4581	4540	1.44	cps
Potassium	39-2	618795	612558	617085	616146	0.52	cps
Rhodium	103-1	4143217	4176500	4285910	4201875	1.78	cps
Rhodium	103-2	2321449	2277885	2360873	2320069	1.79	cps
Scandium	45-1	2485159	2465581	2478642	2476461	0.40	cps
Scandium	45-2	206574	202335	204710	204540	1.04	cps
Selenium	82-1	146	138	237	174	31.84	cps
Selenium	77-2	30	20	30	27	21.65	cps
Selenium	78-2	157	173	153	161	6.65	cps
Silicon	28-1	2675626	2736020	2809679	2740441	2.45	cps
Silver	107-1	567	497	560	541	7.14	cps
Silver	109-1	473	477	520	490	5.31	cps
Sodium	23-2	27718	27618	27448	27595	0.50	cps
Strontium	86-1	33318	34283	34143	33915	1.54	cps
Strontium	88-1	292534	304723	299420	298892	2.04	cps
Sulfur	34-1	135111	136906	132797	134938	1.53	cps
Terbium	159-1	6436587	6636017	6622366	6564990	1.70	cps
Terbium	159-2	4176624	4099057	4144178	4139953	0.94	cps
Thallium	203-1	573	650	573	599	7.39	cps
Thallium	205-1	1430	1430	1430	1430	0.00	cps
Tin	118-1	3844	4031	4097	3991	3.29	cps
Titanium	47-1	266227	274371	276241	272280	1.96	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:12:15	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5248	5445	5661	5451	3.79	cps
Vanadium	51-2	84743	84753	84036	84510	0.49	cps
Yttrium	89-1	7692245	7745520	7957316	7798360	1.80	cps
Yttrium	89-2	1897417	1855911	1867974	1873767	1.14	cps
Zinc	66-2	21696	21869	22383	21983	1.63	cps
Zirconium	90-1	22320	22461	22734	22505	0.94	cps
Zirconium	91-1	5041	5008	5008	5019	0.38	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:15:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1319453	1281618	1257814	1286295	2.42	cps
Antimony	121-1	3277	3354	3080	3237	4.36	cps
Arsenic	75-2	4844	5111	4834	4930	3.18	cps
Barium	135-1	125161	126254	123591	125002	1.07	cps
Barium	137-1	214050	214625	212153	213609	0.61	cps
Beryllium	9-1	463	497	463	474	4.06	cps
Bismuth	209-1	4223213	4259717	4173014	4218648	1.03	cps
Bismuth	209-2	3020092	3002672	3446467	3156410	7.96	cps
Bromine	81-1	7295	7355	7459	7370	1.12	cps
Bromine	81-2	83	53	107	81	32.97	cps
Cadmium	108-1	40	50	37	42	16.43	cps
Cadmium	106-1	2227	2023	2220	2157	5.36	cps
Cadmium	111-1	1754	1651	1775	1727	3.83	cps
Calcium	43-1	64536	64041	63532	64036	0.78	cps
Calcium	44-1	1045754	1058545	1051620	1051973	0.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27412	26336	25986	26578	2.80	cps
Cobalt	59-2	30047	30023	29429	29833	1.17	cps
Copper	63-2	58624	57831	57476	57977	1.01	cps
Dysprosium	156-1	14147	14107	13997	14084	0.55	cps
Dysprosium	156-2	10157	10391	9947	10165	2.18	cps
Erbium	164-1	12005	12542	11778	12109	3.24	cps
Erbium	164-2	7592	7759	7432	7594	2.15	cps
Gadolinium	160-1	13146	13093	12896	13045	1.01	cps
Gadolinium	160-2	8786	9116	8496	8800	3.53	cps
Holmium	165-1	6810276	6745118	6740219	6765204	0.58	cps
Holmium	165-2	4209739	4070846	4746325	4342303	8.21	cps
Indium	115-1	4858869	4841133	4769880	4823294	0.98	cps
Indium	115-2	1427798	1405693	1654786	1496093	9.22	cps
Iron	56-2	46823301	46145353	45767513	46245389	1.16	cps
Iron	57-2	1205546	1199772	1184348	1196555	0.92	cps
Iron	54-2	2573903	2535977	2536281	2548720	0.86	cps
Krypton	83-1	137	77	80	98	34.49	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:15:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	61539	61843	61250	61544	0.48	cps
Lead	207-1	53826	53752	52655	53411	1.23	cps
Lead	208-1	242459	242933	238477	241290	1.01	cps
Lithium	6-1	934423	941579	944870	940291	0.57	cps
Magnesium	24-2	907419	903677	890839	900645	0.97	cps
Manganese	55-2	717486	707834	702128	709149	1.09	cps
Molybdenum	94-1	9623	9597	9893	9704	1.69	cps
Molybdenum	95-1	940	1027	1017	994	4.77	cps
Molybdenum	96-1	3044	3210	3217	3157	3.11	cps
Molybdenum	97-1	627	610	523	587	9.46	cps
Molybdenum	98-1	1503	1623	1510	1546	4.36	cps
Neodymium	150-1	22371	23126	22221	22573	2.15	cps
Neodymium	150-2	11888	11692	11575	11718	1.35	cps
Nickel	60-2	8773	9003	8819	8865	1.37	cps
Phosphorus	31-2	4651	4311	4584	4515	3.99	cps
Potassium	39-2	627031	620770	618141	621981	0.73	cps
Rhodium	103-1	4237117	4149147	4113109	4166458	1.53	cps
Rhodium	103-2	2303430	2265445	2588427	2385768	7.40	cps
Scandium	45-1	2480226	2522086	2490007	2497440	0.88	cps
Scandium	45-2	202041	199453	229762	210418	7.98	cps
Selenium	82-1	131	212	213	185	25.29	cps
Selenium	77-2	23	20	20	21	9.11	cps
Selenium	78-2	120	143	150	138	11.43	cps
Silicon	28-1	2767750	2806346	2761684	2778593	0.87	cps
Silver	107-1	507	523	500	510	2.36	cps
Silver	109-1	437	460	390	429	8.31	cps
Sodium	23-2	28773	28303	27712	28263	1.88	cps
Strontium	86-1	35235	35145	34383	34921	1.34	cps
Strontium	88-1	307621	310242	302240	306701	1.33	cps
Sulfur	34-1	128007	128001	123021	126343	2.28	cps
Terbium	159-1	6690658	6683485	6599646	6657930	0.76	cps
Terbium	159-2	4109703	4027685	4626427	4254605	7.63	cps
Thallium	203-1	547	533	530	537	1.64	cps
Thallium	205-1	1490	1383	1337	1403	5.60	cps
Tin	118-1	4234	4454	4671	4453	4.90	cps
Titanium	47-1	286152	285463	282525	284713	0.68	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:15:33	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5651	5495	5688	5611	1.83	cps
Vanadium	51-2	87857	86741	85454	86684	1.39	cps
Yttrium	89-1	7835866	7981035	7774962	7863954	1.35	cps
Yttrium	89-2	1846369	1798837	2072040	1905749	7.66	cps
Zinc	66-2	22604	22951	21826	22460	2.56	cps
Zirconium	90-1	25352	26183	25051	25529	2.30	cps
Zirconium	91-1	5501	5434	5358	5431	1.32	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 14:18:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	249375	245554	243843	246257	1.15	cps
Antimony	121-1	517	497	530	514	3.26	cps
Arsenic	75-2	960	907	913	927	3.14	cps
Barium	135-1	23279	23566	23413	23419	0.61	cps
Barium	137-1	40718	41367	41089	41058	0.79	cps
Beryllium	9-1	123	170	147	147	15.91	cps
Bismuth	209-1	4160090	4149663	4110703	4140152	0.63	cps
Bismuth	209-2	3072455	3085982	3308858	3155765	4.21	cps
Bromine	81-1	6952	6688	6895	6845	2.03	cps
Bromine	81-2	43	27	57	42	35.60	cps
Cadmium	108-1	7	10	20	12	56.76	cps
Cadmium	106-1	2077	1893	1967	1979	4.66	cps
Cadmium	111-1	1499	1365	1429	1431	4.68	cps
Calcium	43-1	12052	12368	12125	12182	1.36	cps
Calcium	44-1	191435	194831	197863	194710	1.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5751	5378	5234	5454	4.89	cps
Cobalt	59-2	5875	5714	5781	5790	1.39	cps
Copper	63-2	11491	11348	11051	11297	1.99	cps
Dysprosium	156-1	2764	2740	2654	2719	2.13	cps
Dysprosium	156-2	2050	2034	1947	2010	2.76	cps
Erbium	164-1	2200	2240	2347	2262	3.35	cps
Erbium	164-2	1443	1473	1430	1449	1.53	cps
Gadolinium	160-1	2354	2424	2480	2419	2.62	cps
Gadolinium	160-2	1790	1883	1883	1852	2.91	cps
Holmium	165-1	6441959	6548541	6403185	6464562	1.16	cps
Holmium	165-2	4199541	4205164	4540292	4314999	4.52	cps
Indium	115-1	4688756	4716553	4694937	4700082	0.31	cps
Indium	115-2	1435823	1450005	1611781	1499203	6.52	cps
Iron	56-2	8788759	8660260	8708516	8719178	0.74	cps
Iron	57-2	227482	225466	224254	225734	0.72	cps
Iron	54-2	496456	497062	497191	496903	0.08	cps
Krypton	83-1	120	113	110	114	4.45	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 14:18:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11368	11548	11545	11487	0.90	cps
Lead	207-1	9907	10111	10217	10078	1.56	cps
Lead	208-1	45146	45800	45550	45499	0.73	cps
Lithium	6-1	929742	941675	941913	937777	0.74	cps
Magnesium	24-2	169155	168852	166762	168256	0.77	cps
Manganese	55-2	137420	136425	136001	136615	0.53	cps
Molybdenum	94-1	1830	1823	1937	1863	3.41	cps
Molybdenum	95-1	163	227	157	182	21.20	cps
Molybdenum	96-1	667	633	643	648	2.64	cps
Molybdenum	97-1	137	147	133	139	4.99	cps
Molybdenum	98-1	240	293	343	292	17.68	cps
Neodymium	150-1	4534	4311	4237	4361	3.54	cps
Neodymium	150-2	2237	2220	2227	2228	0.38	cps
Nickel	60-2	1753	1617	1753	1708	4.62	cps
Phosphorus	31-2	960	827	870	886	7.68	cps
Potassium	39-2	145222	145834	143647	144901	0.78	cps
Rhodium	103-1	4168271	4215397	4210396	4198021	0.62	cps
Rhodium	103-2	2322046	2347819	2535516	2401793	4.85	cps
Scandium	45-1	2365465	2394614	2351787	2370622	0.92	cps
Scandium	45-2	197526	202198	217698	205807	5.13	cps
Selenium	82-1	134	145	147	142	4.71	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	117	130	127	124	5.57	cps
Silicon	28-1	619039	625853	631084	625325	0.97	cps
Silver	107-1	143	123	107	124	14.75	cps
Silver	109-1	117	67	127	103	31.11	cps
Sodium	23-2	14814	14874	15007	14898	0.67	cps
Strontium	86-1	6358	6608	6715	6560	2.79	cps
Strontium	88-1	57368	57867	57659	57631	0.43	cps
Sulfur	34-1	116993	114555	115012	115520	1.12	cps
Terbium	159-1	6557623	6585958	6525965	6556515	0.46	cps
Terbium	159-2	4043664	4118904	4432893	4198487	4.92	cps
Thallium	203-1	273	280	237	263	8.86	cps
Thallium	205-1	640	583	577	600	5.80	cps
Tin	118-1	1267	1270	1313	1283	2.03	cps
Titanium	47-1	51079	52511	52638	52076	1.66	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 14:18:52	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1073	1133	1127	1111	2.96	cps
Vanadium	51-2	16262	16773	16599	16545	1.57	cps
Yttrium	89-1	7512728	7739668	7525248	7592548	1.68	cps
Yttrium	89-2	1802342	1821074	1981417	1868278	5.27	cps
Zinc	66-2	4427	4317	4124	4290	3.58	cps
Zirconium	90-1	4727	4901	4634	4754	2.85	cps
Zirconium	91-1	933	980	1097	1003	8.39	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:22:09	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1391997	1382770	1379982	1384916	0.45	cps
Antimony	121-1	104389	105071	106071	105177	0.80	cps
Arsenic	75-2	6958	7105	6682	6915	3.11	cps
Barium	135-1	644510	662919	661287	656239	1.55	cps
Barium	137-1	1149316	1162536	1166413	1159422	0.77	cps
Beryllium	9-1	9273	9546	9830	9550	2.92	cps
Bismuth	209-1	4172806	4189560	4216907	4193091	0.53	cps
Bismuth	209-2	3227296	3150437	2989644	3122459	3.88	cps
Bromine	81-1	7259	7142	7272	7224	0.99	cps
Bromine	81-2	73	77	77	76	2.55	cps
Cadmium	108-1	767	857	887	837	7.46	cps
Cadmium	106-1	3280	3337	3094	3237	3.93	cps
Cadmium	111-1	14355	14412	14568	14445	0.76	cps
Calcium	43-1	64864	64915	66307	65362	1.25	cps
Calcium	44-1	1036358	1053801	1066461	1052207	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99643	100116	99378	99712	0.37	cps
Cobalt	59-2	301929	302565	301018	301837	0.26	cps
Copper	63-2	149609	151026	150764	150466	0.50	cps
Dysprosium	156-1	13870	14291	14080	14080	1.49	cps
Dysprosium	156-2	10314	10861	10938	10704	3.18	cps
Erbium	164-1	12329	12389	12529	12416	0.83	cps
Erbium	164-2	7992	7962	7849	7935	0.95	cps
Gadolinium	160-1	13530	13056	13723	13437	2.55	cps
Gadolinium	160-2	8843	9186	9313	9114	2.67	cps
Holmium	165-1	6598943	6712673	6713455	6675024	0.99	cps
Holmium	165-2	4474048	4282141	4083580	4279923	4.56	cps
Indium	115-1	4746967	4847358	4773783	4789370	1.09	cps
Indium	115-2	1520293	1488735	1436471	1481833	2.86	cps
Iron	56-2	47872673	48405658	47899183	48059171	0.62	cps
Iron	57-2	1247617	1248720	1252160	1249499	0.19	cps
Iron	54-2	2619846	2654303	2700399	2658183	1.52	cps
Krypton	83-1	133	150	117	133	12.50	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:22:09	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	75893	77633	78146	77224	1.53	cps
Lead	207-1	68555	70203	69975	69578	1.28	cps
Lead	208-1	307016	310741	312250	310002	0.87	cps
Lithium	6-1	905784	939163	939031	927993	2.07	cps
Magnesium	24-2	930577	931017	929997	930530	0.05	cps
Manganese	55-2	883654	889409	895993	889686	0.69	cps
Molybdenum	94-1	9436	9637	9993	9689	2.91	cps
Molybdenum	95-1	917	993	1047	986	6.63	cps
Molybdenum	96-1	3177	3234	3274	3228	1.51	cps
Molybdenum	97-1	577	717	613	636	11.42	cps
Molybdenum	98-1	1553	1613	1697	1621	4.44	cps
Neodymium	150-1	22147	23440	23263	22950	3.05	cps
Neodymium	150-2	12532	12259	12639	12477	1.57	cps
Nickel	60-2	77067	77593	76530	77063	0.69	cps
Phosphorus	31-2	4934	4804	5044	4928	2.44	cps
Potassium	39-2	648345	652948	647716	649670	0.44	cps
Rhodium	103-1	4257312	4351178	4364143	4324211	1.35	cps
Rhodium	103-2	2464037	2353118	2260340	2359165	4.32	cps
Scandium	45-1	2457621	2455673	2462316	2458537	0.14	cps
Scandium	45-2	215668	212292	196862	208274	4.81	cps
Selenium	82-1	1708	1556	1696	1653	5.09	cps
Selenium	77-2	170	173	153	166	6.47	cps
Selenium	78-2	587	577	557	573	2.66	cps
Silicon	28-1	2888018	2972249	2980195	2946821	1.73	cps
Silver	107-1	58845	60231	60315	59797	1.38	cps
Silver	109-1	57089	57426	57547	57354	0.41	cps
Sodium	23-2	28550	28540	28440	28510	0.21	cps
Strontium	86-1	35519	37110	37297	36642	2.67	cps
Strontium	88-1	314618	314676	319908	316400	0.96	cps
Sulfur	34-1	124976	122244	122882	123367	1.16	cps
Terbium	159-1	6830997	6982096	6955527	6922873	1.17	cps
Terbium	159-2	4305848	4186839	4027253	4173313	3.35	cps
Thallium	203-1	49791	51396	51899	51029	2.16	cps
Thallium	205-1	119079	119344	121207	119877	0.97	cps
Tin	118-1	4241	4281	4134	4218	1.80	cps
Titanium	47-1	284413	289590	294589	289531	1.76	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:22:09	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5891	6178	6348	6139	3.76	cps
Vanadium	51-2	245757	247132	248448	247112	0.54	cps
Yttrium	89-1	7937281	7938748	7856325	7910784	0.60	cps
Yttrium	89-2	1935637	1923211	1820987	1893278	3.32	cps
Zinc	66-2	54870	55258	54763	54964	0.47	cps
Zirconium	90-1	23449	24951	23899	24100	3.20	cps
Zirconium	91-1	5358	5714	5618	5563	3.32	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:25:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1491593	1478433	1483883	1484636	0.45	cps
Antimony	121-1	507329	519420	516361	514370	1.22	cps
Arsenic	75-2	13650	13379	13546	13525	1.01	cps
Barium	135-1	2951869	3013998	2995076	2986981	1.07	cps
Barium	137-1	5093757	5127180	5166775	5129237	0.71	cps
Beryllium	9-1	45179	45717	45343	45413	0.61	cps
Bismuth	209-1	4319468	4278697	4290206	4296124	0.49	cps
Bismuth	209-2	3151478	3379557	3065462	3198832	5.07	cps
Bromine	81-1	7575	7492	7399	7489	1.18	cps
Bromine	81-2	60	90	87	79	20.84	cps
Cadmium	108-1	4257	4287	4274	4273	0.35	cps
Cadmium	106-1	7715	7769	7669	7718	0.65	cps
Cadmium	111-1	64674	65768	65493	65312	0.87	cps
Calcium	43-1	62311	64232	63415	63319	1.52	cps
Calcium	44-1	1030457	1039546	1038505	1036169	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	372864	374018	372739	373207	0.19	cps
Cobalt	59-2	1353295	1339233	1342358	1344962	0.55	cps
Copper	63-2	497650	491784	496689	495374	0.64	cps
Dysprosium	156-1	13773	14204	13830	13936	1.68	cps
Dysprosium	156-2	10324	10527	10571	10474	1.26	cps
Erbium	164-1	12539	12492	12432	12488	0.43	cps
Erbium	164-2	7549	7669	7659	7625	0.87	cps
Gadolinium	160-1	13303	13390	13520	13404	0.81	cps
Gadolinium	160-2	8906	8806	9123	8945	1.81	cps
Holmium	165-1	6690579	6759072	6606587	6685413	1.14	cps
Holmium	165-2	4198054	4633033	4236294	4355794	5.53	cps
Indium	115-1	4786761	4840777	4738725	4788754	1.07	cps
Indium	115-2	1454958	1623920	1439162	1506013	6.80	cps
Iron	56-2	47560269	47237571	47913096	47570312	0.71	cps
Iron	57-2	1249582	1233794	1234819	1239398	0.71	cps
Iron	54-2	2651550	2641479	2673761	2655597	0.62	cps
Krypton	83-1	130	163	113	136	18.78	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:25:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	140616	143650	143408	142558	1.18	cps
Lead	207-1	123855	125466	125933	125085	0.87	cps
Lead	208-1	562433	572890	572078	569134	1.02	cps
Lithium	6-1	940215	943956	942584	942252	0.20	cps
Magnesium	24-2	899834	893439	894686	895986	0.38	cps
Manganese	55-2	1364211	1373648	1381524	1373128	0.63	cps
Molybdenum	94-1	9627	9833	9426	9629	2.11	cps
Molybdenum	95-1	910	860	990	920	7.13	cps
Molybdenum	96-1	3150	3204	3140	3165	1.08	cps
Molybdenum	97-1	513	653	610	592	12.10	cps
Molybdenum	98-1	1503	1707	1567	1592	6.54	cps
Neodymium	150-1	22715	23059	23002	22925	0.80	cps
Neodymium	150-2	11888	11965	11808	11887	0.66	cps
Nickel	60-2	339100	337078	340249	338809	0.47	cps
Phosphorus	31-2	4367	4264	4464	4365	2.29	cps
Potassium	39-2	625322	623958	622774	624018	0.20	cps
Rhodium	103-1	4209852	4250101	4248785	4236246	0.54	cps
Rhodium	103-2	2355293	2555534	2317273	2409367	5.31	cps
Scandium	45-1	2488480	2508534	2429887	2475634	1.65	cps
Scandium	45-2	204193	221753	203177	209708	4.98	cps
Selenium	82-1	7763	8265	8532	8187	4.77	cps
Selenium	77-2	817	713	700	743	8.59	cps
Selenium	78-2	2510	2557	2307	2458	5.41	cps
Silicon	28-1	2877872	2895230	2912535	2895213	0.60	cps
Silver	107-1	134941	137477	137733	136717	1.13	cps
Silver	109-1	128429	131244	132943	130872	1.74	cps
Sodium	23-2	27979	28136	27885	28000	0.45	cps
Strontium	86-1	34507	36101	35289	35299	2.26	cps
Strontium	88-1	306417	311902	310162	309494	0.91	cps
Sulfur	34-1	119492	119479	119274	119415	0.10	cps
Terbium	159-1	6865397	6858299	6750407	6824701	0.94	cps
Terbium	159-2	4153660	4540729	4116012	4270134	5.51	cps
Thallium	203-1	248014	250917	251523	250152	0.75	cps
Thallium	205-1	583692	600681	600386	594920	1.63	cps
Tin	118-1	3884	4184	4164	4077	4.12	cps
Titanium	47-1	278347	281309	284745	281467	1.14	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 14:25:26	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6255	5848	6001	6035	3.40	cps
Vanadium	51-2	852940	845765	852762	850489	0.48	cps
Yttrium	89-1	7890021	7908247	7825433	7874567	0.55	cps
Yttrium	89-2	1869178	2023068	1848531	1913592	4.98	cps
Zinc	66-2	177244	175073	174914	175744	0.74	cps
Zirconium	90-1	23849	24577	24390	24272	1.56	cps
Zirconium	91-1	5101	5441	5498	5347	4.01	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:28:58	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4632081	4596375	4586692	4605049	0.52	cps
Antimony	121-1	6752	6925	6905	6861	1.38	cps
Arsenic	75-2	17497	17487	17040	17341	1.51	cps
Barium	135-1	448291	449956	450936	449727	0.30	cps
Barium	137-1	770757	774346	782040	775714	0.74	cps
Beryllium	9-1	1420	1540	1420	1460	4.75	cps
Bismuth	209-1	3617646	4295451	4120318	4011138	8.77	cps
Bismuth	209-2	3034452	3050103	3038781	3041112	0.27	cps
Bromine	81-1	7272	7759	7926	7652	4.44	cps
Bromine	81-2	250	207	193	217	13.67	cps
Cadmium	108-1	127	170	173	157	16.62	cps
Cadmium	106-1	2220	2594	2430	2415	7.75	cps
Cadmium	111-1	2292	2560	2557	2470	6.22	cps
Calcium	43-1	221926	225564	228605	225365	1.48	cps
Calcium	44-1	3352294	3419320	3498248	3423287	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95811	96254	96238	96101	0.26	cps
Cobalt	59-2	104396	105326	105309	105010	0.51	cps
Copper	63-2	201775	200805	199291	200624	0.62	cps
Dysprosium	156-1	50206	50250	50005	50154	0.26	cps
Dysprosium	156-2	36801	37447	37042	37097	0.88	cps
Erbium	164-1	43564	43738	44450	43918	1.07	cps
Erbium	164-2	28369	27534	27938	27947	1.49	cps
Gadolinium	160-1	46811	47116	47447	47124	0.67	cps
Gadolinium	160-2	31238	32240	31836	31772	1.59	cps
Holmium	165-1	6023069	6880752	6715342	6539721	6.96	cps
Holmium	165-2	4219042	4196757	4204059	4206619	0.27	cps
Indium	115-1	4253175	4881757	4813147	4649359	7.42	cps
Indium	115-2	1420806	1416939	1423096	1420281	0.22	cps
Iron	56-2	164690431	163386151	163740591	163939058	0.41	cps
Iron	57-2	4051994	4079887	4016343	4049408	0.79	cps
Iron	54-2	8959209	8943099	8922135	8941481	0.21	cps
Krypton	83-1	153	160	127	147	12.03	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:28:58	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	211523	210851	214907	212427	1.02	cps
Lead	207-1	188011	184076	187477	186522	1.14	cps
Lead	208-1	838613	835934	848726	841091	0.80	cps
Lithium	6-1	922453	971477	942684	945538	2.61	cps
Magnesium	24-2	3114193	3082415	3052733	3083114	1.00	cps
Manganese	55-2	2554587	2537284	2538491	2543454	0.38	cps
Molybdenum	94-1	32519	33121	32904	32848	0.93	cps
Molybdenum	95-1	3077	3174	3094	3115	1.66	cps
Molybdenum	96-1	9993	10380	10667	10347	3.27	cps
Molybdenum	97-1	1930	1993	1790	1905	5.46	cps
Molybdenum	98-1	4681	4978	5031	4896	3.85	cps
Neodymium	150-1	80079	80840	81349	80756	0.79	cps
Neodymium	150-2	43393	42955	43831	43393	1.01	cps
Nickel	60-2	31356	30919	30775	31017	0.98	cps
Phosphorus	31-2	16159	15735	15598	15831	1.85	cps
Potassium	39-2	2028869	2002590	1995221	2008893	0.88	cps
Rhodium	103-1	3690731	4276436	4096968	4021378	7.46	cps
Rhodium	103-2	2245089	2272972	2275920	2264660	0.75	cps
Scandium	45-1	2242156	2625565	2513341	2460354	8.01	cps
Scandium	45-2	207382	208362	207987	207910	0.24	cps
Selenium	82-1	187	214	272	225	19.29	cps
Selenium	77-2	77	137	80	98	34.49	cps
Selenium	78-2	240	233	187	220	13.21	cps
Silicon	28-1	19312601	19332493	19615998	19420364	0.87	cps
Silver	107-1	1860	1720	1687	1756	5.24	cps
Silver	109-1	1743	1563	1513	1607	7.53	cps
Sodium	23-2	67390	68970	68508	68289	1.19	cps
Strontium	86-1	126182	126703	127543	126809	0.54	cps
Strontium	88-1	1090695	1117274	1123743	1110571	1.58	cps
Sulfur	34-1	127416	127288	127241	127315	0.07	cps
Terbium	159-1	5927223	6978942	6723255	6543140	8.38	cps
Terbium	159-2	4095189	4047420	4178784	4107131	1.62	cps
Thallium	203-1	1610	1747	1747	1701	4.64	cps
Thallium	205-1	3911	4067	4254	4077	4.22	cps
Tin	118-1	11825	11852	12129	11935	1.41	cps
Titanium	47-1	1067724	1075094	1085311	1076043	0.82	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04	Instrumnet Name :	P7
Client Sample ID :	MYD570	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:28:58	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21307	21537	20870	21238	1.60	cps
Vanadium	51-2	308786	307824	307550	308053	0.21	cps
Yttrium	89-1	7251651	8514502	8196923	7987692	8.22	cps
Yttrium	89-2	1931460	1928485	1944186	1934710	0.43	cps
Zinc	66-2	79259	79788	79279	79442	0.38	cps
Zirconium	90-1	83294	84173	86811	84760	2.16	cps
Zirconium	91-1	18665	18822	18695	18728	0.44	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:32:16	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4875516	4884967	4899579	4886688	0.25	cps
Antimony	121-1	9436	8880	8883	9066	3.54	cps
Arsenic	75-2	18552	18432	18532	18505	0.35	cps
Barium	135-1	448407	460593	459312	456104	1.47	cps
Barium	137-1	782267	807032	803960	797753	1.69	cps
Beryllium	9-1	1597	1530	1610	1579	2.71	cps
Bismuth	209-1	4142358	4085791	4064729	4097626	0.98	cps
Bismuth	209-2	2984996	2955096	2987750	2975947	0.61	cps
Bromine	81-1	8042	7622	7865	7843	2.69	cps
Bromine	81-2	227	257	240	241	6.23	cps
Cadmium	108-1	143	173	140	152	12.06	cps
Cadmium	106-1	2337	2534	2430	2434	4.04	cps
Cadmium	111-1	2469	2636	2540	2548	3.28	cps
Calcium	43-1	237743	238956	243795	240165	1.33	cps
Calcium	44-1	3593101	3577094	3661897	3610697	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98975	98781	99140	98965	0.18	cps
Cobalt	59-2	109777	110006	110096	109960	0.15	cps
Copper	63-2	215377	211817	212787	213327	0.86	cps
Dysprosium	156-1	50437	52960	51916	51771	2.45	cps
Dysprosium	156-2	38847	39174	38362	38795	1.05	cps
Erbium	164-1	45768	45343	46597	45903	1.39	cps
Erbium	164-2	28897	28816	29545	29086	1.37	cps
Gadolinium	160-1	48664	49203	50474	49447	1.88	cps
Gadolinium	160-2	33022	33239	32782	33014	0.69	cps
Holmium	165-1	6351982	6572846	6537789	6487539	1.83	cps
Holmium	165-2	4227983	4163321	4230918	4207407	0.91	cps
Indium	115-1	4585736	4756757	4614247	4652247	1.97	cps
Indium	115-2	1408471	1405852	1402028	1405450	0.23	cps
Iron	56-2	172952577	173125224	172450911	172842904	0.20	cps
Iron	57-2	4241522	4281192	4237904	4253539	0.56	cps
Iron	54-2	9449403	9418597	9476375	9448125	0.31	cps
Krypton	83-1	160	160	157	159	1.21	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:32:16	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	218502	220510	220800	219937	0.57	cps
Lead	207-1	192045	201646	196639	196777	2.44	cps
Lead	208-1	873455	886135	885632	881741	0.81	cps
Lithium	6-1	933752	1006174	942400	960775	4.12	cps
Magnesium	24-2	3267850	3251506	3209240	3242866	0.93	cps
Manganese	55-2	2605120	2667043	2633690	2635284	1.18	cps
Molybdenum	94-1	36048	36459	36325	36277	0.58	cps
Molybdenum	95-1	3320	3434	3170	3308	3.99	cps
Molybdenum	96-1	11104	11578	11525	11402	2.28	cps
Molybdenum	97-1	1947	1930	1920	1932	0.70	cps
Molybdenum	98-1	5024	5024	5341	5130	3.57	cps
Neodymium	150-1	85004	83492	84638	84378	0.94	cps
Neodymium	150-2	45175	44888	45032	45032	0.32	cps
Nickel	60-2	31957	31978	32024	31986	0.11	cps
Phosphorus	31-2	16469	16462	16476	16469	0.04	cps
Potassium	39-2	2101564	2106814	2108164	2105514	0.17	cps
Rhodium	103-1	4063124	4206045	4102916	4124028	1.79	cps
Rhodium	103-2	2271335	2246409	2274847	2264197	0.68	cps
Scandium	45-1	2507637	2483981	2509739	2500453	0.57	cps
Scandium	45-2	209004	206547	205331	206961	0.90	cps
Selenium	82-1	240	202	235	225	9.20	cps
Selenium	77-2	80	103	90	91	12.85	cps
Selenium	78-2	187	227	217	210	9.91	cps
Silicon	28-1	17627223	18220084	18142118	17996475	1.79	cps
Silver	107-1	1573	1720	1783	1692	6.37	cps
Silver	109-1	1347	1480	1443	1423	4.84	cps
Sodium	23-2	74197	74174	74134	74168	0.04	cps
Strontium	86-1	128656	133828	131729	131404	1.98	cps
Strontium	88-1	1147454	1161540	1179589	1162861	1.39	cps
Sulfur	34-1	122513	121508	120182	121401	0.96	cps
Terbium	159-1	6572175	6802250	6768489	6714305	1.85	cps
Terbium	159-2	4171104	4058123	4133193	4120807	1.40	cps
Thallium	203-1	1880	2027	2094	2000	5.46	cps
Thallium	205-1	4414	4624	4968	4669	5.99	cps
Tin	118-1	12015	14055	12479	12850	8.32	cps
Titanium	47-1	1104297	1143330	1133860	1127163	1.81	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-05	Instrumnet Name :	P7
Client Sample ID :	MYD570D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:32:16	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20840	21043	21397	21093	1.34	cps
Vanadium	51-2	327171	326706	325012	326296	0.35	cps
Yttrium	89-1	8126873	7964358	8129465	8073565	1.17	cps
Yttrium	89-2	1906904	1908993	1918924	1911607	0.34	cps
Zinc	66-2	83756	84417	84192	84122	0.40	cps
Zirconium	90-1	90932	93901	92951	92595	1.64	cps
Zirconium	91-1	20214	20892	20314	20473	1.79	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 14:35:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	912441	911695	905354	909830	0.43	cps
Antimony	121-1	1297	1350	1350	1332	2.31	cps
Arsenic	75-2	3207	3440	3260	3303	3.70	cps
Barium	135-1	86551	88080	87933	87521	0.96	cps
Barium	137-1	148924	150274	151503	150234	0.86	cps
Beryllium	9-1	283	307	363	318	12.95	cps
Bismuth	209-1	4056883	4011617	4004707	4024403	0.70	cps
Bismuth	209-2	3042173	3068396	3022006	3044192	0.76	cps
Bromine	81-1	7255	7058	7112	7142	1.42	cps
Bromine	81-2	97	97	63	86	22.50	cps
Cadmium	108-1	23	43	10	26	65.65	cps
Cadmium	106-1	2023	2097	2064	2061	1.78	cps
Cadmium	111-1	1590	1591	1594	1592	0.13	cps
Calcium	43-1	42687	43887	44879	43818	2.51	cps
Calcium	44-1	699840	708546	714792	707726	1.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19623	18738	19152	19171	2.31	cps
Cobalt	59-2	20340	20457	21088	20629	1.95	cps
Copper	63-2	39829	40394	39967	40063	0.74	cps
Dysprosium	156-1	9303	9857	9443	9534	3.02	cps
Dysprosium	156-2	7475	7655	7655	7595	1.37	cps
Erbium	164-1	8122	8326	8449	8299	1.99	cps
Erbium	164-2	5348	5428	5344	5373	0.88	cps
Gadolinium	160-1	9156	8976	9166	9100	1.18	cps
Gadolinium	160-2	6365	6488	6442	6432	0.97	cps
Holmium	165-1	6411058	6633752	6388831	6477881	2.09	cps
Holmium	165-2	4242471	4152493	4147098	4180687	1.28	cps
Indium	115-1	4695098	4819548	4568897	4694514	2.67	cps
Indium	115-2	1426359	1419012	1414718	1420030	0.41	cps
Iron	56-2	32308265	31921290	32062720	32097425	0.61	cps
Iron	57-2	835647	830977	827937	831520	0.47	cps
Iron	54-2	1775268	1768230	1762852	1768783	0.35	cps
Krypton	83-1	120	83	123	109	20.39	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 14:35:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	40707	41831	41737	41425	1.50	cps
Lead	207-1	36512	36639	36840	36664	0.45	cps
Lead	208-1	162086	164058	165691	163945	1.10	cps
Lithium	6-1	925729	911254	976123	937702	3.63	cps
Magnesium	24-2	617736	617653	614088	616493	0.34	cps
Manganese	55-2	507406	505565	504395	505788	0.30	cps
Molybdenum	94-1	6512	6338	6405	6418	1.36	cps
Molybdenum	95-1	653	643	627	641	2.10	cps
Molybdenum	96-1	2043	2290	1900	2078	9.49	cps
Molybdenum	97-1	363	427	400	397	8.02	cps
Molybdenum	98-1	1113	1007	1000	1040	6.12	cps
Neodymium	150-1	15285	15342	15552	15393	0.91	cps
Neodymium	150-2	8709	8476	8206	8464	2.98	cps
Nickel	60-2	6248	6345	6435	6343	1.47	cps
Phosphorus	31-2	3080	3220	3217	3173	2.52	cps
Potassium	39-2	445446	442857	443873	444058	0.29	cps
Rhodium	103-1	4084880	4121654	4114671	4107068	0.48	cps
Rhodium	103-2	2295009	2286201	2274040	2285083	0.46	cps
Scandium	45-1	2345285	2353651	2363573	2354170	0.39	cps
Scandium	45-2	195328	198508	195804	196547	0.87	cps
Selenium	82-1	169	191	117	159	23.68	cps
Selenium	77-2	20	17	7	14	48.02	cps
Selenium	78-2	110	137	123	123	10.81	cps
Silicon	28-1	3750425	3843949	3813179	3802517	1.25	cps
Silver	107-1	300	343	317	320	6.83	cps
Silver	109-1	263	293	280	279	5.39	cps
Sodium	23-2	23364	22303	22894	22854	2.33	cps
Strontium	86-1	24841	25552	24908	25100	1.56	cps
Strontium	88-1	215968	215975	216719	216221	0.20	cps
Sulfur	34-1	106880	105625	106937	106481	0.70	cps
Terbium	159-1	6585338	6434070	6533570	6517659	1.18	cps
Terbium	159-2	4076073	4053353	4027591	4052339	0.60	cps
Thallium	203-1	560	593	557	570	3.56	cps
Thallium	205-1	1423	1307	1300	1343	5.16	cps
Tin	118-1	3037	3044	2990	3024	0.96	cps
Titanium	47-1	204989	209605	210266	208287	1.38	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04LX5	Instrumnet Name :	P7
Client Sample ID :	MYD570L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 14:35:29	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3961	4107	4097	4055	2.02	cps
Vanadium	51-2	60156	60865	60879	60633	0.68	cps
Yttrium	89-1	7545592	7460757	7520781	7509043	0.58	cps
Yttrium	89-2	1799068	1829338	1789618	1806008	1.15	cps
Zinc	66-2	15461	15662	15218	15447	1.44	cps
Zirconium	90-1	16436	17127	16776	16780	2.06	cps
Zirconium	91-1	3564	3797	3714	3692	3.20	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:38:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4999045	4966416	4926897	4964120	0.73	cps
Antimony	121-1	381338	386000	389901	385746	1.11	cps
Arsenic	75-2	24677	25061	24213	24651	1.72	cps
Barium	135-1	2580919	2623573	2615005	2606499	0.87	cps
Barium	137-1	4446358	4549243	4497856	4497819	1.14	cps
Beryllium	9-1	34765	34926	35146	34946	0.55	cps
Bismuth	209-1	3970701	3998235	4120568	4029834	1.98	cps
Bismuth	209-2	3004838	2361350	3046939	2804376	13.70	cps
Bromine	81-1	7562	7549	7602	7571	0.37	cps
Bromine	81-2	207	203	213	208	2.45	cps
Cadmium	108-1	3210	3307	3327	3282	1.90	cps
Cadmium	106-1	6522	6585	6592	6566	0.59	cps
Cadmium	111-1	49431	49953	49973	49786	0.62	cps
Calcium	43-1	233432	238565	240107	237368	1.47	cps
Calcium	44-1	3492912	3636988	3626182	3585361	2.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	359603	362744	354269	358872	1.19	cps
Cobalt	59-2	1080005	1090736	1068370	1079704	1.04	cps
Copper	63-2	534109	539553	527146	533603	1.17	cps
Dysprosium	156-1	51427	52775	52625	52276	1.41	cps
Dysprosium	156-2	40027	39014	39499	39513	1.28	cps
Erbium	164-1	45965	47530	46815	46770	1.68	cps
Erbium	164-2	29972	30270	29628	29957	1.07	cps
Gadolinium	160-1	49918	50491	50735	50381	0.83	cps
Gadolinium	160-2	33353	33493	33346	33398	0.25	cps
Holmium	165-1	6457934	6545738	6570234	6524636	0.91	cps
Holmium	165-2	4130380	3248183	4275164	3884575	14.31	cps
Indium	115-1	4630714	4584155	4610568	4608479	0.51	cps
Indium	115-2	1407303	1102778	1441659	1317247	14.16	cps
Iron	56-2	174116357	175253111	173475724	174281731	0.52	cps
Iron	57-2	4331855	4353047	4274245	4319715	0.94	cps
Iron	54-2	9538840	9561203	9424332	9508125	0.77	cps
Krypton	83-1	133	127	133	131	2.94	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:38:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	274159	280698	284357	279738	1.85	cps
Lead	207-1	244022	247462	249774	247086	1.17	cps
Lead	208-1	1100314	1125556	1135553	1120474	1.62	cps
Lithium	6-1	989205	1003511	924444	972387	4.33	cps
Magnesium	24-2	3213886	3296180	3252365	3254143	1.27	cps
Manganese	55-2	3193803	3192023	3145375	3177067	0.86	cps
Molybdenum	94-1	34380	35162	35577	35040	1.73	cps
Molybdenum	95-1	3240	3247	3434	3307	3.32	cps
Molybdenum	96-1	10968	11148	11238	11118	1.24	cps
Molybdenum	97-1	1963	1970	1917	1950	1.49	cps
Molybdenum	98-1	5078	5281	5238	5199	2.06	cps
Neodymium	150-1	84722	84441	86594	85252	1.37	cps
Neodymium	150-2	45861	45527	45961	45783	0.50	cps
Nickel	60-2	275738	275316	273709	274921	0.39	cps
Phosphorus	31-2	16599	16863	16195	16552	2.03	cps
Potassium	39-2	2116910	2152825	2143890	2137875	0.87	cps
Rhodium	103-1	3974381	4075546	4035543	4028490	1.26	cps
Rhodium	103-2	2212666	1746149	2273867	2077561	13.89	cps
Scandium	45-1	2474046	2482384	2468370	2474933	0.28	cps
Scandium	45-2	204139	163392	210539	192690	13.27	cps
Selenium	82-1	3739	3747	3855	3780	1.72	cps
Selenium	77-2	430	377	373	393	8.08	cps
Selenium	78-2	1253	1277	1287	1272	1.34	cps
Silicon	28-1	19382461	19758677	19931727	19690955	1.43	cps
Silver	107-1	217634	222184	225713	221843	1.83	cps
Silver	109-1	208680	211645	212267	210864	0.91	cps
Sodium	23-2	72138	72442	72580	72387	0.31	cps
Strontium	86-1	133357	134080	133999	133812	0.30	cps
Strontium	88-1	1153618	1178700	1183495	1171938	1.37	cps
Sulfur	34-1	116943	118528	118230	117900	0.71	cps
Terbium	159-1	6521139	6587103	6631022	6579755	0.84	cps
Terbium	159-2	4125401	3218659	4207118	3850393	14.25	cps
Thallium	203-1	182593	185183	186420	184732	1.06	cps
Thallium	205-1	437381	447738	451045	445388	1.60	cps
Tin	118-1	12072	12375	12329	12259	1.33	cps
Titanium	47-1	1107461	1129597	1137241	1124766	1.38	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-06	Instrumnet Name :	P7
Client Sample ID :	MYD570S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:38:49	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21654	22285	22516	22152	2.01	cps
Vanadium	51-2	896187	904645	895219	898684	0.58	cps
Yttrium	89-1	8022084	8030023	8034734	8028947	0.08	cps
Yttrium	89-2	1912159	1533895	1952588	1799548	12.83	cps
Zinc	66-2	195424	197177	195627	196076	0.49	cps
Zirconium	90-1	88397	90587	90322	89769	1.33	cps
Zirconium	91-1	19723	20054	19957	19911	0.85	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:42:02	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5247369	5275368	5266789	5263175	0.27	cps
Antimony	121-1	1920375	1920085	1932988	1924483	0.38	cps
Arsenic	75-2	47435	47703	48305	47814	0.93	cps
Barium	135-1	10250601	10400986	10546470	10399352	1.42	cps
Barium	137-1	17887063	18192108	18054860	18044677	0.85	cps
Beryllium	9-1	156225	157730	157936	157297	0.59	cps
Bismuth	209-1	4033241	4085604	3984603	4034483	1.25	cps
Bismuth	209-2	2967916	2958447	2956698	2961020	0.20	cps
Bromine	81-1	7295	7225	7279	7266	0.50	cps
Bromine	81-2	260	240	200	233	13.09	cps
Cadmium	108-1	15165	14858	15255	15092	1.38	cps
Cadmium	106-1	22377	23072	22978	22809	1.65	cps
Cadmium	111-1	228314	231895	230929	230379	0.80	cps
Calcium	43-1	227634	226829	229001	227822	0.48	cps
Calcium	44-1	3372975	3408514	3475379	3418956	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1281902	1289234	1284912	1285350	0.29	cps
Cobalt	59-2	4602858	4587669	4565289	4585272	0.41	cps
Copper	63-2	1741097	1744958	1725323	1737126	0.60	cps
Dysprosium	156-1	49932	51109	50323	50455	1.19	cps
Dysprosium	156-2	37854	38466	37734	38018	1.03	cps
Erbium	164-1	44902	45327	44491	44906	0.93	cps
Erbium	164-2	28619	29274	29267	29054	1.29	cps
Gadolinium	160-1	48142	49042	49149	48778	1.13	cps
Gadolinium	160-2	32484	32080	32574	32380	0.81	cps
Holmium	165-1	6437022	6473337	6402404	6437588	0.55	cps
Holmium	165-2	4139244	4144372	4085334	4122984	0.79	cps
Indium	115-1	4499574	4508202	4564425	4524067	0.78	cps
Indium	115-2	1373910	1375137	1363008	1370685	0.49	cps
Iron	56-2	170391124	169429821	168816667	169545871	0.47	cps
Iron	57-2	4178116	4143645	4170756	4164173	0.44	cps
Iron	54-2	9261978	9262678	9353835	9292830	0.57	cps
Krypton	83-1	163	107	170	147	23.73	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:42:02	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	497614	513437	507564	506205	1.58	cps
Lead	207-1	443651	449544	450792	447996	0.85	cps
Lead	208-1	2001088	2045050	2040686	2028941	1.19	cps
Lithium	6-1	979055	984511	985795	983120	0.36	cps
Magnesium	24-2	3081635	3096600	3030220	3069485	1.13	cps
Manganese	55-2	4770584	4859283	4811103	4813656	0.92	cps
Molybdenum	94-1	34009	34781	34668	34486	1.21	cps
Molybdenum	95-1	3170	3324	3297	3264	2.51	cps
Molybdenum	96-1	10844	11054	10934	10944	0.96	cps
Molybdenum	97-1	1927	2017	1863	1936	3.98	cps
Molybdenum	98-1	5131	5308	5238	5225	1.70	cps
Neodymium	150-1	81668	83442	83374	82828	1.21	cps
Neodymium	150-2	44396	43647	44624	44222	1.16	cps
Nickel	60-2	1140999	1148533	1140485	1143339	0.39	cps
Phosphorus	31-2	15835	15668	16185	15896	1.66	cps
Potassium	39-2	1993480	2055674	2016735	2021963	1.55	cps
Rhodium	103-1	3987540	3974855	3926413	3962936	0.81	cps
Rhodium	103-2	2217959	2172712	2194639	2195103	1.03	cps
Scandium	45-1	2401705	2412118	2400276	2404700	0.27	cps
Scandium	45-2	199761	199252	196618	198544	0.85	cps
Selenium	82-1	28272	28847	28861	28660	1.17	cps
Selenium	77-2	2677	2634	2810	2707	3.40	cps
Selenium	78-2	8826	8666	8863	8785	1.19	cps
Silicon	28-1	18553504	18742072	18643588	18646388	0.51	cps
Silver	107-1	974097	949910	980390	968132	1.66	cps
Silver	109-1	932877	912468	912133	919159	1.29	cps
Sodium	23-2	69258	70484	69941	69894	0.88	cps
Strontium	86-1	126800	130451	128807	128686	1.42	cps
Strontium	88-1	1121420	1131665	1133701	1128929	0.58	cps
Sulfur	34-1	112578	112497	112228	112434	0.16	cps
Terbium	159-1	6511507	6563613	6517741	6530953	0.44	cps
Terbium	159-2	4007556	4076937	4055062	4046519	0.88	cps
Thallium	203-1	889086	902381	908252	899906	1.09	cps
Thallium	205-1	2363792	2434760	2438719	2412424	1.75	cps
Tin	118-1	11912	11898	12209	12006	1.46	cps
Titanium	47-1	1066777	1080208	1086207	1077730	0.92	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2817-04MS	Instrumnet Name :	P7
Client Sample ID :	MYD570SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 14:42:02	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21507	21654	22105	21756	1.43	cps
Vanadium	51-2	2926488	2899367	2924847	2916901	0.52	cps
Yttrium	89-1	7904775	8002309	7863269	7923451	0.90	cps
Yttrium	89-2	1885082	1895046	1891268	1890465	0.27	cps
Zinc	66-2	606548	605424	606376	606116	0.10	cps
Zirconium	90-1	85607	86908	85239	85918	1.02	cps
Zirconium	91-1	18592	19667	19690	19316	3.25	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:11:18	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1172876	1162961	1164108	1166648	0.46	cps
Antimony	121-1	1060	930	1030	1007	6.76	cps
Arsenic	75-2	3911	4147	3947	4002	3.18	cps
Barium	135-1	119308	123442	122985	121912	1.86	cps
Barium	137-1	210681	213089	211082	211617	0.61	cps
Beryllium	9-1	457	457	407	440	6.56	cps
Bismuth	209-1	4083044	4013344	4064646	4053678	0.89	cps
Bismuth	209-2	3004462	3057574	3028999	3030345	0.88	cps
Bromine	81-1	7862	7979	7492	7778	3.27	cps
Bromine	81-2	117	110	157	128	19.75	cps
Cadmium	108-1	60	43	47	50	17.64	cps
Cadmium	106-1	2290	1950	2130	2124	8.01	cps
Cadmium	111-1	1961	1751	1778	1830	6.23	cps
Calcium	43-1	58817	59710	59278	59268	0.75	cps
Calcium	44-1	960216	977779	976340	971445	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22517	22407	21736	22220	1.90	cps
Cobalt	59-2	24874	23969	24253	24365	1.90	cps
Copper	63-2	62102	62212	62262	62192	0.13	cps
Dysprosium	156-1	14451	14958	14785	14731	1.75	cps
Dysprosium	156-2	10898	11024	11101	11008	0.93	cps
Erbium	164-1	12145	12716	12736	12532	2.68	cps
Erbium	164-2	7732	8069	8036	7946	2.34	cps
Gadolinium	160-1	13864	14060	14581	14168	2.62	cps
Gadolinium	160-2	9360	9663	9393	9472	1.76	cps
Holmium	165-1	6459440	6364049	6509652	6444380	1.15	cps
Holmium	165-2	4185701	4235131	4146069	4188967	1.07	cps
Indium	115-1	4704049	4603102	4648932	4652027	1.09	cps
Indium	115-2	1416474	1422355	1423721	1420850	0.27	cps
Iron	56-2	30216152	30032728	30119918	30122933	0.30	cps
Iron	57-2	780937	779149	773738	777942	0.48	cps
Iron	54-2	1631155	1652523	1665998	1649892	1.06	cps
Krypton	83-1	147	107	103	119	20.28	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:11:18	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	55777	55995	56791	56188	0.95	cps
Lead	207-1	49363	50363	50008	49911	1.02	cps
Lead	208-1	222676	226853	227178	225569	1.11	cps
Lithium	6-1	977875	975614	982640	978710	0.37	cps
Magnesium	24-2	755467	751170	746455	751030	0.60	cps
Manganese	55-2	640961	637039	638473	638824	0.31	cps
Molybdenum	94-1	15345	15458	15305	15369	0.52	cps
Molybdenum	95-1	577	540	563	560	3.31	cps
Molybdenum	96-1	3654	3580	3534	3589	1.69	cps
Molybdenum	97-1	370	290	343	334	12.18	cps
Molybdenum	98-1	837	917	857	870	4.79	cps
Neodymium	150-1	24568	25219	25059	24949	1.36	cps
Neodymium	150-2	13446	13150	13136	13244	1.32	cps
Nickel	60-2	8232	8249	7905	8129	2.38	cps
Phosphorus	31-2	3604	3577	3620	3600	0.61	cps
Potassium	39-2	596845	592473	589604	592974	0.61	cps
Rhodium	103-1	4226485	4073370	4150077	4149977	1.84	cps
Rhodium	103-2	2328853	2301729	2314112	2314898	0.59	cps
Scandium	45-1	2421661	2348900	2369739	2380100	1.57	cps
Scandium	45-2	198469	197626	197465	197853	0.27	cps
Selenium	82-1	113	207	204	175	30.74	cps
Selenium	77-2	53	50	23	42	38.95	cps
Selenium	78-2	140	143	137	140	2.38	cps
Silicon	28-1	7041736	7258901	7314802	7205146	2.00	cps
Silver	107-1	1183	1643	1897	1575	22.97	cps
Silver	109-1	1040	1673	1570	1428	23.80	cps
Sodium	23-2	52235	52686	53399	52773	1.11	cps
Strontium	86-1	29536	29570	29810	29639	0.50	cps
Strontium	88-1	252380	257907	259070	256452	1.39	cps
Sulfur	34-1	104675	104584	101357	103539	1.83	cps
Terbium	159-1	6573095	6516858	6590220	6560058	0.59	cps
Terbium	159-2	4091865	4106774	4079942	4092860	0.33	cps
Thallium	203-1	823	883	1013	907	10.71	cps
Thallium	205-1	1960	2264	2490	2238	11.88	cps
Tin	118-1	2627	2854	3061	2847	7.62	cps
Titanium	47-1	220366	222095	222787	221750	0.56	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:11:18	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4844	4948	4811	4868	1.46	cps
Vanadium	51-2	46234	45184	45682	45700	1.15	cps
Yttrium	89-1	7771832	7538681	7663065	7657859	1.52	cps
Yttrium	89-2	1840634	1833052	1824391	1832692	0.44	cps
Zinc	66-2	22243	22093	22030	22122	0.50	cps
Zirconium	90-1	39563	40288	40863	40238	1.62	cps
Zirconium	91-1	8603	9046	9103	8917	3.07	cps

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Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:14:38	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1178375	1209081	1218026	1201827	1.73	cps
Antimony	121-1	870	910	877	886	2.42	cps
Arsenic	75-2	4167	4561	4211	4313	5.00	cps
Barium	135-1	126197	128473	129058	127909	1.18	cps
Barium	137-1	220464	223897	224602	222988	0.99	cps
Beryllium	9-1	340	453	493	429	18.54	cps
Bismuth	209-1	4004645	4158446	4149954	4104348	2.11	cps
Bismuth	209-2	2945480	3136785	3027896	3036720	3.16	cps
Bromine	81-1	7902	7702	7962	7855	1.73	cps
Bromine	81-2	137	167	137	147	11.81	cps
Cadmium	108-1	70	83	57	70	19.04	cps
Cadmium	106-1	2094	2013	2107	2071	2.44	cps
Cadmium	111-1	1750	1721	1835	1769	3.35	cps
Calcium	43-1	60634	62769	62300	61901	1.81	cps
Calcium	44-1	997716	1014941	1017845	1010167	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23942	24293	24250	24162	0.79	cps
Cobalt	59-2	25508	25395	25695	25533	0.59	cps
Copper	63-2	63929	64438	63618	63995	0.65	cps
Dysprosium	156-1	15075	15235	15005	15105	0.78	cps
Dysprosium	156-2	11331	11668	11605	11535	1.55	cps
Erbium	164-1	12582	13093	13340	13005	2.97	cps
Erbium	164-2	8313	8323	8499	8378	1.25	cps
Gadolinium	160-1	14775	14491	14478	14581	1.15	cps
Gadolinium	160-2	9937	10047	9820	9935	1.14	cps
Holmium	165-1	6333415	6529192	6487634	6450080	1.60	cps
Holmium	165-2	4057082	4301871	4146508	4168487	2.97	cps
Indium	115-1	4546423	4660346	4703637	4636802	1.75	cps
Indium	115-2	1435751	1457288	1425813	1439617	1.12	cps
Iron	56-2	31181718	31281145	31326317	31263060	0.24	cps
Iron	57-2	811711	814962	815706	814126	0.26	cps
Iron	54-2	1730128	1707818	1722946	1720297	0.66	cps
Krypton	83-1	143	117	100	120	18.22	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:14:38	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	60179	61770	60618	60855	1.35	cps
Lead	207-1	53394	53481	54730	53868	1.39	cps
Lead	208-1	238854	242908	244609	242124	1.22	cps
Lithium	6-1	958806	981857	986594	975752	1.52	cps
Magnesium	24-2	784124	787589	783541	785085	0.28	cps
Manganese	55-2	668872	671078	666827	668926	0.32	cps
Molybdenum	94-1	15418	15995	15568	15661	1.91	cps
Molybdenum	95-1	580	537	550	556	4.00	cps
Molybdenum	96-1	3577	3590	3661	3609	1.24	cps
Molybdenum	97-1	337	383	340	353	7.37	cps
Molybdenum	98-1	880	907	913	900	1.96	cps
Neodymium	150-1	24942	25887	25997	25609	2.27	cps
Neodymium	150-2	13834	13797	13743	13791	0.33	cps
Nickel	60-2	8663	8736	8959	8786	1.76	cps
Phosphorus	31-2	3520	3781	3567	3623	3.83	cps
Potassium	39-2	612926	614685	612428	613346	0.19	cps
Rhodium	103-1	4137392	4168218	4144708	4150106	0.39	cps
Rhodium	103-2	2291443	2360627	2334046	2328706	1.50	cps
Scandium	45-1	2322778	2361737	2384496	2356337	1.32	cps
Scandium	45-2	190635	203396	198917	197649	3.28	cps
Selenium	82-1	147	130	195	157	21.40	cps
Selenium	77-2	40	30	43	38	18.36	cps
Selenium	78-2	153	140	147	147	4.55	cps
Silicon	28-1	7050415	7178922	7178455	7135931	1.04	cps
Silver	107-1	1030	1113	1193	1112	7.34	cps
Silver	109-1	883	1080	1103	1022	11.82	cps
Sodium	23-2	53483	54439	55101	54341	1.50	cps
Strontium	86-1	29994	30919	30461	30458	1.52	cps
Strontium	88-1	260757	265405	267613	264592	1.32	cps
Sulfur	34-1	99306	96962	98518	98262	1.21	cps
Terbium	159-1	6465785	6576644	6583122	6541850	1.01	cps
Terbium	159-2	3942691	4190951	4096653	4076765	3.07	cps
Thallium	203-1	757	730	813	767	5.55	cps
Thallium	205-1	1817	1810	1923	1850	3.44	cps
Tin	118-1	3070	3160	2950	3060	3.44	cps
Titanium	47-1	219252	224815	224043	222703	1.35	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:14:38	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5088	5114	5138	5113	0.49	cps
Vanadium	51-2	47585	48394	47939	47973	0.85	cps
Yttrium	89-1	7458833	7677199	7632009	7589347	1.52	cps
Yttrium	89-2	1809027	1921755	1856531	1862438	3.04	cps
Zinc	66-2	22464	22674	22994	22711	1.18	cps
Zirconium	90-1	40813	41876	41829	41506	1.45	cps
Zirconium	91-1	9090	9230	9466	9262	2.06	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 15:17:55	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	216149	218113	217465	217242	0.46	cps
Antimony	121-1	117	210	203	177	29.47	cps
Arsenic	75-2	690	753	767	737	5.56	cps
Barium	135-1	22595	22932	22895	22807	0.81	cps
Barium	137-1	38887	38957	39037	38960	0.19	cps
Beryllium	9-1	117	103	127	116	10.13	cps
Bismuth	209-1	4087393	4097903	4064958	4083418	0.41	cps
Bismuth	209-2	3037470	3073037	3014681	3041729	0.97	cps
Bromine	81-1	7462	7188	7142	7264	2.38	cps
Bromine	81-2	60	63	80	68	15.81	cps
Cadmium	108-1	10	20	23	18	39.03	cps
Cadmium	106-1	1907	1787	1890	1861	3.49	cps
Cadmium	111-1	1431	1300	1357	1363	4.82	cps
Calcium	43-1	11414	11148	10967	11176	2.01	cps
Calcium	44-1	178479	181606	182219	180768	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4347	4281	4297	4308	0.81	cps
Cobalt	59-2	4434	4421	4821	4559	4.99	cps
Copper	63-2	11875	11555	12318	11916	3.22	cps
Dysprosium	156-1	2707	2964	2840	2837	4.53	cps
Dysprosium	156-2	2230	2020	2074	2108	5.18	cps
Erbium	164-1	2390	2430	2350	2390	1.67	cps
Erbium	164-2	1573	1503	1483	1520	3.11	cps
Gadolinium	160-1	2587	2800	2630	2673	4.22	cps
Gadolinium	160-2	2037	1820	1900	1919	5.71	cps
Holmium	165-1	6410715	6333624	6414299	6386213	0.71	cps
Holmium	165-2	4196567	4156439	4084114	4145707	1.37	cps
Indium	115-1	4648635	4696770	4672003	4672470	0.52	cps
Indium	115-2	1424846	1417442	1422736	1421675	0.27	cps
Iron	56-2	5606662	5566549	5584980	5586064	0.36	cps
Iron	57-2	145075	145126	144580	144927	0.21	cps
Iron	54-2	317414	316553	316140	316702	0.21	cps
Krypton	83-1	77	113	117	102	21.71	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 15:17:55	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10454	10591	10784	10610	1.56	cps
Lead	207-1	9527	9530	9640	9566	0.67	cps
Lead	208-1	42229	42710	42710	42550	0.65	cps
Lithium	6-1	943528	959685	967704	956972	1.29	cps
Magnesium	24-2	140094	140111	141103	140436	0.41	cps
Manganese	55-2	118129	119207	118438	118591	0.47	cps
Molybdenum	94-1	2987	2964	3064	3005	1.74	cps
Molybdenum	95-1	123	123	97	114	13.45	cps
Molybdenum	96-1	750	687	737	724	4.61	cps
Molybdenum	97-1	87	80	103	90	13.35	cps
Molybdenum	98-1	227	197	177	200	12.58	cps
Neodymium	150-1	4634	4647	4804	4695	2.01	cps
Neodymium	150-2	2550	2380	2477	2469	3.45	cps
Nickel	60-2	1707	1643	1533	1628	5.39	cps
Phosphorus	31-2	667	773	750	730	7.68	cps
Potassium	39-2	134770	134985	135981	135245	0.48	cps
Rhodium	103-1	4162955	4173341	4174587	4170294	0.15	cps
Rhodium	103-2	2268106	2307613	2250995	2275571	1.28	cps
Scandium	45-1	2306662	2303579	2363293	2324512	1.45	cps
Scandium	45-2	194666	191946	192557	193056	0.74	cps
Selenium	82-1	199	136	131	155	24.15	cps
Selenium	77-2	7	20	3	10	88.20	cps
Selenium	78-2	143	90	137	123	23.56	cps
Silicon	28-1	1423223	1483629	1480720	1462524	2.33	cps
Silver	107-1	287	253	317	286	11.09	cps
Silver	109-1	213	200	217	210	4.20	cps
Sodium	23-2	24780	24723	23949	24484	1.90	cps
Strontium	86-1	5411	5651	5658	5573	2.52	cps
Strontium	88-1	47577	47373	47322	47424	0.28	cps
Sulfur	34-1	94697	94282	94751	94577	0.27	cps
Terbium	159-1	6439422	6533251	6561416	6511363	0.98	cps
Terbium	159-2	4122828	4044660	4064695	4077394	1.00	cps
Thallium	203-1	180	187	200	189	5.39	cps
Thallium	205-1	467	460	463	463	0.72	cps
Tin	118-1	1583	1580	1500	1555	3.04	cps
Titanium	47-1	39752	41005	40698	40485	1.61	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	20
Date & Time Acquired :	2024-10-08 15:17:55	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	997	887	837	907	9.03	cps
Vanadium	51-2	8329	8222	8279	8277	0.65	cps
Yttrium	89-1	7361217	7482161	7442026	7428468	0.83	cps
Yttrium	89-2	1773010	1790446	1784227	1782561	0.50	cps
Zinc	66-2	4507	4427	4474	4470	0.90	cps
Zirconium	90-1	7785	7795	7332	7638	3.47	cps
Zirconium	91-1	1683	1733	1770	1729	2.52	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:21:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1220854	1200230	1213386	1211490	0.86	cps
Antimony	121-1	90932	91912	93548	92130	1.43	cps
Arsenic	75-2	5765	5704	5878	5782	1.52	cps
Barium	135-1	591336	604486	602448	599423	1.18	cps
Barium	137-1	1029997	1041996	1054516	1042170	1.18	cps
Beryllium	9-1	8209	8179	8466	8284	1.90	cps
Bismuth	209-1	4103127	4118507	4079360	4100332	0.48	cps
Bismuth	209-2	3055389	3035846	3022256	3037831	0.55	cps
Bromine	81-1	7719	7672	7612	7668	0.70	cps
Bromine	81-2	133	167	120	140	17.17	cps
Cadmium	108-1	737	747	853	779	8.30	cps
Cadmium	106-1	3140	3147	3280	3189	2.48	cps
Cadmium	111-1	13084	13545	13154	13261	1.88	cps
Calcium	43-1	60409	60630	62053	61031	1.46	cps
Calcium	44-1	976356	996707	1003273	992112	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85316	85074	84964	85118	0.21	cps
Cobalt	59-2	260782	258811	259354	259649	0.39	cps
Copper	63-2	142016	140287	139566	140623	0.90	cps
Dysprosium	156-1	15582	15302	15112	15332	1.54	cps
Dysprosium	156-2	11592	11491	11508	11530	0.46	cps
Erbium	164-1	12883	13376	13253	13171	1.95	cps
Erbium	164-2	8419	7952	8369	8247	3.11	cps
Gadolinium	160-1	14865	14701	15442	15003	2.59	cps
Gadolinium	160-2	9884	9733	10084	9900	1.77	cps
Holmium	165-1	6404234	6453988	6454846	6437689	0.45	cps
Holmium	165-2	4227392	4215325	4162768	4201828	0.82	cps
Indium	115-1	4632098	4662127	4719957	4671394	0.96	cps
Indium	115-2	1416693	1415222	1410394	1414103	0.23	cps
Iron	56-2	31818264	31445020	31431989	31565091	0.69	cps
Iron	57-2	819321	809190	809530	812680	0.71	cps
Iron	54-2	1713155	1730623	1719430	1721069	0.51	cps
Krypton	83-1	93	90	143	109	27.44	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:21:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	72271	72934	73960	73055	1.16	cps
Lead	207-1	64696	65708	66060	65488	1.08	cps
Lead	208-1	291340	293241	297712	294098	1.11	cps
Lithium	6-1	955135	975457	987086	972559	1.66	cps
Magnesium	24-2	781124	771190	774332	775549	0.65	cps
Manganese	55-2	783877	778778	779643	780766	0.35	cps
Molybdenum	94-1	16059	15949	15932	15980	0.43	cps
Molybdenum	95-1	550	637	610	599	7.41	cps
Molybdenum	96-1	3544	3547	3614	3568	1.11	cps
Molybdenum	97-1	323	397	397	372	11.38	cps
Molybdenum	98-1	880	877	937	898	3.76	cps
Neodymium	150-1	25493	26478	26258	26076	1.98	cps
Neodymium	150-2	13817	13667	13493	13659	1.19	cps
Nickel	60-2	67196	67055	67069	67107	0.12	cps
Phosphorus	31-2	3770	3614	3600	3662	2.58	cps
Potassium	39-2	611919	605804	605297	607674	0.61	cps
Rhodium	103-1	4049947	4162762	4109583	4107431	1.37	cps
Rhodium	103-2	2310325	2310957	2288991	2303424	0.54	cps
Scandium	45-1	2321293	2336302	2349405	2335667	0.60	cps
Scandium	45-2	196374	196023	196114	196170	0.09	cps
Selenium	82-1	952	1005	900	952	5.52	cps
Selenium	77-2	117	67	127	103	31.11	cps
Selenium	78-2	373	460	380	404	11.92	cps
Silicon	28-1	7288058	7374556	7353051	7338555	0.61	cps
Silver	107-1	53776	54234	54294	54101	0.52	cps
Silver	109-1	50598	51605	52826	51676	2.16	cps
Sodium	23-2	50954	52071	52998	52008	1.97	cps
Strontium	86-1	29596	30488	30642	30242	1.87	cps
Strontium	88-1	264027	268010	267763	266600	0.84	cps
Sulfur	34-1	98662	97348	95657	97222	1.55	cps
Terbium	159-1	6492185	6588117	6653987	6578096	1.24	cps
Terbium	159-2	4048415	4115130	4089293	4084279	0.82	cps
Thallium	203-1	44288	44823	45696	44936	1.58	cps
Thallium	205-1	107312	109442	109184	108646	1.07	cps
Tin	118-1	3004	2824	3080	2969	4.44	cps
Titanium	47-1	219346	225528	226191	223688	1.69	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:21:16	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5054	5118	5114	5095	0.70	cps
Vanadium	51-2	183828	183926	181585	183113	0.72	cps
Yttrium	89-1	7519477	7633004	7719894	7624125	1.32	cps
Yttrium	89-2	1808740	1834517	1809108	1817455	0.81	cps
Zinc	66-2	49161	50401	50288	49950	1.37	cps
Zirconium	90-1	42666	42187	42237	42363	0.62	cps
Zirconium	91-1	8913	9333	9493	9246	3.24	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:24:33	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1298505	1316460	1296716	1303894	0.84	cps
Antimony	121-1	432334	450780	441502	441539	2.09	cps
Arsenic	75-2	11498	11455	11761	11571	1.44	cps
Barium	135-1	2617787	2707756	2658119	2661221	1.69	cps
Barium	137-1	4525935	4666684	4520039	4570886	1.82	cps
Beryllium	9-1	38591	39644	38444	38893	1.68	cps
Bismuth	209-1	4213930	3479350	4418034	4037105	12.23	cps
Bismuth	209-2	3022485	3043255	3034306	3033349	0.34	cps
Bromine	81-1	7432	7745	7512	7563	2.15	cps
Bromine	81-2	143	147	83	124	28.64	cps
Cadmium	108-1	3644	3731	3801	3725	2.11	cps
Cadmium	106-1	7219	6795	7225	7080	3.48	cps
Cadmium	111-1	55897	57822	56963	56894	1.69	cps
Calcium	43-1	57719	60744	58877	59113	2.58	cps
Calcium	44-1	944746	981343	964912	963667	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	325846	326024	328788	326886	0.50	cps
Cobalt	59-2	1185660	1181452	1182378	1183163	0.19	cps
Copper	63-2	449484	449180	446366	448343	0.38	cps
Dysprosium	156-1	14774	15272	15222	15089	1.81	cps
Dysprosium	156-2	11288	11064	11428	11260	1.63	cps
Erbium	164-1	12646	13063	12829	12846	1.63	cps
Erbium	164-2	8263	7819	7999	8027	2.78	cps
Gadolinium	160-1	14297	14361	14291	14316	0.27	cps
Gadolinium	160-2	9687	9760	9854	9767	0.86	cps
Holmium	165-1	6705067	5485226	7019340	6403211	12.66	cps
Holmium	165-2	4143457	4146431	4158651	4149513	0.19	cps
Indium	115-1	4786236	3926552	4973831	4562206	12.24	cps
Indium	115-2	1410964	1403951	1401511	1405475	0.35	cps
Iron	56-2	31587287	31646617	31659281	31631062	0.12	cps
Iron	57-2	819979	822324	817658	819987	0.28	cps
Iron	54-2	1751782	1746838	1730795	1743138	0.63	cps
Krypton	83-1	87	113	103	101	13.32	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:24:33	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	124558	129637	128282	127492	2.06	cps
Lead	207-1	110841	115647	113654	113380	2.13	cps
Lead	208-1	502558	522501	513539	512866	1.95	cps
Lithium	6-1	926880	843756	968633	913090	6.96	cps
Magnesium	24-2	752706	752900	756445	754017	0.28	cps
Manganese	55-2	1224972	1227568	1224037	1225526	0.15	cps
Molybdenum	94-1	15185	15759	15935	15626	2.51	cps
Molybdenum	95-1	677	610	497	594	15.31	cps
Molybdenum	96-1	3557	3807	3704	3689	3.41	cps
Molybdenum	97-1	380	350	407	379	7.48	cps
Molybdenum	98-1	953	953	997	968	2.59	cps
Neodymium	150-1	25453	25420	25697	25523	0.59	cps
Neodymium	150-2	13243	13583	13650	13492	1.62	cps
Nickel	60-2	297268	298161	297589	297673	0.15	cps
Phosphorus	31-2	3574	3557	3657	3596	1.49	cps
Potassium	39-2	588133	591113	592562	590603	0.38	cps
Rhodium	103-1	4267716	3484665	4373214	4041865	12.01	cps
Rhodium	103-2	2258463	2283587	2265561	2269204	0.57	cps
Scandium	45-1	2380194	1961007	2451455	2264219	11.70	cps
Scandium	45-2	195020	192887	193171	193693	0.60	cps
Selenium	82-1	7203	7413	7296	7304	1.44	cps
Selenium	77-2	653	730	590	658	10.66	cps
Selenium	78-2	2327	2320	2370	2339	1.16	cps
Silicon	28-1	6971316	7149605	7110209	7077043	1.32	cps
Silver	107-1	264336	272184	266925	267815	1.49	cps
Silver	109-1	251482	260427	257774	256561	1.79	cps
Sodium	23-2	52519	52670	53238	52809	0.72	cps
Strontium	86-1	29283	29707	29293	29427	0.82	cps
Strontium	88-1	255238	266289	258575	260034	2.18	cps
Sulfur	34-1	96210	95321	94765	95432	0.76	cps
Terbium	159-1	6814568	5596992	6952804	6454788	11.56	cps
Terbium	159-2	4141117	4064901	4063775	4089931	1.08	cps
Thallium	203-1	213247	220906	217350	217168	1.77	cps
Thallium	205-1	508628	525052	518608	517429	1.60	cps
Tin	118-1	2684	2757	3271	2904	11.02	cps
Titanium	47-1	212656	220263	217396	216772	1.77	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-08 15:24:33	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4921	5051	5158	5043	2.35	cps
Vanadium	51-2	716906	716520	715924	716450	0.07	cps
Yttrium	89-1	7852608	6428612	8067110	7449443	11.95	cps
Yttrium	89-2	1824048	1833222	1787558	1814943	1.33	cps
Zinc	66-2	157127	158170	156961	157419	0.42	cps
Zirconium	90-1	40272	42512	42037	41607	2.84	cps
Zirconium	91-1	8869	9360	9440	9223	3.35	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:27:56	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5364729	5356109	5390890	5370576	0.34	cps
Antimony	121-1	2956111	2961466	2979755	2965777	0.42	cps
Arsenic	75-2	117816	117698	117040	117518	0.36	cps
Barium	135-1	4083533	3989399	4082611	4051848	1.33	cps
Barium	137-1	6892092	7023039	6995107	6970079	0.99	cps
Beryllium	9-1	477049	480151	485642	480947	0.90	cps
Bismuth	209-1	3696003	3772237	3749115	3739119	1.05	cps
Bismuth	209-2	2722688	2801087	2758006	2760594	1.42	cps
Bromine	81-1	6618	6695	6942	6752	2.50	cps
Bromine	81-2	80	63	77	73	12.03	cps
Cadmium	108-1	49484	51053	50829	50455	1.68	cps
Cadmium	106-1	74108	73920	73950	73993	0.14	cps
Cadmium	111-1	677433	681203	684516	681051	0.52	cps
Calcium	43-1	3438286	3473569	3526007	3479287	1.27	cps
Calcium	44-1	55251761	55493241	56390149	55711717	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	941107	944618	940606	942110	0.23	cps
Cobalt	59-2	1380682	1379660	1376013	1378785	0.18	cps
Copper	63-2	9158594	9101217	9140352	9133388	0.32	cps
Dysprosium	156-1	237	247	290	258	11.00	cps
Dysprosium	156-2	317	287	250	284	11.74	cps
Erbium	164-1	187	147	170	168	11.98	cps
Erbium	164-2	167	107	127	133	22.91	cps
Gadolinium	160-1	193	153	150	166	14.57	cps
Gadolinium	160-2	300	297	317	304	3.52	cps
Holmium	165-1	6201785	6220619	6296490	6239631	0.80	cps
Holmium	165-2	4037219	4109258	4111679	4086052	1.04	cps
Indium	115-1	4211225	4134359	4200267	4181951	0.99	cps
Indium	115-2	1270456	1281449	1288941	1280282	0.73	cps
Iron	56-2	207267704	209366830	208315517	208316684	0.50	cps
Iron	57-2	5206353	5201016	5227054	5211474	0.26	cps
Iron	54-2	11393959	11361251	11291712	11348974	0.46	cps
Krypton	83-1	103	120	127	117	10.30	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:27:56	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12896200	12778114	13037514	12903943	1.01	cps
Lead	207-1	11537041	11344664	11513849	11465185	0.92	cps
Lead	208-1	51831483	51368008	52284142	51827878	0.88	cps
Lithium	6-1	899269	899834	904904	901335	0.34	cps
Magnesium	24-2	47767873	47865873	48391784	48008510	0.70	cps
Manganese	55-2	7104330	7271327	7105243	7160300	1.34	cps
Molybdenum	94-1	10388789	10406158	10410582	10401843	0.11	cps
Molybdenum	95-1	14953990	15117939	15176206	15082712	0.76	cps
Molybdenum	96-1	16438834	16449354	16527950	16472046	0.30	cps
Molybdenum	97-1	9445549	9445582	9537407	9476179	0.56	cps
Molybdenum	98-1	24360874	24538328	24664311	24521171	0.62	cps
Neodymium	150-1	460	357	427	414	12.72	cps
Neodymium	150-2	103	143	97	114	22.06	cps
Nickel	60-2	340254	338082	339031	339122	0.32	cps
Phosphorus	31-2	54276	55055	55276	54869	0.96	cps
Potassium	39-2	27103866	27270702	27081528	27152032	0.38	cps
Rhodium	103-1	3562214	3506351	3560372	3542979	0.90	cps
Rhodium	103-2	1974474	1991047	1998885	1988135	0.63	cps
Scandium	45-1	2092444	2116422	2124326	2111064	0.79	cps
Scandium	45-2	179458	181321	180514	180431	0.52	cps
Selenium	82-1	37885	38316	38661	38287	1.02	cps
Selenium	77-2	3410	3510	3417	3446	1.62	cps
Selenium	78-2	12095	11364	11638	11699	3.15	cps
Silicon	28-1	13233930	13399660	13419418	13351002	0.76	cps
Silver	107-1	3332659	3283169	3302921	3306250	0.75	cps
Silver	109-1	3181646	3152633	3187800	3174026	0.59	cps
Sodium	23-2	74544049	74876009	74948282	74789447	0.29	cps
Strontium	86-1	21709281	21863562	22019938	21864261	0.71	cps
Strontium	88-1	191166970	192895570	194266504	192776348	0.81	cps
Sulfur	34-1	316750	316011	319187	317316	0.52	cps
Terbium	159-1	6338927	6331492	6333632	6334684	0.06	cps
Terbium	159-2	3923961	3967092	3984348	3958467	0.79	cps
Thallium	203-1	3207950	3228335	3238809	3225031	0.49	cps
Thallium	205-1	7739268	7704483	7801400	7748384	0.63	cps
Tin	118-1	2441435	2426480	2471327	2446414	0.93	cps
Titanium	47-1	3427296	3423938	3457700	3436311	0.54	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV056	Instrumnet Name :	P7
Client Sample ID :	CCV056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:27:56	DataFile Name :	046CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11205559	11373547	11334032	11304380	0.78	cps
Vanadium	51-2	849452	847492	847494	848146	0.13	cps
Yttrium	89-1	7018793	6997698	6959047	6991846	0.43	cps
Yttrium	89-2	1639635	1671473	1693524	1668211	1.62	cps
Zinc	66-2	1617686	1598195	1617180	1611021	0.69	cps
Zirconium	90-1	4818439	4822393	4768523	4803118	0.63	cps
Zirconium	91-1	1067909	1072667	1077024	1072533	0.43	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:30:51	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	163	240	192	21.68	cps
Antimony	121-1	2050	2003	2140	2065	3.37	cps
Arsenic	75-2	7	10	3	7	50.03	cps
Barium	135-1	273	197	193	221	20.47	cps
Barium	137-1	490	267	307	354	33.60	cps
Beryllium	9-1	177	173	173	174	1.10	cps
Bismuth	209-1	3924165	4127919	4094220	4048768	2.70	cps
Bismuth	209-2	3089417	3039197	3032225	3053613	1.02	cps
Bromine	81-1	6855	7042	6892	6929	1.43	cps
Bromine	81-2	50	47	30	42	25.38	cps
Cadmium	108-1	10	7	7	8	24.71	cps
Cadmium	106-1	1830	1973	1853	1886	4.08	cps
Cadmium	111-1	1371	1433	1326	1377	3.92	cps
Calcium	43-1	347	323	353	341	4.62	cps
Calcium	44-1	5871	5084	4971	5309	9.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	387	300	367	351	12.92	cps
Cobalt	59-2	90	113	97	100	12.02	cps
Copper	63-2	1120	1053	1000	1058	5.68	cps
Dysprosium	156-1	27	53	47	42	32.86	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	17	13	30	20	44.10	cps
Erbium	164-2	23	27	13	21	32.88	cps
Gadolinium	160-1	20	13	13	16	24.76	cps
Gadolinium	160-2	203	170	190	188	8.94	cps
Holmium	165-1	6124427	6349618	6317516	6263854	1.94	cps
Holmium	165-2	4146107	4085944	4054128	4095393	1.14	cps
Indium	115-1	4360633	4526700	4557537	4481623	2.36	cps
Indium	115-2	1376163	1372837	1360218	1369739	0.61	cps
Iron	56-2	11725	11548	11391	11555	1.44	cps
Iron	57-2	630	737	650	672	8.43	cps
Iron	54-2	1320	1197	1360	1292	6.59	cps
Krypton	83-1	103	73	93	90	16.97	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:30:51	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1473	1147	1033	1218	18.76	cps
Lead	207-1	1237	977	833	1016	20.13	cps
Lead	208-1	5530	4390	3994	4638	17.20	cps
Lithium	6-1	922450	953558	972363	949457	2.65	cps
Magnesium	24-2	1827	1840	1683	1783	4.87	cps
Manganese	55-2	397	453	387	412	8.72	cps
Molybdenum	94-1	1083	883	870	946	12.64	cps
Molybdenum	95-1	1077	877	977	977	10.24	cps
Molybdenum	96-1	1250	1130	1107	1162	6.62	cps
Molybdenum	97-1	650	673	583	636	7.35	cps
Molybdenum	98-1	1930	1727	1377	1678	16.68	cps
Neodymium	150-1	7	3	7	6	34.70	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	73	40	53	33.07	cps
Phosphorus	31-2	113	100	90	101	11.58	cps
Potassium	39-2	30584	31326	30591	30833	1.38	cps
Rhodium	103-1	3818178	3976311	3980803	3925097	2.36	cps
Rhodium	103-2	2206793	2267877	2199682	2224784	1.69	cps
Scandium	45-1	2079678	2179025	2206238	2154980	3.09	cps
Scandium	45-2	182889	180760	179911	181187	0.85	cps
Selenium	82-1	129	153	159	147	10.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	77	130	107	104	25.60	cps
Silicon	28-1	131487	132846	131867	132067	0.53	cps
Silver	107-1	650	480	450	527	20.48	cps
Silver	109-1	620	490	423	511	19.57	cps
Sodium	23-2	22049	20524	20450	21008	4.30	cps
Strontium	86-1	1050	880	783	904	14.93	cps
Strontium	88-1	8032	5828	4868	6243	25.99	cps
Sulfur	34-1	119405	117138	119224	118589	1.06	cps
Terbium	159-1	6260327	6423142	6527111	6403527	2.10	cps
Terbium	159-2	4049241	3974847	3885468	3969852	2.07	cps
Thallium	203-1	697	530	367	531	31.07	cps
Thallium	205-1	1267	990	1027	1095	13.73	cps
Tin	118-1	1430	1633	1823	1629	12.08	cps
Titanium	47-1	290	240	217	249	15.05	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB056	Instrumnet Name :	P7
Client Sample ID :	CCB056	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:30:51	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	510	340	323	391	26.41	cps
Vanadium	51-2	30	30	23	28	13.86	cps
Yttrium	89-1	6765199	7133869	7266453	7055174	3.68	cps
Yttrium	89-2	1716864	1703709	1711517	1710697	0.39	cps
Zinc	66-2	183	113	133	143	25.16	cps
Zirconium	90-1	1030	1050	933	1004	6.21	cps
Zirconium	91-1	253	237	170	220	20.04	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:34:14	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4582961	4554676	4577772	4571803	0.33	cps
Antimony	121-1	5174	5121	4818	5038	3.82	cps
Arsenic	75-2	16406	15869	15872	16049	1.93	cps
Barium	135-1	485204	504201	500013	496473	2.01	cps
Barium	137-1	854725	868449	872123	865099	1.06	cps
Beryllium	9-1	1593	1557	1597	1582	1.40	cps
Bismuth	209-1	4178612	4280092	4246480	4235062	1.22	cps
Bismuth	209-2	3044837	3020591	3025524	3030317	0.42	cps
Bromine	81-1	8576	9466	9947	9330	7.46	cps
Bromine	81-2	490	427	417	444	8.95	cps
Cadmium	108-1	247	293	267	269	8.71	cps
Cadmium	106-1	2817	2714	2620	2717	3.62	cps
Cadmium	111-1	3256	3114	3004	3125	4.04	cps
Calcium	43-1	233970	244008	241864	239948	2.20	cps
Calcium	44-1	3543689	3673420	3648524	3621878	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88031	88625	88457	88371	0.35	cps
Cobalt	59-2	97973	98366	97061	97800	0.68	cps
Copper	63-2	239573	239045	238379	238999	0.25	cps
Dysprosium	156-1	58889	61634	61393	60639	2.51	cps
Dysprosium	156-2	45523	43942	43561	44342	2.35	cps
Erbium	164-1	51361	52240	51889	51830	0.85	cps
Erbium	164-2	32421	33884	31977	32760	3.05	cps
Gadolinium	160-1	56928	58347	58689	57988	1.61	cps
Gadolinium	160-2	38262	38172	37684	38039	0.82	cps
Holmium	165-1	6636517	6738370	6821275	6732054	1.37	cps
Holmium	165-2	4263001	4198645	4190429	4217358	0.94	cps
Indium	115-1	4650155	4728346	4740587	4706363	1.04	cps
Indium	115-2	1405365	1401682	1389348	1398798	0.60	cps
Iron	56-2	120264538	121734882	120498455	120832625	0.65	cps
Iron	57-2	2970717	3041729	2970548	2994331	1.37	cps
Iron	54-2	6576732	6601986	6595474	6591397	0.20	cps
Krypton	83-1	163	193	197	184	9.95	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:34:14	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	225741	231074	230730	229182	1.30	cps
Lead	207-1	204763	205650	204162	204858	0.37	cps
Lead	208-1	915126	928655	924734	922839	0.75	cps
Lithium	6-1	942456	981732	1005966	976718	3.28	cps
Magnesium	24-2	2954563	2949956	2953469	2952663	0.08	cps
Manganese	55-2	2531557	2547994	2534962	2538171	0.34	cps
Molybdenum	94-1	61267	63654	64498	63140	2.65	cps
Molybdenum	95-1	2207	2560	2300	2356	7.77	cps
Molybdenum	96-1	13920	14651	14394	14322	2.59	cps
Molybdenum	97-1	1533	1547	1490	1523	1.94	cps
Molybdenum	98-1	3784	3667	3927	3793	3.43	cps
Neodymium	150-1	99773	101704	102371	101283	1.33	cps
Neodymium	150-2	53377	53123	52126	52875	1.25	cps
Nickel	60-2	33006	33167	33390	33188	0.58	cps
Phosphorus	31-2	14213	13820	14140	14058	1.49	cps
Potassium	39-2	2154850	2162597	2144808	2154085	0.41	cps
Rhodium	103-1	4146726	4156709	4180833	4161422	0.42	cps
Rhodium	103-2	2285289	2279306	2296209	2286935	0.37	cps
Scandium	45-1	2473289	2480842	2537557	2497229	1.41	cps
Scandium	45-2	207457	206080	203792	205777	0.90	cps
Selenium	82-1	243	210	168	207	18.26	cps
Selenium	77-2	137	157	137	143	8.06	cps
Selenium	78-2	277	200	197	224	20.16	cps
Silicon	28-1	28200128	29326054	28927242	28817808	1.98	cps
Silver	107-1	4277	4634	3894	4268	8.67	cps
Silver	109-1	4347	4197	3691	4078	8.44	cps
Sodium	23-2	159735	159877	159866	159826	0.05	cps
Strontium	86-1	116325	119839	120672	118945	1.94	cps
Strontium	88-1	1024607	1051176	1052309	1042697	1.50	cps
Sulfur	34-1	127842	127289	125261	126797	1.07	cps
Terbium	159-1	6856196	6869265	6913091	6879517	0.43	cps
Terbium	159-2	4111694	4077031	4119298	4102674	0.55	cps
Thallium	203-1	4474	3484	2970	3643	20.98	cps
Thallium	205-1	10681	8036	7049	8588	21.87	cps
Tin	118-1	8909	9030	8966	8968	0.67	cps
Titanium	47-1	868787	892289	897137	886071	1.71	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01	Instrumnet Name :	P7
Client Sample ID :	MYD438	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:34:14	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20332	20189	20259	20260	0.35	cps
Vanadium	51-2	184952	185036	185923	185303	0.29	cps
Yttrium	89-1	8299332	8321861	8437964	8353052	0.89	cps
Yttrium	89-2	1965218	1960504	1949399	1958374	0.41	cps
Zinc	66-2	93406	93738	94570	93905	0.64	cps
Zirconium	90-1	162384	166751	167918	165684	1.76	cps
Zirconium	91-1	37020	36963	37982	37322	1.53	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:37:26	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4825743	4785433	4774307	4795161	0.56	cps
Antimony	121-1	3544	3417	3744	3568	4.62	cps
Arsenic	75-2	16960	16983	17304	17082	1.12	cps
Barium	135-1	513768	524242	529519	522510	1.53	cps
Barium	137-1	887984	906986	915447	903472	1.56	cps
Beryllium	9-1	1777	1740	1650	1722	3.78	cps
Bismuth	209-1	4132264	4123357	4145605	4133742	0.27	cps
Bismuth	209-2	3004233	3022027	3008395	3011552	0.31	cps
Bromine	81-1	8536	9156	9506	9066	5.42	cps
Bromine	81-2	470	313	423	402	20.00	cps
Cadmium	108-1	257	263	277	266	3.83	cps
Cadmium	106-1	2590	2637	2620	2616	0.90	cps
Cadmium	111-1	3170	3038	3187	3132	2.60	cps
Calcium	43-1	246368	251995	254273	250879	1.62	cps
Calcium	44-1	3707824	3735624	3797653	3747034	1.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97784	96576	96569	96977	0.72	cps
Cobalt	59-2	101980	102628	102634	102414	0.37	cps
Copper	63-2	252281	254932	252963	253392	0.54	cps
Dysprosium	156-1	61360	62696	62776	62277	1.28	cps
Dysprosium	156-2	46336	47447	46380	46721	1.35	cps
Erbium	164-1	52987	53723	53910	53540	0.91	cps
Erbium	164-2	33356	33764	32635	33252	1.72	cps
Gadolinium	160-1	58742	59077	60078	59299	1.17	cps
Gadolinium	160-2	39245	39977	39596	39606	0.92	cps
Holmium	165-1	6524884	6575439	6689397	6596573	1.28	cps
Holmium	165-2	4171690	4212923	4185434	4190016	0.50	cps
Indium	115-1	4608895	4613130	4657131	4626385	0.58	cps
Indium	115-2	1389583	1392385	1385256	1389075	0.26	cps
Iron	56-2	125980761	126422191	126038085	126147013	0.19	cps
Iron	57-2	3137858	3151597	3119350	3136268	0.52	cps
Iron	54-2	6891869	6847630	6883791	6874430	0.34	cps
Krypton	83-1	180	183	197	187	4.72	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:37:26	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	245031	249939	245986	246986	1.05	cps
Lead	207-1	217037	221763	219441	219414	1.08	cps
Lead	208-1	980150	997047	992846	990014	0.89	cps
Lithium	6-1	979135	1027712	1044872	1017240	3.35	cps
Magnesium	24-2	3087842	3068387	3020460	3058896	1.13	cps
Manganese	55-2	2684254	2679394	2637234	2666961	0.97	cps
Molybdenum	94-1	62814	66292	65770	64959	2.89	cps
Molybdenum	95-1	2397	2394	2410	2400	0.37	cps
Molybdenum	96-1	14614	14811	14874	14766	0.92	cps
Molybdenum	97-1	1367	1400	1420	1396	1.93	cps
Molybdenum	98-1	3764	3624	3951	3779	4.34	cps
Neodymium	150-1	102610	105716	106125	104817	1.83	cps
Neodymium	150-2	54809	55843	55950	55534	1.13	cps
Nickel	60-2	35485	34767	35642	35298	1.32	cps
Phosphorus	31-2	14283	14460	14867	14537	2.06	cps
Potassium	39-2	2267064	2227518	2225291	2239958	1.05	cps
Rhodium	103-1	4082248	4123987	4163516	4123250	0.99	cps
Rhodium	103-2	2279166	2276737	2288574	2281492	0.27	cps
Scandium	45-1	2419279	2460242	2441155	2440225	0.84	cps
Scandium	45-2	204145	202402	203386	203311	0.43	cps
Selenium	82-1	190	225	216	210	8.57	cps
Selenium	77-2	160	127	167	151	14.18	cps
Selenium	78-2	213	207	273	231	15.89	cps
Silicon	28-1	28261880	28825821	29211839	28766513	1.66	cps
Silver	107-1	3014	3207	3204	3141	3.52	cps
Silver	109-1	2824	2857	3130	2937	5.73	cps
Sodium	23-2	157654	157270	157721	157548	0.15	cps
Strontium	86-1	120928	125741	125193	123954	2.13	cps
Strontium	88-1	1074746	1091253	1098302	1088100	1.11	cps
Sulfur	34-1	114626	112490	113924	113680	0.96	cps
Terbium	159-1	6622141	6700929	6711181	6678084	0.73	cps
Terbium	159-2	4098155	4079360	4083566	4087027	0.24	cps
Thallium	203-1	2174	2177	2214	2188	1.01	cps
Thallium	205-1	5771	5414	5124	5437	5.96	cps
Tin	118-1	8943	9400	9753	9365	4.34	cps
Titanium	47-1	879150	899315	902931	893799	1.43	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-02	Instrumnet Name :	P7
Client Sample ID :	MYD438D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:37:26	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20309	20362	21133	20602	2.24	cps
Vanadium	51-2	195100	196471	194668	195413	0.48	cps
Yttrium	89-1	8104963	8168459	8224310	8165911	0.73	cps
Yttrium	89-2	1915040	1952970	1923812	1930607	1.03	cps
Zinc	66-2	92175	93329	92910	92805	0.63	cps
Zirconium	90-1	167951	172503	173579	171344	1.74	cps
Zirconium	91-1	37658	38500	38433	38197	1.23	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 15:40:40	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	847774	851917	843507	847733	0.50	cps
Antimony	121-1	707	703	720	710	1.24	cps
Arsenic	75-2	2830	2987	2807	2875	3.41	cps
Barium	135-1	90304	91380	91307	90997	0.66	cps
Barium	137-1	158125	158398	158758	158427	0.20	cps
Beryllium	9-1	360	353	440	384	12.54	cps
Bismuth	209-1	4025894	4031472	4071410	4042925	0.61	cps
Bismuth	209-2	3013765	3041715	2944503	2999994	1.67	cps
Bromine	81-1	7515	7722	7489	7575	1.69	cps
Bromine	81-2	143	110	97	117	20.60	cps
Cadmium	108-1	83	40	53	59	37.69	cps
Cadmium	106-1	2127	2047	1930	2035	4.86	cps
Cadmium	111-1	1737	1675	1597	1670	4.20	cps
Calcium	43-1	43114	43442	43064	43207	0.47	cps
Calcium	44-1	696734	706988	710091	704604	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16292	16032	16389	16238	1.14	cps
Cobalt	59-2	17827	18078	17934	17946	0.70	cps
Copper	63-2	44997	44590	44667	44751	0.48	cps
Dysprosium	156-1	11074	11181	10881	11046	1.38	cps
Dysprosium	156-2	8042	8316	7982	8114	2.19	cps
Erbium	164-1	9413	9387	9723	9508	1.97	cps
Erbium	164-2	6105	5885	5861	5950	2.26	cps
Gadolinium	160-1	10274	10788	10644	10569	2.51	cps
Gadolinium	160-2	6958	7355	7439	7251	3.54	cps
Holmium	165-1	6278475	6303086	6314733	6298765	0.29	cps
Holmium	165-2	4096925	4093798	4054300	4081674	0.58	cps
Indium	115-1	4464220	4507005	4539248	4503491	0.84	cps
Indium	115-2	1381025	1391205	1370115	1380782	0.76	cps
Iron	56-2	22212281	22055383	22011742	22093135	0.48	cps
Iron	57-2	572694	570185	573497	572126	0.30	cps
Iron	54-2	1255813	1244886	1246967	1249222	0.46	cps
Krypton	83-1	107	93	87	96	10.66	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 15:40:40	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42092	43021	42423	42512	1.11	cps
Lead	207-1	37635	38294	37806	37912	0.90	cps
Lead	208-1	167629	170663	170734	169675	1.04	cps
Lithium	6-1	970217	981876	993500	981864	1.19	cps
Magnesium	24-2	546408	548904	548346	547886	0.24	cps
Manganese	55-2	467934	464808	464233	465658	0.43	cps
Molybdenum	94-1	11751	11595	11615	11654	0.73	cps
Molybdenum	95-1	463	440	490	464	5.39	cps
Molybdenum	96-1	2724	2687	2687	2699	0.78	cps
Molybdenum	97-1	330	240	363	311	20.51	cps
Molybdenum	98-1	777	747	777	767	2.26	cps
Neodymium	150-1	18773	18959	19083	18938	0.83	cps
Neodymium	150-2	9357	9850	10217	9808	4.40	cps
Nickel	60-2	6045	6191	5975	6070	1.82	cps
Phosphorus	31-2	2524	2667	2630	2607	2.86	cps
Potassium	39-2	436661	440072	437478	438070	0.41	cps
Rhodium	103-1	4007927	4078300	4065755	4050661	0.93	cps
Rhodium	103-2	2233911	2264176	2240650	2246246	0.71	cps
Scandium	45-1	2248981	2248182	2273085	2256749	0.63	cps
Scandium	45-2	188746	190026	187133	188635	0.77	cps
Selenium	82-1	159	181	164	168	6.85	cps
Selenium	77-2	20	17	23	20	16.65	cps
Selenium	78-2	130	110	127	122	8.77	cps
Silicon	28-1	5228677	5326054	5322521	5292417	1.04	cps
Silver	107-1	570	483	680	578	17.06	cps
Silver	109-1	457	617	560	544	14.90	cps
Sodium	23-2	52429	52803	52556	52596	0.36	cps
Strontium	86-1	21810	21419	21913	21714	1.20	cps
Strontium	88-1	188913	190902	192739	190851	1.00	cps
Sulfur	34-1	97351	95818	96516	96561	0.79	cps
Terbium	159-1	6486177	6546338	6528143	6520219	0.47	cps
Terbium	159-2	4056001	4043495	3987803	4029100	0.90	cps
Thallium	203-1	460	383	450	431	9.67	cps
Thallium	205-1	990	1033	987	1003	2.59	cps
Tin	118-1	2937	2584	2744	2755	6.42	cps
Titanium	47-1	159456	161497	163293	161416	1.19	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD438L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 15:40:40	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3697	3901	3877	3825	2.91	cps
Vanadium	51-2	33273	33604	33557	33478	0.53	cps
Yttrium	89-1	7330944	7447829	7540327	7439700	1.41	cps
Yttrium	89-2	1770116	1793756	1762230	1775367	0.92	cps
Zinc	66-2	16850	17243	17624	17239	2.25	cps
Zirconium	90-1	30234	30194	30211	30213	0.07	cps
Zirconium	91-1	6835	6752	6935	6841	1.34	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:44:00	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4746527	4790159	4738233	4758306	0.59	cps
Antimony	121-1	366128	375486	377128	372914	1.59	cps
Arsenic	75-2	22644	22778	22397	22606	0.85	cps
Barium	135-1	2591587	2643214	2618800	2617867	0.99	cps
Barium	137-1	4410816	4542186	4565273	4506092	1.85	cps
Beryllium	9-1	32170	32741	32330	32414	0.91	cps
Bismuth	209-1	4038256	4127748	4042897	4069634	1.24	cps
Bismuth	209-2	2997719	2897655	2993827	2963067	1.91	cps
Bromine	81-1	7829	8759	8966	8518	7.11	cps
Bromine	81-2	397	427	460	428	7.41	cps
Cadmium	108-1	3210	3297	3274	3260	1.38	cps
Cadmium	106-1	6388	6892	6845	6708	4.15	cps
Cadmium	111-1	47712	49706	50262	49227	2.72	cps
Calcium	43-1	236102	244427	242598	241042	1.82	cps
Calcium	44-1	3561681	3656778	3682700	3633720	1.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	338120	337490	334952	336854	0.50	cps
Cobalt	59-2	1029719	1023859	1030859	1028146	0.37	cps
Copper	63-2	554409	556973	554672	555352	0.25	cps
Dysprosium	156-1	61782	63044	64011	62946	1.78	cps
Dysprosium	156-2	47079	46513	46232	46608	0.92	cps
Erbium	164-1	51424	53669	55121	53405	3.49	cps
Erbium	164-2	33888	34225	33764	33959	0.70	cps
Gadolinium	160-1	59090	60727	61219	60346	1.85	cps
Gadolinium	160-2	40652	39636	39726	40005	1.41	cps
Holmium	165-1	6383017	6526580	6506640	6472079	1.20	cps
Holmium	165-2	4148890	4057903	4100547	4102447	1.11	cps
Indium	115-1	4479038	4499827	4527468	4502111	0.54	cps
Indium	115-2	1359130	1344365	1351554	1351683	0.55	cps
Iron	56-2	125143741	124035778	124083895	124421138	0.50	cps
Iron	57-2	3121834	3094616	3062338	3092929	0.96	cps
Iron	54-2	6796499	6826758	6783020	6802092	0.33	cps
Krypton	83-1	183	110	123	139	28.13	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:44:00	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	290988	299120	303690	297933	2.16	cps
Lead	207-1	261306	268360	267986	265884	1.49	cps
Lead	208-1	1173361	1205965	1215204	1198177	1.83	cps
Lithium	6-1	961121	994565	1026865	994184	3.31	cps
Magnesium	24-2	2958610	2993094	2963255	2971653	0.63	cps
Manganese	55-2	3061629	3080496	3062589	3068238	0.35	cps
Molybdenum	94-1	62817	64203	65308	64109	1.95	cps
Molybdenum	95-1	2170	2314	2280	2255	3.33	cps
Molybdenum	96-1	14244	14924	14768	14645	2.43	cps
Molybdenum	97-1	1400	1277	1423	1367	5.77	cps
Molybdenum	98-1	3610	3711	3937	3753	4.46	cps
Neodymium	150-1	104268	104188	106518	104992	1.26	cps
Neodymium	150-2	56168	55191	55699	55686	0.88	cps
Nickel	60-2	267384	266127	266855	266789	0.24	cps
Phosphorus	31-2	14681	14250	14660	14530	1.67	cps
Potassium	39-2	2184989	2143661	2173921	2167524	0.99	cps
Rhodium	103-1	3971083	3975241	3992733	3979686	0.29	cps
Rhodium	103-2	2203266	2224285	2200810	2209454	0.58	cps
Scandium	45-1	2331733	2385113	2418382	2378409	1.84	cps
Scandium	45-2	196492	195824	197438	196585	0.41	cps
Selenium	82-1	3187	3371	3315	3291	2.86	cps
Selenium	77-2	393	447	390	410	7.76	cps
Selenium	78-2	1253	1077	1093	1141	8.55	cps
Silicon	28-1	28452020	29129781	29283151	28954984	1.53	cps
Silver	107-1	213077	220364	219490	217644	1.83	cps
Silver	109-1	206404	210614	209569	208863	1.05	cps
Sodium	23-2	147186	146957	148532	147558	0.58	cps
Strontium	86-1	119920	122289	123109	121773	1.36	cps
Strontium	88-1	1044053	1083298	1076956	1068102	1.97	cps
Sulfur	34-1	103910	105602	105736	105083	0.97	cps
Terbium	159-1	6487416	6518529	6688011	6564652	1.64	cps
Terbium	159-2	4085425	4005284	3989005	4026571	1.28	cps
Thallium	203-1	181580	184220	185560	183787	1.10	cps
Thallium	205-1	431121	443621	443073	439271	1.61	cps
Tin	118-1	8106	8763	8543	8470	3.95	cps
Titanium	47-1	873589	898181	894109	888626	1.48	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-03	Instrumnet Name :	P7
Client Sample ID :	MYD438S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:44:00	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20482	21521	20833	20945	2.52	cps
Vanadium	51-2	732384	731994	727723	730700	0.35	cps
Yttrium	89-1	7816206	8048037	7988599	7950947	1.51	cps
Yttrium	89-2	1883132	1865873	1890506	1879837	0.67	cps
Zinc	66-2	198771	198791	197859	198474	0.27	cps
Zirconium	90-1	165470	169532	171697	168900	1.87	cps
Zirconium	91-1	36796	38113	37354	37421	1.77	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:47:12	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4962331	4948958	4894799	4935363	0.72	cps
Antimony	121-1	1798561	1843536	1828418	1823505	1.26	cps
Arsenic	75-2	44229	44259	44259	44249	0.04	cps
Barium	135-1	10375578	10510210	10434446	10440078	0.65	cps
Barium	137-1	18092521	18236586	18327937	18219014	0.65	cps
Beryllium	9-1	145163	148864	148349	147459	1.36	cps
Bismuth	209-1	3976528	4040733	4027372	4014878	0.84	cps
Bismuth	209-2	2922879	2904273	2928873	2918675	0.44	cps
Bromine	81-1	8372	8396	8549	8439	1.14	cps
Bromine	81-2	420	360	327	369	12.82	cps
Cadmium	108-1	14461	14541	14604	14535	0.49	cps
Cadmium	106-1	21139	22230	21877	21749	2.56	cps
Cadmium	111-1	215643	219246	223435	219441	1.78	cps
Calcium	43-1	227032	229245	229008	228428	0.53	cps
Calcium	44-1	3405218	3471786	3457845	3444950	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1255365	1249384	1244794	1249848	0.42	cps
Cobalt	59-2	4611053	4563890	4545262	4573402	0.74	cps
Copper	63-2	1765934	1769406	1762259	1765866	0.20	cps
Dysprosium	156-1	59545	60891	61584	60674	1.71	cps
Dysprosium	156-2	44316	45363	44985	44888	1.18	cps
Erbium	164-1	51437	52010	52093	51847	0.69	cps
Erbium	164-2	32705	32468	31960	32378	1.18	cps
Gadolinium	160-1	57434	58615	58525	58191	1.13	cps
Gadolinium	160-2	38593	38038	37380	38004	1.60	cps
Holmium	165-1	6315496	6411516	6471069	6399360	1.23	cps
Holmium	165-2	4075727	4078586	4076108	4076807	0.04	cps
Indium	115-1	4442596	4467431	4459096	4456374	0.28	cps
Indium	115-2	1322055	1335233	1324457	1327248	0.53	cps
Iron	56-2	121083482	120856688	120746725	120895632	0.14	cps
Iron	57-2	3007703	2991004	3017179	3005295	0.44	cps
Iron	54-2	6671722	6634298	6613000	6639673	0.45	cps
Krypton	83-1	177	130	223	177	26.42	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:47:12	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	497600	511579	515624	508268	1.86	cps
Lead	207-1	446053	457731	456842	453542	1.43	cps
Lead	208-1	2011887	2063098	2076430	2050472	1.66	cps
Lithium	6-1	976730	998357	1012278	995788	1.80	cps
Magnesium	24-2	2801361	2768620	2820294	2796758	0.93	cps
Manganese	55-2	4666021	4609778	4602070	4625957	0.75	cps
Molybdenum	94-1	61023	61853	63356	62077	1.91	cps
Molybdenum	95-1	2090	2237	2184	2170	3.42	cps
Molybdenum	96-1	14060	14040	14541	14214	1.99	cps
Molybdenum	97-1	1373	1507	1420	1433	4.72	cps
Molybdenum	98-1	3664	3584	3694	3647	1.56	cps
Neodymium	150-1	101421	102485	102979	102295	0.78	cps
Neodymium	150-2	53424	53086	53273	53261	0.32	cps
Nickel	60-2	1140959	1134937	1133847	1136581	0.34	cps
Phosphorus	31-2	13593	13456	13019	13356	2.24	cps
Potassium	39-2	2055553	2070885	2045862	2057433	0.61	cps
Rhodium	103-1	3871409	3867146	3898867	3879141	0.44	cps
Rhodium	103-2	2182401	2181124	2171591	2178372	0.27	cps
Scandium	45-1	2265111	2324166	2329253	2306176	1.55	cps
Scandium	45-2	188158	189630	190208	189332	0.56	cps
Selenium	82-1	27860	28349	28302	28170	0.96	cps
Selenium	77-2	2494	2690	2664	2616	4.08	cps
Selenium	78-2	8809	8432	8402	8548	2.65	cps
Silicon	28-1	27248913	27226807	27337145	27270955	0.21	cps
Silver	107-1	1035691	1045918	1051951	1044520	0.79	cps
Silver	109-1	983368	1008817	1004118	998768	1.36	cps
Sodium	23-2	137295	138506	138234	138012	0.46	cps
Strontium	86-1	114622	117420	116963	116335	1.29	cps
Strontium	88-1	1010707	1028466	1030903	1023359	1.08	cps
Sulfur	34-1	102507	101323	101779	101870	0.59	cps
Terbium	159-1	6487604	6595440	6552873	6545305	0.83	cps
Terbium	159-2	4058292	3942100	3998562	3999651	1.45	cps
Thallium	203-1	857139	870517	875874	867843	1.11	cps
Thallium	205-1	2327414	2361110	2394521	2361015	1.42	cps
Tin	118-1	7539	8286	8262	8029	5.29	cps
Titanium	47-1	832755	843044	850605	842135	1.06	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD438SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:47:12	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19668	20289	19952	19969	1.56	cps
Vanadium	51-2	2739016	2733697	2712041	2728251	0.52	cps
Yttrium	89-1	7846022	7869611	7861851	7859161	0.15	cps
Yttrium	89-2	1846781	1858038	1843644	1849488	0.41	cps
Zinc	66-2	604768	598042	597881	600230	0.65	cps
Zirconium	90-1	159334	163198	162413	161648	1.26	cps
Zirconium	91-1	34918	36118	36338	35791	2.14	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-11	Instrumnet Name :	P7
Client Sample ID :	MYD4L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:50:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5296244	5374071	5284315	5318210	0.92	cps
Antimony	121-1	3350	2880	3037	3089	7.75	cps
Arsenic	75-2	11441	11034	10941	11139	2.39	cps
Barium	135-1	458489	469190	473217	466965	1.63	cps
Barium	137-1	796614	817844	816713	810390	1.47	cps
Beryllium	9-1	1577	1523	1463	1521	3.73	cps
Bismuth	209-1	3992491	3990555	3777420	3920155	3.15	cps
Bismuth	209-2	2960132	2912244	2973057	2948478	1.09	cps
Bromine	81-1	7105	7335	6965	7135	2.62	cps
Bromine	81-2	183	157	183	174	8.83	cps
Cadmium	108-1	103	120	127	117	10.30	cps
Cadmium	106-1	2370	2397	2260	2342	3.09	cps
Cadmium	111-1	2164	2201	2074	2146	3.04	cps
Calcium	43-1	469752	478926	482246	476974	1.36	cps
Calcium	44-1	7100332	7242463	7213569	7185454	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66492	65699	66171	66121	0.60	cps
Cobalt	59-2	123211	123073	123993	123425	0.40	cps
Copper	63-2	172029	170849	171254	171377	0.35	cps
Dysprosium	156-1	66493	67521	67501	67172	0.88	cps
Dysprosium	156-2	48169	49540	49336	49015	1.51	cps
Erbium	164-1	58666	60889	61953	60503	2.77	cps
Erbium	164-2	37256	37838	36798	37297	1.40	cps
Gadolinium	160-1	64605	67361	66825	66263	2.21	cps
Gadolinium	160-2	44039	43671	44036	43915	0.48	cps
Holmium	165-1	6447507	6450862	6246507	6381625	1.83	cps
Holmium	165-2	4136042	4124490	4147461	4135997	0.28	cps
Indium	115-1	4409474	4455748	4234814	4366679	2.67	cps
Indium	115-2	1350143	1341948	1349957	1347349	0.35	cps
Iron	56-2	171524671	170538577	171337557	171133602	0.31	cps
Iron	57-2	4257485	4249051	4260261	4255599	0.14	cps
Iron	54-2	9290320	9390528	9336324	9339058	0.54	cps
Krypton	83-1	160	207	163	177	14.74	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-11	Instrumnet Name :	P7
Client Sample ID :	MYD4L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:50:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118085	121160	120351	119865	1.33	cps
Lead	207-1	101411	101465	103853	102243	1.36	cps
Lead	208-1	464054	470881	474077	469671	1.09	cps
Lithium	6-1	949448	1006018	957312	970926	3.16	cps
Magnesium	24-2	4518777	4484111	4506142	4503010	0.39	cps
Manganese	55-2	3527409	3557497	3546183	3543696	0.43	cps
Molybdenum	94-1	33963	34571	34744	34426	1.19	cps
Molybdenum	95-1	1560	1887	1717	1721	9.49	cps
Molybdenum	96-1	9683	9436	9933	9684	2.57	cps
Molybdenum	97-1	960	1043	1030	1011	4.43	cps
Molybdenum	98-1	2450	2544	2607	2534	3.11	cps
Neodymium	150-1	106166	108134	108141	107480	1.06	cps
Neodymium	150-2	56897	57179	56783	56953	0.36	cps
Nickel	60-2	33190	32939	33093	33074	0.38	cps
Phosphorus	31-2	24997	24473	24426	24632	1.29	cps
Potassium	39-2	1259356	1267794	1256284	1261145	0.47	cps
Rhodium	103-1	3896937	3879884	3668993	3815271	3.33	cps
Rhodium	103-2	2183388	2157349	2187193	2175976	0.75	cps
Scandium	45-1	2285137	2319737	2200254	2268376	2.71	cps
Scandium	45-2	196918	195010	196669	196199	0.53	cps
Selenium	82-1	210	187	203	200	5.94	cps
Selenium	77-2	107	103	127	112	11.25	cps
Selenium	78-2	217	240	200	219	9.18	cps
Silicon	28-1	29170750	29675100	29839322	29561724	1.18	cps
Silver	107-1	1703	1527	1500	1577	7.01	cps
Silver	109-1	1507	1323	1343	1391	7.23	cps
Sodium	23-2	136939	137857	139431	138075	0.91	cps
Strontium	86-1	141418	146318	146928	144888	2.08	cps
Strontium	88-1	1255187	1287226	1294621	1279011	1.64	cps
Sulfur	34-1	99948	101880	99599	100475	1.22	cps
Terbium	159-1	6483416	6524782	6267612	6425270	2.15	cps
Terbium	159-2	3990281	4019498	4005848	4005209	0.36	cps
Thallium	203-1	1680	1550	1443	1558	7.61	cps
Thallium	205-1	3991	3947	3894	3944	1.23	cps
Tin	118-1	5334	5341	5194	5290	1.57	cps
Titanium	47-1	559282	575357	572923	569187	1.52	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-11	Instrumnet Name :	P7
Client Sample ID :	MYD4L0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:50:15	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15229	15366	15719	15438	1.64	cps
Vanadium	51-2	268617	269444	267861	268640	0.29	cps
Yttrium	89-1	7895417	7865780	7528720	7763306	2.62	cps
Yttrium	89-2	1892297	1876981	1918477	1895918	1.11	cps
Zinc	66-2	74200	75121	74297	74539	0.68	cps
Zirconium	90-1	87351	89668	90352	89124	1.76	cps
Zirconium	91-1	19346	20074	19763	19728	1.85	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-12	Instrumnet Name :	P7
Client Sample ID :	MYD4L2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:53:31	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5361243	5278541	5257896	5299227	1.03	cps
Antimony	121-1	2344	2480	2457	2427	3.01	cps
Arsenic	75-2	17460	18141	17644	17748	1.98	cps
Barium	135-1	426158	432668	433855	430894	0.96	cps
Barium	137-1	740341	752884	759153	750793	1.28	cps
Beryllium	9-1	1627	1550	1473	1550	4.95	cps
Bismuth	209-1	4052138	3927911	4049911	4009987	1.77	cps
Bismuth	209-2	2938800	2905771	2918425	2920999	0.57	cps
Bromine	81-1	7375	7365	7058	7266	2.48	cps
Bromine	81-2	187	177	193	186	4.52	cps
Cadmium	108-1	210	213	187	203	7.15	cps
Cadmium	106-1	2467	2374	2274	2371	4.08	cps
Cadmium	111-1	2600	2579	2544	2574	1.09	cps
Calcium	43-1	568791	580985	582944	577573	1.33	cps
Calcium	44-1	8618698	8722480	8786170	8709116	0.97	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94561	93554	93112	93742	0.79	cps
Cobalt	59-2	131086	130548	130050	130561	0.40	cps
Copper	63-2	247107	245477	247435	246673	0.43	cps
Dysprosium	156-1	77630	79262	79580	78824	1.33	cps
Dysprosium	156-2	55446	55720	55278	55481	0.40	cps
Erbium	164-1	69468	70754	70922	70382	1.13	cps
Erbium	164-2	43414	42765	43615	43265	1.03	cps
Gadolinium	160-1	77281	80184	79819	79095	2.00	cps
Gadolinium	160-2	52200	52448	51655	52101	0.78	cps
Holmium	165-1	6423221	6435954	6536169	6465115	0.96	cps
Holmium	165-2	4091663	4122545	4084305	4099504	0.49	cps
Indium	115-1	4472625	4458159	4520111	4483632	0.72	cps
Indium	115-2	1333998	1341621	1328380	1334666	0.50	cps
Iron	56-2	211137170	209571184	208402604	209703652	0.65	cps
Iron	57-2	5163893	5167497	5185315	5172235	0.22	cps
Iron	54-2	11524151	11509867	11328969	11454329	0.95	cps
Krypton	83-1	207	173	223	201	12.66	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-12	Instrumnet Name :	P7
Client Sample ID :	MYD4L2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:53:31	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	173452	178280	180811	177514	2.11	cps
Lead	207-1	154477	158323	159639	157480	1.70	cps
Lead	208-1	697321	710432	719596	709116	1.58	cps
Lithium	6-1	982184	990970	1021050	998068	2.04	cps
Magnesium	24-2	4270086	4237553	4227403	4245014	0.53	cps
Manganese	55-2	3232758	3237463	3217978	3229400	0.31	cps
Molybdenum	94-1	37414	38156	38414	37995	1.37	cps
Molybdenum	95-1	2094	2087	2207	2129	3.17	cps
Molybdenum	96-1	11078	10998	11071	11049	0.40	cps
Molybdenum	97-1	1270	1430	1333	1345	5.99	cps
Molybdenum	98-1	3017	3037	3274	3109	4.59	cps
Neodymium	150-1	122201	122032	124359	122864	1.06	cps
Neodymium	150-2	65039	64765	64436	64747	0.47	cps
Nickel	60-2	34045	33568	34506	34040	1.38	cps
Phosphorus	31-2	43963	44481	43966	44137	0.68	cps
Potassium	39-2	1228677	1228170	1203466	1220105	1.18	cps
Rhodium	103-1	3859005	3895850	3951713	3902189	1.20	cps
Rhodium	103-2	2179440	2161232	2149806	2163493	0.69	cps
Scandium	45-1	2357029	2387215	2398398	2380880	0.90	cps
Scandium	45-2	198994	200879	198195	199356	0.69	cps
Selenium	82-1	161	227	162	183	20.52	cps
Selenium	77-2	157	143	183	161	12.64	cps
Selenium	78-2	217	200	253	223	12.22	cps
Silicon	28-1	28733114	29250832	29448654	29144200	1.27	cps
Silver	107-1	1237	1283	1313	1278	3.02	cps
Silver	109-1	1103	1183	1363	1217	10.95	cps
Sodium	23-2	296115	292694	294725	294511	0.58	cps
Strontium	86-1	155909	160107	160668	158894	1.64	cps
Strontium	88-1	1378813	1404200	1404415	1395809	1.05	cps
Sulfur	34-1	107797	108112	107652	107854	0.22	cps
Terbium	159-1	6582183	6564758	6624375	6590439	0.47	cps
Terbium	159-2	4005040	4060939	4014034	4026671	0.75	cps
Thallium	203-1	1590	1587	1623	1600	1.27	cps
Thallium	205-1	3607	3961	3841	3803	4.73	cps
Tin	118-1	4664	4708	4441	4604	3.11	cps
Titanium	47-1	620298	635707	637872	631292	1.52	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-12	Instrumnet Name :	P7
Client Sample ID :	MYD4L2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:53:31	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13113	13393	13720	13409	2.27	cps
Vanadium	51-2	280130	278886	279485	279500	0.22	cps
Yttrium	89-1	8014780	8005863	8112967	8044537	0.74	cps
Yttrium	89-2	1892395	1890408	1890939	1891247	0.05	cps
Zinc	66-2	86193	84709	86566	85822	1.14	cps
Zirconium	90-1	96554	99762	99430	98582	1.79	cps
Zirconium	91-1	21933	22043	22300	22092	0.85	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-13	Instrumnet Name :	P7
Client Sample ID :	MYD4L3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:56:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3840385	3849523	3874798	3854902	0.46	cps
Antimony	121-1	1773	1737	1670	1727	3.03	cps
Arsenic	75-2	10994	10871	10857	10907	0.69	cps
Barium	135-1	343546	343916	347929	345130	0.70	cps
Barium	137-1	597508	599459	609945	602304	1.11	cps
Beryllium	9-1	1020	837	983	947	10.25	cps
Bismuth	209-1	3691528	4210392	4054302	3985408	6.68	cps
Bismuth	209-2	2892701	2881692	2901463	2891952	0.34	cps
Bromine	81-1	6828	6628	6922	6793	2.21	cps
Bromine	81-2	137	143	97	126	20.10	cps
Cadmium	108-1	70	63	50	61	16.66	cps
Cadmium	106-1	1953	2024	2124	2034	4.20	cps
Cadmium	111-1	1678	1775	1855	1770	4.99	cps
Calcium	43-1	858438	860269	864395	861034	0.35	cps
Calcium	44-1	13016444	13041609	12955482	13004511	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52488	52725	53260	52824	0.75	cps
Cobalt	59-2	86313	86930	86068	86437	0.51	cps
Copper	63-2	144910	145021	146327	145419	0.54	cps
Dysprosium	156-1	48711	48768	49547	49008	0.95	cps
Dysprosium	156-2	36521	35836	36186	36181	0.95	cps
Erbium	164-1	40893	40378	40562	40611	0.64	cps
Erbium	164-2	25133	25213	24779	25041	0.92	cps
Gadolinium	160-1	46263	46430	46677	46457	0.45	cps
Gadolinium	160-2	30099	30600	30089	30263	0.97	cps
Holmium	165-1	5878934	6574295	6408218	6287149	5.78	cps
Holmium	165-2	4053308	4034665	4021264	4036412	0.40	cps
Indium	115-1	4086097	4617192	4415828	4373039	6.13	cps
Indium	115-2	1305945	1303986	1303486	1304472	0.10	cps
Iron	56-2	113633065	113428435	112951455	113337652	0.31	cps
Iron	57-2	2844810	2868332	2845392	2852845	0.47	cps
Iron	54-2	6201016	6173770	6146280	6173689	0.44	cps
Krypton	83-1	120	170	123	138	20.29	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-13	Instrumnet Name :	P7
Client Sample ID :	MYD4L3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:56:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	72840	72311	71460	72204	0.96	cps
Lead	207-1	58847	58907	60069	59274	1.16	cps
Lead	208-1	275090	274639	276705	275478	0.39	cps
Lithium	6-1	881848	1008605	977690	956047	6.91	cps
Magnesium	24-2	2804328	2831108	2802284	2812573	0.57	cps
Manganese	55-2	2119451	2104965	2104470	2109629	0.40	cps
Molybdenum	94-1	14631	14738	14851	14740	0.75	cps
Molybdenum	95-1	1597	1757	1860	1738	7.64	cps
Molybdenum	96-1	5594	5554	5778	5642	2.11	cps
Molybdenum	97-1	1097	1087	1120	1101	1.55	cps
Molybdenum	98-1	2710	2750	2904	2788	3.66	cps
Neodymium	150-1	83448	83887	83978	83771	0.34	cps
Neodymium	150-2	44353	43273	43236	43621	1.45	cps
Nickel	60-2	22136	22867	22420	22475	1.64	cps
Phosphorus	31-2	13850	13983	14167	14000	1.14	cps
Potassium	39-2	730119	729715	732222	730685	0.18	cps
Rhodium	103-1	3514948	3965609	3895885	3792147	6.40	cps
Rhodium	103-2	2151159	2114348	2118418	2127975	0.95	cps
Scandium	45-1	2101806	2299753	2238106	2213222	4.58	cps
Scandium	45-2	185375	183199	183662	184078	0.62	cps
Selenium	82-1	166	144	187	166	12.99	cps
Selenium	77-2	93	130	113	112	16.36	cps
Selenium	78-2	137	217	147	167	26.15	cps
Silicon	28-1	28445064	28697196	28628948	28590403	0.46	cps
Silver	107-1	923	920	1013	952	5.56	cps
Silver	109-1	807	883	977	889	9.58	cps
Sodium	23-2	401621	404796	404749	403722	0.45	cps
Strontium	86-1	127832	129167	131114	129371	1.28	cps
Strontium	88-1	1125000	1130233	1140896	1132043	0.72	cps
Sulfur	34-1	105595	107938	107109	106880	1.11	cps
Terbium	159-1	5871493	6728024	6446388	6348635	6.88	cps
Terbium	159-2	3970697	3878690	3930984	3926790	1.18	cps
Thallium	203-1	1073	1043	1193	1103	7.19	cps
Thallium	205-1	2640	2510	2620	2590	2.70	cps
Tin	118-1	3787	4198	4057	4014	5.20	cps
Titanium	47-1	527302	523372	529186	526620	0.56	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-13	Instrumnet Name :	P7
Client Sample ID :	MYD4L3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:56:44	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12556	12556	12820	12644	1.20	cps
Vanadium	51-2	193341	192194	191138	192225	0.57	cps
Yttrium	89-1	7002312	7830209	7588418	7473646	5.70	cps
Yttrium	89-2	1774679	1796798	1791362	1787613	0.64	cps
Zinc	66-2	41929	42320	42403	42217	0.60	cps
Zirconium	90-1	37087	36238	37167	36831	1.40	cps
Zirconium	91-1	8406	8009	8469	8295	3.01	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-14	Instrumnet Name :	P7
Client Sample ID :	MYD4L4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:59:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3593518	3616628	3575324	3595157	0.58	cps
Antimony	121-1	3017	3384	3390	3264	6.55	cps
Arsenic	75-2	14050	14417	14744	14404	2.41	cps
Barium	135-1	443106	449187	454932	449075	1.32	cps
Barium	137-1	771378	781057	786837	779757	1.00	cps
Beryllium	9-1	1253	1217	1150	1207	4.34	cps
Bismuth	209-1	4038485	4037986	4146396	4074289	1.53	cps
Bismuth	209-2	2941381	2933035	2946043	2940153	0.22	cps
Bromine	81-1	6832	6958	7045	6945	1.55	cps
Bromine	81-2	193	177	117	162	24.86	cps
Cadmium	108-1	143	150	160	151	5.55	cps
Cadmium	106-1	2300	2220	2044	2188	6.00	cps
Cadmium	111-1	2227	2139	1892	2086	8.32	cps
Calcium	43-1	212564	216935	216782	215427	1.15	cps
Calcium	44-1	3213351	3297708	3292616	3267891	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74617	74650	74396	74554	0.19	cps
Cobalt	59-2	127922	127959	128292	128058	0.16	cps
Copper	63-2	186068	187714	186702	186828	0.44	cps
Dysprosium	156-1	50687	52414	53488	52196	2.71	cps
Dysprosium	156-2	38292	37965	39622	38626	2.27	cps
Erbium	164-1	44450	45785	46119	45451	1.94	cps
Erbium	164-2	28172	28629	28536	28446	0.85	cps
Gadolinium	160-1	49778	51216	51303	50766	1.69	cps
Gadolinium	160-2	33096	33684	33590	33457	0.94	cps
Holmium	165-1	6278685	6465693	6376783	6373720	1.47	cps
Holmium	165-2	4084801	4050487	3994156	4043148	1.13	cps
Indium	115-1	4425419	4473818	4380796	4426678	1.05	cps
Indium	115-2	1325804	1315528	1312869	1318067	0.52	cps
Iron	56-2	152032101	150572588	151205271	151269987	0.48	cps
Iron	57-2	3747783	3719768	3722114	3729888	0.42	cps
Iron	54-2	8293747	8193296	8249219	8245421	0.61	cps
Krypton	83-1	150	153	137	147	6.01	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-14	Instrumnet Name :	P7
Client Sample ID :	MYD4L4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:59:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	166512	171039	172536	170029	1.84	cps
Lead	207-1	144762	144977	148872	146203	1.58	cps
Lead	208-1	654256	666749	675404	665470	1.60	cps
Lithium	6-1	917811	956745	963680	946078	2.61	cps
Magnesium	24-2	2719756	2725195	2719522	2721491	0.12	cps
Manganese	55-2	2418204	2442967	2470764	2443978	1.08	cps
Molybdenum	94-1	38407	39276	40349	39344	2.47	cps
Molybdenum	95-1	2530	2534	2677	2580	3.25	cps
Molybdenum	96-1	11041	11615	11455	11370	2.60	cps
Molybdenum	97-1	1687	1777	1663	1709	3.50	cps
Molybdenum	98-1	4217	4297	4311	4275	1.18	cps
Neodymium	150-1	85648	88633	88284	87522	1.86	cps
Neodymium	150-2	45747	45460	46406	45871	1.06	cps
Nickel	60-2	30935	30361	30554	30617	0.95	cps
Phosphorus	31-2	13780	13503	13299	13527	1.78	cps
Potassium	39-2	1236076	1223425	1249578	1236360	1.06	cps
Rhodium	103-1	3876568	3871567	3903359	3883831	0.44	cps
Rhodium	103-2	2162807	2092662	2138437	2131302	1.67	cps
Scandium	45-1	2216132	2240082	2234742	2230319	0.56	cps
Scandium	45-2	184572	183293	185385	184417	0.57	cps
Selenium	82-1	177	211	218	202	10.74	cps
Selenium	77-2	137	90	83	103	28.12	cps
Selenium	78-2	163	203	140	169	18.97	cps
Silicon	28-1	29676657	30198873	30257507	30044346	1.06	cps
Silver	107-1	1030	1107	1197	1111	7.51	cps
Silver	109-1	1100	1060	1210	1123	6.91	cps
Sodium	23-2	120332	120607	122180	121040	0.82	cps
Strontium	86-1	120582	122934	123378	122298	1.23	cps
Strontium	88-1	1078085	1089445	1097563	1088364	0.90	cps
Sulfur	34-1	102270	97629	94560	98153	3.95	cps
Terbium	159-1	6479511	6527749	6490364	6499208	0.39	cps
Terbium	159-2	3995276	3917070	3986977	3966441	1.08	cps
Thallium	203-1	1513	1493	1413	1473	3.59	cps
Thallium	205-1	3514	3430	3674	3539	3.50	cps
Tin	118-1	4704	4974	4951	4876	3.07	cps
Titanium	47-1	769690	783825	785986	779834	1.13	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-14	Instrumnet Name :	P7
Client Sample ID :	MYD4L4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 15:59:58	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17441	18413	18376	18077	3.05	cps
Vanadium	51-2	284240	283233	281066	282846	0.57	cps
Yttrium	89-1	7571578	7661891	7625766	7619745	0.60	cps
Yttrium	89-2	1810052	1810353	1810954	1810453	0.03	cps
Zinc	66-2	67378	66407	66440	66742	0.83	cps
Zirconium	90-1	101286	101857	102786	101976	0.74	cps
Zirconium	91-1	22477	23018	23008	22835	1.35	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-15	Instrumnet Name :	P7
Client Sample ID :	MYD4L5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:03:10	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3512817	3494883	3476580	3494760	0.52	cps
Antimony	121-1	5504	5805	5838	5716	3.21	cps
Arsenic	75-2	26120	25636	25242	25666	1.71	cps
Barium	135-1	448241	451742	454549	451511	0.70	cps
Barium	137-1	766164	785447	795070	782227	1.88	cps
Beryllium	9-1	1310	1340	1293	1315	1.80	cps
Bismuth	209-1	4044667	4042835	4097779	4061760	0.77	cps
Bismuth	209-2	2965523	2936698	3012329	2971517	1.28	cps
Bromine	81-1	6905	6498	6878	6760	3.37	cps
Bromine	81-2	203	157	167	176	14.00	cps
Cadmium	108-1	353	463	343	387	17.22	cps
Cadmium	106-1	2574	2527	2650	2584	2.41	cps
Cadmium	111-1	5735	5302	5645	5561	4.11	cps
Calcium	43-1	169605	173249	176179	173011	1.90	cps
Calcium	44-1	2559145	2618593	2645866	2607868	1.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64119	63543	64239	63967	0.58	cps
Cobalt	59-2	114889	115124	114684	114899	0.19	cps
Copper	63-2	567897	566883	564881	566554	0.27	cps
Dysprosium	156-1	54492	56276	55804	55524	1.66	cps
Dysprosium	156-2	40669	40993	41444	41035	0.95	cps
Erbium	164-1	48266	50317	50417	49667	2.44	cps
Erbium	164-2	31008	30477	30761	30748	0.86	cps
Gadolinium	160-1	51565	53221	53853	52879	2.23	cps
Gadolinium	160-2	35365	34225	34292	34627	1.85	cps
Holmium	165-1	6392510	6423373	6445696	6420526	0.42	cps
Holmium	165-2	4013772	4056435	4047590	4039265	0.56	cps
Indium	115-1	4340849	4417212	4396909	4384990	0.90	cps
Indium	115-2	1305271	1308722	1315139	1309711	0.38	cps
Iron	56-2	135438041	136599581	134441281	135492968	0.80	cps
Iron	57-2	3361427	3360998	3367776	3363400	0.11	cps
Iron	54-2	7429025	7414451	7419350	7420942	0.10	cps
Krypton	83-1	153	147	137	146	5.76	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-15	Instrumnet Name :	P7
Client Sample ID :	MYD4L5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:03:10	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	453093	452039	461716	455616	1.17	cps
Lead	207-1	396162	411610	412106	406626	2.23	cps
Lead	208-1	1794675	1836147	1852664	1827829	1.63	cps
Lithium	6-1	938462	975051	992644	968719	2.85	cps
Magnesium	24-2	2311629	2269545	2293684	2291620	0.92	cps
Manganese	55-2	3260447	3283028	3273308	3272261	0.35	cps
Molybdenum	94-1	45527	46273	47259	46353	1.87	cps
Molybdenum	95-1	3047	3107	3080	3078	0.98	cps
Molybdenum	96-1	12209	12862	12796	12622	2.85	cps
Molybdenum	97-1	1927	1763	1940	1877	5.24	cps
Molybdenum	98-1	4864	4971	5018	4951	1.59	cps
Neodymium	150-1	87050	89874	90830	89251	2.20	cps
Neodymium	150-2	47115	46747	47537	47133	0.84	cps
Nickel	60-2	24433	25148	24660	24747	1.48	cps
Phosphorus	31-2	13016	13329	13603	13316	2.21	cps
Potassium	39-2	1641699	1642880	1631166	1638582	0.39	cps
Rhodium	103-1	3807686	3859637	3846127	3837817	0.70	cps
Rhodium	103-2	2129823	2135634	2146153	2137203	0.39	cps
Scandium	45-1	2173782	2214646	2184825	2191084	0.96	cps
Scandium	45-2	183159	182950	183618	183242	0.19	cps
Selenium	82-1	202	251	214	222	11.42	cps
Selenium	77-2	107	143	113	121	16.13	cps
Selenium	78-2	170	180	210	187	11.15	cps
Silicon	28-1	27599664	28020955	28202660	27941093	1.11	cps
Silver	107-1	4634	4788	4934	4785	3.14	cps
Silver	109-1	4454	4521	4574	4516	1.33	cps
Sodium	23-2	124209	124505	124969	124561	0.31	cps
Strontium	86-1	108187	109463	109691	109113	0.74	cps
Strontium	88-1	945570	963386	971081	960012	1.36	cps
Sulfur	34-1	87012	85843	85259	86038	1.04	cps
Terbium	159-1	6436643	6471756	6546169	6484856	0.86	cps
Terbium	159-2	3943546	3973833	3988798	3968725	0.58	cps
Thallium	203-1	1927	1994	2007	1976	2.17	cps
Thallium	205-1	4754	4511	4441	4569	3.60	cps
Tin	118-1	7125	7355	7405	7295	2.05	cps
Titanium	47-1	1259449	1286782	1293606	1279946	1.41	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-15	Instrumnet Name :	P7
Client Sample ID :	MYD4L5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:03:10	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20673	21598	21023	21098	2.21	cps
Vanadium	51-2	246133	244977	244590	245233	0.33	cps
Yttrium	89-1	7558504	7610295	7661500	7610100	0.68	cps
Yttrium	89-2	1787464	1802691	1807769	1799308	0.59	cps
Zinc	66-2	126267	126328	126426	126341	0.06	cps
Zirconium	90-1	117908	119894	119759	119187	0.93	cps
Zirconium	91-1	26010	26504	26905	26473	1.69	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-16	Instrumnet Name :	P7
Client Sample ID :	MYD4L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:06:24	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3736888	3667750	3738863	3714500	1.09	cps
Antimony	121-1	2287	2284	2314	2295	0.72	cps
Arsenic	75-2	9083	9013	9140	9078	0.70	cps
Barium	135-1	402737	406849	406590	405392	0.57	cps
Barium	137-1	706626	711697	713412	710578	0.50	cps
Beryllium	9-1	1090	1237	1103	1143	7.09	cps
Bismuth	209-1	3903748	3962355	3946475	3937526	0.77	cps
Bismuth	209-2	2879965	2881297	2836322	2865861	0.89	cps
Bromine	81-1	6922	7175	6968	7022	1.92	cps
Bromine	81-2	170	167	160	166	3.08	cps
Cadmium	108-1	103	133	103	113	15.29	cps
Cadmium	106-1	2177	2160	2124	2154	1.27	cps
Cadmium	111-1	1925	1842	1871	1879	2.23	cps
Calcium	43-1	753111	766087	765520	761572	0.96	cps
Calcium	44-1	11471196	11558998	11593565	11541253	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57164	56740	57860	57255	0.99	cps
Cobalt	59-2	110640	112827	112088	111852	0.99	cps
Copper	63-2	153107	153932	152699	153246	0.41	cps
Dysprosium	156-1	52662	53966	52896	53174	1.31	cps
Dysprosium	156-2	37878	37931	38626	38145	1.10	cps
Erbium	164-1	44758	46317	46473	45849	2.07	cps
Erbium	164-2	28983	28810	28569	28787	0.72	cps
Gadolinium	160-1	51170	50306	51625	51034	1.31	cps
Gadolinium	160-2	33710	32929	32932	33190	1.36	cps
Holmium	165-1	6303905	6283756	6344128	6310596	0.49	cps
Holmium	165-2	4031043	3992307	3975970	3999773	0.71	cps
Indium	115-1	4398167	4386825	4360684	4381892	0.44	cps
Indium	115-2	1288295	1286230	1281248	1285258	0.28	cps
Iron	56-2	124945565	125244911	124008758	124733078	0.52	cps
Iron	57-2	3153958	3158651	3108033	3140214	0.89	cps
Iron	54-2	6843188	6772143	6806570	6807300	0.52	cps
Krypton	83-1	173	150	87	137	32.81	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-16	Instrumnet Name :	P7
Client Sample ID :	MYD4L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:06:24	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	108956	111277	111059	110431	1.16	cps
Lead	207-1	92515	93952	93294	93254	0.77	cps
Lead	208-1	422022	429312	429882	427072	1.03	cps
Lithium	6-1	924866	952934	964173	947324	2.14	cps
Magnesium	24-2	3530869	3552041	3504440	3529117	0.68	cps
Manganese	55-2	2674549	2662477	2646505	2661177	0.53	cps
Molybdenum	94-1	27002	27262	28190	27485	2.27	cps
Molybdenum	95-1	1630	1630	1690	1650	2.10	cps
Molybdenum	96-1	7812	8112	8226	8050	2.65	cps
Molybdenum	97-1	927	1027	1120	1024	9.44	cps
Molybdenum	98-1	2407	2610	2470	2496	4.17	cps
Neodymium	150-1	80381	80964	82952	81432	1.66	cps
Neodymium	150-2	42531	41752	41725	42002	1.09	cps
Nickel	60-2	28480	28561	28667	28569	0.33	cps
Phosphorus	31-2	15344	15221	15308	15291	0.41	cps
Potassium	39-2	771043	773860	772138	772347	0.18	cps
Rhodium	103-1	3829635	3836828	3794159	3820207	0.60	cps
Rhodium	103-2	2086238	2076064	2086557	2082953	0.29	cps
Scandium	45-1	2167335	2200955	2174118	2180803	0.82	cps
Scandium	45-2	180726	179458	178490	179558	0.62	cps
Selenium	82-1	170	183	232	195	16.71	cps
Selenium	77-2	110	93	83	96	14.10	cps
Selenium	78-2	147	167	137	150	10.18	cps
Silicon	28-1	26563919	26909175	26869048	26780714	0.71	cps
Silver	107-1	800	833	1073	902	16.53	cps
Silver	109-1	793	820	850	821	3.45	cps
Sodium	23-2	119868	119992	118653	119504	0.62	cps
Strontium	86-1	109963	111068	110248	110426	0.52	cps
Strontium	88-1	959683	975162	972554	969133	0.86	cps
Sulfur	34-1	95657	101129	102682	99823	3.70	cps
Terbium	159-1	6506681	6492035	6420082	6472932	0.72	cps
Terbium	159-2	3894068	3890651	3899908	3894875	0.12	cps
Thallium	203-1	1230	1210	1037	1159	9.17	cps
Thallium	205-1	2590	2484	2610	2561	2.66	cps
Tin	118-1	4758	4657	4751	4722	1.18	cps
Titanium	47-1	605138	610173	609120	608144	0.44	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-16	Instrumnet Name :	P7
Client Sample ID :	MYD4L6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:06:24	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11762	12356	12486	12201	3.16	cps
Vanadium	51-2	225926	225770	225902	225866	0.04	cps
Yttrium	89-1	7467751	7521188	7552276	7513738	0.57	cps
Yttrium	89-2	1752404	1794811	1781551	1776255	1.22	cps
Zinc	66-2	53415	54245	54107	53922	0.82	cps
Zirconium	90-1	69872	71918	70381	70723	1.51	cps
Zirconium	91-1	16322	16126	15712	16053	1.94	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-17	Instrumnet Name :	P7
Client Sample ID :	MYD4L7	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:09:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4223772	4216786	4129427	4189995	1.25	cps
Antimony	121-1	2260	2407	2224	2297	4.22	cps
Arsenic	75-2	17384	17507	17424	17438	0.36	cps
Barium	135-1	534433	541325	542144	539301	0.79	cps
Barium	137-1	915266	943594	945415	934758	1.81	cps
Beryllium	9-1	1320	1433	1337	1363	4.49	cps
Bismuth	209-1	3984561	3635274	4006185	3875340	5.37	cps
Bismuth	209-2	3026398	2864980	3019821	2970400	3.08	cps
Bromine	81-1	6595	7142	6772	6836	4.08	cps
Bromine	81-2	187	147	197	177	14.98	cps
Cadmium	108-1	247	177	153	192	25.27	cps
Cadmium	106-1	2447	2337	2430	2405	2.47	cps
Cadmium	111-1	2730	2749	2734	2738	0.36	cps
Calcium	43-1	247933	255434	254068	252478	1.58	cps
Calcium	44-1	3763747	3846606	3863423	3824592	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77357	76613	76559	76843	0.58	cps
Cobalt	59-2	96393	95806	94860	95687	0.81	cps
Copper	63-2	202747	202834	203045	202875	0.08	cps
Dysprosium	156-1	53317	53632	52999	53316	0.59	cps
Dysprosium	156-2	38810	39195	39903	39303	1.41	cps
Erbium	164-1	46962	48119	47658	47580	1.22	cps
Erbium	164-2	29575	29214	29254	29348	0.67	cps
Gadolinium	160-1	51103	53023	52424	52183	1.88	cps
Gadolinium	160-2	34088	34613	33797	34166	1.21	cps
Holmium	165-1	6433000	5756530	6400097	6196543	6.16	cps
Holmium	165-2	4124776	4001934	4183947	4103552	2.26	cps
Indium	115-1	4454689	3969975	4389953	4271539	6.16	cps
Indium	115-2	1342413	1282295	1349960	1324889	2.80	cps
Iron	56-2	130764168	131654061	130149451	130855894	0.58	cps
Iron	57-2	3274622	3251575	3291274	3272490	0.61	cps
Iron	54-2	7202579	7184461	7071824	7152955	0.99	cps
Krypton	83-1	143	143	177	154	12.46	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-17	Instrumnet Name :	P7
Client Sample ID :	MYD4L7	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:09:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	238691	242700	242246	241212	0.91	cps
Lead	207-1	210281	216458	218377	215039	1.97	cps
Lead	208-1	949143	977045	976474	967554	1.65	cps
Lithium	6-1	918769	870503	968772	919348	5.34	cps
Magnesium	24-2	2987590	2983009	2967276	2979292	0.36	cps
Manganese	55-2	2288708	2323005	2289497	2300403	0.85	cps
Molybdenum	94-1	55284	57020	56990	56431	1.76	cps
Molybdenum	95-1	1883	1820	1743	1816	3.86	cps
Molybdenum	96-1	12666	13350	12993	13003	2.63	cps
Molybdenum	97-1	1147	1200	1070	1139	5.74	cps
Molybdenum	98-1	2710	2737	2690	2712	0.86	cps
Neodymium	150-1	85061	88988	88096	87382	2.36	cps
Neodymium	150-2	46844	46042	45597	46161	1.37	cps
Nickel	60-2	30695	29599	30047	30114	1.83	cps
Phosphorus	31-2	12445	12268	12038	12251	1.67	cps
Potassium	39-2	1011936	1014624	998627	1008395	0.85	cps
Rhodium	103-1	3816897	3470699	3851882	3713159	5.67	cps
Rhodium	103-2	2205339	2094516	2184530	2161462	2.73	cps
Scandium	45-1	2183031	2046128	2197325	2142161	3.90	cps
Scandium	45-2	188736	180578	186580	185298	2.28	cps
Selenium	82-1	213	220	201	211	4.46	cps
Selenium	77-2	103	107	150	120	21.70	cps
Selenium	78-2	180	233	183	199	15.02	cps
Silicon	28-1	29261685	29988748	29873278	29707903	1.32	cps
Silver	107-1	1910	2094	2050	2018	4.75	cps
Silver	109-1	1817	1860	1860	1846	1.36	cps
Sodium	23-2	105823	107622	108166	107204	1.14	cps
Strontium	86-1	133653	137309	136785	135916	1.45	cps
Strontium	88-1	1180914	1215146	1210207	1202089	1.54	cps
Sulfur	34-1	96918	93577	89621	93372	3.91	cps
Terbium	159-1	6328149	5878759	6596585	6267831	5.79	cps
Terbium	159-2	4091696	3867029	4078421	4012382	3.14	cps
Thallium	203-1	1330	1390	1357	1359	2.21	cps
Thallium	205-1	3154	3434	3387	3325	4.51	cps
Tin	118-1	5918	6138	6515	6190	4.88	cps
Titanium	47-1	652151	666932	666945	662010	1.29	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-17	Instrumnet Name :	P7
Client Sample ID :	MYD4L7	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:09:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16267	16774	16347	16463	1.66	cps
Vanadium	51-2	226156	226893	225557	226202	0.30	cps
Yttrium	89-1	7562286	6937283	7593146	7364238	5.03	cps
Yttrium	89-2	1842665	1758502	1852611	1817926	2.84	cps
Zinc	66-2	80264	79825	80157	80082	0.29	cps
Zirconium	90-1	148017	150293	150670	149660	0.96	cps
Zirconium	91-1	33231	33161	33348	33247	0.28	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-18	Instrumnet Name :	P7
Client Sample ID :	MYD4L8	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:12:52	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2785480	2812035	2749338	2782284	1.13	cps
Antimony	121-1	8036	7912	8106	8018	1.22	cps
Arsenic	75-2	33090	33160	33037	33096	0.19	cps
Barium	135-1	348304	354865	357677	353615	1.36	cps
Barium	137-1	609095	615171	623155	615807	1.15	cps
Beryllium	9-1	1110	1097	1053	1087	2.73	cps
Bismuth	209-1	3937776	4127082	4070494	4045117	2.40	cps
Bismuth	209-2	2945064	2968603	2951042	2954903	0.41	cps
Bromine	81-1	6712	6588	6658	6653	0.93	cps
Bromine	81-2	167	183	153	168	8.96	cps
Cadmium	108-1	257	323	370	317	17.99	cps
Cadmium	106-1	2417	2400	2494	2437	2.04	cps
Cadmium	111-1	4699	4391	4710	4600	3.94	cps
Calcium	43-1	144605	147932	147784	146774	1.28	cps
Calcium	44-1	2182244	2173923	2202777	2186315	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61474	61374	61732	61527	0.30	cps
Cobalt	59-2	83896	82575	83242	83238	0.79	cps
Copper	63-2	330837	333047	328078	330654	0.75	cps
Dysprosium	156-1	40074	41454	41478	41002	1.96	cps
Dysprosium	156-2	30369	30413	30523	30435	0.26	cps
Erbium	164-1	35609	36481	36651	36247	1.54	cps
Erbium	164-2	22872	22815	22358	22682	1.24	cps
Gadolinium	160-1	40014	39663	38790	39489	1.60	cps
Gadolinium	160-2	26385	26458	26204	26349	0.50	cps
Holmium	165-1	6268124	6391347	6471107	6376859	1.60	cps
Holmium	165-2	3994442	3925205	4104473	4008040	2.26	cps
Indium	115-1	4296455	4400042	4390830	4362442	1.31	cps
Indium	115-2	1294888	1286294	1300453	1293878	0.55	cps
Iron	56-2	121215935	120982985	120021038	120739986	0.52	cps
Iron	57-2	3005909	3030964	3003287	3013387	0.51	cps
Iron	54-2	6606717	6555586	6557959	6573421	0.44	cps
Krypton	83-1	120	113	137	123	9.74	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-18	Instrumnet Name :	P7
Client Sample ID :	MYD4L8	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:12:52	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	672400	688998	687983	683127	1.36	cps
Lead	207-1	621228	633209	642589	632342	1.69	cps
Lead	208-1	2796422	2844600	2841132	2827385	0.95	cps
Lithium	6-1	974949	930553	952896	952799	2.33	cps
Magnesium	24-2	1850774	1846727	1781076	1826192	2.14	cps
Manganese	55-2	1736246	1755769	1751082	1747699	0.58	cps
Molybdenum	94-1	49366	50460	49677	49834	1.13	cps
Molybdenum	95-1	3410	3701	3787	3633	5.43	cps
Molybdenum	96-1	13306	13470	13603	13460	1.10	cps
Molybdenum	97-1	2190	2250	2224	2221	1.35	cps
Molybdenum	98-1	5751	5788	6058	5866	2.86	cps
Neodymium	150-1	69349	70619	70605	70191	1.04	cps
Neodymium	150-2	37062	37022	36203	36762	1.32	cps
Nickel	60-2	20317	20875	20120	20437	1.91	cps
Phosphorus	31-2	13680	13676	13359	13572	1.36	cps
Potassium	39-2	1450431	1438407	1435940	1441593	0.54	cps
Rhodium	103-1	3711732	3764139	3839548	3771807	1.70	cps
Rhodium	103-2	2139332	2109941	2129011	2126095	0.70	cps
Scandium	45-1	2063604	2138270	2114320	2105398	1.81	cps
Scandium	45-2	177044	173095	177350	175830	1.35	cps
Selenium	82-1	236	256	183	225	16.69	cps
Selenium	77-2	123	103	143	123	16.22	cps
Selenium	78-2	147	183	133	154	16.76	cps
Silicon	28-1	27339175	27749690	28037381	27708749	1.27	cps
Silver	107-1	5261	5494	5588	5448	3.09	cps
Silver	109-1	4924	4938	5051	4971	1.40	cps
Sodium	23-2	119838	121131	120460	120476	0.54	cps
Strontium	86-1	102984	104138	106508	104543	1.72	cps
Strontium	88-1	923937	932094	928158	928063	0.44	cps
Sulfur	34-1	86241	86580	85484	86102	0.65	cps
Terbium	159-1	6261491	6375805	6526528	6387942	2.08	cps
Terbium	159-2	3949592	3944052	3946606	3946750	0.07	cps
Thallium	203-1	1790	1757	1903	1817	4.23	cps
Thallium	205-1	4431	4497	4314	4414	2.10	cps
Tin	118-1	7615	7542	7569	7575	0.49	cps
Titanium	47-1	905963	921152	931791	919635	1.41	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-18	Instrumnet Name :	P7
Client Sample ID :	MYD4L8	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:12:52	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19321	19411	20028	19587	1.97	cps
Vanadium	51-2	198717	200912	197865	199165	0.79	cps
Yttrium	89-1	7174347	7346757	7367999	7296368	1.46	cps
Yttrium	89-2	1741005	1734002	1741442	1738816	0.24	cps
Zinc	66-2	147183	149172	145898	147418	1.12	cps
Zirconium	90-1	124522	127251	128815	126863	1.71	cps
Zirconium	91-1	27853	28241	29112	28402	2.27	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-19	Instrumnet Name :	P7
Client Sample ID :	MYD4L9	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:16:04	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4303288	4373802	4335944	4337678	0.81	cps
Antimony	121-1	2694	2717	2500	2637	4.51	cps
Arsenic	75-2	13496	13873	13543	13637	1.51	cps
Barium	135-1	413626	425538	425419	421528	1.62	cps
Barium	137-1	721960	740338	740754	734351	1.46	cps
Beryllium	9-1	1247	1073	1170	1163	7.47	cps
Bismuth	209-1	4300966	4288583	4243754	4277768	0.70	cps
Bismuth	209-2	2988270	3012703	2943462	2981478	1.18	cps
Bromine	81-1	7459	7392	7465	7439	0.55	cps
Bromine	81-2	183	220	190	198	9.87	cps
Cadmium	108-1	127	150	150	142	9.47	cps
Cadmium	106-1	2354	2310	2457	2374	3.17	cps
Cadmium	111-1	2289	2199	2212	2233	2.18	cps
Calcium	43-1	779215	785948	789433	784865	0.66	cps
Calcium	44-1	11662402	11876436	11827281	11788706	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78948	78764	77829	78514	0.76	cps
Cobalt	59-2	108109	108784	109304	108732	0.55	cps
Copper	63-2	164941	167263	165706	165970	0.71	cps
Dysprosium	156-1	54438	57196	56342	55992	2.52	cps
Dysprosium	156-2	40629	40257	40004	40297	0.78	cps
Erbium	164-1	49327	50203	50304	49944	1.08	cps
Erbium	164-2	30056	30644	29541	30080	1.83	cps
Gadolinium	160-1	54010	54321	54854	54395	0.78	cps
Gadolinium	160-2	34746	34980	35291	35006	0.78	cps
Holmium	165-1	6776172	6883706	6817100	6825659	0.80	cps
Holmium	165-2	4223388	4164217	4146965	4178190	0.96	cps
Indium	115-1	4669103	4664973	4627909	4653995	0.49	cps
Indium	115-2	1344053	1327297	1332282	1334544	0.64	cps
Iron	56-2	134323428	133592945	134930925	134282432	0.50	cps
Iron	57-2	3394994	3311699	3355616	3354103	1.24	cps
Iron	54-2	7307732	7290267	7282037	7293345	0.18	cps
Krypton	83-1	127	160	173	153	15.68	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-19	Instrumnet Name :	P7
Client Sample ID :	MYD4L9	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:16:04	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	145216	149650	151062	148643	2.05	cps
Lead	207-1	128023	127811	131404	129079	1.56	cps
Lead	208-1	587045	586044	595533	589541	0.88	cps
Lithium	6-1	1007945	932399	982546	974297	3.95	cps
Magnesium	24-2	3513289	3545795	3528449	3529178	0.46	cps
Manganese	55-2	2673806	2701371	2707840	2694339	0.67	cps
Molybdenum	94-1	40613	40112	40503	40409	0.65	cps
Molybdenum	95-1	2027	2090	2000	2039	2.27	cps
Molybdenum	96-1	10541	11114	10817	10824	2.65	cps
Molybdenum	97-1	1263	1327	1197	1262	5.15	cps
Molybdenum	98-1	3247	3257	3380	3295	2.25	cps
Neodymium	150-1	92575	93125	93440	93046	0.47	cps
Neodymium	150-2	47620	46553	47352	47175	1.18	cps
Nickel	60-2	31109	30795	30855	30920	0.54	cps
Phosphorus	31-2	15772	15401	15778	15650	1.38	cps
Potassium	39-2	1257012	1262660	1279601	1266424	0.93	cps
Rhodium	103-1	4039105	4021472	4047649	4036075	0.33	cps
Rhodium	103-2	2226689	2205993	2172124	2201602	1.25	cps
Scandium	45-1	2276098	2292915	2277527	2282180	0.41	cps
Scandium	45-2	190174	187784	188965	188974	0.63	cps
Selenium	82-1	241	218	156	205	21.39	cps
Selenium	77-2	127	140	123	130	6.78	cps
Selenium	78-2	167	163	177	169	4.11	cps
Silicon	28-1	29070865	30048354	30147065	29755428	2.00	cps
Silver	107-1	1160	1213	1193	1189	2.27	cps
Silver	109-1	1097	1137	1300	1178	9.15	cps
Sodium	23-2	103267	103575	103867	103570	0.29	cps
Strontium	86-1	127516	131861	132372	130583	2.04	cps
Strontium	88-1	1155824	1151022	1158080	1154975	0.31	cps
Sulfur	34-1	107237	113887	114629	111917	3.64	cps
Terbium	159-1	6830321	6857135	6897318	6861591	0.49	cps
Terbium	159-2	4057128	4036754	4057090	4050324	0.29	cps
Thallium	203-1	1380	1503	1447	1443	4.28	cps
Thallium	205-1	3621	3380	3414	3472	3.75	cps
Tin	118-1	4724	4941	4978	4881	2.81	cps
Titanium	47-1	500929	518072	513972	510991	1.75	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-19	Instrumnet Name :	P7
Client Sample ID :	MYD4L9	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:16:04	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15456	15679	15920	15685	1.48	cps
Vanadium	51-2	222841	221501	222668	222337	0.33	cps
Yttrium	89-1	8066132	7967717	8042363	8025404	0.64	cps
Yttrium	89-2	1880625	1867826	1823507	1857319	1.61	cps
Zinc	66-2	72508	72146	71741	72132	0.53	cps
Zirconium	90-1	101907	104515	104183	103535	1.37	cps
Zirconium	91-1	22457	23696	23566	23240	2.93	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-20	Instrumnet Name :	P7
Client Sample ID :	MYD4M0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:19:18	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4158665	4134207	4119445	4137439	0.48	cps
Antimony	121-1	1710	1747	1767	1741	1.65	cps
Arsenic	75-2	9433	9610	9130	9391	2.59	cps
Barium	135-1	617595	624458	630881	624311	1.06	cps
Barium	137-1	1063583	1088579	1091388	1081183	1.42	cps
Beryllium	9-1	1403	1537	1487	1476	4.57	cps
Bismuth	209-1	4187832	4292850	4284025	4254902	1.37	cps
Bismuth	209-2	3032121	2943108	3013286	2996172	1.57	cps
Bromine	81-1	7589	8356	8199	8048	5.04	cps
Bromine	81-2	213	270	303	262	17.35	cps
Cadmium	108-1	140	187	157	161	14.68	cps
Cadmium	106-1	2467	2240	2504	2404	5.94	cps
Cadmium	111-1	2359	2288	2453	2366	3.50	cps
Calcium	43-1	181497	184513	184931	183647	1.02	cps
Calcium	44-1	2769761	2789726	2794562	2784683	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	78275	78084	77032	77797	0.86	cps
Cobalt	59-2	102594	102268	102742	102535	0.24	cps
Copper	63-2	160237	160197	159796	160077	0.15	cps
Dysprosium	156-1	64792	64420	64952	64721	0.42	cps
Dysprosium	156-2	45413	45771	46610	45931	1.34	cps
Erbium	164-1	54034	54918	55965	54972	1.76	cps
Erbium	164-2	33497	33905	33026	33476	1.31	cps
Gadolinium	160-1	60245	61293	62087	61208	1.51	cps
Gadolinium	160-2	38777	39636	39378	39264	1.12	cps
Holmium	165-1	6788563	6869523	6795902	6817996	0.66	cps
Holmium	165-2	4158994	3998865	4117856	4091905	2.03	cps
Indium	115-1	4614176	4543512	4610587	4589425	0.87	cps
Indium	115-2	1331425	1274324	1315468	1307072	2.25	cps
Iron	56-2	116052465	117580585	116090772	116574607	0.75	cps
Iron	57-2	2889631	2910439	2858503	2886191	0.91	cps
Iron	54-2	6367781	6351245	6327954	6348993	0.32	cps
Krypton	83-1	117	160	183	153	22.06	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-20	Instrumnet Name :	P7
Client Sample ID :	MYD4M0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:19:18	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	155226	157241	157389	156619	0.77	cps
Lead	207-1	129709	136232	134862	133601	2.57	cps
Lead	208-1	596341	614677	617336	609451	1.88	cps
Lithium	6-1	916862	931152	975836	941283	3.27	cps
Magnesium	24-2	2610043	2630057	2632452	2624184	0.47	cps
Manganese	55-2	2890469	2898239	2853881	2880863	0.82	cps
Molybdenum	94-1	49657	51229	50905	50597	1.64	cps
Molybdenum	95-1	1327	1440	1443	1403	4.73	cps
Molybdenum	96-1	11304	11498	11605	11469	1.33	cps
Molybdenum	97-1	830	883	963	892	7.52	cps
Molybdenum	98-1	2097	2344	2430	2290	7.55	cps
Neodymium	150-1	103251	107120	106438	105603	1.96	cps
Neodymium	150-2	53591	55846	54180	54539	2.14	cps
Nickel	60-2	31152	30965	30795	30971	0.58	cps
Phosphorus	31-2	8336	8326	8402	8355	0.50	cps
Potassium	39-2	2045241	2067187	2042002	2051476	0.67	cps
Rhodium	103-1	3974206	4002313	4039262	4005260	0.81	cps
Rhodium	103-2	2188823	2108597	2193160	2163527	2.20	cps
Scandium	45-1	2275173	2269932	2273519	2272875	0.12	cps
Scandium	45-2	186934	179098	181833	182622	2.18	cps
Selenium	82-1	212	188	172	191	10.42	cps
Selenium	77-2	127	123	140	130	6.78	cps
Selenium	78-2	207	197	150	184	16.40	cps
Silicon	28-1	29425791	29560616	29740026	29575478	0.53	cps
Silver	107-1	1293	1303	1417	1338	5.12	cps
Silver	109-1	1203	1123	1267	1198	6.00	cps
Sodium	23-2	106226	106478	107200	106635	0.47	cps
Strontium	86-1	130382	134749	134477	133203	1.84	cps
Strontium	88-1	1137561	1169729	1176827	1161372	1.80	cps
Sulfur	34-1	100669	96331	94184	97061	3.40	cps
Terbium	159-1	6769953	6857060	6923549	6850187	1.12	cps
Terbium	159-2	4039177	3884680	4057766	3993874	2.38	cps
Thallium	203-1	2020	2140	2234	2131	5.02	cps
Thallium	205-1	4861	4971	5091	4974	2.31	cps
Tin	118-1	6535	7162	6928	6875	4.61	cps
Titanium	47-1	686235	692835	695226	691432	0.67	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-20	Instrumnet Name :	P7
Client Sample ID :	MYD4M0	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:19:18	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23053	24286	24299	23879	3.00	cps
Vanadium	51-2	173198	174499	171307	173001	0.93	cps
Yttrium	89-1	7908491	8029077	8050335	7995968	0.96	cps
Yttrium	89-2	1857454	1757578	1811210	1808748	2.76	cps
Zinc	66-2	62657	64037	62209	62968	1.51	cps
Zirconium	90-1	132924	132034	134445	133134	0.92	cps
Zirconium	91-1	29309	30141	30181	29877	1.65	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-21	Instrumnet Name :	P7
Client Sample ID :	MYD4M1	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:22:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3465332	3411186	3462608	3446375	0.89	cps
Antimony	121-1	5885	6238	6138	6087	2.99	cps
Arsenic	75-2	30889	31507	32315	31570	2.27	cps
Barium	135-1	376714	415709	393312	395245	4.95	cps
Barium	137-1	656632	722849	685601	688361	4.82	cps
Beryllium	9-1	1317	1333	1223	1291	4.59	cps
Bismuth	209-1	4042273	4221298	4002918	4088829	2.85	cps
Bismuth	209-2	2840734	2860068	2864668	2855157	0.44	cps
Bromine	81-1	7499	7228	7152	7293	2.50	cps
Bromine	81-2	160	200	140	167	18.33	cps
Cadmium	108-1	300	327	237	288	16.06	cps
Cadmium	106-1	2454	2510	2294	2419	4.65	cps
Cadmium	111-1	3788	4265	3973	4009	6.01	cps
Calcium	43-1	185913	204754	193056	194574	4.89	cps
Calcium	44-1	2857604	3074758	2923780	2952047	3.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81773	81763	83372	82303	1.12	cps
Cobalt	59-2	104772	103453	103500	103908	0.72	cps
Copper	63-2	249384	249513	251308	250068	0.43	cps
Dysprosium	156-1	47640	53314	50490	50482	5.62	cps
Dysprosium	156-2	35364	35775	36427	35856	1.49	cps
Erbium	164-1	42852	46821	43785	44486	4.67	cps
Erbium	164-2	26969	26999	26769	26913	0.47	cps
Gadolinium	160-1	47524	51233	48336	49031	3.98	cps
Gadolinium	160-2	31662	31920	31729	31770	0.42	cps
Holmium	165-1	6115106	6703618	6297405	6372043	4.73	cps
Holmium	165-2	3906371	3831777	3878215	3872121	0.97	cps
Indium	115-1	4195846	4524233	4302151	4340743	3.86	cps
Indium	115-2	1245178	1234419	1249014	1242870	0.61	cps
Iron	56-2	139972965	140051908	139709731	139911535	0.13	cps
Iron	57-2	3446301	3461574	3456008	3454628	0.22	cps
Iron	54-2	7595912	7548964	7620724	7588533	0.48	cps
Krypton	83-1	117	143	130	130	10.26	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-21	Instrumnet Name :	P7
Client Sample ID :	MYD4M1	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:22:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	553174	608623	576304	579367	4.81	cps
Lead	207-1	506332	563537	528492	532787	5.41	cps
Lead	208-1	2275587	2494272	2354544	2374801	4.66	cps
Lithium	6-1	954684	934431	942366	943827	1.08	cps
Magnesium	24-2	2562403	2565721	2564940	2564355	0.07	cps
Manganese	55-2	1806981	1783034	1813848	1801288	0.90	cps
Molybdenum	94-1	54819	59571	56706	57032	4.20	cps
Molybdenum	95-1	2774	2767	2594	2711	3.76	cps
Molybdenum	96-1	13416	14677	14003	14032	4.50	cps
Molybdenum	97-1	1650	1773	1613	1679	4.99	cps
Molybdenum	98-1	4331	4441	4384	4385	1.25	cps
Neodymium	150-1	85416	92175	86912	88168	4.03	cps
Neodymium	150-2	44931	43671	44486	44363	1.44	cps
Nickel	60-2	29973	30858	29803	30212	1.88	cps
Phosphorus	31-2	14767	14917	15138	14941	1.25	cps
Potassium	39-2	1388931	1352304	1402303	1381179	1.87	cps
Rhodium	103-1	3680608	3974276	3743857	3799580	4.07	cps
Rhodium	103-2	2029507	2019636	2050560	2033234	0.78	cps
Scandium	45-1	2058222	2230720	2096999	2128647	4.25	cps
Scandium	45-2	170426	169837	171969	170744	0.65	cps
Selenium	82-1	229	226	198	218	7.73	cps
Selenium	77-2	143	93	137	124	21.82	cps
Selenium	78-2	137	180	183	167	15.62	cps
Silicon	28-1	26620525	28863512	27634008	27706015	4.05	cps
Silver	107-1	3104	3484	3434	3340	6.18	cps
Silver	109-1	2604	2984	3037	2875	8.22	cps
Sodium	23-2	116456	116358	118316	117044	0.94	cps
Strontium	86-1	137767	152527	144793	145029	5.09	cps
Strontium	88-1	1226742	1330076	1260777	1272532	4.14	cps
Sulfur	34-1	90841	95885	90077	92268	3.42	cps
Terbium	159-1	6252103	6851296	6390752	6498050	4.83	cps
Terbium	159-2	3848121	3743646	3807356	3799707	1.39	cps
Thallium	203-1	1537	1783	1563	1628	8.32	cps
Thallium	205-1	3771	4124	3831	3908	4.84	cps
Tin	118-1	7032	8212	7462	7569	7.89	cps
Titanium	47-1	901489	991978	938704	944057	4.82	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-21	Instrumnet Name :	P7
Client Sample ID :	MYD4M1	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:22:30	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18920	21320	20710	20317	6.14	cps
Vanadium	51-2	239142	239792	240154	239696	0.21	cps
Yttrium	89-1	7323070	7665461	7308757	7432429	2.72	cps
Yttrium	89-2	1704094	1670216	1683331	1685880	1.01	cps
Zinc	66-2	129159	128288	129616	129021	0.52	cps
Zirconium	90-1	141635	155176	145997	147603	4.68	cps
Zirconium	91-1	31574	34287	32215	32692	4.34	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-22	Instrumnet Name :	P7
Client Sample ID :	MYD4M2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:25:46	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2863784	2940535	2925596	2909971	1.40	cps
Antimony	121-1	4734	4654	4831	4740	1.87	cps
Arsenic	75-2	21062	21132	21399	21197	0.84	cps
Barium	135-1	410482	420178	415149	415270	1.17	cps
Barium	137-1	699118	718597	728643	715453	2.10	cps
Beryllium	9-1	1087	1110	1167	1121	3.67	cps
Bismuth	209-1	4033595	3903457	3960794	3965949	1.64	cps
Bismuth	209-2	3118923	2918425	2906437	2981262	4.00	cps
Bromine	81-1	6868	6585	7022	6825	3.25	cps
Bromine	81-2	197	230	140	189	24.09	cps
Cadmium	108-1	317	310	250	292	12.56	cps
Cadmium	106-1	2410	2280	2224	2305	4.15	cps
Cadmium	111-1	4269	4313	4335	4306	0.78	cps
Calcium	43-1	137224	138293	138451	137989	0.48	cps
Calcium	44-1	2078084	2079894	2063171	2073717	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56479	57640	57486	57201	1.10	cps
Cobalt	59-2	89974	91768	91289	91010	1.02	cps
Copper	63-2	403801	407078	408613	406497	0.60	cps
Dysprosium	156-1	44360	47018	45858	45745	2.91	cps
Dysprosium	156-2	33099	33460	33353	33304	0.56	cps
Erbium	164-1	40880	40642	41926	41149	1.66	cps
Erbium	164-2	24658	25617	25126	25134	1.91	cps
Gadolinium	160-1	42146	42671	44848	43222	3.31	cps
Gadolinium	160-2	27915	28432	28726	28358	1.45	cps
Holmium	165-1	6086568	6363420	6300036	6250008	2.32	cps
Holmium	165-2	4193688	3950921	3960548	4035052	3.41	cps
Indium	115-1	4169165	4320481	4270854	4253500	1.81	cps
Indium	115-2	1354685	1269493	1258932	1294370	4.06	cps
Iron	56-2	118990722	120608128	121062155	120220335	0.91	cps
Iron	57-2	3003839	2999024	3018912	3007258	0.35	cps
Iron	54-2	6556909	6658411	6593755	6603025	0.78	cps
Krypton	83-1	170	160	133	154	12.27	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-22	Instrumnet Name :	P7
Client Sample ID :	MYD4M2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:25:46	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	333057	340172	340250	337826	1.22	cps
Lead	207-1	295728	307051	305318	302699	2.01	cps
Lead	208-1	1339060	1362131	1386119	1362437	1.73	cps
Lithium	6-1	944189	984664	997037	975297	2.83	cps
Magnesium	24-2	1859623	1888681	1927264	1891856	1.79	cps
Manganese	55-2	2483548	2529607	2551755	2521637	1.38	cps
Molybdenum	94-1	35366	35506	36134	35669	1.15	cps
Molybdenum	95-1	3240	3160	3217	3206	1.28	cps
Molybdenum	96-1	10677	11024	10924	10875	1.64	cps
Molybdenum	97-1	1910	2070	2140	2040	5.78	cps
Molybdenum	98-1	5218	5228	5248	5231	0.29	cps
Neodymium	150-1	75259	75407	76489	75719	0.89	cps
Neodymium	150-2	38466	39926	39325	39239	1.87	cps
Nickel	60-2	22711	23021	22714	22815	0.78	cps
Phosphorus	31-2	10314	10110	10484	10302	1.82	cps
Potassium	39-2	1440366	1426844	1425246	1430819	0.58	cps
Rhodium	103-1	3640289	3768982	3672765	3694012	1.81	cps
Rhodium	103-2	2219762	2067737	2052181	2113227	4.38	cps
Scandium	45-1	2012495	2072909	2037075	2040826	1.49	cps
Scandium	45-2	181428	170257	170985	174223	3.59	cps
Selenium	82-1	178	187	209	191	8.21	cps
Selenium	77-2	97	67	70	78	21.14	cps
Selenium	78-2	143	173	177	164	11.16	cps
Silicon	28-1	25032791	25804110	25605970	25480957	1.57	cps
Silver	107-1	3260	3380	3297	3313	1.86	cps
Silver	109-1	3050	3107	3264	3140	3.52	cps
Sodium	23-2	101964	103478	105092	103511	1.51	cps
Strontium	86-1	93286	96580	96141	95336	1.88	cps
Strontium	88-1	823003	835272	856608	838295	2.03	cps
Sulfur	34-1	84076	81362	82437	82625	1.65	cps
Terbium	159-1	6238377	6352390	6302031	6297599	0.91	cps
Terbium	159-2	4120819	3826734	3867236	3938263	4.05	cps
Thallium	203-1	1653	1773	1750	1726	3.69	cps
Thallium	205-1	3864	4017	4261	4047	4.94	cps
Tin	118-1	6892	6952	7379	7074	3.75	cps
Titanium	47-1	922488	946023	946413	938308	1.46	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2792-22	Instrumnet Name :	P7
Client Sample ID :	MYD4M2	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:25:46	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17939	18359	19244	18514	3.60	cps
Vanadium	51-2	204871	208940	209436	207749	1.21	cps
Yttrium	89-1	7258726	7123746	7147465	7176646	1.00	cps
Yttrium	89-2	1841579	1704525	1699618	1748574	4.61	cps
Zinc	66-2	104546	105250	105449	105081	0.45	cps
Zirconium	90-1	89034	91268	90999	90434	1.35	cps
Zirconium	91-1	20454	20267	20758	20493	1.21	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:28:59	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4709336	4791194	4744143	4748224	0.87	cps
Antimony	121-1	13376	13803	13730	13637	1.67	cps
Arsenic	75-2	25939	25582	25489	25670	0.93	cps
Barium	135-1	776165	790107	799186	788486	1.47	cps
Barium	137-1	1356228	1380321	1390097	1375549	1.27	cps
Beryllium	9-1	1390	1390	1390	1390	0.00	cps
Bismuth	209-1	4038902	4056696	4119111	4071569	1.03	cps
Bismuth	209-2	2961735	2923378	2903003	2929372	1.02	cps
Bromine	81-1	11918	12255	12646	12273	2.97	cps
Bromine	81-2	1157	1010	1087	1084	6.76	cps
Cadmium	108-1	300	363	343	336	9.65	cps
Cadmium	106-1	2424	2460	2450	2445	0.78	cps
Cadmium	111-1	5747	5785	5739	5757	0.43	cps
Calcium	43-1	670510	690125	690373	683669	1.67	cps
Calcium	44-1	10162068	10387665	10450883	10333539	1.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	154364	156317	153774	154818	0.86	cps
Cobalt	59-2	157419	160012	157809	158413	0.88	cps
Copper	63-2	727563	727791	723993	726449	0.29	cps
Dysprosium	156-1	57179	57219	57226	57208	0.04	cps
Dysprosium	156-2	41789	41200	41949	41646	0.95	cps
Erbium	164-1	47474	49976	49300	48916	2.65	cps
Erbium	164-2	30493	30086	29595	30058	1.50	cps
Gadolinium	160-1	53170	53381	54378	53643	1.20	cps
Gadolinium	160-2	35328	35164	35091	35194	0.35	cps
Holmium	165-1	6352535	6547778	6481572	6460628	1.54	cps
Holmium	165-2	4035466	4030166	3985558	4017063	0.68	cps
Indium	115-1	4350987	4395262	4417468	4387906	0.77	cps
Indium	115-2	1303196	1291261	1277099	1290518	1.01	cps
Iron	56-2	153395804	153078684	152806288	153093592	0.19	cps
Iron	57-2	3859353	3780245	3810054	3816551	1.05	cps
Iron	54-2	8382606	8251501	8359041	8331049	0.84	cps
Krypton	83-1	137	130	153	140	8.59	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:28:59	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	490193	500908	502971	498024	1.38	cps
Lead	207-1	435971	440978	447884	441611	1.35	cps
Lead	208-1	1968223	1998905	2011056	1992728	1.11	cps
Lithium	6-1	875437	889214	895284	886645	1.15	cps
Magnesium	24-2	3793875	3763282	3775813	3777657	0.41	cps
Manganese	55-2	5170572	5139463	5173512	5161182	0.37	cps
Molybdenum	94-1	17137	17975	18118	17743	2.99	cps
Molybdenum	95-1	8129	8166	8262	8186	0.84	cps
Molybdenum	96-1	12926	13143	12762	12944	1.47	cps
Molybdenum	97-1	5111	4878	5044	5011	2.40	cps
Molybdenum	98-1	12899	13203	13249	13117	1.45	cps
Neodymium	150-1	93981	94078	96084	94714	1.25	cps
Neodymium	150-2	48744	48122	49309	48725	1.22	cps
Nickel	60-2	47903	48505	48418	48275	0.67	cps
Phosphorus	31-2	22540	22346	22200	22362	0.76	cps
Potassium	39-2	3716844	3680537	3679552	3692311	0.58	cps
Rhodium	103-1	3752788	3807247	3861198	3807078	1.42	cps
Rhodium	103-2	2163693	2099365	2070977	2111345	2.25	cps
Scandium	45-1	2151962	2212923	2209980	2191621	1.57	cps
Scandium	45-2	182464	180177	178147	180263	1.20	cps
Selenium	82-1	303	334	287	308	7.74	cps
Selenium	77-2	100	73	103	92	17.83	cps
Selenium	78-2	180	237	217	211	13.61	cps
Silicon	28-1	6180062	6279625	6414958	6291548	1.87	cps
Silver	107-1	5901	6528	6138	6189	5.12	cps
Silver	109-1	5568	5841	5721	5710	2.40	cps
Sodium	23-2	190273	189436	188259	189323	0.53	cps
Strontium	86-1	255091	259039	261669	258600	1.28	cps
Strontium	88-1	2309884	2329309	2343753	2327649	0.73	cps
Sulfur	34-1	126885	133671	134667	131741	3.21	cps
Terbium	159-1	6542113	6594332	6605298	6580581	0.51	cps
Terbium	159-2	3928618	3905635	3904583	3912945	0.35	cps
Thallium	203-1	2290	2500	2407	2399	4.39	cps
Thallium	205-1	6091	5745	6051	5962	3.18	cps
Tin	118-1	19043	19376	19129	19183	0.90	cps
Titanium	47-1	612803	632586	635581	626990	1.97	cps

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LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:28:59	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25548	25451	24930	25310	1.31	cps
Vanadium	51-2	269721	268956	267705	268794	0.38	cps
Yttrium	89-1	7589021	7570372	7679562	7612985	0.77	cps
Yttrium	89-2	1776413	1770107	1760021	1768847	0.47	cps
Zinc	66-2	135316	132649	134327	134098	1.01	cps
Zirconium	90-1	33438	35323	34695	34485	2.78	cps
Zirconium	91-1	7629	7842	7772	7748	1.40	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:32:15	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5128294	5167146	5187123	5160854	0.58	cps
Antimony	121-1	13627	13687	13607	13640	0.31	cps
Arsenic	75-2	20985	21489	21382	21285	1.25	cps
Barium	135-1	718049	730242	733321	727204	1.11	cps
Barium	137-1	1243880	1268602	1271234	1261239	1.20	cps
Beryllium	9-1	1623	1687	1710	1673	2.68	cps
Bismuth	209-1	3732403	3803247	3837317	3790989	1.41	cps
Bismuth	209-2	2794490	2769059	2791386	2784978	0.50	cps
Bromine	81-1	9053	8963	9463	9160	2.91	cps
Bromine	81-2	650	640	697	662	4.57	cps
Cadmium	108-1	337	347	343	342	1.49	cps
Cadmium	106-1	2280	2424	2274	2326	3.64	cps
Cadmium	111-1	4701	4911	4678	4763	2.69	cps
Calcium	43-1	327198	331596	337164	331986	1.50	cps
Calcium	44-1	4987815	5036174	5069242	5031077	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	148920	147991	147694	148202	0.43	cps
Cobalt	59-2	116511	115090	115114	115572	0.70	cps
Copper	63-2	684553	681002	681589	682381	0.28	cps
Dysprosium	156-1	58839	59629	59833	59434	0.88	cps
Dysprosium	156-2	44808	44279	45192	44760	1.02	cps
Erbium	164-1	49193	49567	51033	49931	1.95	cps
Erbium	164-2	32297	31091	31095	31494	2.21	cps
Gadolinium	160-1	54776	55570	56938	55761	1.96	cps
Gadolinium	160-2	37500	37132	36253	36962	1.73	cps
Holmium	165-1	5874893	5979663	5981092	5945216	1.02	cps
Holmium	165-2	3841118	3898822	3824648	3854863	1.01	cps
Indium	115-1	4041163	4154524	4125957	4107215	1.44	cps
Indium	115-2	1223451	1225792	1224789	1224677	0.10	cps
Iron	56-2	144282768	143584048	142126711	143331176	0.77	cps
Iron	57-2	3583786	3498007	3520364	3534052	1.26	cps
Iron	54-2	7761292	7774026	7802976	7779431	0.27	cps
Krypton	83-1	167	117	113	132	22.60	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:32:15	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	597180	615178	617785	610048	1.84	cps
Lead	207-1	533331	547567	551303	544067	1.74	cps
Lead	208-1	2405157	2462291	2484622	2450690	1.67	cps
Lithium	6-1	832642	851249	858531	847474	1.58	cps
Magnesium	24-2	3450436	3427091	3464919	3447482	0.55	cps
Manganese	55-2	4040797	4013465	4085293	4046518	0.90	cps
Molybdenum	94-1	32098	32924	33582	32868	2.26	cps
Molybdenum	95-1	5394	5208	5391	5331	2.00	cps
Molybdenum	96-1	12492	12425	12599	12505	0.70	cps
Molybdenum	97-1	3137	3367	3350	3285	3.91	cps
Molybdenum	98-1	8419	8259	8272	8317	1.07	cps
Neodymium	150-1	100122	100454	102429	101002	1.23	cps
Neodymium	150-2	54056	53548	53969	53858	0.51	cps
Nickel	60-2	46184	45633	45345	45721	0.93	cps
Phosphorus	31-2	16119	16235	15902	16085	1.05	cps
Potassium	39-2	3027269	2989234	2999195	3005233	0.66	cps
Rhodium	103-1	3501631	3599251	3565653	3555512	1.39	cps
Rhodium	103-2	1993519	1969578	1986873	1983324	0.62	cps
Scandium	45-1	2004240	2087133	2085437	2058937	2.30	cps
Scandium	45-2	169947	170318	170793	170353	0.25	cps
Selenium	82-1	210	327	319	285	22.88	cps
Selenium	77-2	107	113	120	113	5.88	cps
Selenium	78-2	213	240	207	220	8.02	cps
Silicon	28-1	6860820	7022391	6977822	6953678	1.20	cps
Silver	107-1	6118	6775	6645	6513	5.34	cps
Silver	109-1	6041	6005	6231	6092	2.00	cps
Sodium	23-2	114421	115388	115176	114995	0.44	cps
Strontium	86-1	183835	185901	187143	185626	0.90	cps
Strontium	88-1	1640020	1687390	1718003	1681804	2.34	cps
Sulfur	34-1	111926	111258	111496	111560	0.30	cps
Terbium	159-1	5962805	6135422	6091766	6063331	1.48	cps
Terbium	159-2	3733168	3720043	3758104	3737105	0.52	cps
Thallium	203-1	2107	2350	2400	2286	6.87	cps
Thallium	205-1	5414	5464	5374	5418	0.83	cps
Tin	118-1	86149	89891	88375	88138	2.14	cps
Titanium	47-1	663515	679271	679850	674212	1.37	cps

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LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:32:15	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22369	22506	22906	22594	1.24	cps
Vanadium	51-2	246389	244679	245821	245630	0.35	cps
Yttrium	89-1	7030873	7159757	7212363	7134331	1.31	cps
Yttrium	89-2	1682088	1675919	1680784	1679597	0.19	cps
Zinc	66-2	151197	149876	150590	150554	0.44	cps
Zirconium	90-1	79963	81280	81742	80995	1.14	cps
Zirconium	91-1	17581	18188	18388	18052	2.33	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:35:27	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4940569	5019976	4981791	4980779	0.80	cps
Antimony	121-1	12789	12789	13019	12866	1.03	cps
Arsenic	75-2	17694	17370	17677	17581	1.04	cps
Barium	135-1	691113	699869	703918	698300	0.94	cps
Barium	137-1	1199043	1219698	1220024	1212922	0.99	cps
Beryllium	9-1	1550	1723	1660	1645	5.33	cps
Bismuth	209-1	3719208	3556833	3868992	3715011	4.20	cps
Bismuth	209-2	2838674	2822479	2802148	2821100	0.65	cps
Bromine	81-1	8916	9216	9166	9100	1.77	cps
Bromine	81-2	627	697	670	664	5.32	cps
Cadmium	108-1	267	273	323	288	10.76	cps
Cadmium	106-1	2307	2220	2327	2285	2.48	cps
Cadmium	111-1	4779	4727	4706	4737	0.79	cps
Calcium	43-1	313285	316352	318824	316154	0.88	cps
Calcium	44-1	4714427	4806795	4868161	4796461	1.61	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145473	145258	146082	145604	0.29	cps
Cobalt	59-2	111003	111671	111070	111248	0.33	cps
Copper	63-2	654966	660447	660766	658726	0.49	cps
Dysprosium	156-1	55345	57363	57979	56896	2.42	cps
Dysprosium	156-2	43032	43614	44099	43582	1.23	cps
Erbium	164-1	46798	48092	49123	48004	2.43	cps
Erbium	164-2	31435	30012	29905	30451	2.81	cps
Gadolinium	160-1	52565	54619	54743	53976	2.27	cps
Gadolinium	160-2	36090	35632	35719	35813	0.68	cps
Holmium	165-1	5856516	5668231	6183255	5902667	4.41	cps
Holmium	165-2	3888032	3829528	3838125	3851895	0.82	cps
Indium	115-1	4100949	3816742	4240890	4052860	5.33	cps
Indium	115-2	1234549	1228866	1222959	1228792	0.47	cps
Iron	56-2	137202185	137486495	137616725	137435135	0.15	cps
Iron	57-2	3432455	3417627	3418884	3422988	0.24	cps
Iron	54-2	7462661	7452712	7500465	7471946	0.34	cps
Krypton	83-1	137	153	113	134	14.95	cps

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LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:35:27	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	564505	576362	575358	572075	1.15	cps
Lead	207-1	502303	513411	518989	511568	1.66	cps
Lead	208-1	2268534	2308962	2330867	2302787	1.37	cps
Lithium	6-1	845041	802279	866709	838010	3.91	cps
Magnesium	24-2	3408430	3383068	3428717	3406738	0.67	cps
Manganese	55-2	3738872	3751300	3731830	3740667	0.26	cps
Molybdenum	94-1	26401	26194	26638	26411	0.84	cps
Molybdenum	95-1	4717	4707	4744	4723	0.40	cps
Molybdenum	96-1	10487	11028	11018	10844	2.85	cps
Molybdenum	97-1	2967	3070	2900	2979	2.88	cps
Molybdenum	98-1	7259	7449	7615	7441	2.40	cps
Neodymium	150-1	96709	98833	99901	98481	1.65	cps
Neodymium	150-2	53631	52601	52410	52881	1.24	cps
Nickel	60-2	45087	44579	43994	44554	1.23	cps
Phosphorus	31-2	15488	15698	15712	15633	0.80	cps
Potassium	39-2	2976628	2982054	2976615	2978432	0.11	cps
Rhodium	103-1	3533247	3343656	3601725	3492876	3.83	cps
Rhodium	103-2	1976971	1969122	1959109	1968400	0.45	cps
Scandium	45-1	2028919	1912224	2075431	2005525	4.19	cps
Scandium	45-2	169364	170736	168508	169536	0.66	cps
Selenium	82-1	267	237	274	259	7.67	cps
Selenium	77-2	107	100	93	100	6.67	cps
Selenium	78-2	230	243	240	238	2.92	cps
Silicon	28-1	7765077	7882278	7937886	7861747	1.12	cps
Silver	107-1	6245	6228	6281	6251	0.44	cps
Silver	109-1	6065	6191	6191	6149	1.19	cps
Sodium	23-2	110073	110768	111037	110626	0.45	cps
Strontium	86-1	169759	173310	173414	172161	1.21	cps
Strontium	88-1	1535390	1572613	1547570	1551858	1.22	cps
Sulfur	34-1	111570	112725	112779	112358	0.61	cps
Terbium	159-1	6007833	5802450	6187040	5999108	3.21	cps
Terbium	159-2	3799883	3758348	3713246	3757159	1.15	cps
Thallium	203-1	2144	2207	2200	2184	1.59	cps
Thallium	205-1	5184	5311	5204	5233	1.30	cps
Tin	118-1	26191	25994	26588	26257	1.15	cps
Titanium	47-1	665341	682582	678435	675453	1.33	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:35:27	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21143	21421	21721	21428	1.35	cps
Vanadium	51-2	239131	239404	237733	238756	0.38	cps
Yttrium	89-1	6984005	6730574	7193779	6969453	3.33	cps
Yttrium	89-2	1702031	1674186	1686971	1687729	0.83	cps
Zinc	66-2	140987	141412	143814	142071	1.07	cps
Zirconium	90-1	61686	64343	63868	63299	2.24	cps
Zirconium	91-1	14260	14257	14818	14445	2.23	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:38:42	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3955457	3886332	3917994	3919928	0.88	cps
Antimony	121-1	5374	5451	5311	5379	1.30	cps
Arsenic	75-2	8733	8526	8429	8563	1.81	cps
Barium	135-1	483460	477173	490251	483628	1.35	cps
Barium	137-1	822118	848982	838376	836492	1.62	cps
Beryllium	9-1	1220	1243	1283	1249	2.56	cps
Bismuth	209-1	4078278	3975966	3980232	4011492	1.44	cps
Bismuth	209-2	2894096	2929892	2930829	2918272	0.72	cps
Bromine	81-1	6568	6515	6805	6629	2.33	cps
Bromine	81-2	163	187	223	191	15.83	cps
Cadmium	108-1	163	183	147	164	11.16	cps
Cadmium	106-1	2254	2244	2297	2265	1.25	cps
Cadmium	111-1	2350	2289	2195	2278	3.42	cps
Calcium	43-1	196892	200434	199446	198924	0.92	cps
Calcium	44-1	2998992	3016093	3040246	3018444	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	108496	106140	106747	107128	1.14	cps
Cobalt	59-2	93609	94374	93723	93902	0.44	cps
Copper	63-2	273102	271569	275211	273294	0.67	cps
Dysprosium	156-1	68268	67186	69695	68383	1.84	cps
Dysprosium	156-2	52641	52658	52705	52668	0.06	cps
Erbium	164-1	51615	51595	52572	51927	1.08	cps
Erbium	164-2	32815	32080	32695	32530	1.21	cps
Gadolinium	160-1	57353	57611	58210	57725	0.76	cps
Gadolinium	160-2	38205	37938	37029	37724	1.63	cps
Holmium	165-1	6634534	6302761	6703065	6546787	3.27	cps
Holmium	165-2	4051040	4058227	4028222	4045829	0.39	cps
Indium	115-1	4548686	4363969	4482740	4465132	2.10	cps
Indium	115-2	1282084	1303133	1279141	1288119	1.02	cps
Iron	56-2	138787005	138112291	138751888	138550395	0.27	cps
Iron	57-2	3454873	3409760	3449123	3437919	0.71	cps
Iron	54-2	7575359	7542423	7516682	7544821	0.39	cps
Krypton	83-1	133	147	157	146	8.04	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:38:42	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	190697	188221	192748	190555	1.19	cps
Lead	207-1	140244	145987	141938	142723	2.07	cps
Lead	208-1	674937	684573	682873	680795	0.76	cps
Lithium	6-1	873296	861377	865982	866885	0.69	cps
Magnesium	24-2	2903838	2869405	2866907	2880050	0.72	cps
Manganese	55-2	2477310	2464774	2465935	2469340	0.28	cps
Molybdenum	94-1	37053	37314	36990	37119	0.46	cps
Molybdenum	95-1	5061	5291	5194	5182	2.23	cps
Molybdenum	96-1	13339	13276	13443	13353	0.63	cps
Molybdenum	97-1	3337	3357	3270	3322	1.37	cps
Molybdenum	98-1	8056	8216	8252	8175	1.28	cps
Neodymium	150-1	122161	125670	125206	124346	1.53	cps
Neodymium	150-2	65424	65665	65541	65543	0.18	cps
Nickel	60-2	26931	27181	26537	26883	1.21	cps
Phosphorus	31-2	12695	12462	12392	12516	1.27	cps
Potassium	39-2	1844473	1830207	1822594	1832425	0.61	cps
Rhodium	103-1	3859058	3872234	3776719	3836004	1.35	cps
Rhodium	103-2	2091433	2125463	2114208	2110368	0.82	cps
Scandium	45-1	2211535	2109780	2148388	2156568	2.38	cps
Scandium	45-2	174446	179232	176296	176658	1.37	cps
Selenium	82-1	210	234	182	208	12.49	cps
Selenium	77-2	117	157	130	134	15.15	cps
Selenium	78-2	193	217	217	209	6.45	cps
Silicon	28-1	7536966	7590534	7704163	7610554	1.12	cps
Silver	107-1	1483	1383	1467	1445	3.71	cps
Silver	109-1	1297	1337	1400	1345	3.88	cps
Sodium	23-2	130188	129210	129287	129562	0.42	cps
Strontium	86-1	133956	139126	138161	137081	2.01	cps
Strontium	88-1	1171890	1192510	1197811	1187404	1.15	cps
Sulfur	34-1	99675	98173	99390	99079	0.81	cps
Terbium	159-1	6513328	6689531	6448397	6550419	1.90	cps
Terbium	159-2	3920957	3909015	3902405	3910792	0.24	cps
Thallium	203-1	1407	1360	1483	1417	4.40	cps
Thallium	205-1	3277	3290	3104	3224	3.23	cps
Tin	118-1	19657	20788	19927	20124	2.94	cps
Titanium	47-1	962644	980963	981837	975148	1.11	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:38:42	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	60048	62566	60942	61185	2.09	cps
Vanadium	51-2	294061	291116	293824	293000	0.56	cps
Yttrium	89-1	7588076	7556711	7533121	7559302	0.36	cps
Yttrium	89-2	1789337	1782335	1793122	1788265	0.31	cps
Zinc	66-2	68268	67803	68215	68095	0.37	cps
Zirconium	90-1	94247	93461	94387	94032	0.53	cps
Zirconium	91-1	20778	21292	20795	20955	1.39	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:41:54	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4832824	4850759	4933025	4872203	1.10	cps
Antimony	121-1	2660301	2675766	2704803	2680290	0.84	cps
Arsenic	75-2	104910	105670	107750	106110	1.39	cps
Barium	135-1	3735245	3760413	3844726	3780128	1.52	cps
Barium	137-1	6483407	6621392	6705171	6603323	1.70	cps
Beryllium	9-1	401307	407944	414064	407772	1.56	cps
Bismuth	209-1	3170513	3472732	3428506	3357250	4.86	cps
Bismuth	209-2	2555030	2581485	2537133	2557883	0.87	cps
Bromine	81-1	5765	5631	5538	5644	2.02	cps
Bromine	81-2	70	70	43	61	25.20	cps
Cadmium	108-1	45113	46828	46340	46094	1.92	cps
Cadmium	106-1	65664	66126	67780	66523	1.67	cps
Cadmium	111-1	608084	609916	622058	613353	1.24	cps
Calcium	43-1	2942731	2984268	3067545	2998182	2.12	cps
Calcium	44-1	47320403	48143001	48309484	47924296	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	825031	829988	832251	829090	0.45	cps
Cobalt	59-2	1224705	1232461	1248236	1235134	0.97	cps
Copper	63-2	8712035	8778717	8831285	8774012	0.68	cps
Dysprosium	156-1	247	267	220	244	9.58	cps
Dysprosium	156-2	267	233	267	256	7.53	cps
Erbium	164-1	107	173	143	141	23.66	cps
Erbium	164-2	100	103	97	100	3.33	cps
Gadolinium	160-1	133	123	177	144	19.62	cps
Gadolinium	160-2	270	217	250	246	10.97	cps
Holmium	165-1	5210108	5751345	5693203	5551552	5.35	cps
Holmium	165-2	3738235	3761187	3737473	3745632	0.36	cps
Indium	115-1	3421574	3676538	3709552	3602555	4.37	cps
Indium	115-2	1133709	1123146	1136912	1131256	0.64	cps
Iron	56-2	185159264	184922531	187022104	185701299	0.62	cps
Iron	57-2	4629641	4632708	4689290	4650547	0.72	cps
Iron	54-2	10093886	10093308	10203679	10130291	0.63	cps
Krypton	83-1	80	90	113	94	18.12	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:41:54	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11865766	12074155	12190152	12043358	1.36	cps
Lead	207-1	10421255	10767536	10795010	10661267	1.95	cps
Lead	208-1	47457974	48710002	49285185	48484387	1.93	cps
Lithium	6-1	696930	760283	766449	741221	5.19	cps
Magnesium	24-2	40685834	40548338	41023925	40752699	0.60	cps
Manganese	55-2	6410527	6419333	6500293	6443385	0.77	cps
Molybdenum	94-1	8990965	9081678	9175051	9082565	1.01	cps
Molybdenum	95-1	13002252	13121539	13159957	13094583	0.63	cps
Molybdenum	96-1	14214761	14290847	14392126	14299245	0.62	cps
Molybdenum	97-1	8225563	8236707	8348784	8270351	0.82	cps
Molybdenum	98-1	21309229	21564842	21639420	21504497	0.81	cps
Neodymium	150-1	387	327	413	376	11.82	cps
Neodymium	150-2	100	107	97	101	5.04	cps
Nickel	60-2	300007	301934	304598	302180	0.76	cps
Phosphorus	31-2	47039	46256	47376	46890	1.23	cps
Potassium	39-2	23636175	23691133	24109123	23812144	1.09	cps
Rhodium	103-1	2907520	3152731	3146397	3068883	4.55	cps
Rhodium	103-2	1773157	1763596	1789086	1775280	0.73	cps
Scandium	45-1	1636509	1780511	1785594	1734205	4.88	cps
Scandium	45-2	151666	151818	152182	151889	0.17	cps
Selenium	82-1	33674	33804	33990	33823	0.47	cps
Selenium	77-2	3164	3107	3130	3134	0.91	cps
Selenium	78-2	10357	10674	10544	10525	1.51	cps
Silicon	28-1	8063007	8087444	8230257	8126903	1.11	cps
Silver	107-1	3002096	2976946	3039370	3006137	1.04	cps
Silver	109-1	2884691	2878482	2953437	2905536	1.43	cps
Sodium	23-2	65111864	65218377	65186841	65172361	0.08	cps
Strontium	86-1	19755883	19882048	20404556	20014163	1.72	cps
Strontium	88-1	174005484	175840451	178966311	176270748	1.42	cps
Sulfur	34-1	274029	274345	272278	273551	0.41	cps
Terbium	159-1	5278966	5813078	5717183	5603076	5.08	cps
Terbium	159-2	3628805	3649103	3631491	3636466	0.30	cps
Thallium	203-1	2922529	2988371	3007174	2972691	1.50	cps
Thallium	205-1	7070552	7212795	7280563	7187970	1.49	cps
Tin	118-1	2273807	2308466	2322959	2301744	1.10	cps
Titanium	47-1	2781575	2822280	2851523	2818459	1.25	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV057	Instrumnet Name :	P7
Client Sample ID :	CCV057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:41:54	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10497857	10742674	10842714	10694415	1.66	cps
Vanadium	51-2	750856	752423	757269	753516	0.44	cps
Yttrium	89-1	5557042	6074826	6092514	5908127	5.15	cps
Yttrium	89-2	1450998	1467660	1490884	1469847	1.36	cps
Zinc	66-2	1428915	1429353	1443096	1433788	0.56	cps
Zirconium	90-1	4247292	4247115	4327888	4274098	1.09	cps
Zirconium	91-1	930647	943173	957195	943671	1.41	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:44:47	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287	293	277	286	2.94	cps
Antimony	121-1	2537	2540	2554	2544	0.35	cps
Arsenic	75-2	0	23	13	12	95.78	cps
Barium	135-1	163	183	180	176	6.10	cps
Barium	137-1	343	260	283	296	14.55	cps
Beryllium	9-1	227	127	127	160	36.08	cps
Bismuth	209-1	4055468	4098028	4247313	4133603	2.44	cps
Bismuth	209-2	3085109	3077803	3053953	3072288	0.53	cps
Bromine	81-1	6018	6278	6268	6188	2.38	cps
Bromine	81-2	37	37	33	36	5.42	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	1873	1790	1780	1815	2.82	cps
Cadmium	111-1	1363	1280	1282	1309	3.62	cps
Calcium	43-1	293	263	177	244	24.78	cps
Calcium	44-1	5011	4317	4187	4505	9.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297	327	293	306	6.01	cps
Cobalt	59-2	100	127	97	108	15.26	cps
Copper	63-2	1157	1280	1387	1275	9.03	cps
Dysprosium	156-1	60	63	73	66	10.58	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	30	27	33	30	11.10	cps
Erbium	164-2	23	7	10	13	66.12	cps
Gadolinium	160-1	20	17	33	23	37.78	cps
Gadolinium	160-2	163	150	150	154	4.99	cps
Holmium	165-1	6212346	6175135	6566403	6317961	3.42	cps
Holmium	165-2	4046351	4107638	4038039	4064009	0.94	cps
Indium	115-1	4331675	4329589	4504788	4388684	2.29	cps
Indium	115-2	1331641	1338249	1343924	1337938	0.46	cps
Iron	56-2	14407	14714	14941	14687	1.82	cps
Iron	57-2	780	763	843	796	5.31	cps
Iron	54-2	1347	1383	1257	1329	4.90	cps
Krypton	83-1	60	83	107	83	28.00	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:44:47	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1887	1630	1530	1682	10.94	cps
Lead	207-1	1633	1503	1320	1486	10.60	cps
Lead	208-1	7381	6734	6257	6791	8.30	cps
Lithium	6-1	838319	850994	858061	849125	1.18	cps
Magnesium	24-2	1717	1847	1743	1769	3.88	cps
Manganese	55-2	487	543	513	514	5.51	cps
Molybdenum	94-1	1437	1060	1080	1192	17.78	cps
Molybdenum	95-1	1093	810	797	900	18.62	cps
Molybdenum	96-1	1207	987	997	1063	11.68	cps
Molybdenum	97-1	697	633	497	609	16.79	cps
Molybdenum	98-1	1730	1283	1310	1441	17.39	cps
Neodymium	150-1	7	0	3	3	100.05	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	60	43	53	52	16.07	cps
Phosphorus	31-2	70	77	83	77	8.69	cps
Potassium	39-2	29846	28961	29058	29288	1.66	cps
Rhodium	103-1	3722242	3763052	3990259	3825184	3.78	cps
Rhodium	103-2	2202803	2181641	2188683	2191042	0.49	cps
Scandium	45-1	1982308	1964805	2060352	2002488	2.54	cps
Scandium	45-2	170510	170301	171966	170926	0.53	cps
Selenium	82-1	151	111	158	140	18.25	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	70	83	137	97	36.50	cps
Silicon	28-1	119111	119517	126184	121604	3.27	cps
Silver	107-1	493	403	427	441	10.59	cps
Silver	109-1	477	357	363	399	16.91	cps
Sodium	23-2	21622	20878	21091	21197	1.81	cps
Strontium	86-1	1003	727	667	799	22.48	cps
Strontium	88-1	7692	5361	4821	5958	25.61	cps
Sulfur	34-1	109354	109237	114179	110923	2.54	cps
Terbium	159-1	6222454	6326610	6628431	6392498	3.30	cps
Terbium	159-2	3936936	3974283	3935284	3948834	0.56	cps
Thallium	203-1	527	480	413	473	12.03	cps
Thallium	205-1	1523	1247	937	1236	23.75	cps
Tin	118-1	6041	6231	6645	6306	4.89	cps
Titanium	47-1	223	197	183	201	10.13	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB057	Instrumnet Name :	P7
Client Sample ID :	CCB057	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 16:44:47	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	443	360	277	360	23.15	cps
Vanadium	51-2	43	43	40	42	4.55	cps
Yttrium	89-1	6627464	6756934	7099749	6828049	3.57	cps
Yttrium	89-2	1655977	1701103	1669186	1675422	1.38	cps
Zinc	66-2	210	173	157	180	15.16	cps
Zirconium	90-1	2057	1480	1510	1682	19.30	cps
Zirconium	91-1	423	337	340	367	13.39	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:33:07	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	37	43	56	48.87	cps
Antimony	121-1	57	90	63	70	25.20	cps
Arsenic	75-2	0	7	3	3	100.05	cps
Barium	135-1	47	17	27	30	50.91	cps
Barium	137-1	47	60	53	53	12.50	cps
Beryllium	9-1	57	70	47	58	20.26	cps
Bismuth	209-1	4242833	4162233	4231392	4212153	1.04	cps
Bismuth	209-2	3102903	3109833	3140219	3117651	0.64	cps
Bromine	81-1	7435	7549	7389	7458	1.10	cps
Bromine	81-2	70	17	63	50	58.11	cps
Cadmium	108-1	7	17	10	11	45.82	cps
Cadmium	106-1	2047	1810	1890	1916	6.29	cps
Cadmium	111-1	1428	1259	1319	1335	6.43	cps
Calcium	43-1	163	153	157	158	3.23	cps
Calcium	44-1	2354	2420	2414	2396	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	267	310	253	277	10.71	cps
Cobalt	59-2	53	47	67	56	18.33	cps
Copper	63-2	647	663	667	659	1.63	cps
Dysprosium	156-1	60	47	50	52	13.28	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	30	13	27	23	37.81	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-1	20	17	3	13	66.16	cps
Gadolinium	160-2	193	167	190	183	7.93	cps
Holmium	165-1	6644847	6551324	6592996	6596389	0.71	cps
Holmium	165-2	4241803	4159108	4210693	4203868	0.99	cps
Indium	115-1	4819561	4785441	4886837	4830613	1.07	cps
Indium	115-2	1436785	1436658	1431729	1435057	0.20	cps
Iron	56-2	5811	5761	5905	5826	1.25	cps
Iron	57-2	527	580	643	583	10.01	cps
Iron	54-2	1063	907	983	984	7.96	cps
Krypton	83-1	70	100	73	81	20.27	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:33:07	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	280	367	350	332	13.84	cps
Lead	207-1	287	260	273	273	4.88	cps
Lead	208-1	1183	1277	1313	1258	5.33	cps
Lithium	6-1	875481	882062	895368	884304	1.15	cps
Magnesium	24-2	670	613	613	632	5.18	cps
Manganese	55-2	217	163	163	181	17.00	cps
Molybdenum	94-1	113	173	110	132	26.96	cps
Molybdenum	95-1	37	47	13	32	53.10	cps
Molybdenum	96-1	57	73	97	76	26.59	cps
Molybdenum	97-1	27	10	40	26	58.81	cps
Molybdenum	98-1	53	73	67	64	15.80	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	53	43	51	13.58	cps
Phosphorus	31-2	80	87	50	72	27.04	cps
Potassium	39-2	30177	29318	29595	29697	1.48	cps
Rhodium	103-1	4279357	4275576	4310666	4288533	0.45	cps
Rhodium	103-2	2337713	2355188	2391471	2361458	1.16	cps
Scandium	45-1	2281864	2308456	2324698	2305006	0.94	cps
Scandium	45-2	190451	190936	190224	190537	0.19	cps
Selenium	82-1	211	177	187	192	9.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	103	163	110	126	26.20	cps
Silicon	28-1	130610	132325	132882	131939	0.90	cps
Silver	107-1	117	117	67	100	28.87	cps
Silver	109-1	73	93	87	84	12.06	cps
Sodium	23-2	7138	7302	6792	7077	3.68	cps
Strontium	86-1	153	217	193	188	17.06	cps
Strontium	88-1	127	90	123	113	17.89	cps
Sulfur	34-1	129476	129718	128838	129344	0.35	cps
Terbium	159-1	6713434	6722598	6806268	6747433	0.76	cps
Terbium	159-2	4086401	4081669	4057954	4075341	0.37	cps
Thallium	203-1	107	117	117	113	5.09	cps
Thallium	205-1	247	263	250	253	3.48	cps
Tin	118-1	8019	8366	8349	8245	2.37	cps
Titanium	47-1	43	27	47	39	27.55	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BL	Instrumnet Name :	P7
Client Sample ID :	PBS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:33:07	DataFile Name :	080CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	7	13	12	41.65	cps
Vanadium	51-2	7	7	3	6	34.70	cps
Yttrium	89-1	7776836	7617778	7721067	7705227	1.05	cps
Yttrium	89-2	1865471	1819171	1841916	1842186	1.26	cps
Zinc	66-2	110	110	97	106	7.29	cps
Zirconium	90-1	413	433	400	416	4.04	cps
Zirconium	91-1	77	100	63	80	23.20	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:36:29	DataFile Name :	081LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5201	5228	5214	5214	0.26	cps
Antimony	121-1	26277	26391	26712	26460	0.85	cps
Arsenic	75-2	580	613	543	579	6.05	cps
Barium	135-1	34121	34896	34605	34541	1.13	cps
Barium	137-1	57961	60484	59638	59361	2.16	cps
Beryllium	9-1	1977	2184	2073	2078	4.98	cps
Bismuth	209-1	4076363	4175949	4264067	4172126	2.25	cps
Bismuth	209-2	3110957	3109021	3129854	3116611	0.37	cps
Bromine	81-1	7765	7735	7805	7769	0.45	cps
Bromine	81-2	40	57	47	48	17.56	cps
Cadmium	108-1	223	263	260	249	8.92	cps
Cadmium	106-1	2454	2394	2300	2382	3.24	cps
Cadmium	111-1	4962	4832	4809	4867	1.70	cps
Calcium	43-1	15985	15995	16386	16122	1.42	cps
Calcium	44-1	259241	262308	265520	262356	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9817	10377	10023	10072	2.81	cps
Cobalt	59-2	7075	6898	7329	7101	3.05	cps
Copper	63-2	10310	10717	10474	10500	1.95	cps
Dysprosium	156-1	30	37	53	40	30.04	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	30	33	27	30	11.10	cps
Erbium	164-2	23	17	27	22	22.91	cps
Gadolinium	160-1	10	13	20	14	35.26	cps
Gadolinium	160-2	177	147	180	168	10.94	cps
Holmium	165-1	6463386	6634839	6522863	6540363	1.33	cps
Holmium	165-2	4209415	4271790	4250820	4244008	0.75	cps
Indium	115-1	4744822	4802122	4822112	4789685	0.84	cps
Indium	115-2	1439784	1440325	1441143	1440417	0.05	cps
Iron	56-2	835804	844783	841837	840808	0.54	cps
Iron	57-2	21562	21429	21315	21435	0.58	cps
Iron	54-2	46244	46495	47237	46659	1.11	cps
Krypton	83-1	97	103	110	103	6.45	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:36:29	DataFile Name :	081LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10217	10751	10497	10489	2.55	cps
Lead	207-1	9427	9537	9323	9429	1.13	cps
Lead	208-1	42029	43281	42857	42722	1.49	cps
Lithium	6-1	878292	887416	895797	887168	0.99	cps
Magnesium	24-2	220433	222441	223780	222218	0.76	cps
Manganese	55-2	3797	3831	3934	3854	1.85	cps
Molybdenum	94-1	25779	25826	26260	25955	1.02	cps
Molybdenum	95-1	30979	32022	31754	31585	1.71	cps
Molybdenum	96-1	34474	35436	35837	35249	1.99	cps
Molybdenum	97-1	19226	20615	19793	19878	3.51	cps
Molybdenum	98-1	51330	51524	51343	51399	0.21	cps
Neodymium	150-1	3	7	17	9	78.08	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1883	1760	1867	1837	3.64	cps
Phosphorus	31-2	90	80	83	84	6.03	cps
Potassium	39-2	293812	290517	291332	291887	0.59	cps
Rhodium	103-1	4201922	4290209	4300104	4264078	1.27	cps
Rhodium	103-2	2332660	2359995	2355469	2349375	0.62	cps
Scandium	45-1	2284198	2286790	2348270	2306419	1.57	cps
Scandium	45-2	192644	190181	191982	191602	0.67	cps
Selenium	82-1	1123	1073	1044	1080	3.69	cps
Selenium	77-2	103	77	60	80	27.32	cps
Selenium	78-2	407	443	460	437	6.25	cps
Silicon	28-1	198804	201125	201493	200474	0.73	cps
Silver	107-1	15221	16036	15762	15673	2.64	cps
Silver	109-1	14270	14591	14744	14535	1.66	cps
Sodium	23-2	353973	352912	353570	353485	0.15	cps
Strontium	86-1	4171	4237	4054	4154	2.23	cps
Strontium	88-1	35529	35299	36094	35641	1.15	cps
Sulfur	34-1	132600	131275	132448	132107	0.55	cps
Terbium	159-1	6570523	6743722	6795096	6703113	1.76	cps
Terbium	159-2	4072525	4124706	4059907	4085712	0.84	cps
Thallium	203-1	12482	13163	12946	12864	2.70	cps
Thallium	205-1	30371	30538	31389	30766	1.78	cps
Tin	118-1	8333	8072	8626	8344	3.32	cps
Titanium	47-1	7292	7352	7669	7437	2.72	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BS	Instrumnet Name :	P7
Client Sample ID :	LCS776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:36:29	DataFile Name :	081LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40381	40916	40772	40690	0.68	cps
Vanadium	51-2	19236	20070	20033	19780	2.38	cps
Yttrium	89-1	7465859	7629694	7691398	7595651	1.53	cps
Yttrium	89-2	1838949	1855047	1846987	1846994	0.44	cps
Zinc	66-2	4181	4281	4411	4291	2.69	cps
Zirconium	90-1	21249	22628	22614	22163	3.57	cps
Zirconium	91-1	4844	4968	4727	4846	2.48	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:39:49	DataFile Name :	082LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2510	2460	2387	2452	2.53	cps
Antimony	121-1	12579	12385	12412	12459	0.84	cps
Arsenic	75-2	210	277	267	251	14.32	cps
Barium	135-1	15408	15922	16199	15843	2.53	cps
Barium	137-1	27834	27433	28018	27762	1.08	cps
Beryllium	9-1	987	933	1047	989	5.73	cps
Bismuth	209-1	4204253	4162296	4268187	4211579	1.27	cps
Bismuth	209-2	3112310	3110020	3102299	3108210	0.17	cps
Bromine	81-1	7489	7412	7692	7531	1.92	cps
Bromine	81-2	40	50	50	47	12.37	cps
Cadmium	108-1	50	23	30	34	40.30	cps
Cadmium	106-1	1977	1940	2044	1987	2.64	cps
Cadmium	111-1	1669	1628	1749	1682	3.66	cps
Calcium	43-1	7248	7659	7902	7603	4.35	cps
Calcium	44-1	121169	123487	125161	123272	1.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4447	4347	4437	4411	1.25	cps
Cobalt	59-2	3507	3217	3347	3357	4.33	cps
Copper	63-2	5221	5401	5151	5258	2.45	cps
Dysprosium	156-1	33	37	27	32	15.80	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	20	43	27	30	40.05	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	33	20	10	21	55.45	cps
Gadolinium	160-2	180	177	187	181	2.81	cps
Holmium	165-1	6559349	6600049	6721976	6627125	1.28	cps
Holmium	165-2	4250210	4231681	4263573	4248488	0.38	cps
Indium	115-1	4738565	4789632	4756216	4761471	0.54	cps
Indium	115-2	1439606	1438600	1421670	1433292	0.70	cps
Iron	56-2	394524	393741	389745	392670	0.65	cps
Iron	57-2	10864	10427	10597	10629	2.07	cps
Iron	54-2	22327	21896	22150	22124	0.98	cps
Krypton	83-1	110	107	70	96	23.23	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:39:49	DataFile Name :	082LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5084	4978	5394	5152	4.20	cps
Lead	207-1	4497	4387	4654	4513	2.97	cps
Lead	208-1	20066	20460	21193	20573	2.78	cps
Lithium	6-1	886681	892664	894668	891338	0.47	cps
Magnesium	24-2	104163	104273	103656	104031	0.32	cps
Manganese	55-2	1847	1763	1777	1796	2.49	cps
Molybdenum	94-1	12512	12582	12449	12514	0.53	cps
Molybdenum	95-1	14427	14267	14304	14333	0.59	cps
Molybdenum	96-1	16256	16503	16593	16450	1.06	cps
Molybdenum	97-1	9136	8893	9410	9146	2.83	cps
Molybdenum	98-1	23599	24477	24374	24150	1.99	cps
Neodymium	150-1	7	3	10	7	50.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	867	970	900	912	5.78	cps
Phosphorus	31-2	97	80	77	84	12.69	cps
Potassium	39-2	151552	151804	150562	151306	0.43	cps
Rhodium	103-1	4314368	4250820	4323053	4296080	0.92	cps
Rhodium	103-2	2360417	2358504	2361153	2360025	0.06	cps
Scandium	45-1	2332784	2334718	2330388	2332630	0.09	cps
Scandium	45-2	189782	190605	192104	190830	0.62	cps
Selenium	82-1	579	587	661	609	7.41	cps
Selenium	77-2	33	10	37	27	54.49	cps
Selenium	78-2	293	220	243	252	14.86	cps
Silicon	28-1	160480	159759	162207	160815	0.78	cps
Silver	107-1	7212	7655	7295	7387	3.19	cps
Silver	109-1	6748	6962	7142	6951	2.83	cps
Sodium	23-2	169168	169734	167513	168805	0.68	cps
Strontium	86-1	1993	2067	1993	2018	2.10	cps
Strontium	88-1	16750	16436	17007	16731	1.71	cps
Sulfur	34-1	130902	129980	130054	130312	0.39	cps
Terbium	159-1	6624150	6648128	6711669	6661316	0.68	cps
Terbium	159-2	4095113	4104671	4126471	4108752	0.39	cps
Thallium	203-1	5978	5901	5715	5865	2.31	cps
Thallium	205-1	14144	14331	14348	14274	0.79	cps
Tin	118-1	8349	8483	8513	8448	1.03	cps
Titanium	47-1	3450	3577	3517	3515	1.80	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163776BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD776	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:39:49	DataFile Name :	082LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18793	18960	19574	19109	2.15	cps
Vanadium	51-2	9226	9073	9093	9131	0.91	cps
Yttrium	89-1	7630461	7711694	7662657	7668271	0.53	cps
Yttrium	89-2	1840827	1829589	1814545	1828320	0.72	cps
Zinc	66-2	2050	1970	2007	2009	1.99	cps
Zirconium	90-1	10060	10564	10621	10415	2.96	cps
Zirconium	91-1	2460	2354	2384	2399	2.29	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BL	Instrumnet Name :	P7
Client Sample ID :	PBS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:46:56	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53	53	60	56	6.93	cps
Antimony	121-1	43	37	33	38	13.48	cps
Arsenic	75-2	3	0	3	2	86.60	cps
Barium	135-1	33	43	33	37	15.75	cps
Barium	137-1	63	70	63	66	5.87	cps
Beryllium	9-1	23	47	33	34	34.00	cps
Bismuth	209-1	4109621	4148789	4202088	4153499	1.12	cps
Bismuth	209-2	3048313	3049915	3107356	3068528	1.10	cps
Bromine	81-1	7842	7735	7729	7769	0.82	cps
Bromine	81-2	70	23	47	47	50.00	cps
Cadmium	108-1	17	17	0	11	86.60	cps
Cadmium	106-1	1767	1923	1767	1819	4.97	cps
Cadmium	111-1	1228	1338	1243	1270	4.68	cps
Calcium	43-1	137	140	150	142	4.88	cps
Calcium	44-1	2590	2507	2480	2526	2.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	223	230	257	237	7.45	cps
Cobalt	59-2	33	27	57	39	40.51	cps
Copper	63-2	587	637	610	611	4.09	cps
Dysprosium	156-1	30	47	23	33	36.07	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	23	17	40	27	45.07	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	7	10	13	10	33.30	cps
Gadolinium	160-2	140	150	193	161	17.60	cps
Holmium	165-1	6441292	6545967	6534377	6507212	0.88	cps
Holmium	165-2	4248342	4180611	4194165	4207706	0.85	cps
Indium	115-1	4749016	4761312	4777907	4762745	0.30	cps
Indium	115-2	1439253	1429045	1423074	1430457	0.57	cps
Iron	56-2	6045	5748	5618	5803	3.77	cps
Iron	57-2	677	653	653	661	2.04	cps
Iron	54-2	997	867	953	939	7.05	cps
Krypton	83-1	80	87	93	87	7.69	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BL	Instrumnet Name :	P7
Client Sample ID :	PBS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:46:56	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	307	280	320	302	6.74	cps
Lead	207-1	250	260	293	268	8.47	cps
Lead	208-1	1167	1153	1213	1178	2.67	cps
Lithium	6-1	871440	886249	892752	883480	1.24	cps
Magnesium	24-2	557	627	687	623	10.44	cps
Manganese	55-2	173	177	97	149	30.40	cps
Molybdenum	94-1	123	127	143	131	8.17	cps
Molybdenum	95-1	23	23	43	30	38.49	cps
Molybdenum	96-1	60	70	57	62	11.15	cps
Molybdenum	97-1	13	17	7	12	41.65	cps
Molybdenum	98-1	37	60	47	48	24.50	cps
Neodymium	150-1	0	7	3	3	100.05	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	37	33	67	46	40.30	cps
Phosphorus	31-2	103	113	73	97	21.54	cps
Potassium	39-2	29799	29903	30304	30002	0.89	cps
Rhodium	103-1	4193694	4212940	4240732	4215789	0.56	cps
Rhodium	103-2	2405517	2346784	2397173	2383158	1.33	cps
Scandium	45-1	2311161	2314650	2338306	2321372	0.64	cps
Scandium	45-2	193323	191429	190818	191856	0.68	cps
Selenium	82-1	173	158	151	161	7.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	137	127	117	127	7.89	cps
Silicon	28-1	133401	134060	135364	134275	0.74	cps
Silver	107-1	57	57	57	57	0.00	cps
Silver	109-1	43	63	33	47	32.74	cps
Sodium	23-2	6618	6822	6675	6705	1.57	cps
Strontium	86-1	177	153	180	170	8.54	cps
Strontium	88-1	93	97	107	99	7.02	cps
Sulfur	34-1	131335	129500	128548	129794	1.09	cps
Terbium	159-1	6591103	6646251	6670417	6635923	0.61	cps
Terbium	159-2	4163218	4055287	4061127	4093211	1.48	cps
Thallium	203-1	97	153	77	109	36.52	cps
Thallium	205-1	220	233	247	233	5.71	cps
Tin	118-1	8376	8836	8376	8529	3.12	cps
Titanium	47-1	70	77	83	77	8.69	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BL	Instrumnet Name :	P7
Client Sample ID :	PBS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:46:56	DataFile Name :	083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	17	0	9	94.38	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	7605584	7637911	7689800	7644431	0.56	cps
Yttrium	89-2	1863573	1841876	1829164	1844871	0.94	cps
Zinc	66-2	117	87	70	91	25.96	cps
Zirconium	90-1	303	337	303	314	6.12	cps
Zirconium	91-1	97	70	50	72	32.42	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BS	Instrumnet Name :	P7
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:50:19	DataFile Name :	084LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4954	4984	4907	4949	0.78	cps
Antimony	121-1	25990	26060	26107	26052	0.23	cps
Arsenic	75-2	590	573	520	561	6.52	cps
Barium	135-1	33078	33262	33760	33367	1.06	cps
Barium	137-1	57579	58573	58804	58319	1.12	cps
Beryllium	9-1	2100	2080	2160	2113	1.97	cps
Bismuth	209-1	4125355	4189726	4160069	4158383	0.77	cps
Bismuth	209-2	3089416	3121363	3064817	3091865	0.92	cps
Bromine	81-1	7669	7729	7622	7673	0.70	cps
Bromine	81-2	50	27	37	38	30.98	cps
Cadmium	108-1	293	220	267	260	14.28	cps
Cadmium	106-1	2384	2200	2320	2301	4.05	cps
Cadmium	111-1	4750	4843	5021	4872	2.83	cps
Calcium	43-1	16072	15935	15685	15897	1.23	cps
Calcium	44-1	254914	259413	260189	258172	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10020	9847	9797	9888	1.19	cps
Cobalt	59-2	6885	6828	6915	6876	0.64	cps
Copper	63-2	10394	10344	10220	10319	0.87	cps
Dysprosium	156-1	30	37	23	30	22.23	cps
Dysprosium	156-2	3	0	17	7	132.33	cps
Erbium	164-1	40	7	50	32	70.41	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	23	10	7	13	66.12	cps
Gadolinium	160-2	153	213	173	180	16.97	cps
Holmium	165-1	6540019	6649155	6595245	6594807	0.83	cps
Holmium	165-2	4241994	4162959	4245959	4216971	1.11	cps
Indium	115-1	4864081	4856844	4841171	4854032	0.24	cps
Indium	115-2	1438600	1433873	1436395	1436289	0.16	cps
Iron	56-2	833651	820958	827180	827263	0.77	cps
Iron	57-2	21345	21525	21172	21347	0.83	cps
Iron	54-2	46846	46271	46391	46503	0.65	cps
Krypton	83-1	97	107	153	119	25.44	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BS	Instrumnet Name :	P7
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:50:19	DataFile Name :	084LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10127	10157	10611	10298	2.63	cps
Lead	207-1	9136	9513	9163	9271	2.27	cps
Lead	208-1	41572	42126	42256	41985	0.87	cps
Lithium	6-1	895957	898329	903531	899272	0.43	cps
Magnesium	24-2	220213	218225	219838	219425	0.48	cps
Manganese	55-2	3670	3684	3827	3727	2.33	cps
Molybdenum	94-1	25395	25653	25349	25466	0.64	cps
Molybdenum	95-1	30171	31377	31544	31031	2.41	cps
Molybdenum	96-1	34417	34982	35236	34878	1.20	cps
Molybdenum	97-1	19316	19780	20244	19780	2.35	cps
Molybdenum	98-1	50259	51019	51453	50910	1.19	cps
Neodymium	150-1	7	3	13	8	65.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1940	1823	1707	1823	6.40	cps
Phosphorus	31-2	60	73	97	77	24.21	cps
Potassium	39-2	289663	287512	289363	288846	0.40	cps
Rhodium	103-1	4290209	4272822	4351511	4304847	0.96	cps
Rhodium	103-2	2358570	2362329	2337205	2352701	0.58	cps
Scandium	45-1	2317117	2356650	2369207	2347658	1.16	cps
Scandium	45-2	194163	193856	193450	193823	0.18	cps
Selenium	82-1	1077	1101	1000	1059	4.99	cps
Selenium	77-2	73	63	80	72	11.62	cps
Selenium	78-2	363	393	470	409	13.45	cps
Silicon	28-1	188907	190783	190938	190209	0.59	cps
Silver	107-1	15055	15432	15795	15427	2.40	cps
Silver	109-1	13800	14711	14664	14392	3.56	cps
Sodium	23-2	347384	346709	346687	346927	0.11	cps
Strontium	86-1	4221	4174	4204	4200	0.56	cps
Strontium	88-1	35135	35670	35533	35446	0.78	cps
Sulfur	34-1	130299	129261	130313	129958	0.46	cps
Terbium	159-1	6698807	6760790	6752040	6737213	0.50	cps
Terbium	159-2	4118866	4139897	4152965	4137243	0.42	cps
Thallium	203-1	12069	12119	12476	12221	1.82	cps
Thallium	205-1	29342	29489	30040	29623	1.24	cps
Tin	118-1	8136	8546	8693	8458	3.41	cps
Titanium	47-1	7265	7429	7589	7427	2.18	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BS	Instrumnet Name :	P7
Client Sample ID :	LCS774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:50:19	DataFile Name :	084LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39097	40592	40414	40034	2.04	cps
Vanadium	51-2	19146	19957	19503	19535	2.08	cps
Yttrium	89-1	7601769	7624087	7767658	7664505	1.17	cps
Yttrium	89-2	1820081	1817569	1842834	1826828	0.76	cps
Zinc	66-2	4214	4157	4187	4186	0.68	cps
Zirconium	90-1	21489	21739	21790	21673	0.74	cps
Zirconium	91-1	4744	4771	4928	4814	2.06	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:53:39	DataFile Name :	085LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2537	2674	2554	2588	2.88	cps
Antimony	121-1	13273	13914	13540	13575	2.37	cps
Arsenic	75-2	323	357	283	321	11.44	cps
Barium	135-1	17511	17554	17735	17600	0.67	cps
Barium	137-1	30035	30717	30573	30441	1.18	cps
Beryllium	9-1	1267	1307	1200	1258	4.28	cps
Bismuth	209-1	4117092	4131432	4193451	4147325	0.98	cps
Bismuth	209-2	3111956	3107731	3114224	3111304	0.11	cps
Bromine	81-1	7645	7572	7569	7595	0.57	cps
Bromine	81-2	60	53	17	43	53.84	cps
Cadmium	108-1	57	57	40	51	18.83	cps
Cadmium	106-1	2057	1870	2134	2020	6.71	cps
Cadmium	111-1	1660	1606	1815	1694	6.42	cps
Calcium	43-1	8189	8623	8322	8378	2.65	cps
Calcium	44-1	135226	138508	137688	137141	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5088	5048	5101	5079	0.55	cps
Cobalt	59-2	3674	3901	3550	3708	4.79	cps
Copper	63-2	5961	5801	5781	5848	1.69	cps
Dysprosium	156-1	37	30	43	37	18.18	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	7	27	17	17	59.99	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	13	27	13	18	43.33	cps
Gadolinium	160-2	150	163	197	170	14.14	cps
Holmium	165-1	6461804	6576525	6609809	6549380	1.19	cps
Holmium	165-2	4342628	4232596	4190543	4255256	1.85	cps
Indium	115-1	4742065	4829330	4906456	4825950	1.70	cps
Indium	115-2	1461588	1444125	1442344	1449352	0.73	cps
Iron	56-2	434662	432620	436716	434666	0.47	cps
Iron	57-2	11554	11511	11134	11400	2.03	cps
Iron	54-2	25104	24553	24800	24819	1.11	cps
Krypton	83-1	137	83	60	93	42.11	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:53:39	DataFile Name :	085LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5828	5581	5578	5662	2.53	cps
Lead	207-1	5141	5231	4931	5101	3.02	cps
Lead	208-1	22761	22447	22724	22644	0.76	cps
Lithium	6-1	883908	902835	909957	898900	1.50	cps
Magnesium	24-2	114516	114055	112961	113844	0.70	cps
Manganese	55-2	1940	1967	1957	1955	0.69	cps
Molybdenum	94-1	13490	13309	13289	13363	0.83	cps
Molybdenum	95-1	16112	16239	16162	16171	0.40	cps
Molybdenum	96-1	17854	18358	18535	18249	1.94	cps
Molybdenum	97-1	10003	10607	10260	10290	2.94	cps
Molybdenum	98-1	26434	26370	27422	26742	2.21	cps
Neodymium	150-1	3	7	3	4	43.40	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	993	1017	877	962	7.80	cps
Phosphorus	31-2	57	110	83	83	32.00	cps
Potassium	39-2	165266	166374	166701	166114	0.45	cps
Rhodium	103-1	4206010	4345616	4333685	4295104	1.80	cps
Rhodium	103-2	2436509	2392366	2336625	2388500	2.10	cps
Scandium	45-1	2300398	2367007	2374742	2347382	1.74	cps
Scandium	45-2	197668	192789	192174	194211	1.55	cps
Selenium	82-1	556	608	693	619	11.19	cps
Selenium	77-2	50	33	50	44	21.66	cps
Selenium	78-2	330	233	280	281	17.20	cps
Silicon	28-1	167463	170692	170744	169633	1.11	cps
Silver	107-1	7812	8249	8426	8162	3.87	cps
Silver	109-1	7595	7942	7469	7669	3.20	cps
Sodium	23-2	185566	185324	185773	185554	0.12	cps
Strontium	86-1	2217	2207	2067	2164	3.88	cps
Strontium	88-1	18538	18562	18765	18622	0.67	cps
Sulfur	34-1	130101	130774	130521	130466	0.26	cps
Terbium	159-1	6635792	6699314	6754162	6696423	0.88	cps
Terbium	159-2	4215512	4130696	4135766	4160658	1.14	cps
Thallium	203-1	6492	6695	6345	6511	2.70	cps
Thallium	205-1	15853	15929	15873	15885	0.25	cps
Tin	118-1	8419	8783	8563	8588	2.13	cps
Titanium	47-1	3927	4097	4124	4049	2.64	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	PB163774BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD774	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 17:53:39	DataFile Name :	085LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20993	20412	20459	20622	1.57	cps
Vanadium	51-2	10380	10557	10294	10410	1.29	cps
Yttrium	89-1	7596634	7626907	7708694	7644078	0.76	cps
Yttrium	89-2	1870061	1830023	1831006	1843697	1.24	cps
Zinc	66-2	2324	2127	2154	2201	4.85	cps
Zirconium	90-1	11391	11635	11665	11564	1.30	cps
Zirconium	91-1	2724	2577	2680	2660	2.83	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:00:20	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3961286	3898071	3907685	3922347	0.87	cps
Antimony	121-1	7692	8099	7655	7816	3.15	cps
Arsenic	75-2	21082	21015	20604	20900	1.24	cps
Barium	135-1	465610	467573	470897	468027	0.57	cps
Barium	137-1	796909	818534	802839	806094	1.39	cps
Beryllium	9-1	1300	1440	1393	1378	5.17	cps
Bismuth	209-1	3974364	3931428	4072492	3992761	1.81	cps
Bismuth	209-2	2951849	2952432	2898050	2934110	1.06	cps
Bromine	81-1	8459	7839	7852	8050	4.40	cps
Bromine	81-2	253	127	213	198	32.74	cps
Cadmium	108-1	200	183	190	191	4.39	cps
Cadmium	106-1	2474	2354	2354	2394	2.90	cps
Cadmium	111-1	3215	3166	3455	3279	4.71	cps
Calcium	43-1	209692	207971	208647	208770	0.42	cps
Calcium	44-1	3229992	3152632	3209622	3197416	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	70527	70273	70359	70386	0.18	cps
Cobalt	59-2	97007	96269	94958	96078	1.08	cps
Copper	63-2	298511	296352	296226	297030	0.43	cps
Dysprosium	156-1	55245	56004	56453	55901	1.09	cps
Dysprosium	156-2	41147	40705	40762	40872	0.59	cps
Erbium	164-1	49644	49116	51233	49998	2.20	cps
Erbium	164-2	31883	31639	31943	31822	0.51	cps
Gadolinium	160-1	53217	54362	53070	53550	1.32	cps
Gadolinium	160-2	35903	35625	35712	35747	0.40	cps
Holmium	165-1	6521986	6463577	6475320	6486961	0.48	cps
Holmium	165-2	4055501	4086707	4066958	4069722	0.39	cps
Indium	115-1	4700883	4611310	4462078	4591424	2.63	cps
Indium	115-2	1322153	1322274	1324991	1323139	0.12	cps
Iron	56-2	141575228	141035198	139911745	140840723	0.60	cps
Iron	57-2	3527602	3486660	3471050	3495104	0.84	cps
Iron	54-2	7816531	7751906	7665968	7744801	0.98	cps
Krypton	83-1	177	123	180	160	19.88	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:00:20	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	326212	326777	332514	328501	1.06	cps
Lead	207-1	291561	299619	295066	295415	1.37	cps
Lead	208-1	1298846	1323931	1327558	1316778	1.19	cps
Lithium	6-1	922775	923107	938383	928088	0.96	cps
Magnesium	24-2	2755347	2751065	2669539	2725317	1.77	cps
Manganese	55-2	2416378	2386739	2372640	2391919	0.93	cps
Molybdenum	94-1	28044	28351	28838	28411	1.41	cps
Molybdenum	95-1	2924	2570	3070	2855	9.01	cps
Molybdenum	96-1	9683	9817	9396	9632	2.23	cps
Molybdenum	97-1	1757	1863	1733	1785	3.88	cps
Molybdenum	98-1	4514	4457	4341	4437	1.99	cps
Neodymium	150-1	88864	90313	91158	90112	1.29	cps
Neodymium	150-2	47704	47322	47944	47657	0.66	cps
Nickel	60-2	27492	27328	27108	27309	0.71	cps
Phosphorus	31-2	14644	14450	13956	14350	2.47	cps
Potassium	39-2	1588998	1558685	1581635	1576439	1.00	cps
Rhodium	103-1	4030665	4117425	3990698	4046263	1.60	cps
Rhodium	103-2	2179159	2132255	2171049	2160821	1.16	cps
Scandium	45-1	2408362	2358094	2366376	2377611	1.13	cps
Scandium	45-2	186263	186779	184727	185923	0.57	cps
Selenium	82-1	233	315	216	255	20.70	cps
Selenium	77-2	113	123	143	127	12.06	cps
Selenium	78-2	250	233	200	228	11.18	cps
Silicon	28-1	15869066	15877545	15528220	15758277	1.26	cps
Silver	107-1	3407	3107	3040	3185	6.13	cps
Silver	109-1	3057	2837	2894	2929	3.90	cps
Sodium	23-2	59317	59718	60508	59848	1.01	cps
Strontium	86-1	129362	132416	129974	130584	1.24	cps
Strontium	88-1	1120268	1135381	1130645	1128764	0.68	cps
Sulfur	34-1	118780	113122	109582	113828	4.08	cps
Terbium	159-1	6474892	6576794	6449693	6500460	1.04	cps
Terbium	159-2	3975523	3960201	3898143	3944622	1.04	cps
Thallium	203-1	1947	1687	1740	1791	7.67	cps
Thallium	205-1	4124	4257	4304	4228	2.21	cps
Tin	118-1	13653	14661	14437	14250	3.71	cps
Titanium	47-1	691877	694632	680542	689017	1.08	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11	Instrumnet Name :	P7
Client Sample ID :	MYD536	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:00:20	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17605	17959	17588	17717	1.18	cps
Vanadium	51-2	244137	243389	243443	243656	0.17	cps
Yttrium	89-1	8021024	7948888	8052226	8007379	0.66	cps
Yttrium	89-2	1845956	1839494	1829036	1838162	0.46	cps
Zinc	66-2	103539	104358	103552	103816	0.45	cps
Zirconium	90-1	72930	73195	73345	73157	0.29	cps
Zirconium	91-1	15979	16316	15115	15803	3.92	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-12	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:03:37	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4037383	3993301	4001213	4010633	0.59	cps
Antimony	121-1	8032	8549	8456	8346	3.30	cps
Arsenic	75-2	21202	21639	22350	21730	2.67	cps
Barium	135-1	495863	498727	497592	497394	0.29	cps
Barium	137-1	871069	862072	888236	873792	1.52	cps
Beryllium	9-1	1467	1387	1300	1385	6.02	cps
Bismuth	209-1	4072034	4226189	4175761	4157995	1.89	cps
Bismuth	209-2	2986689	3000258	3062735	3016561	1.34	cps
Bromine	81-1	7916	8553	7632	8033	5.87	cps
Bromine	81-2	253	200	200	218	14.14	cps
Cadmium	108-1	220	183	227	210	11.11	cps
Cadmium	106-1	2427	2554	2457	2479	2.67	cps
Cadmium	111-1	3395	3586	3388	3456	3.25	cps
Calcium	43-1	210566	215945	211459	212657	1.36	cps
Calcium	44-1	3163574	3230290	3218794	3204219	1.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79280	79042	79300	79208	0.18	cps
Cobalt	59-2	102839	101785	102886	102503	0.61	cps
Copper	63-2	317087	316842	313714	315881	0.60	cps
Dysprosium	156-1	56801	56982	56814	56866	0.18	cps
Dysprosium	156-2	41214	41588	41077	41293	0.64	cps
Erbium	164-1	50013	52538	50762	51104	2.54	cps
Erbium	164-2	32030	31419	30974	31474	1.68	cps
Gadolinium	160-1	54285	55616	55988	55296	1.62	cps
Gadolinium	160-2	36487	36875	36123	36495	1.03	cps
Holmium	165-1	6676968	6603766	6611029	6630588	0.61	cps
Holmium	165-2	4199998	4124661	4192392	4172350	0.99	cps
Indium	115-1	4647485	4575748	4580209	4601147	0.87	cps
Indium	115-2	1352133	1349212	1356236	1352527	0.26	cps
Iron	56-2	146061111	144547855	144111221	144906729	0.71	cps
Iron	57-2	3567869	3590364	3596406	3584880	0.42	cps
Iron	54-2	7882448	7926977	7920222	7909883	0.30	cps
Krypton	83-1	150	120	153	141	13.01	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-12	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:03:37	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	351947	353643	354283	353291	0.34	cps
Lead	207-1	323755	321818	329861	325145	1.29	cps
Lead	208-1	1421430	1460958	1462097	1448162	1.60	cps
Lithium	6-1	903850	928794	918392	917012	1.37	cps
Magnesium	24-2	2807750	2866894	2808661	2827768	1.20	cps
Manganese	55-2	2538120	2516374	2500185	2518227	0.76	cps
Molybdenum	94-1	28324	29383	29366	29024	2.09	cps
Molybdenum	95-1	2980	3024	3057	3020	1.27	cps
Molybdenum	96-1	9470	10120	10027	9872	3.56	cps
Molybdenum	97-1	1760	2027	1927	1905	7.07	cps
Molybdenum	98-1	4707	4911	4747	4789	2.25	cps
Neodymium	150-1	91195	95621	94075	93630	2.40	cps
Neodymium	150-2	48573	48577	48269	48473	0.36	cps
Nickel	60-2	28197	27642	27859	27899	1.00	cps
Phosphorus	31-2	14310	14287	14597	14398	1.20	cps
Potassium	39-2	1637361	1668182	1643395	1649646	0.99	cps
Rhodium	103-1	4150305	4033473	4054842	4079540	1.52	cps
Rhodium	103-2	2191713	2227038	2214828	2211193	0.81	cps
Scandium	45-1	2321840	2328412	2333373	2327875	0.25	cps
Scandium	45-2	190113	191045	190534	190564	0.24	cps
Selenium	82-1	211	284	232	242	15.56	cps
Selenium	77-2	147	120	133	133	10.00	cps
Selenium	78-2	250	173	193	206	19.34	cps
Silicon	28-1	14629417	14675692	14579915	14628341	0.33	cps
Silver	107-1	3004	3280	3117	3134	4.44	cps
Silver	109-1	2817	3047	2970	2945	3.98	cps
Sodium	23-2	69194	69613	70608	69805	1.04	cps
Strontium	86-1	135547	133929	135701	135059	0.73	cps
Strontium	88-1	1161614	1203465	1190581	1185220	1.81	cps
Sulfur	34-1	108401	108058	103840	106766	2.38	cps
Terbium	159-1	6877076	6585150	6988574	6816933	3.06	cps
Terbium	159-2	4114116	4054198	4011499	4059938	1.27	cps
Thallium	203-1	1877	1740	1883	1833	4.41	cps
Thallium	205-1	4031	4031	4324	4128	4.10	cps
Tin	118-1	14497	13943	14691	14377	2.70	cps
Titanium	47-1	683815	680124	678839	680926	0.38	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-12	Instrumnet Name :	P7
Client Sample ID :	MYD536D	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:03:37	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18877	18970	19451	19099	1.61	cps
Vanadium	51-2	251387	248324	248225	249312	0.72	cps
Yttrium	89-1	8092655	8132416	7929912	8051661	1.33	cps
Yttrium	89-2	1862343	1896077	1877376	1878599	0.90	cps
Zinc	66-2	104848	104673	105113	104878	0.21	cps
Zirconium	90-1	72461	72467	73449	72792	0.78	cps
Zirconium	91-1	16436	16686	16643	16588	0.81	cps

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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 18:06:51	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	792199	779094	779087	783460	0.97	cps
Antimony	121-1	1610	1707	1623	1647	3.18	cps
Arsenic	75-2	4374	4284	4057	4238	3.85	cps
Barium	135-1	92944	93752	93876	93524	0.54	cps
Barium	137-1	161790	162425	162085	162100	0.20	cps
Beryllium	9-1	347	363	343	351	3.05	cps
Bismuth	209-1	4144502	4184502	4198134	4175713	0.67	cps
Bismuth	209-2	2650387	3358287	3051122	3019932	11.75	cps
Bromine	81-1	6958	7022	7082	7021	0.88	cps
Bromine	81-2	67	77	37	60	34.69	cps
Cadmium	108-1	33	23	60	39	48.75	cps
Cadmium	106-1	1833	1973	1920	1909	3.70	cps
Cadmium	111-1	1603	1698	1702	1668	3.35	cps
Calcium	43-1	39735	40303	40267	40102	0.79	cps
Calcium	44-1	654124	661539	661740	659134	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14227	14527	14270	14341	1.13	cps
Cobalt	59-2	19439	18822	19359	19207	1.75	cps
Copper	63-2	61573	59772	60552	60632	1.49	cps
Dysprosium	156-1	10831	11445	11181	11152	2.76	cps
Dysprosium	156-2	8089	8109	8246	8148	1.05	cps
Erbium	164-1	10164	10074	10020	10086	0.72	cps
Erbium	164-2	6515	6235	6038	6263	3.83	cps
Gadolinium	160-1	10481	11058	10918	10819	2.78	cps
Gadolinium	160-2	7259	7292	7149	7233	1.04	cps
Holmium	165-1	6506164	6430255	6530622	6489013	0.81	cps
Holmium	165-2	3576905	4482054	4177656	4078872	11.29	cps
Indium	115-1	4596234	4563058	4622904	4594065	0.65	cps
Indium	115-2	1200360	1553494	1358853	1370902	12.90	cps
Iron	56-2	28584307	27737059	28002967	28108111	1.54	cps
Iron	57-2	730001	717448	719843	722430	0.92	cps
Iron	54-2	1544255	1542354	1538684	1541764	0.18	cps
Krypton	83-1	120	100	107	109	9.35	cps

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 18:06:51	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	67527	67962	68109	67866	0.45	cps
Lead	207-1	61559	61779	61900	61746	0.28	cps
Lead	208-1	271726	275626	276015	274455	0.86	cps
Lithium	6-1	883819	889848	897586	890418	0.78	cps
Magnesium	24-2	561739	548529	552249	554172	1.23	cps
Manganese	55-2	482513	474730	476511	477918	0.85	cps
Molybdenum	94-1	5811	5985	5765	5853	1.98	cps
Molybdenum	95-1	820	833	920	858	6.33	cps
Molybdenum	96-1	2300	2200	2137	2212	3.72	cps
Molybdenum	97-1	567	513	600	560	7.81	cps
Molybdenum	98-1	1243	1470	1290	1335	8.97	cps
Neodymium	150-1	17755	18325	17878	17986	1.67	cps
Neodymium	150-2	9590	9550	9407	9516	1.01	cps
Nickel	60-2	5524	5351	5518	5464	1.80	cps
Phosphorus	31-2	2980	2894	2870	2915	1.99	cps
Potassium	39-2	350737	348586	348401	349241	0.37	cps
Rhodium	103-1	4061422	4036280	4055755	4051152	0.33	cps
Rhodium	103-2	1912896	2404560	2237201	2184886	11.44	cps
Scandium	45-1	2205944	2228745	2224302	2219663	0.54	cps
Scandium	45-2	152888	198560	180400	177283	12.97	cps
Selenium	82-1	136	169	165	157	11.69	cps
Selenium	77-2	7	10	23	13	66.12	cps
Selenium	78-2	130	117	147	131	11.46	cps
Silicon	28-1	3095384	3168963	3142072	3135473	1.19	cps
Silver	107-1	610	633	560	601	6.23	cps
Silver	109-1	530	580	543	551	4.70	cps
Sodium	23-2	26139	26299	26323	26254	0.38	cps
Strontium	86-1	25162	25455	25656	25424	0.98	cps
Strontium	88-1	219365	223038	225309	222571	1.35	cps
Sulfur	34-1	96233	97153	97180	96855	0.56	cps
Terbium	159-1	6662324	6621033	6722823	6668727	0.77	cps
Terbium	159-2	3478495	4384692	4012701	3958630	11.51	cps
Thallium	203-1	343	357	350	350	1.91	cps
Thallium	205-1	803	807	897	836	6.34	cps
Tin	118-1	9040	9507	9490	9345	2.83	cps
Titanium	47-1	130197	132144	132978	131773	1.08	cps

Reviewed By:jaswal
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Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11LX5	Instrumnet Name :	P7
Client Sample ID :	MYD536L	Dilution Factor :	5
Date & Time Acquired :	2024-10-08 18:06:51	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3837	3704	3844	3795	2.08	cps
Vanadium	51-2	48722	47354	48297	48124	1.45	cps
Yttrium	89-1	7347980	7344784	7385556	7359440	0.31	cps
Yttrium	89-2	1506627	1903454	1733951	1714677	11.61	cps
Zinc	66-2	21178	21259	21479	21305	0.73	cps
Zirconium	90-1	14170	14534	14200	14301	1.41	cps
Zirconium	91-1	3157	3060	3230	3149	2.71	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-13	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:10:11	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4179419	4209977	4170948	4186781	0.49	cps
Antimony	121-1	348722	378877	385479	371026	5.28	cps
Arsenic	75-2	27950	27686	27699	27778	0.54	cps
Barium	135-1	2424516	2623223	2625434	2557724	4.51	cps
Barium	137-1	4175050	4555857	4603652	4444853	5.28	cps
Beryllium	9-1	29114	30603	29939	29885	2.50	cps
Bismuth	209-1	3807264	4146083	4153139	4035495	4.90	cps
Bismuth	209-2	2984295	2964316	2961610	2970074	0.42	cps
Bromine	81-1	6812	7459	7485	7252	5.26	cps
Bromine	81-2	207	247	260	238	11.67	cps
Cadmium	108-1	2870	3120	3260	3084	6.41	cps
Cadmium	106-1	5825	6642	6175	6214	6.60	cps
Cadmium	111-1	45449	49113	48755	47772	4.23	cps
Calcium	43-1	194399	213919	215133	207817	5.60	cps
Calcium	44-1	2970693	3251956	3249147	3157265	5.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	313383	312011	310695	312030	0.43	cps
Cobalt	59-2	1004012	1003577	1002556	1003382	0.07	cps
Copper	63-2	618376	615705	612248	615443	0.50	cps
Dysprosium	156-1	54171	59415	59281	57622	5.19	cps
Dysprosium	156-2	43106	43470	43708	43428	0.70	cps
Erbium	164-1	49163	54653	55041	52952	6.21	cps
Erbium	164-2	33671	34302	33791	33921	0.99	cps
Gadolinium	160-1	53030	58287	58896	56738	5.69	cps
Gadolinium	160-2	37848	38413	37774	38011	0.92	cps
Holmium	165-1	5985019	6537408	6616824	6379751	5.39	cps
Holmium	165-2	4151769	4133259	4069760	4118262	1.04	cps
Indium	115-1	4165324	4496687	4474403	4378805	4.23	cps
Indium	115-2	1327779	1323603	1321704	1324362	0.23	cps
Iron	56-2	149256831	148769421	148973984	149000079	0.16	cps
Iron	57-2	3700692	3680666	3680175	3687178	0.32	cps
Iron	54-2	8189158	8133554	8040405	8121039	0.93	cps
Krypton	83-1	153	100	120	124	21.65	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-13	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:10:11	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	386343	422064	433001	413803	5.90	cps
Lead	207-1	344767	381252	382485	369501	5.80	cps
Lead	208-1	1554711	1702509	1727042	1661421	5.61	cps
Lithium	6-1	852164	900447	906154	886255	3.35	cps
Magnesium	24-2	2864942	2858475	2807425	2843614	1.11	cps
Manganese	55-2	3005835	2968953	2988284	2987690	0.62	cps
Molybdenum	94-1	27195	30011	30034	29080	5.61	cps
Molybdenum	95-1	2674	2854	3007	2845	5.87	cps
Molybdenum	96-1	8923	9783	9743	9483	5.12	cps
Molybdenum	97-1	1540	1797	1970	1769	12.23	cps
Molybdenum	98-1	4327	4607	4497	4477	3.15	cps
Neodymium	150-1	89337	98135	98766	95413	5.52	cps
Neodymium	150-2	50229	50396	51430	50685	1.28	cps
Nickel	60-2	255707	254890	253880	254826	0.36	cps
Phosphorus	31-2	14504	14550	14557	14537	0.20	cps
Potassium	39-2	1652905	1610800	1632176	1631960	1.29	cps
Rhodium	103-1	3643412	3932238	3938186	3837945	4.39	cps
Rhodium	103-2	2166798	2185826	2141753	2164793	1.02	cps
Scandium	45-1	2079075	2242815	2263373	2195088	4.60	cps
Scandium	45-2	187156	185692	183237	185362	1.07	cps
Selenium	82-1	3548	4014	3921	3828	6.44	cps
Selenium	77-2	430	440	430	433	1.33	cps
Selenium	78-2	1373	1420	1270	1355	5.67	cps
Silicon	28-1	14578102	15827044	15773929	15393025	4.59	cps
Silver	107-1	199837	219593	221893	213774	5.67	cps
Silver	109-1	191180	209272	211094	203848	5.40	cps
Sodium	23-2	71036	73219	73015	72424	1.67	cps
Strontium	86-1	122279	135025	136798	131367	6.03	cps
Strontium	88-1	1094486	1197115	1208867	1166823	5.39	cps
Sulfur	34-1	92179	99488	98749	96805	4.16	cps
Terbium	159-1	6066867	6585413	6668633	6440304	5.06	cps
Terbium	159-2	3990319	4029075	3974208	3997867	0.71	cps
Thallium	203-1	172483	187344	190326	183384	5.21	cps
Thallium	205-1	409532	444689	456243	436821	5.57	cps
Tin	118-1	13103	14227	14614	13981	5.62	cps
Titanium	47-1	640865	693054	700715	678211	4.80	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-13	Instrumnet Name :	P7
Client Sample ID :	MYD536S	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:10:11	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18553	20079	20296	19642	4.83	cps
Vanadium	51-2	781442	780331	776817	779530	0.31	cps
Yttrium	89-1	7233784	7823346	7886207	7647779	4.71	cps
Yttrium	89-2	1844169	1828535	1839968	1837557	0.44	cps
Zinc	66-2	213058	212564	211841	212488	0.29	cps
Zirconium	90-1	68140	72735	73406	71427	4.01	cps
Zirconium	91-1	14901	16249	16586	15912	5.60	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11MS	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:13:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3920091	3957159	3900195	3925815	0.74	cps
Antimony	121-1	3806106	3869315	3878223	3851214	1.02	cps
Arsenic	75-2	80580	81539	81180	81100	0.60	cps
Barium	135-1	476002	484267	485824	482031	1.10	cps
Barium	137-1	834609	848654	842610	841958	0.84	cps
Beryllium	9-1	1227	1377	1417	1340	7.48	cps
Bismuth	209-1	4054698	4109142	4037028	4066956	0.92	cps
Bismuth	209-2	3010664	3018219	3011184	3013356	0.14	cps
Bromine	81-1	7125	6972	6958	7018	1.32	cps
Bromine	81-2	193	213	227	211	7.95	cps
Cadmium	108-1	29396	29670	29911	29659	0.87	cps
Cadmium	106-1	41493	42067	43017	42192	1.82	cps
Cadmium	111-1	447099	454294	458128	453173	1.24	cps
Calcium	43-1	204850	207224	207157	206410	0.65	cps
Calcium	44-1	3042204	3167991	3142015	3117403	2.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74154	73478	72332	73321	1.26	cps
Cobalt	59-2	98255	98665	99443	98788	0.61	cps
Copper	63-2	305361	305959	306102	305807	0.13	cps
Dysprosium	156-1	56446	58347	57932	57575	1.74	cps
Dysprosium	156-2	42390	41722	42999	42370	1.51	cps
Erbium	164-1	51709	52050	51772	51844	0.35	cps
Erbium	164-2	33584	32494	32424	32834	1.98	cps
Gadolinium	160-1	55047	55985	56540	55857	1.35	cps
Gadolinium	160-2	37754	36771	36952	37159	1.41	cps
Holmium	165-1	6470687	6453969	6423526	6449394	0.37	cps
Holmium	165-2	4110250	4138101	4113853	4120734	0.37	cps
Indium	115-1	4442665	4473152	4380538	4432118	1.06	cps
Indium	115-2	1328589	1328286	1327135	1328003	0.06	cps
Iron	56-2	144462408	144134438	143506278	144034375	0.34	cps
Iron	57-2	3593308	3597203	3567026	3585846	0.46	cps
Iron	54-2	7875542	7863721	7722986	7820750	1.09	cps
Krypton	83-1	153	110	127	130	16.82	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11MS	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:13:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	925575	948843	957356	943925	1.74	cps
Lead	207-1	829288	846018	857729	844345	1.69	cps
Lead	208-1	3999237	4109625	4105992	4071618	1.54	cps
Lithium	6-1	885978	896003	885596	889192	0.66	cps
Magnesium	24-2	2768568	2773643	2793019	2778410	0.46	cps
Manganese	55-2	2453878	2452919	2433108	2446635	0.48	cps
Molybdenum	94-1	27933	28925	29049	28636	2.14	cps
Molybdenum	95-1	2650	2777	3074	2834	7.67	cps
Molybdenum	96-1	9393	9500	9700	9531	1.63	cps
Molybdenum	97-1	1790	1767	1883	1813	3.40	cps
Molybdenum	98-1	4531	4667	4291	4496	4.24	cps
Neodymium	150-1	91387	94004	95514	93635	2.23	cps
Neodymium	150-2	48707	49212	48951	48957	0.52	cps
Nickel	60-2	27252	28223	28066	27847	1.87	cps
Phosphorus	31-2	14143	14087	14100	14110	0.21	cps
Potassium	39-2	1601294	1607803	1610464	1606520	0.29	cps
Rhodium	103-1	3852285	3903008	3814037	3856444	1.16	cps
Rhodium	103-2	2181076	2147518	2167439	2165344	0.78	cps
Scandium	45-1	2197984	2225521	2156152	2193219	1.59	cps
Scandium	45-2	185166	185841	183857	184955	0.55	cps
Selenium	82-1	30179	30792	30713	30561	1.09	cps
Selenium	77-2	2724	2847	2794	2788	2.22	cps
Selenium	78-2	9193	9110	8793	9032	2.34	cps
Silicon	28-1	15180508	15712548	15610505	15501187	1.82	cps
Silver	107-1	3440	3087	3157	3228	5.80	cps
Silver	109-1	3174	2990	3060	3075	3.01	cps
Sodium	23-2	75025	74526	75567	75039	0.69	cps
Strontium	86-1	129513	130209	132271	130664	1.10	cps
Strontium	88-1	1142643	1152276	1172404	1155774	1.31	cps
Sulfur	34-1	99971	96824	97495	98097	1.69	cps
Terbium	159-1	6497818	6617240	6598594	6571218	0.98	cps
Terbium	159-2	4015499	4039871	4014128	4023166	0.36	cps
Thallium	203-1	2064984	2054699	2064056	2061246	0.28	cps
Thallium	205-1	4909861	5058872	5054241	5007658	1.69	cps
Tin	118-1	13550	14374	14154	14026	3.04	cps
Titanium	47-1	662781	679571	680028	674127	1.46	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	P2815-11MS	Instrumnet Name :	P7
Client Sample ID :	MYD536SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:13:23	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18560	19595	19848	19334	3.53	cps
Vanadium	51-2	245915	248192	248690	247599	0.60	cps
Yttrium	89-1	7642981	7715345	7710536	7689621	0.53	cps
Yttrium	89-2	1843770	1857965	1825489	1842408	0.88	cps
Zinc	66-2	103969	104207	104163	104113	0.12	cps
Zirconium	90-1	70140	71737	71670	71182	1.27	cps
Zirconium	91-1	15695	16005	16636	16112	2.98	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:17:09	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5231150	5212902	5196751	5213601	0.33	cps
Antimony	121-1	2867034	2953852	2917930	2912939	1.50	cps
Arsenic	75-2	112126	111541	113765	112477	1.02	cps
Barium	135-1	4013131	4036512	4068811	4039485	0.69	cps
Barium	137-1	6929237	6965129	7081391	6991919	1.14	cps
Beryllium	9-1	416628	426332	432043	425001	1.83	cps
Bismuth	209-1	3713360	3773486	3794173	3760340	1.12	cps
Bismuth	209-2	2684040	2717215	2704977	2702077	0.62	cps
Bromine	81-1	6155	5648	6018	5940	4.41	cps
Bromine	81-2	17	47	23	29	54.53	cps
Cadmium	108-1	47270	48621	48574	48155	1.59	cps
Cadmium	106-1	70389	70597	70845	70610	0.32	cps
Cadmium	111-1	642029	652327	659063	651140	1.32	cps
Calcium	43-1	3208366	3211432	3309446	3243082	1.77	cps
Calcium	44-1	50722851	51352251	52158301	51411134	1.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	883687	889972	888600	887420	0.37	cps
Cobalt	59-2	1313123	1317822	1320338	1317094	0.28	cps
Copper	63-2	9235818	9278837	9262093	9258916	0.23	cps
Dysprosium	156-1	297	233	250	260	12.63	cps
Dysprosium	156-2	280	300	260	280	7.14	cps
Erbium	164-1	183	190	190	188	2.05	cps
Erbium	164-2	90	97	90	92	4.18	cps
Gadolinium	160-1	163	153	210	176	17.23	cps
Gadolinium	160-2	273	260	317	283	10.46	cps
Holmium	165-1	6129707	6217111	6240540	6195786	0.94	cps
Holmium	165-2	3939884	3926463	3987598	3951315	0.81	cps
Indium	115-1	4000142	3984131	3987159	3990477	0.21	cps
Indium	115-2	1200693	1196592	1192163	1196483	0.36	cps
Iron	56-2	198578637	196433550	200107184	198373124	0.93	cps
Iron	57-2	4924223	5003776	4965256	4964418	0.80	cps
Iron	54-2	10815317	10820094	10977366	10870926	0.85	cps
Krypton	83-1	77	97	113	96	19.21	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:17:09	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12876000	13046434	13242101	13054845	1.40	cps
Lead	207-1	11228454	11504866	11705637	11479652	2.09	cps
Lead	208-1	51247788	52528437	53263528	52346584	1.95	cps
Lithium	6-1	797204	807112	819704	808007	1.40	cps
Magnesium	24-2	43575936	43320716	43859589	43585414	0.62	cps
Manganese	55-2	6875146	6762288	6921438	6852958	1.19	cps
Molybdenum	94-1	9641215	9750929	9720191	9704112	0.58	cps
Molybdenum	95-1	13811689	14006009	14093269	13970322	1.03	cps
Molybdenum	96-1	15270168	15249538	15408110	15309272	0.56	cps
Molybdenum	97-1	8684771	8843803	8949152	8825909	1.51	cps
Molybdenum	98-1	22671442	22924509	23070443	22888798	0.88	cps
Neodymium	150-1	353	430	447	410	12.14	cps
Neodymium	150-2	107	90	130	109	18.45	cps
Nickel	60-2	318932	318467	322509	319969	0.69	cps
Phosphorus	31-2	50088	50346	50607	50347	0.51	cps
Potassium	39-2	25293645	25249700	25468056	25337134	0.46	cps
Rhodium	103-1	3397659	3357113	3395887	3383553	0.68	cps
Rhodium	103-2	1891841	1920258	1907432	1906510	0.75	cps
Scandium	45-1	1906479	1915700	1909506	1910561	0.25	cps
Scandium	45-2	165158	162119	165176	164151	1.07	cps
Selenium	82-1	35456	35918	36130	35835	0.96	cps
Selenium	77-2	3300	3214	3180	3232	1.92	cps
Selenium	78-2	10917	11131	11204	11084	1.34	cps
Silicon	28-1	8433050	8601620	8615152	8549940	1.19	cps
Silver	107-1	3199096	3229626	3235061	3221261	0.60	cps
Silver	109-1	3046169	3114342	3102182	3087564	1.18	cps
Sodium	23-2	70338852	70018571	70668621	70342015	0.46	cps
Strontium	86-1	21295611	21490234	21656726	21480857	0.84	cps
Strontium	88-1	186139024	190295637	191510924	189315195	1.49	cps
Sulfur	34-1	288103	287814	291850	289256	0.78	cps
Terbium	159-1	6171324	6234227	6183773	6196441	0.54	cps
Terbium	159-2	3809609	3822002	3809609	3813740	0.19	cps
Thallium	203-1	3165033	3213426	3254323	3210927	1.39	cps
Thallium	205-1	7642183	7821957	7881804	7781981	1.60	cps
Tin	118-1	2431009	2463657	2508705	2467790	1.58	cps
Titanium	47-1	2983342	2987861	3072147	3014450	1.66	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCV058	Instrumnet Name :	P7
Client Sample ID :	CCV058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:17:09	DataFile Name :	092CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11220177	11524902	11750209	11498429	2.31	cps
Vanadium	51-2	804364	810977	805927	807089	0.43	cps
Yttrium	89-1	6586513	6603060	6613134	6600902	0.20	cps
Yttrium	89-2	1555517	1558082	1569396	1560999	0.47	cps
Zinc	66-2	1553250	1564085	1552448	1556594	0.42	cps
Zirconium	90-1	4580380	4608423	4644406	4611070	0.70	cps
Zirconium	91-1	997645	1007864	1016775	1007428	0.95	cps

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On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:21:33	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	237	230	248	10.19	cps
Antimony	121-1	1550	1640	1850	1680	9.16	cps
Arsenic	75-2	3	0	7	3	100.05	cps
Barium	135-1	187	187	137	170	16.98	cps
Barium	137-1	313	367	227	302	23.38	cps
Beryllium	9-1	147	83	133	121	27.57	cps
Bismuth	209-1	4203150	4169060	4207416	4193209	0.50	cps
Bismuth	209-2	3061716	3085899	3044213	3063943	0.68	cps
Bromine	81-1	6505	6271	6782	6519	3.92	cps
Bromine	81-2	20	50	37	36	42.27	cps
Cadmium	108-1	3	13	7	8	65.47	cps
Cadmium	106-1	1637	1753	1827	1739	5.51	cps
Cadmium	111-1	1177	1271	1324	1257	5.94	cps
Calcium	43-1	310	297	240	282	13.17	cps
Calcium	44-1	4761	4441	4081	4427	7.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280	297	290	289	2.90	cps
Cobalt	59-2	90	73	80	81	10.34	cps
Copper	63-2	920	1100	863	961	12.86	cps
Dysprosium	156-1	27	17	10	18	47.19	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	40	37	43	40	8.32	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	10	20	13	14	35.26	cps
Gadolinium	160-2	143	160	150	151	5.55	cps
Holmium	165-1	6409247	6445429	6437861	6430846	0.30	cps
Holmium	165-2	4125748	4109582	4085220	4106850	0.50	cps
Indium	115-1	4471087	4516778	4541429	4509765	0.79	cps
Indium	115-2	1351465	1340324	1341744	1344511	0.45	cps
Iron	56-2	12932	12318	12328	12526	2.81	cps
Iron	57-2	760	633	633	676	10.83	cps
Iron	54-2	1200	1263	1197	1220	3.08	cps
Krypton	83-1	90	83	47	73	31.81	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:21:33	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1280	1073	977	1110	13.96	cps
Lead	207-1	1040	987	833	953	11.25	cps
Lead	208-1	4927	4254	3984	4388	11.07	cps
Lithium	6-1	864078	888017	888110	880068	1.57	cps
Magnesium	24-2	1763	1600	1647	1670	5.04	cps
Manganese	55-2	383	387	410	393	3.69	cps
Molybdenum	94-1	1227	957	960	1048	14.79	cps
Molybdenum	95-1	810	590	623	674	17.58	cps
Molybdenum	96-1	940	840	730	837	12.55	cps
Molybdenum	97-1	540	417	360	439	20.97	cps
Molybdenum	98-1	1353	1143	990	1162	15.69	cps
Neodymium	150-1	0	3	7	3	100.05	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	47	60	50	52	13.28	cps
Phosphorus	31-2	83	77	80	80	4.16	cps
Potassium	39-2	28563	28183	27535	28094	1.85	cps
Rhodium	103-1	3872427	3980013	3991856	3948099	1.67	cps
Rhodium	103-2	2251948	2209231	2201511	2220897	1.22	cps
Scandium	45-1	2059441	2102044	2108729	2090071	1.28	cps
Scandium	45-2	173952	173227	171461	172880	0.74	cps
Selenium	82-1	108	124	220	151	40.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	137	90	110	112	20.86	cps
Silicon	28-1	118668	119403	121909	119993	1.42	cps
Silver	107-1	280	277	293	283	3.11	cps
Silver	109-1	247	283	233	254	10.18	cps
Sodium	23-2	16008	16002	15585	15865	1.53	cps
Strontium	86-1	933	803	723	820	12.93	cps
Strontium	88-1	7232	5971	5114	6106	17.45	cps
Sulfur	34-1	114733	114351	114797	114627	0.21	cps
Terbium	159-1	6463700	6512389	6580418	6518836	0.90	cps
Terbium	159-2	3957290	3983991	3933143	3958141	0.64	cps
Thallium	203-1	460	453	437	450	2.67	cps
Thallium	205-1	1097	1013	883	998	10.78	cps
Tin	118-1	5905	6438	6195	6179	4.32	cps
Titanium	47-1	187	207	183	192	6.56	cps

Reviewed By:jaswal
On:10/12/2024 4:20:55 AM
Inst Id :P7

LB Number :	LB132879	Operator :	Jaswal
Lab Sample ID :	CCB058	Instrumnet Name :	P7
Client Sample ID :	CCB058	Dilution Factor :	1
Date & Time Acquired :	2024-10-08 18:21:33	DataFile Name :	093CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	367	280	283	310	15.84	cps
Vanadium	51-2	27	37	13	26	45.82	cps
Yttrium	89-1	7052376	7060836	7086512	7066575	0.25	cps
Yttrium	89-2	1713374	1681659	1686905	1693979	1.00	cps
Zinc	66-2	130	170	137	146	14.72	cps
Zirconium	90-1	2040	1657	1587	1761	13.86	cps
Zirconium	91-1	467	350	300	372	22.98	cps

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Prep Standard - Chemical Standard Summary

Order ID : P2817

Test : Metals CLP MS FULL

Prepbatch ID : PB163776,

Sequence ID/Qc Batch ID: LB132877,LB132879,

Standard ID :
MP81119,MP82127,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82583,MP82585,MP82586,MP82587,

Chemical ID :
M5192,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6040,M6055,W2606,W3112,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
169	1:1HNO3	MP81119	06/21/2024	10/24/2024	Al-Terek Isaac	METALS_SCALE_2 (M SC-2)	METALS_PIPETTE_1 (ICP A)	Sarabjit Jaswal 06/21/2024

FROM 1250.00000ml of M5935 + 1250.00000ml of W2606 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
170	1:1HCL	MP82127	09/03/2024	02/08/2025	Janvi Patel	None	None	Sarabjit Jaswal 09/03/2024

FROM 1250.00000ml of M6040 + 1250.00000ml of W3112 = Final Quantity: 2500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/22/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP82571	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 48.50000ml of W3112 + 50.00000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP82572	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP82573	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 86.00000ml of W3112 + 12.50000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP82574	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP82575	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = Final Quantity: 250.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP82576	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_2 (ICP B)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 98.00000ml of W3112 + 0.50000ml of MP82575 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP82577	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP82578	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP82580	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3964	CONC.LCSS SPIKE	MP82583	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5982 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M5192 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 1.25000ml of M6021 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5769 + 12.50000ml of M5806 + 158.75000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6040 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP82586	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 /Jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 /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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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.	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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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.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 /Janvi	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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R 8/5/24

M6028

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847

CERTIFIED WEIGHT REPORT:

Part Number: 57048
Lot Number: 070124
Description: Cadmium (Cd)

Expiration Date: 070127
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.07

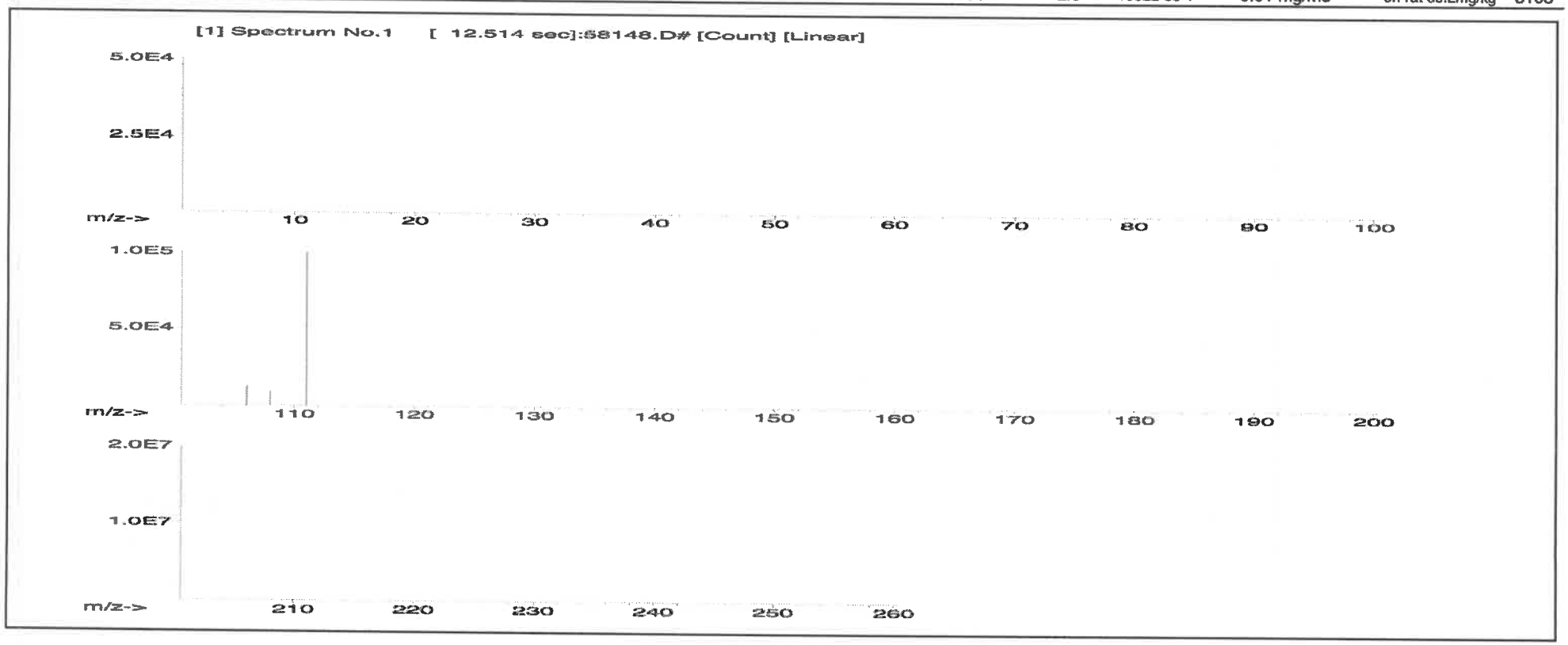
	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
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



848

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 8/5/24

849

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

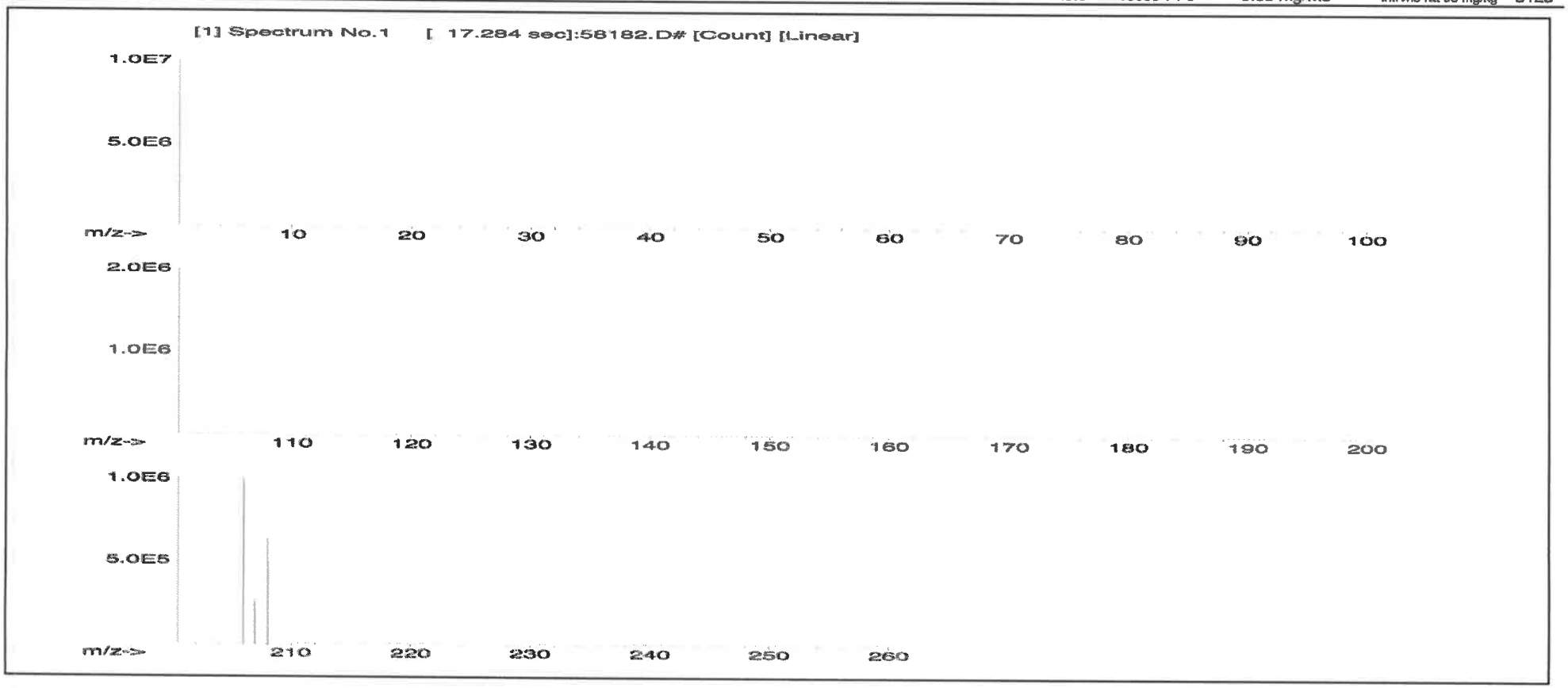
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



850

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)
Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Volume shown below was diluted to (mL): 3000.41

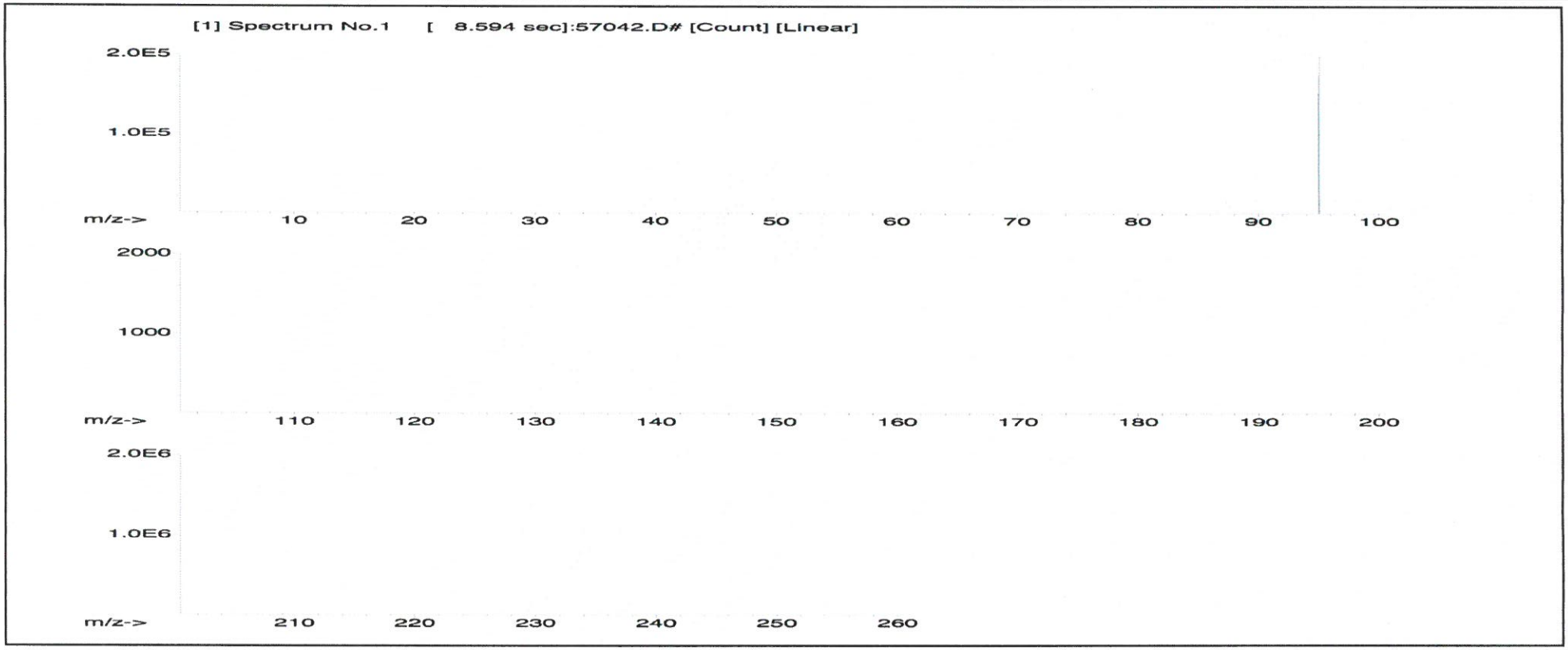
Lot #	Solvent:		
MKBQ8597V	Ammonium hydroxide		
0.5%	15.0 (mL)	Ammonium hydroxide	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By: Lawrence Barry 051722
Reviewed By: Pedro L. Rentas 051722

851

	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



852

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.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

V15200 R: 04/24/22 (BP)

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853

CERTIFIED WEIGHT REPORT:

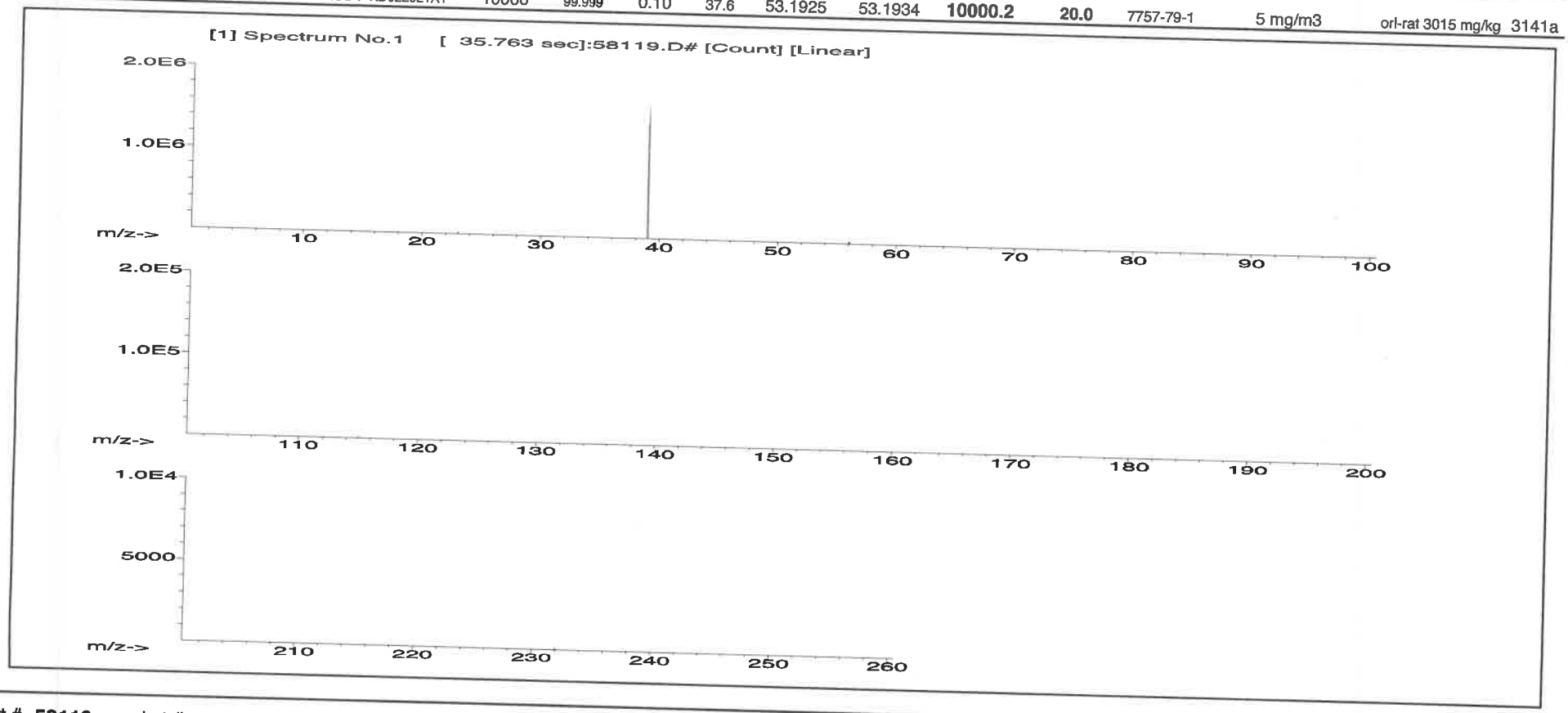
Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
5E-05	Balance Uncertainty		
0.058	Flask Uncertainty		

Formulated By: Lawrence Barry 071122
Reviewed By: Pedro L. Rentas 071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5289 R: 07/12/22 BH

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CERTIFIED WEIGHT REPORT:

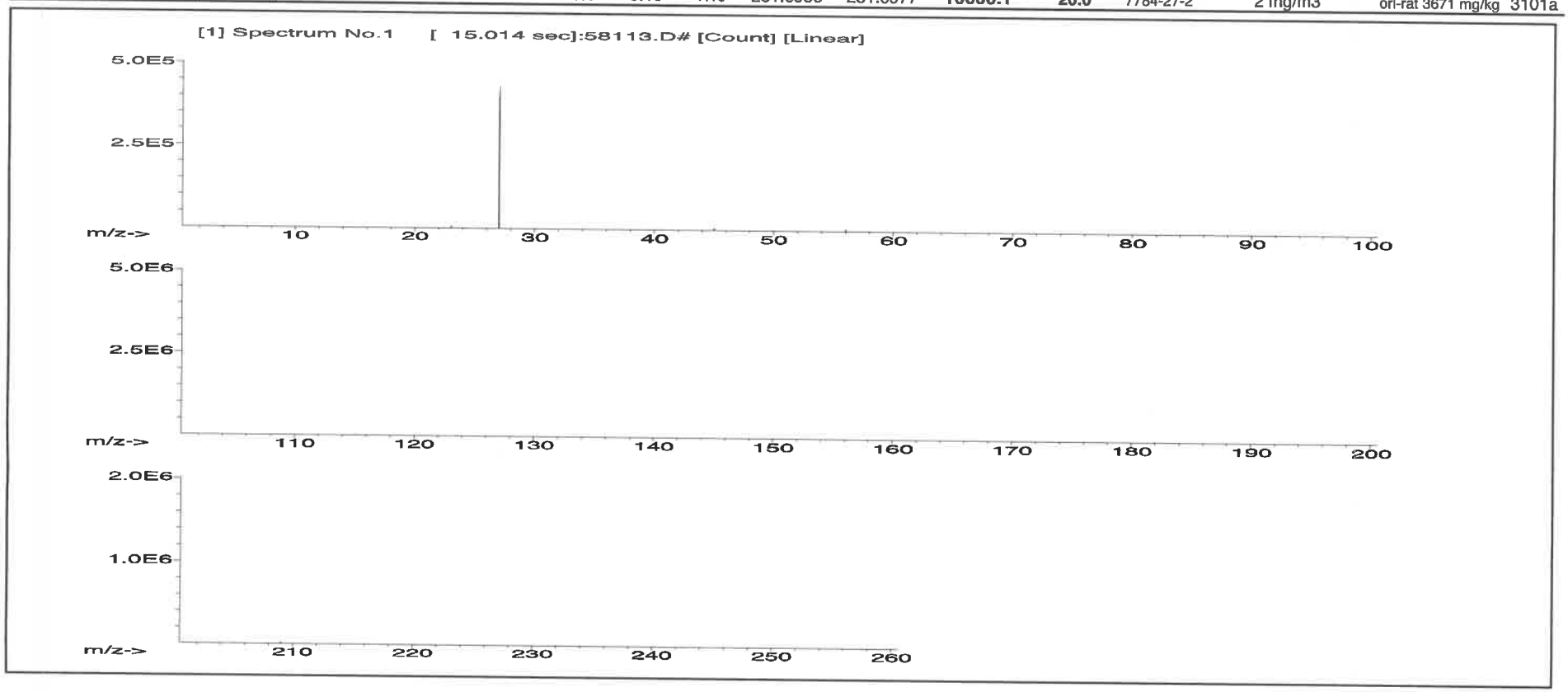
Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

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.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver,	Aluminum,
Arsenic,	Barium,
Beryllium,	Calcium,
Cadmium,	Cobalt,
Chromium,	Copper,
Iron,	Potassium,
Magnesium,	Manganese,
Sodium,	Nickel,
Lead,	Antimony,
Selenium,	Thallium,
Vanadium,	Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

HF Note: This standard should not be prepared or stored in glass.

Low Silver Note: This solution contains “LOW” levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

October 20, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **October 20, 2026**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

R:09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

863

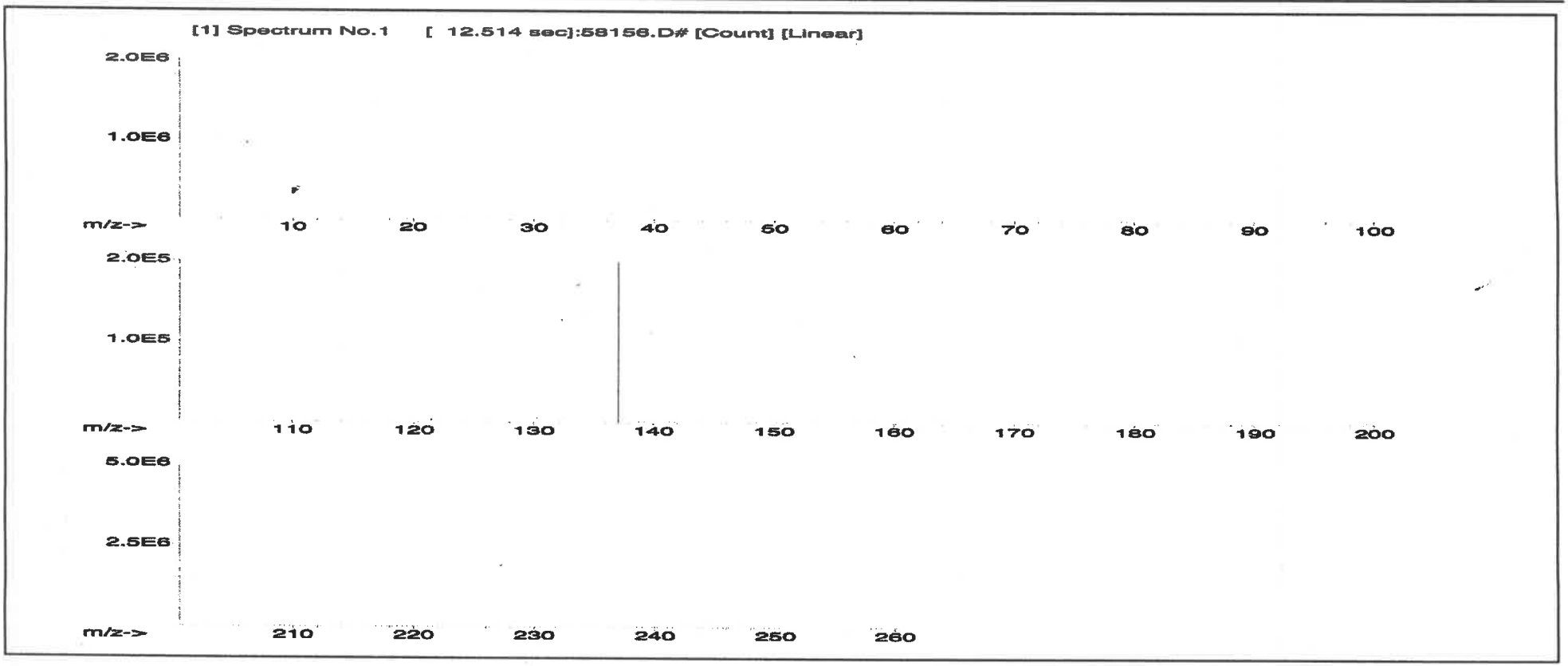
CERTIFIED WEIGHT REPORT:

Part Number:	**57056**		**Lot #**		
Lot Number:	**072122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	072125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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www.absolutestandards.com

Certified Reference Material CRM

IN5497 - IN5498 R: 03/17/23 BH

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

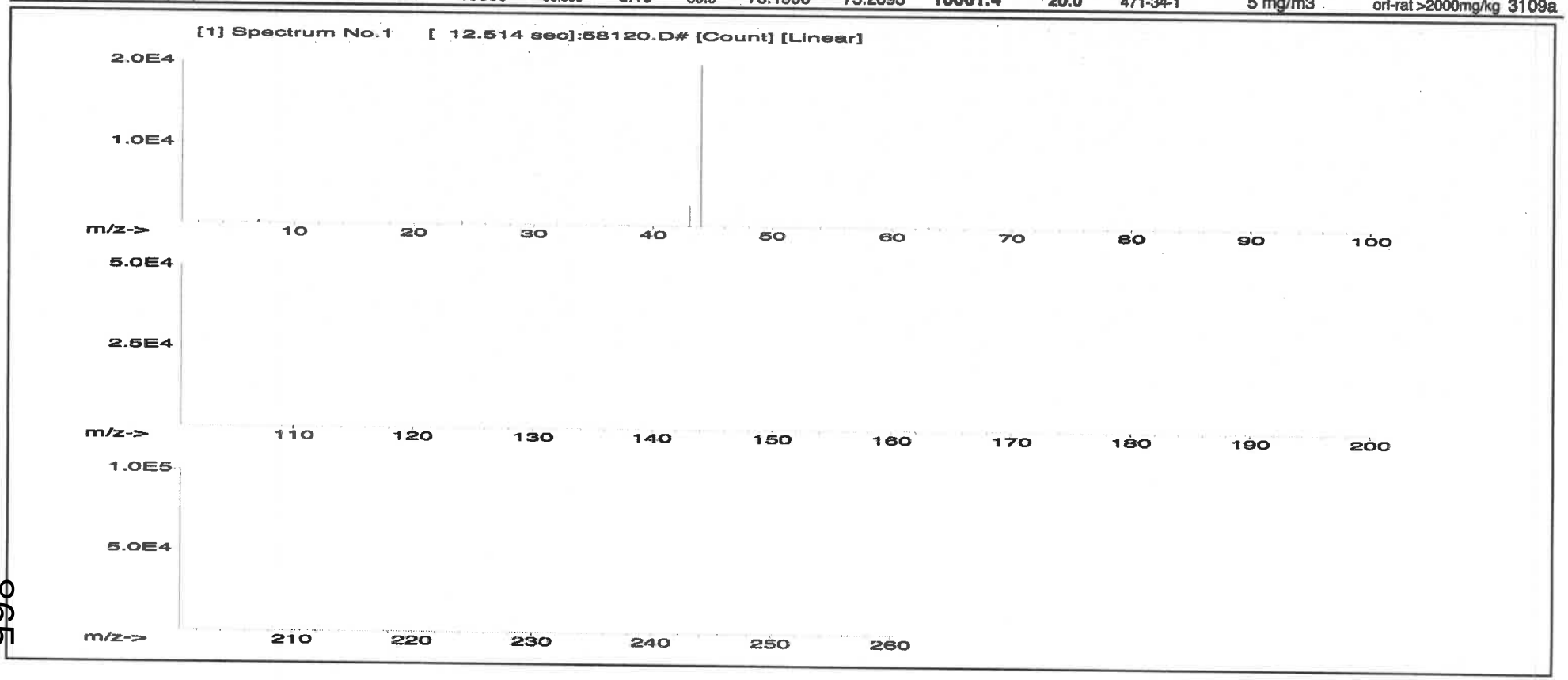
5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By: Giovanni Esposito 031523

Reviewed By: Pedro L. Rentas 031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



865

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

998

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

MS513 R:03/17/23 BE

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

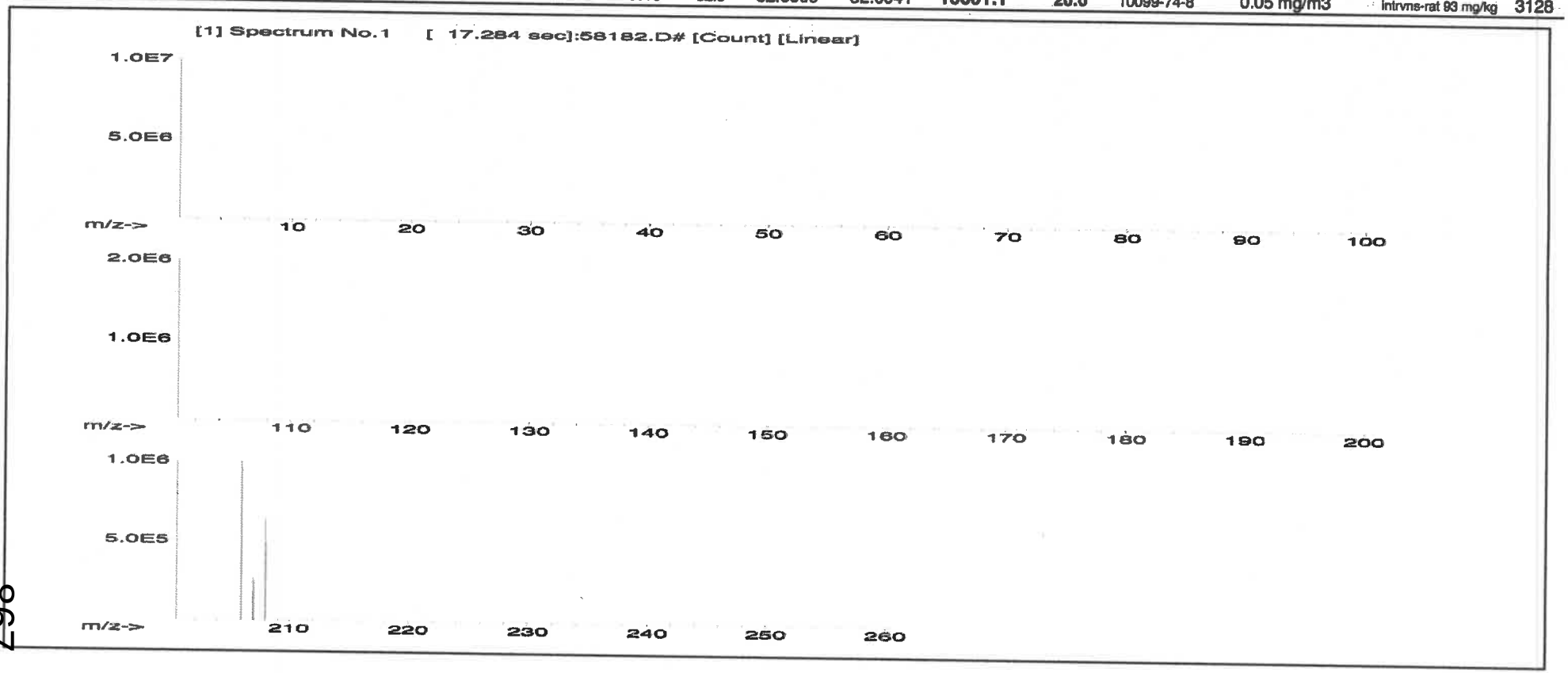
Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

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



867

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

MS514 - MS515 R: 03/17/22

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 092122
Description: Iron (Fe)

Expiration Date: 092125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 5000.1 ± 0.12 Flask Uncertainty

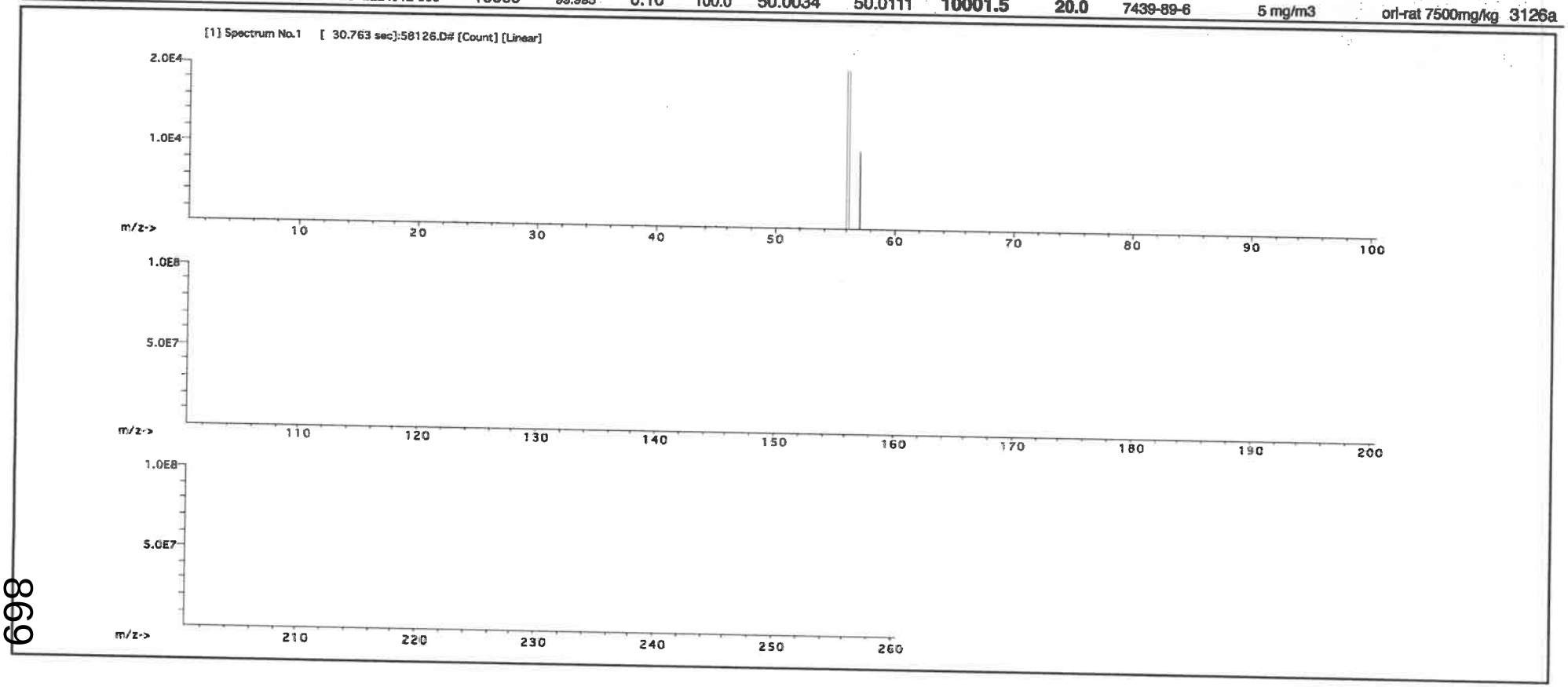
	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	092122
Reviewed By:	Pedro L. Rentas	092122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Iron (Fe)	IN346	2224912-500	10000	99.995	0.10	100.0	50.0034	50.0111	**10001.5**	**20.0**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a



869

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

870

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Certified Reference Material CRM

M5519. M5520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

871

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

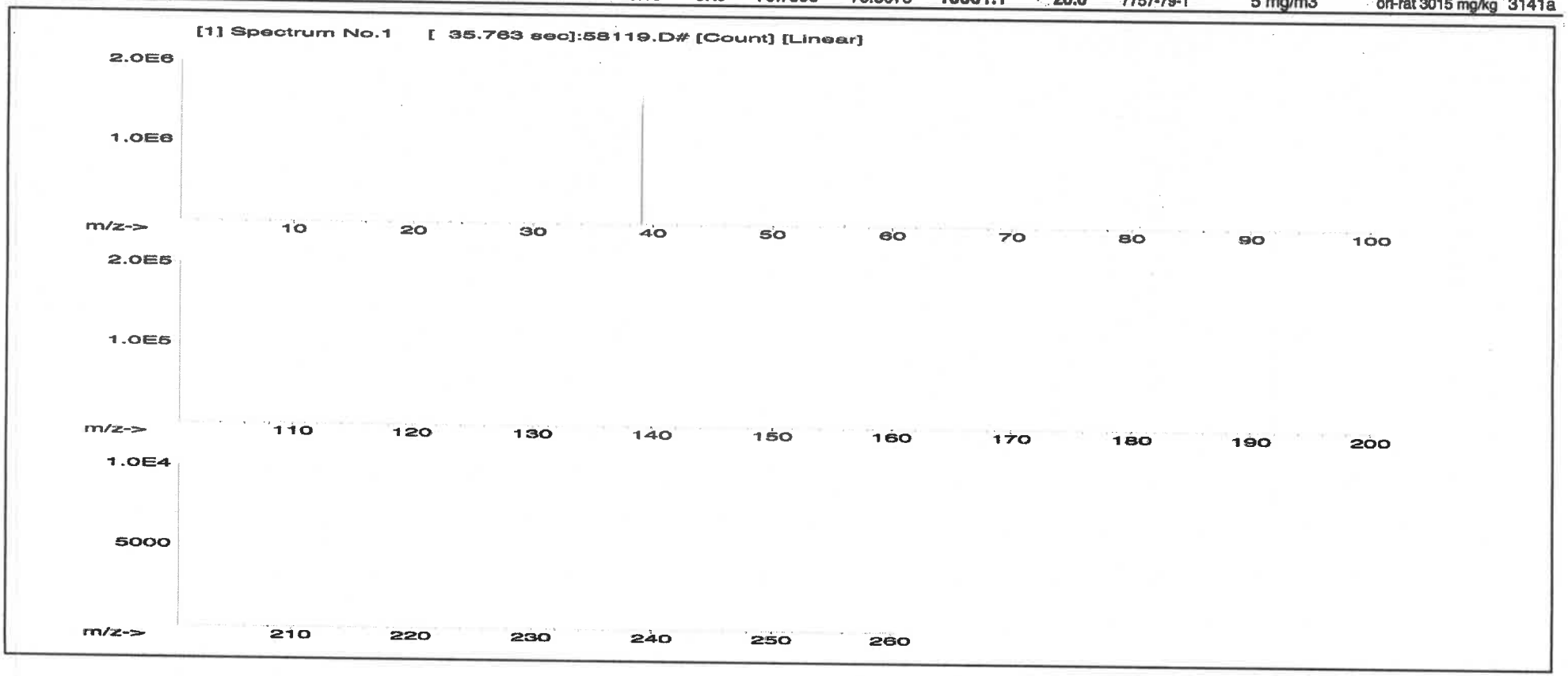
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

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



872

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certificate of Analysis

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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 (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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M5657 A: 8/29/22

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-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:

878

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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Certified Reference Material CRM

M5658 R ! 8/25/23

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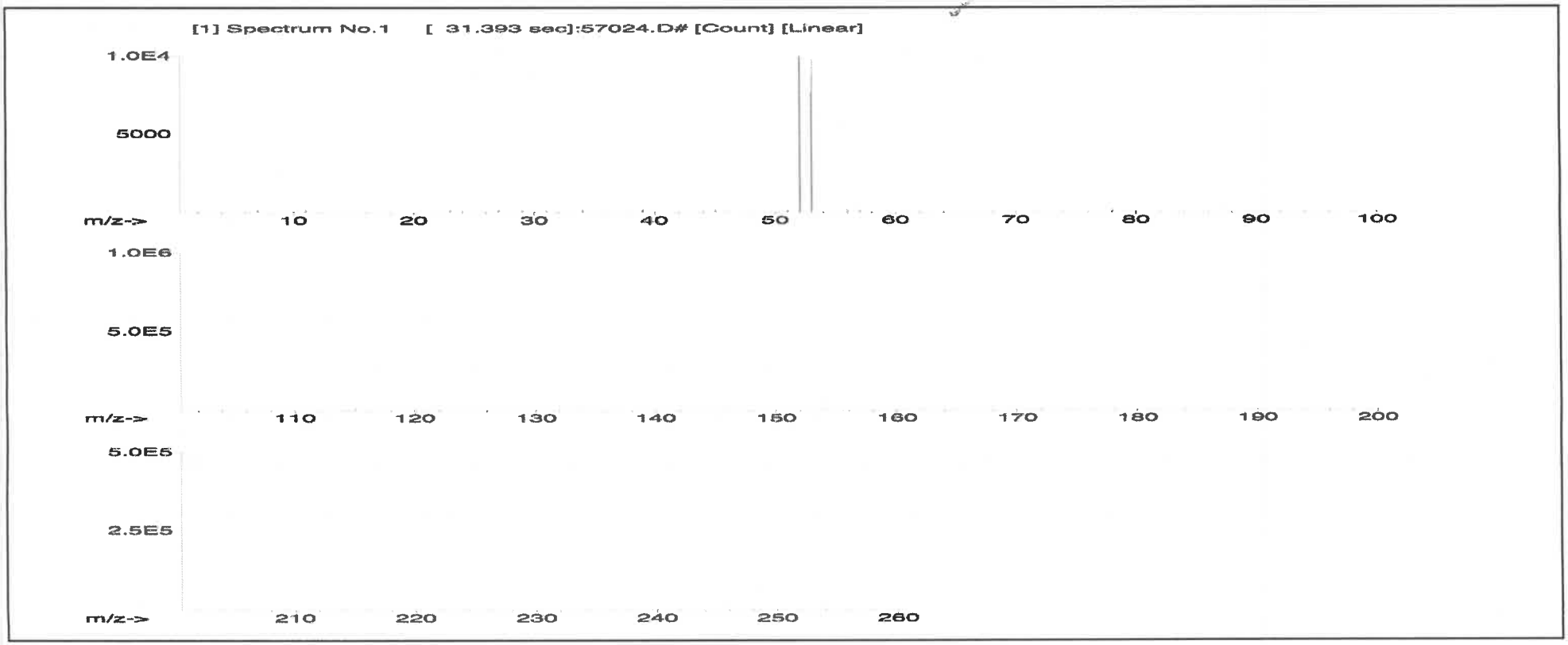
882

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



883

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

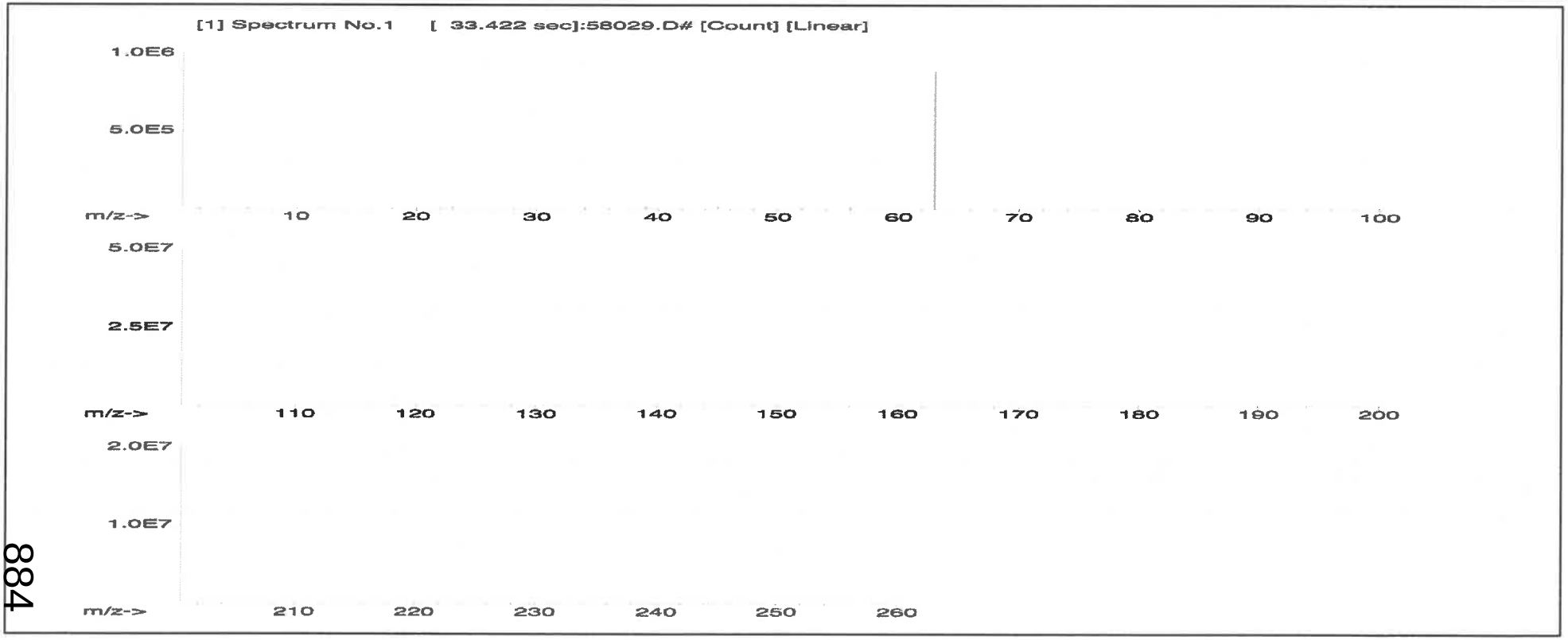
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AR-1539 Certificate Number
https://Absolutestandards.com

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



884

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	T	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5648 R: 10/27/23

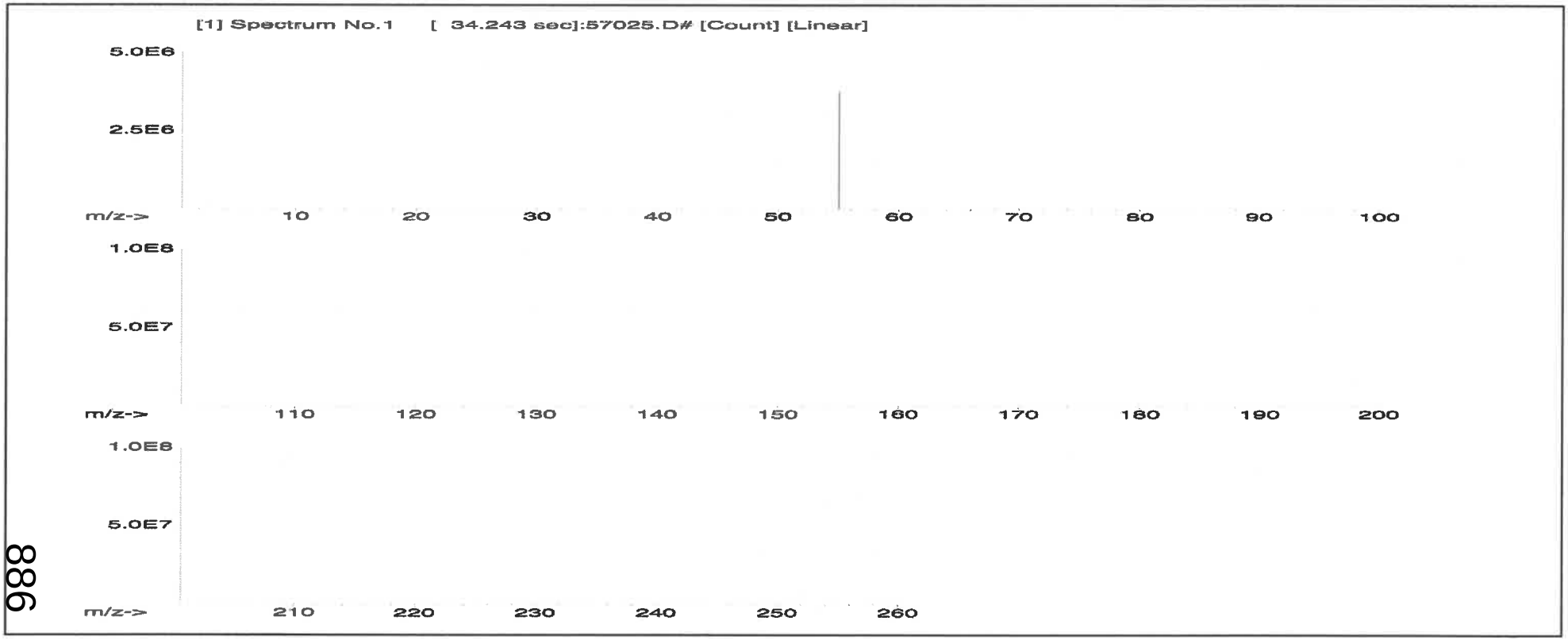
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58025**	24002546	Nitric Acid	
Lot Number:	**102623**			
Description:	**Manganese (Mn)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	102626			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102623
Reviewed By:	Pedro L. Rentas	102623

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.1000	300.0	0.084	1000	10000.1	**1000.0**	**2.1**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132



886

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).

887

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M5768 M5769 (BP) R:1/3/24

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888

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid

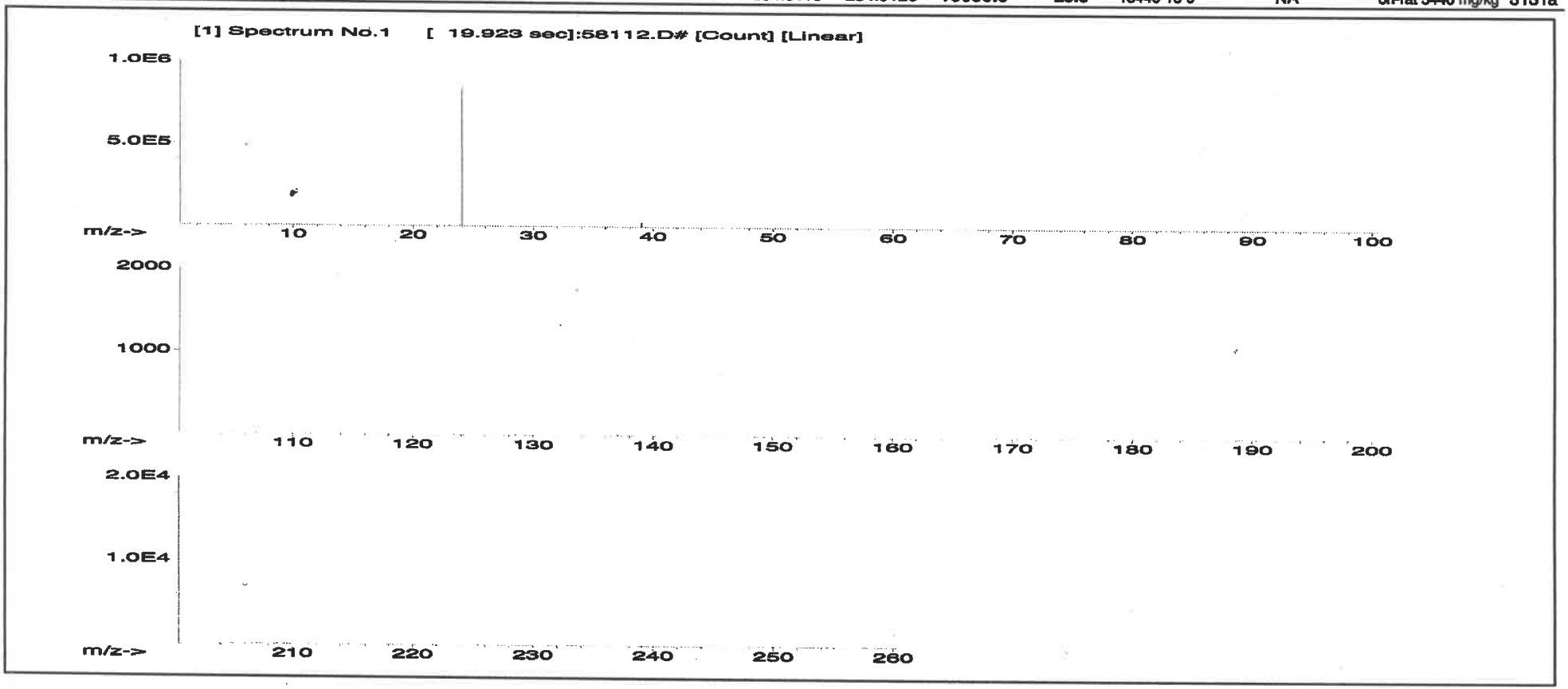
5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



688

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.
* 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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M5768 M5769 (BP) R:1/3/24

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890

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

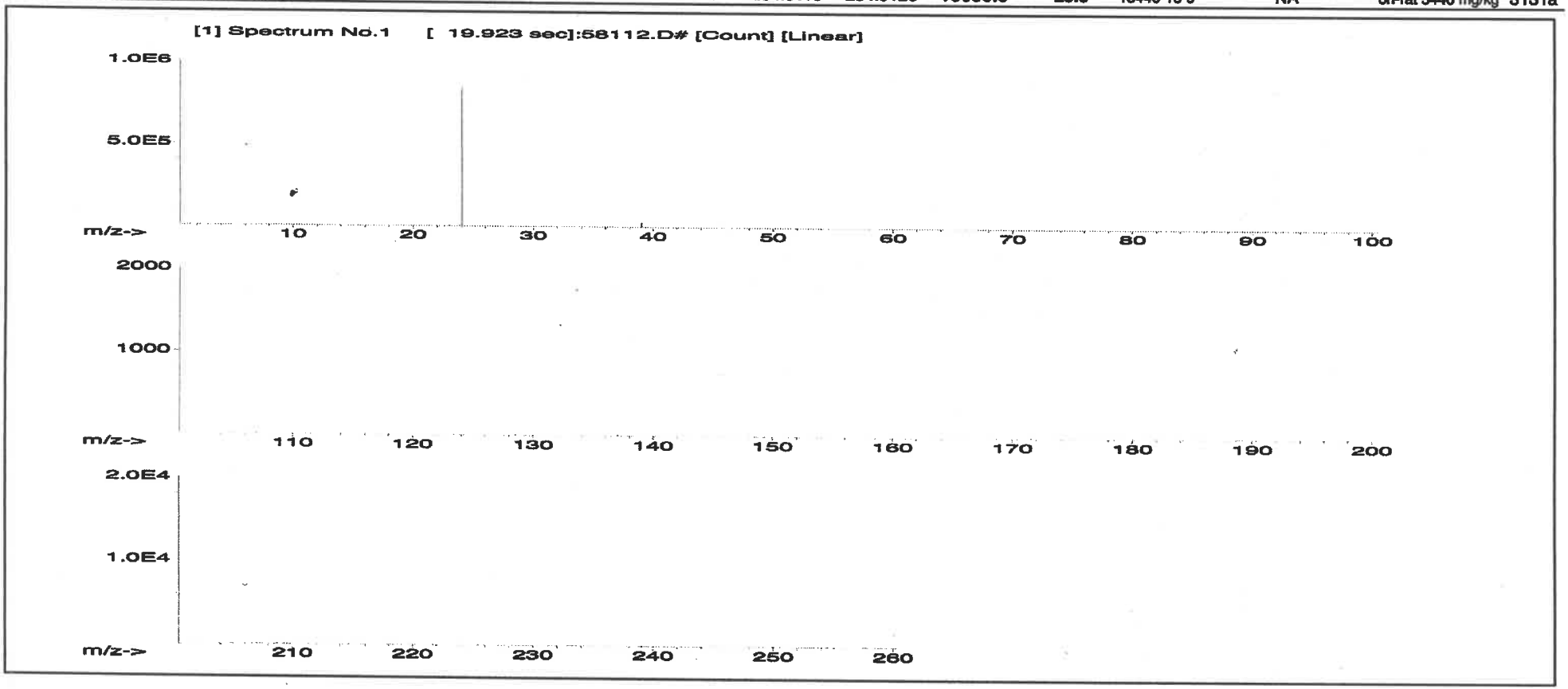
		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



891

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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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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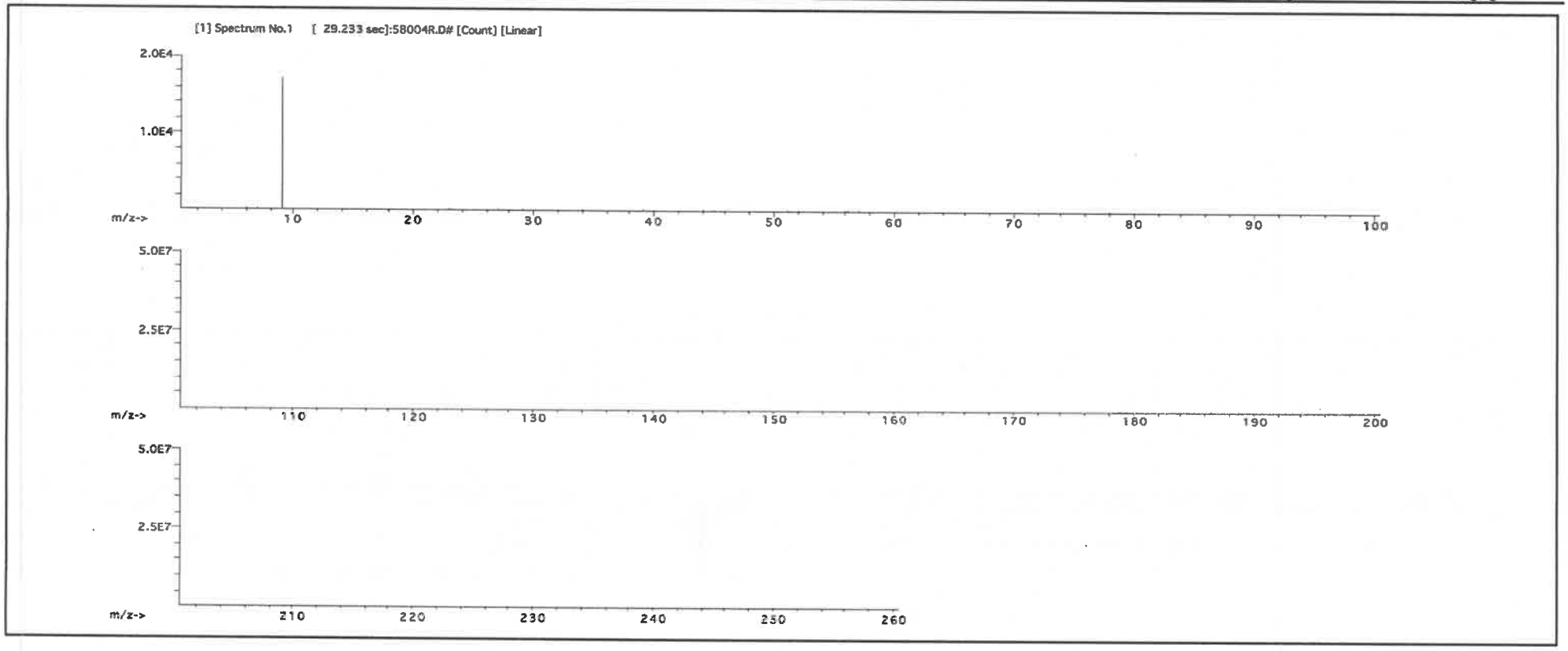
892

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.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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894

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

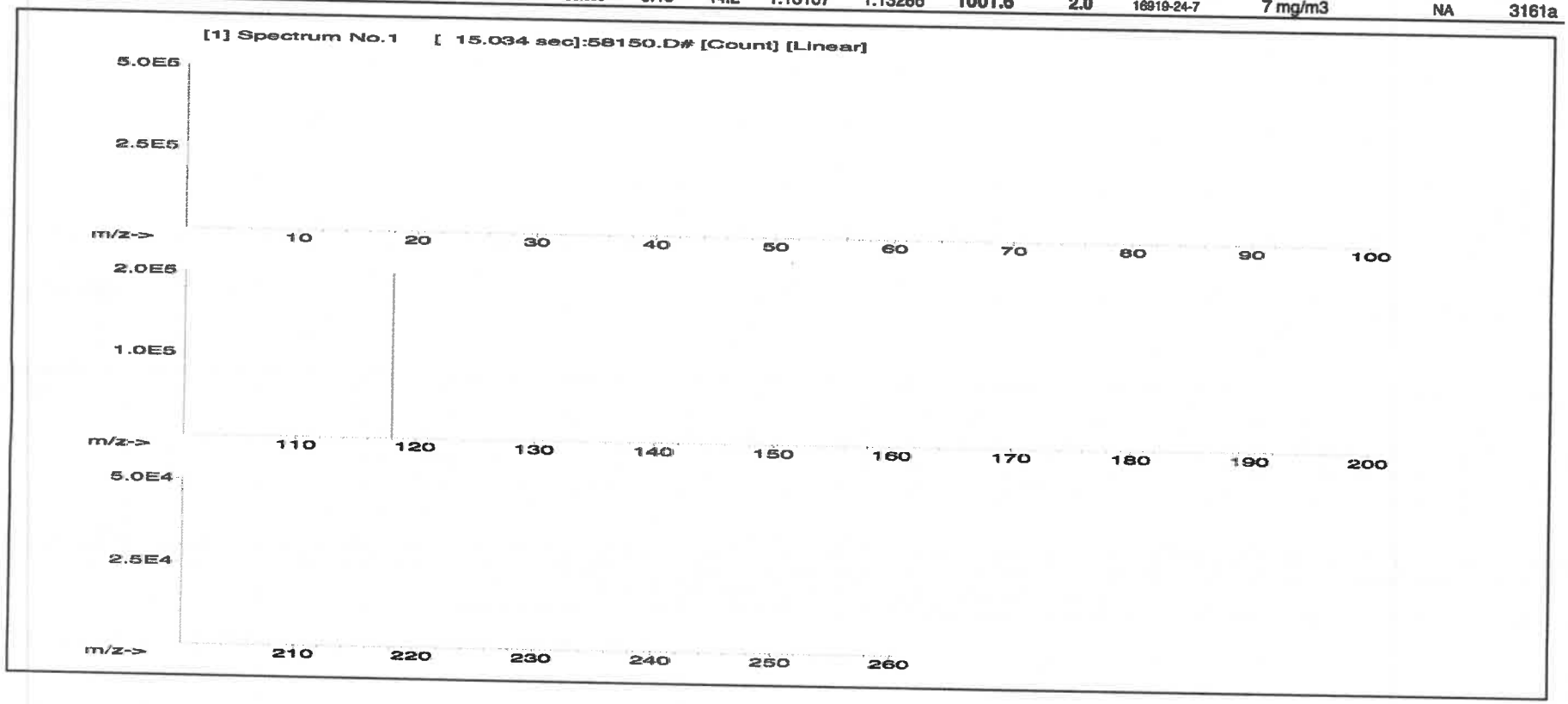
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



895

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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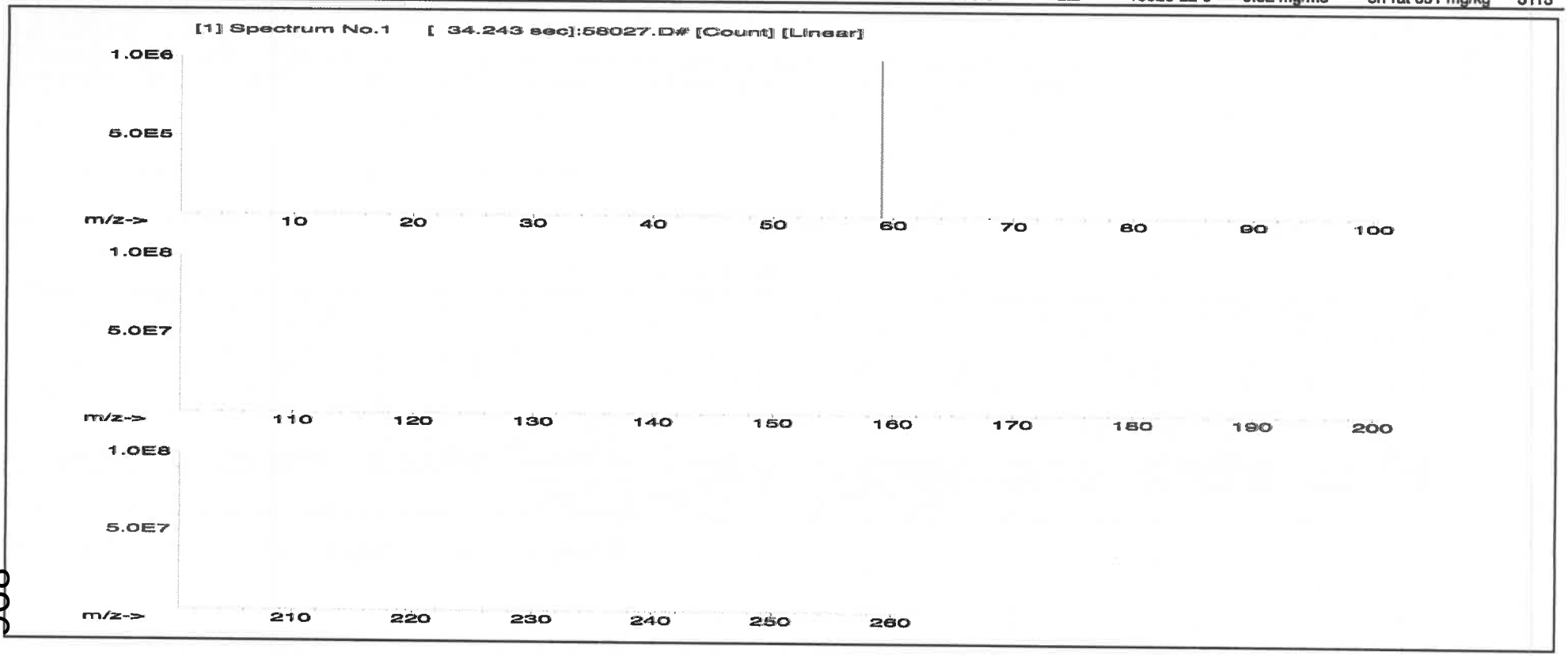
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CERTIFIED WEIGHT REPORT:

		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



968

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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897

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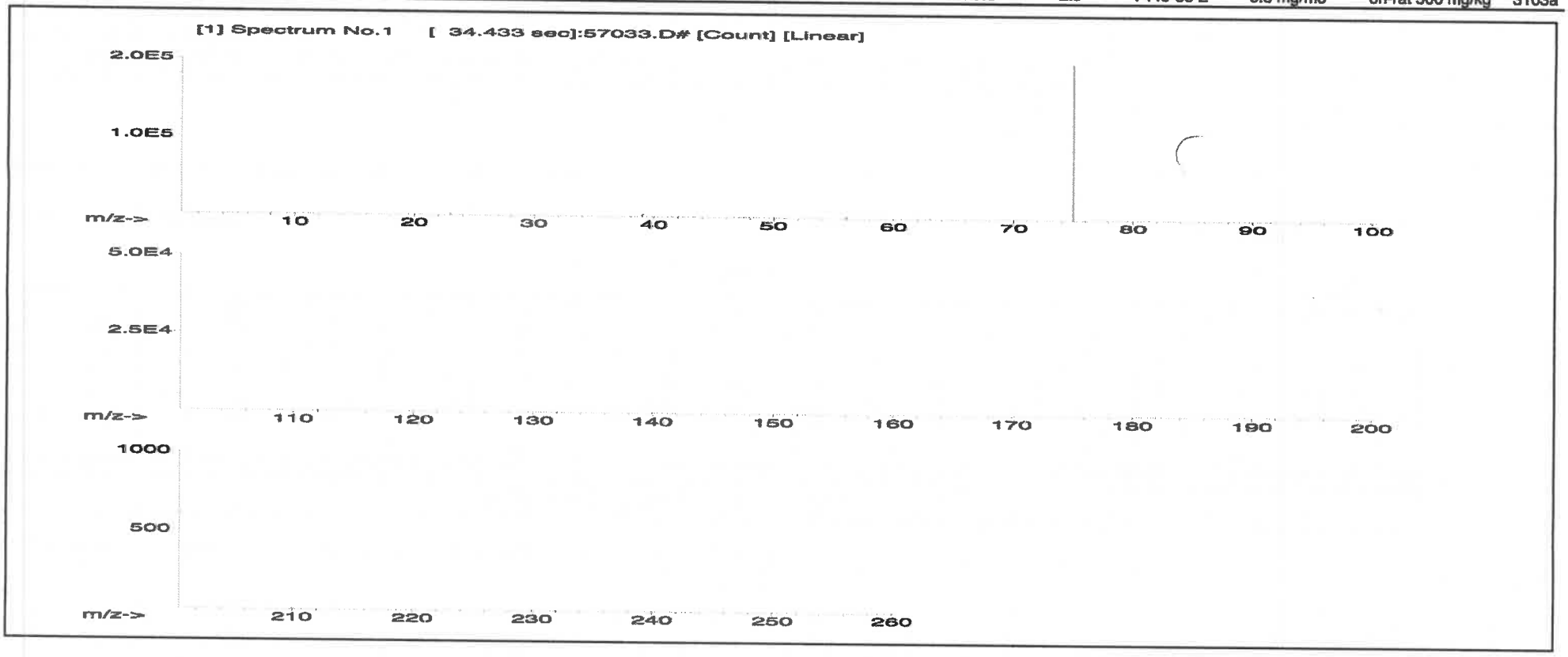
868

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



699

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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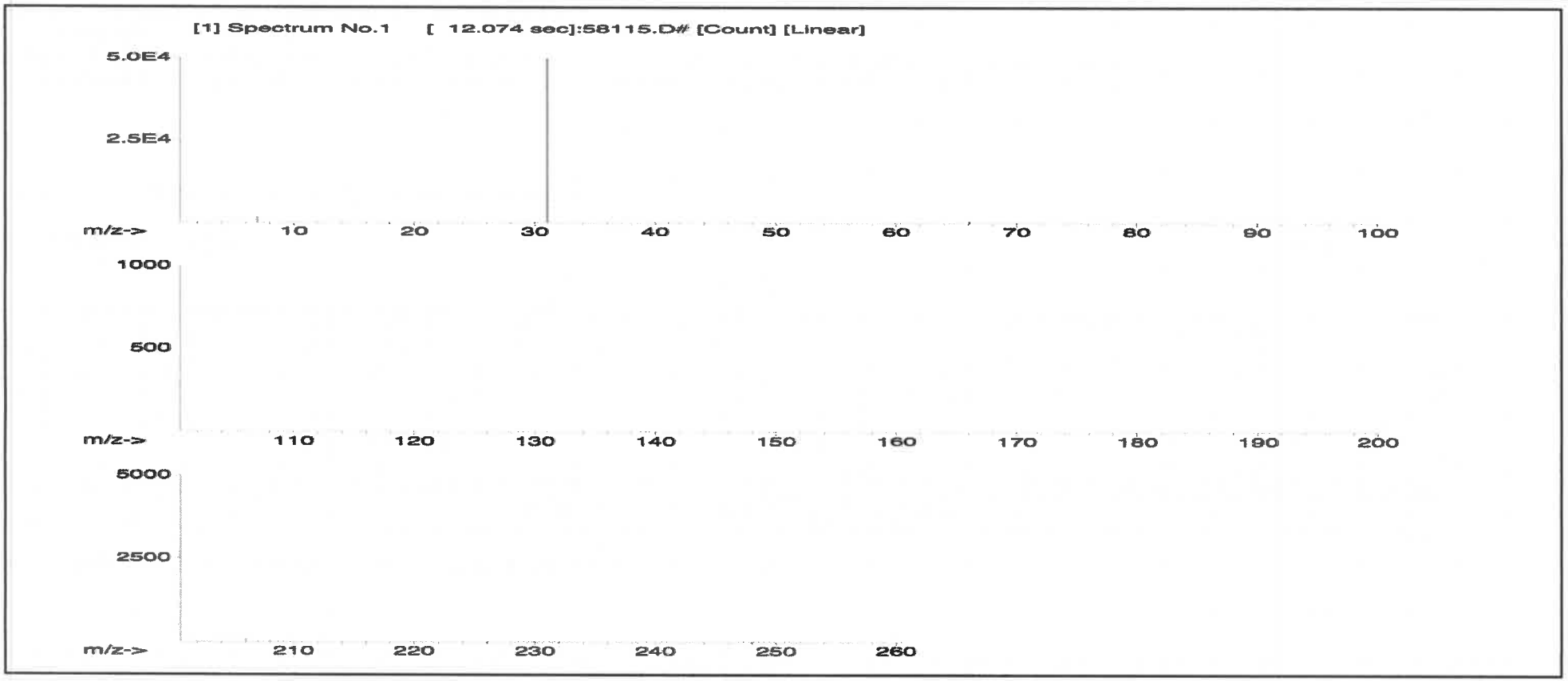
900

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



901

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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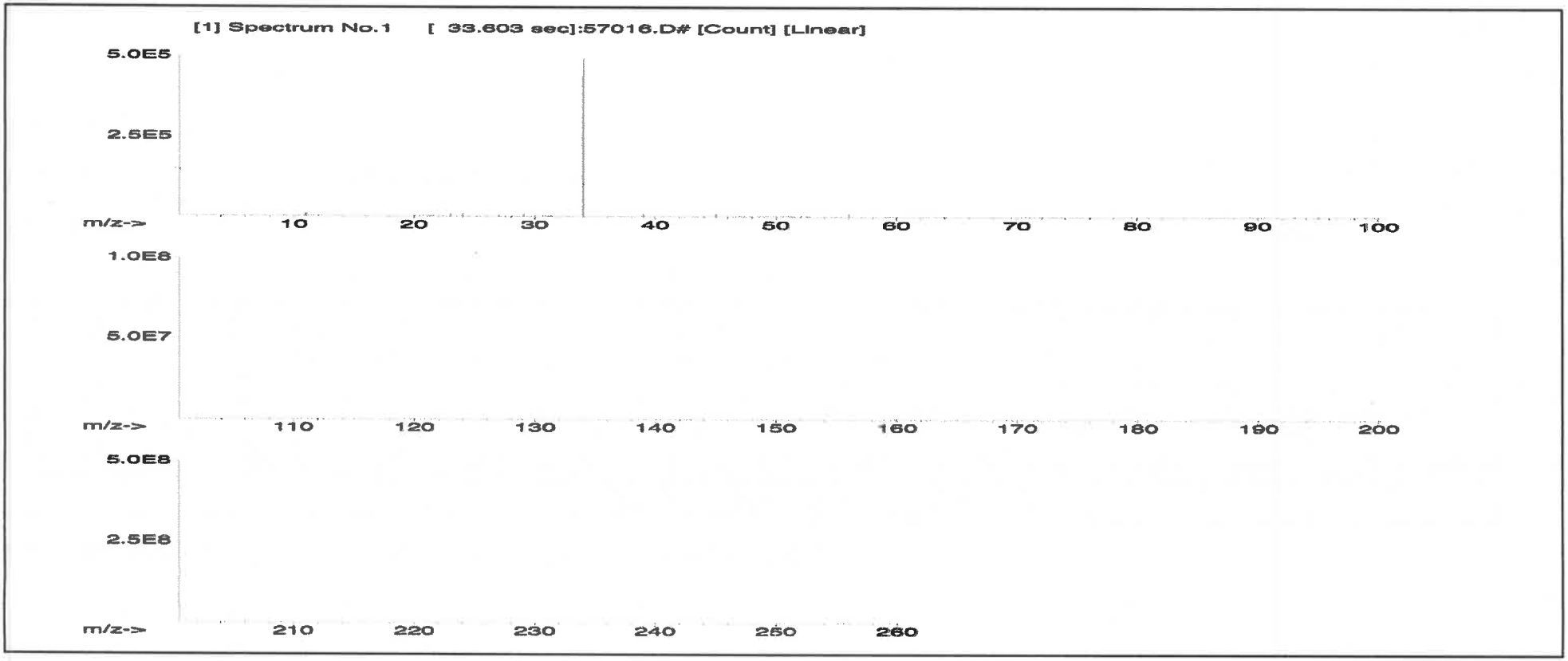
902

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



903

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

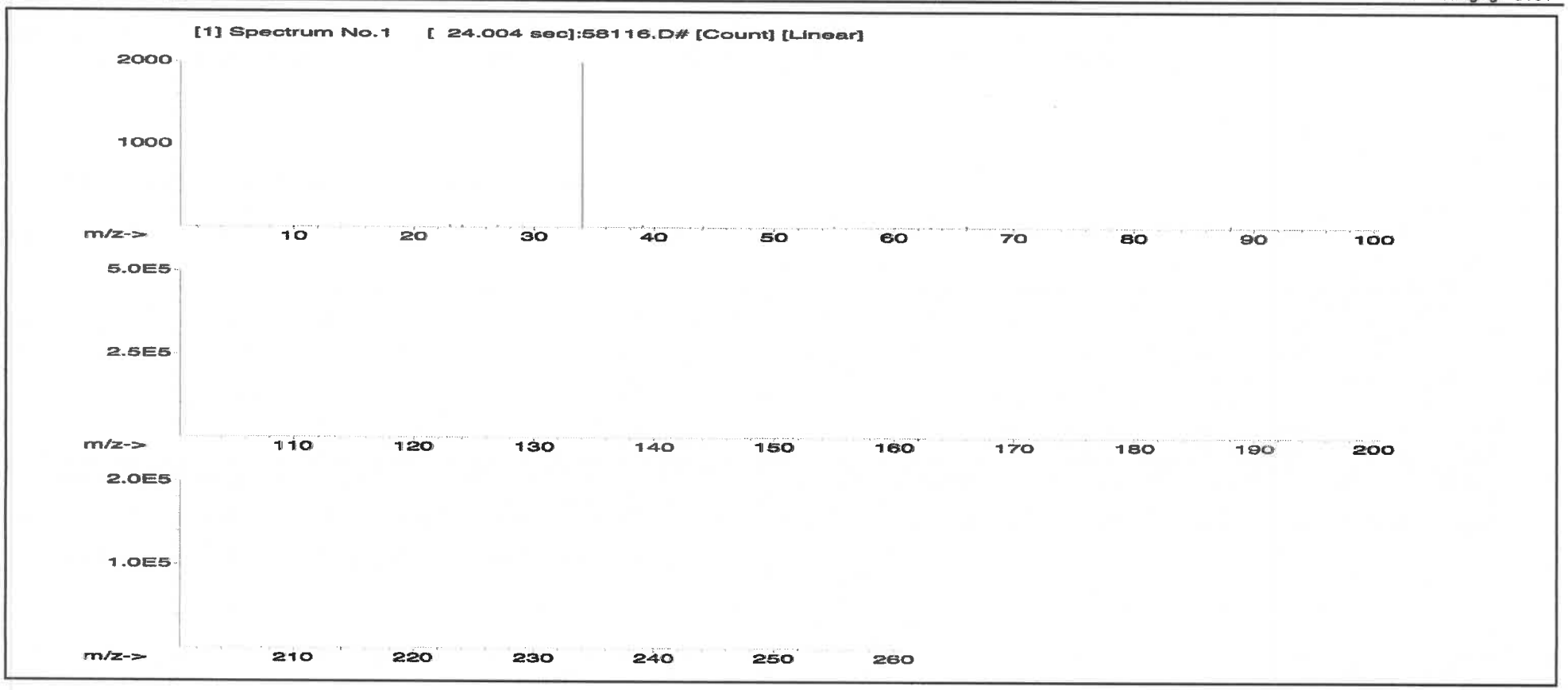
Lot #
Solvent: 071123 ASTM Type 1 Water

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

904

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



905

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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* 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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906

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

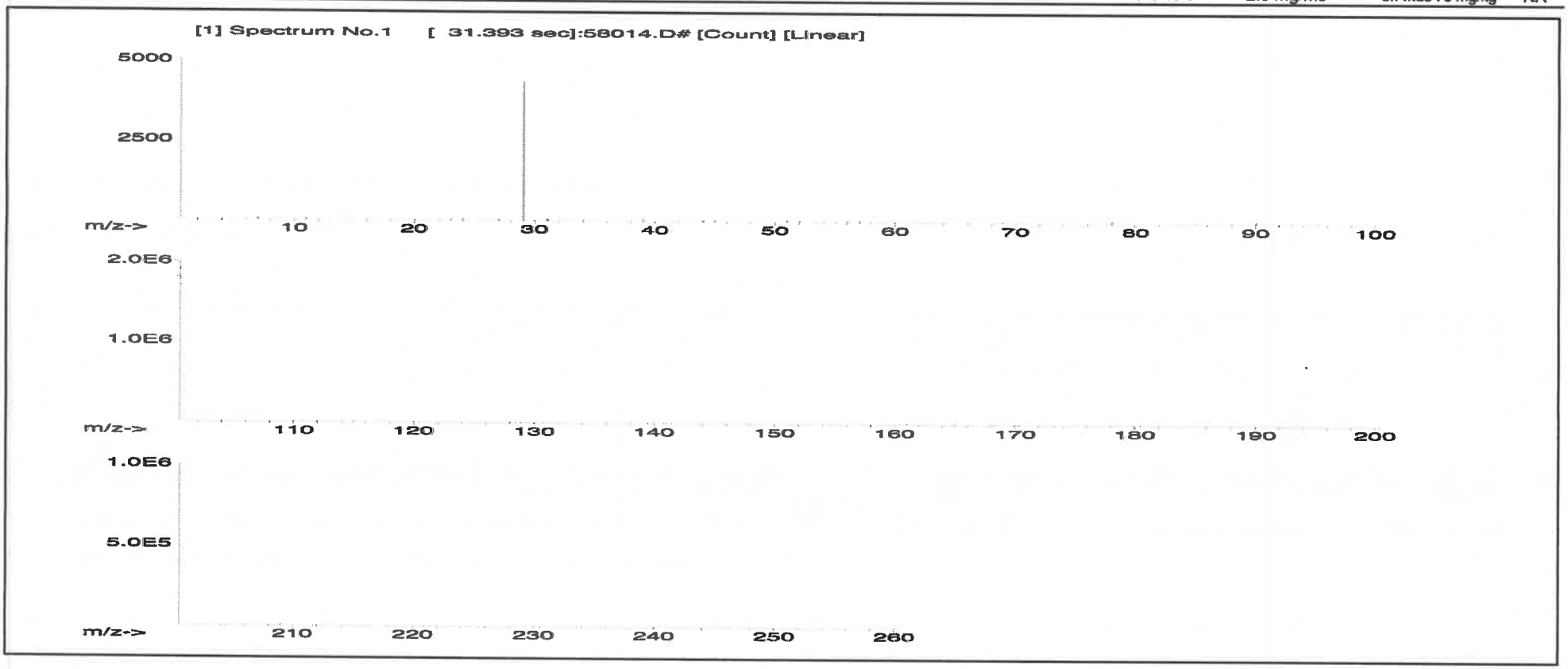
2% 40.0 (mL) Nitric Acid

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



907

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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* 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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908

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

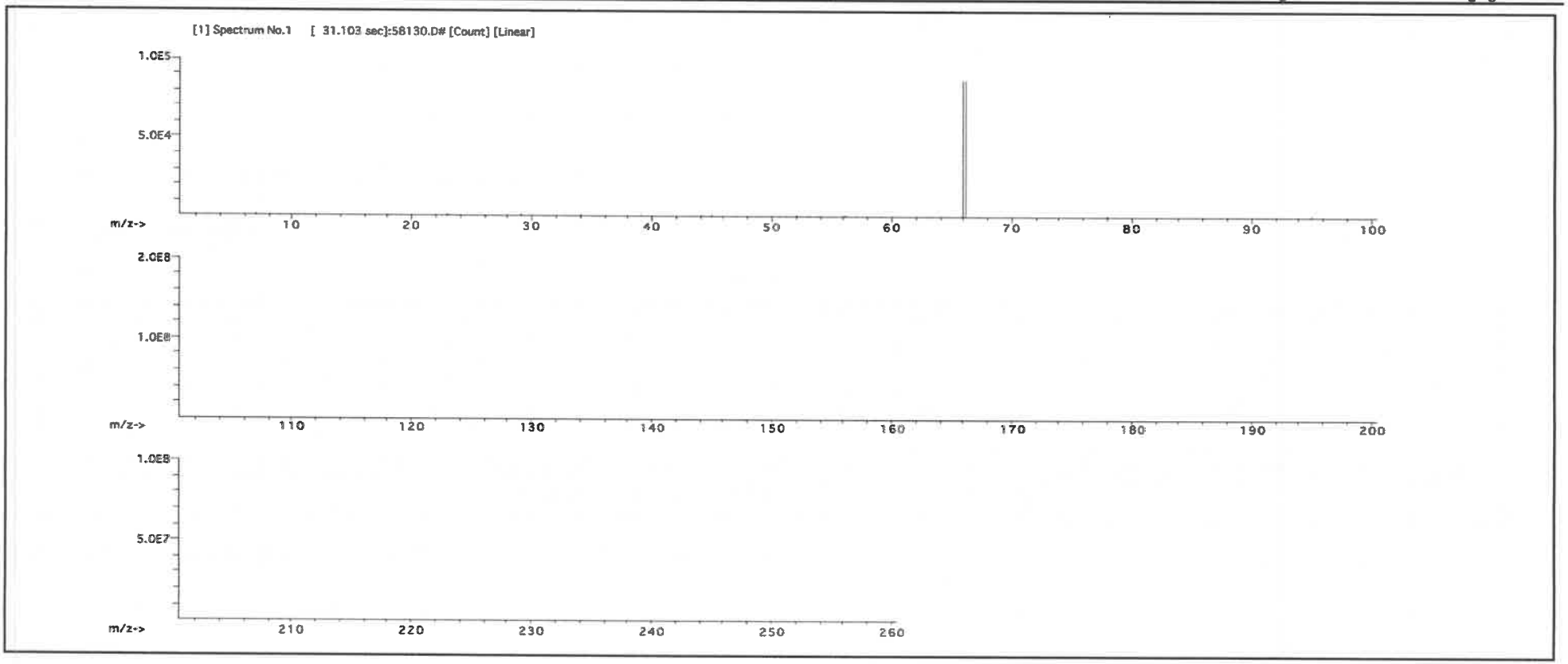
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	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



606

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* 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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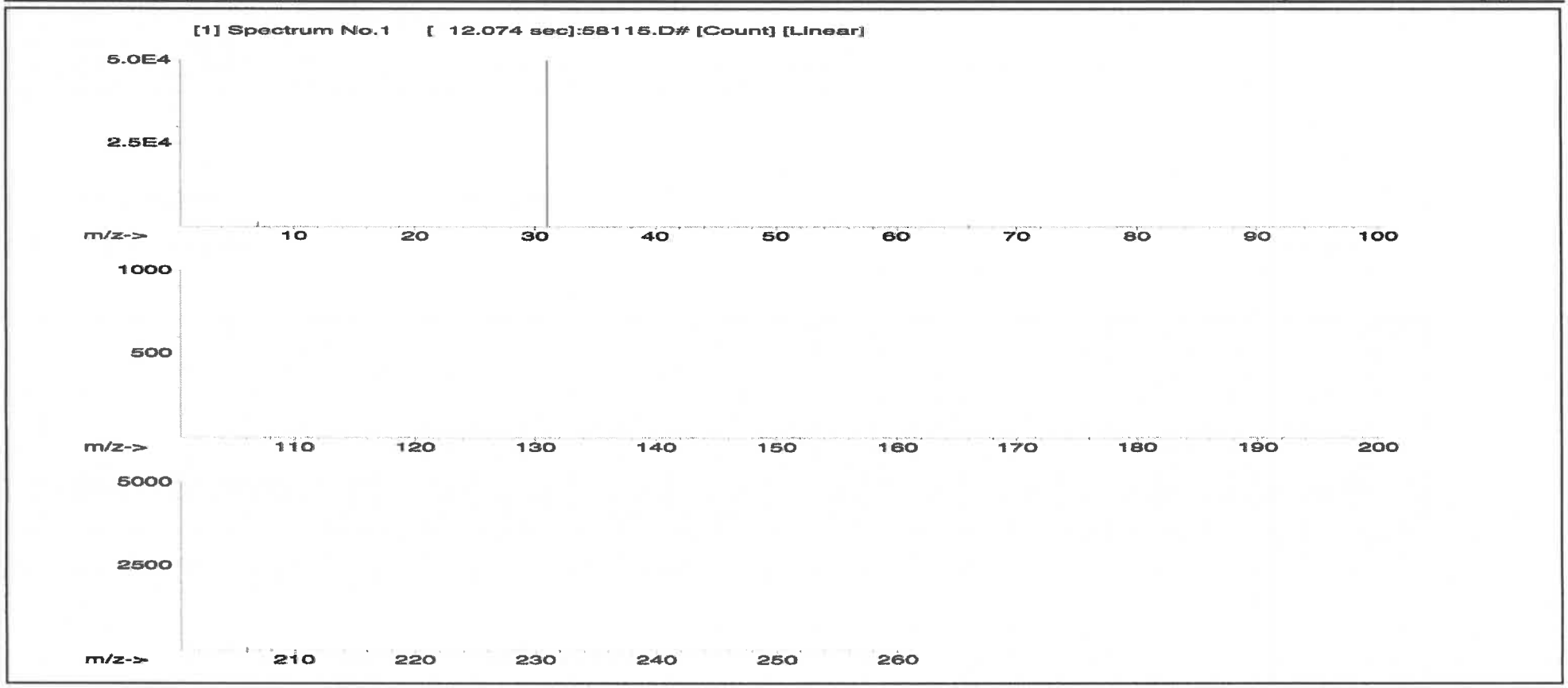
910

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	091126				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091123
Reviewed By:	Pedro L. Rentas	091123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	1000	99.999	0.10	27.5	7.2729	7.2730	**1000.0**	**2.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/k	3186



911

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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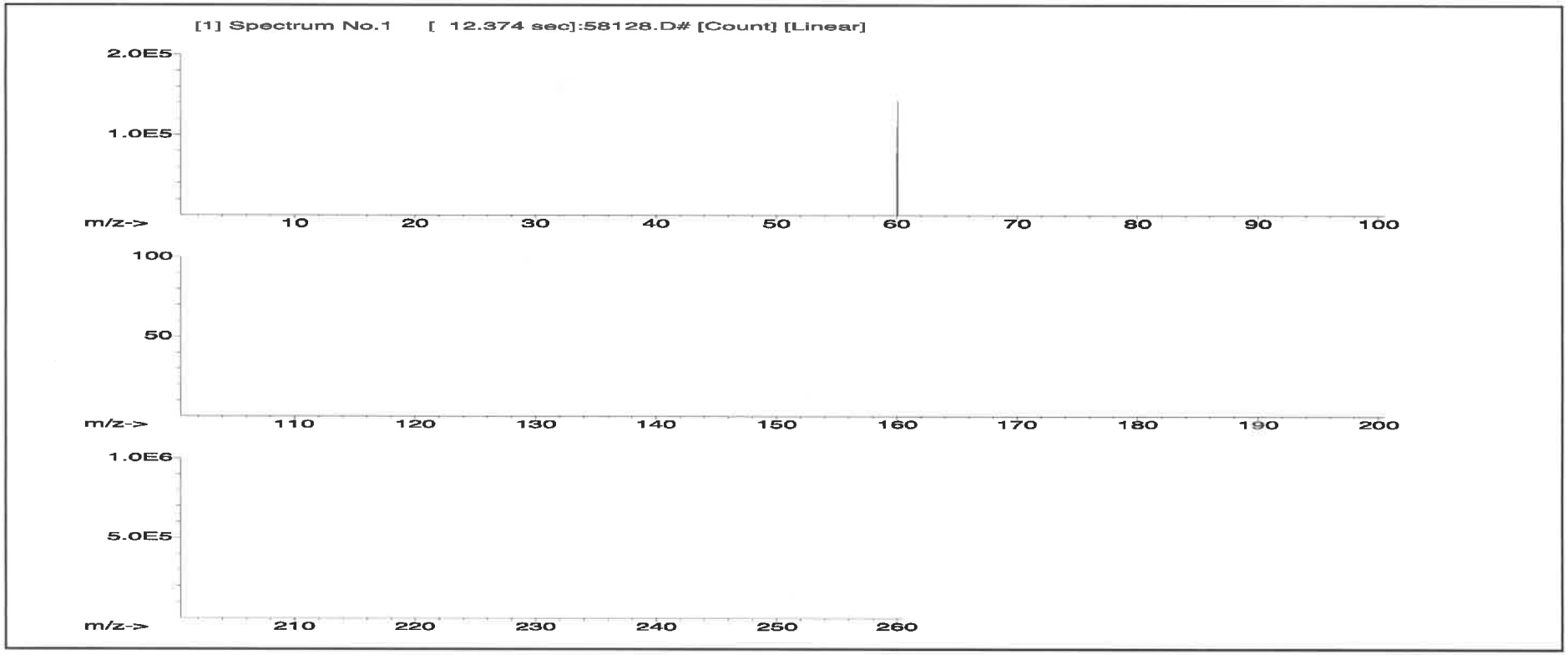
912

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



913

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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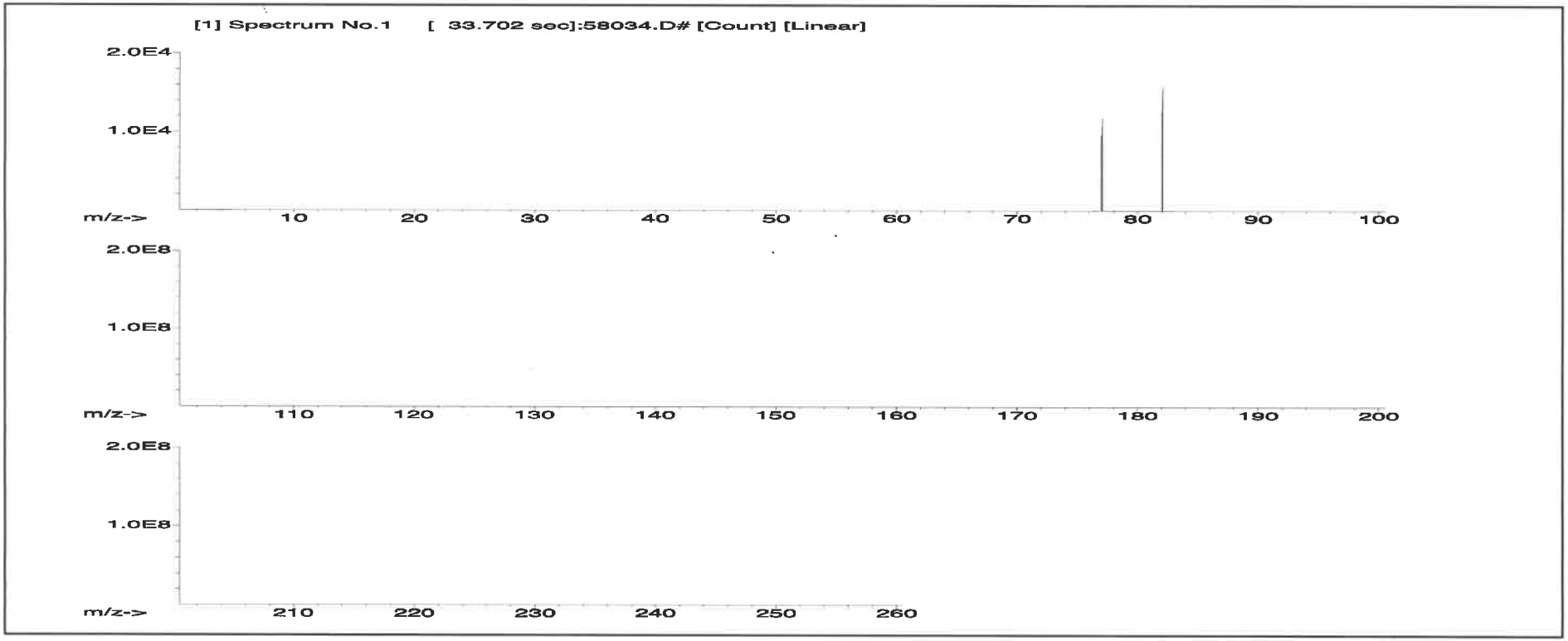
914

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



915

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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Certificate of Analysis

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

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4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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M5978, M5979

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$
w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with
$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization
u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

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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		

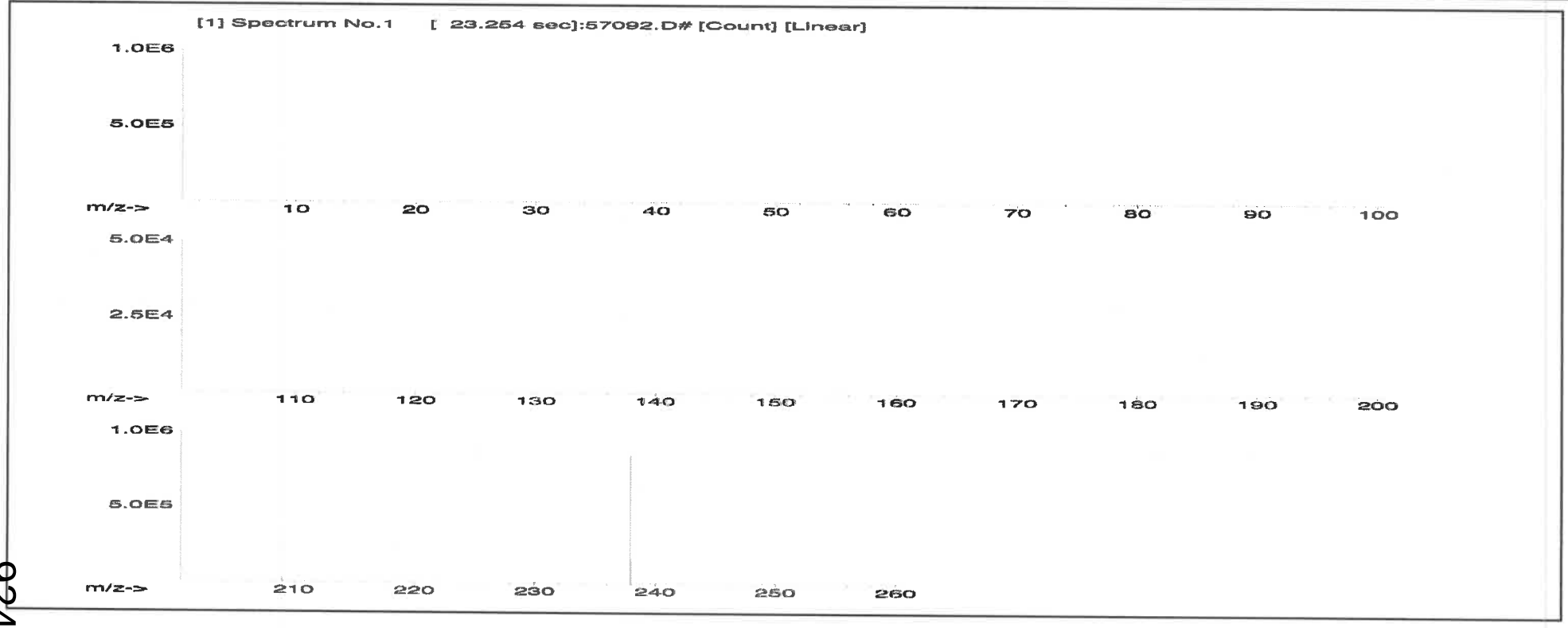
Giovanni Esposito

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



924

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).

925

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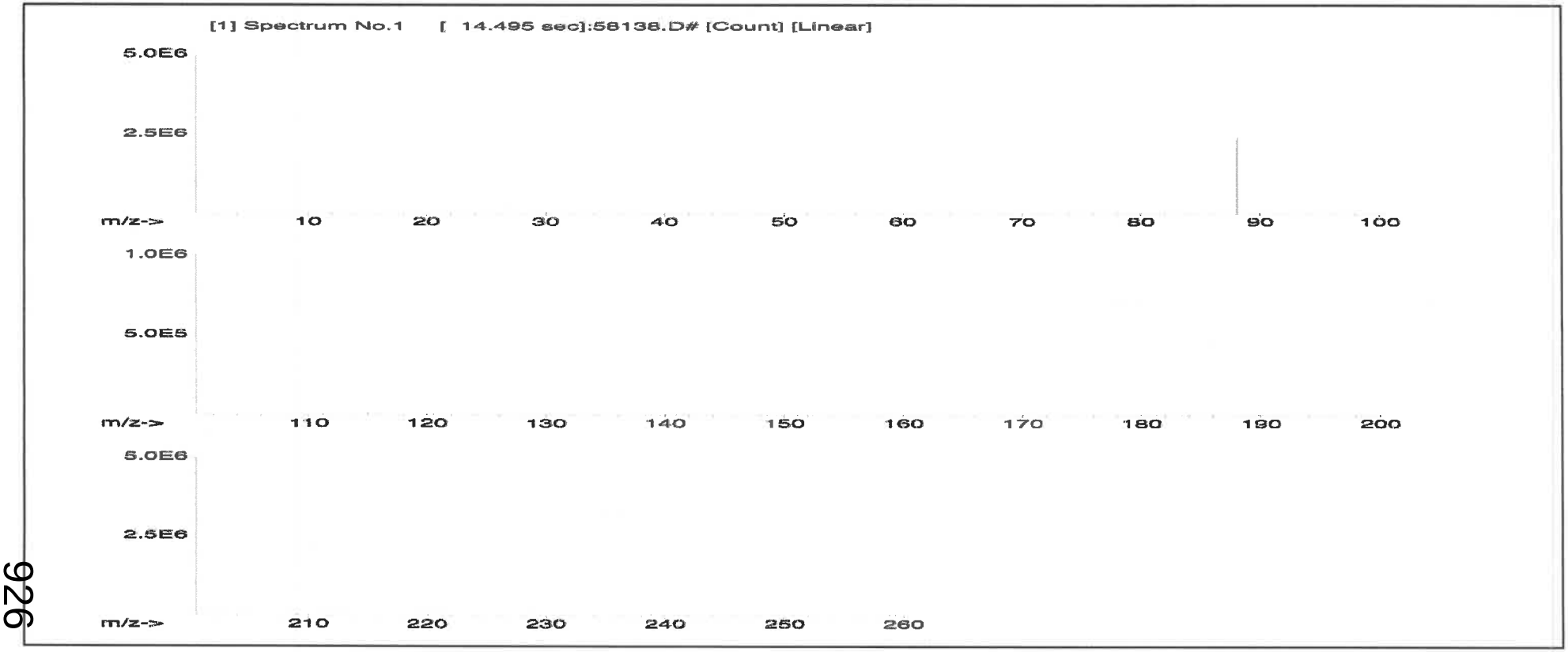
45982 R: 6/11/24

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



926

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).

927

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M5983 R: 6/11/24

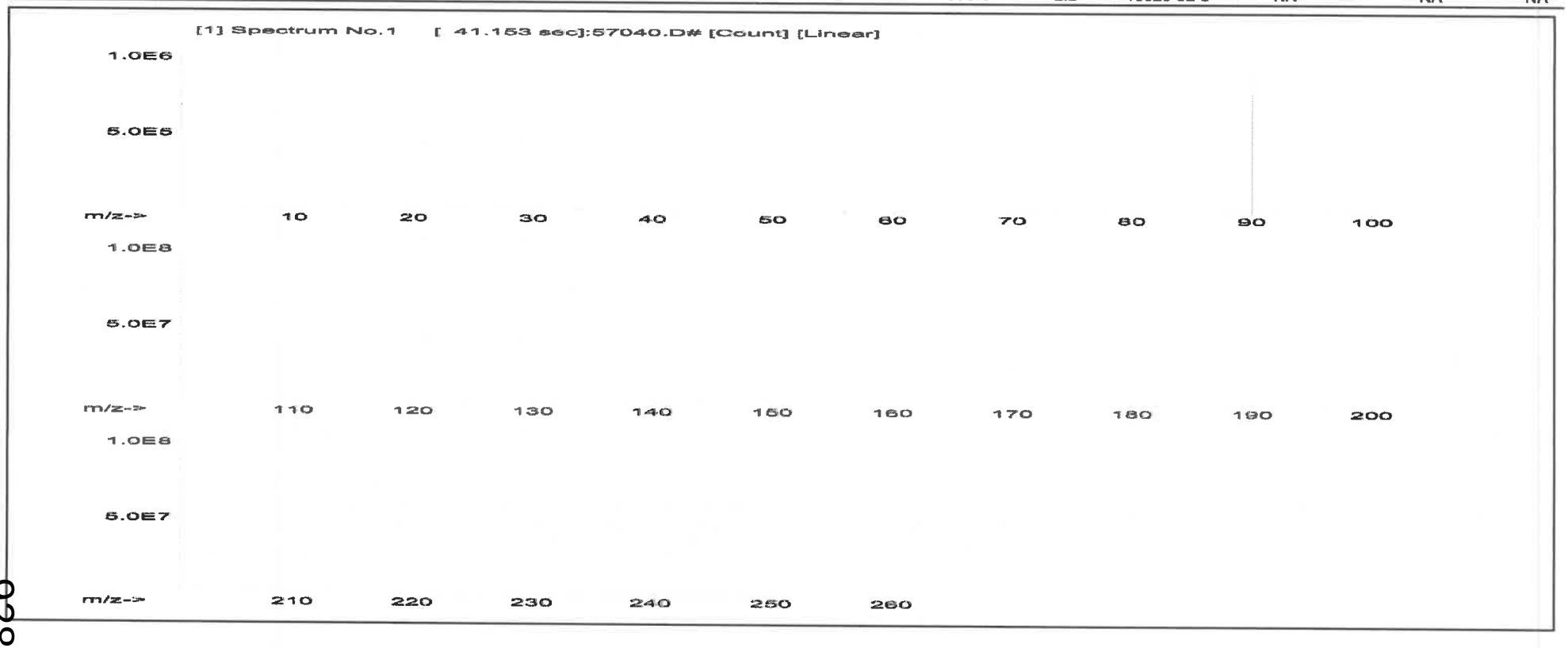
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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		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



928

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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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R: 01/03/24 M6033

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930

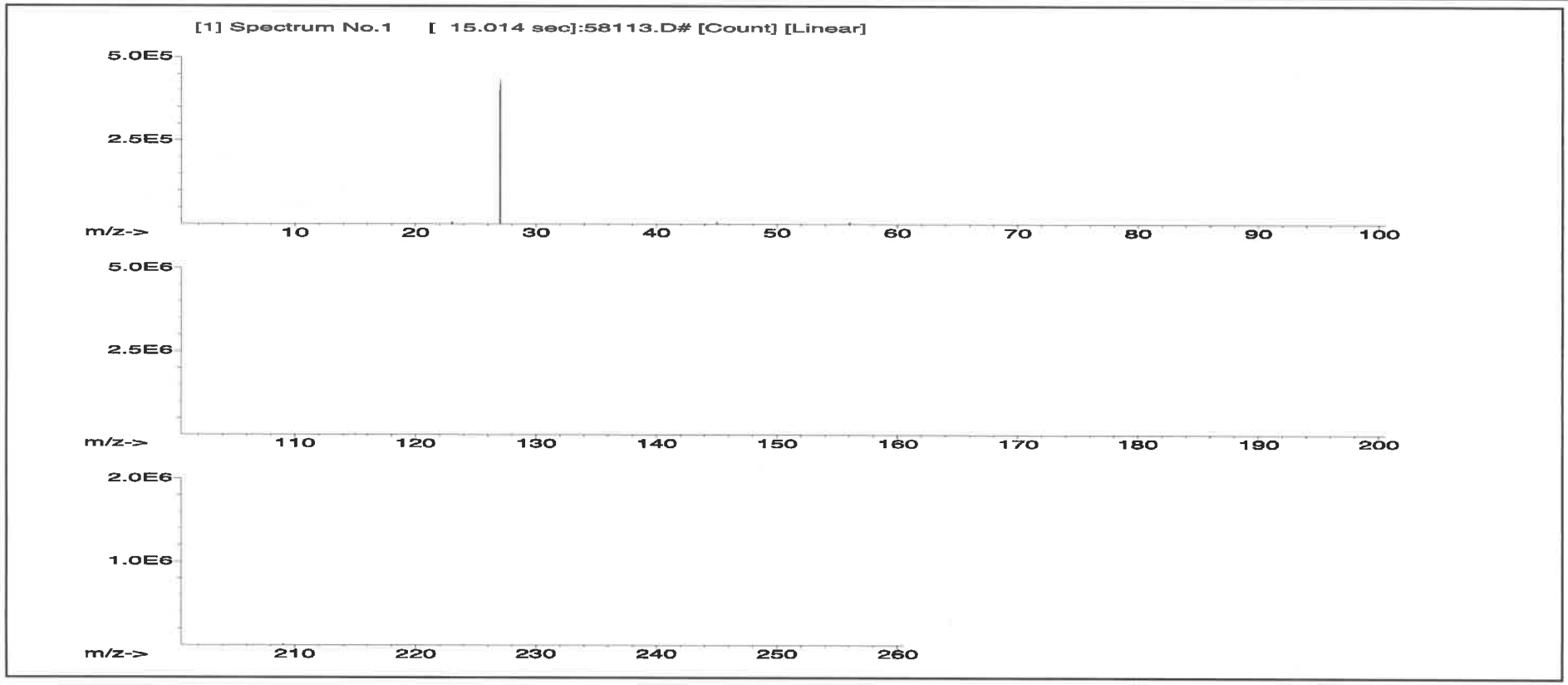
CERTIFIED WEIGHT REPORT:

Part Number:	**58113**			**Lot #**	
Lot Number:	**011623**		**Solvent:**	20510011	Nitric Acid
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
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,

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Material No.: 9606-03
Batch No.: 24D1062002
Manufactured Date: 2024-03-26
Retest Date: 2029-03-25
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 – 70.0 %	69.7 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities – Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	2.3 ppb
Trace Impurities – Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	100 ppb
Trace Impurities – Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
CMOS

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Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	16 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	10 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	3 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

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Material No.: 9606-03
Batch No.: 24D1062002

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities – Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities – Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities – Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities – Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities – Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities – Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities – Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities – Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities – Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities – Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

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Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ba	ICP Assay	3104a	140909
Ba	Calculated		See Sec. 4.2
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Bi	ICP Assay	3106	180815
Ce	ICP Assay	3110	160830
Ce	EDTA	928	928
Ce	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Co	Calculated		See Sec. 4.2
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li	ICP Assay	3129a	100714
Li	Calculated		See Sec. 4.2
Li	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Ni	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
U	ICP Assay	traceable to 3164	R2-U689597
U	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Uranium 238U	99.8 ± 0.1
Uranium 235U	0.19 ± 0.05

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

6.1 This standard is intended for the calibration of analytical instruments and validation of analytical methods as appropriate. This CRM may be used in connection with EPA Methods 6010, 6020 (all versions), Standard Methods 3120 B and USP <232> / ICH Q3D.

6.2 For products attaining traceability through Inorganic Ventures' Primary Certified Reference Materials (PCRM™) see the Limited License to Use PCRM™ in the Inorganic Ventures Terms and Conditions of Sale, https://www.inorganicventures.com/terms-and-conditions-sale. The Terms and Conditions contain information on the use of materials traceable to PCRM™ certified reference materials. This Limited License agreement is especially pertinent for laboratories accredited under ISO:17034.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 21, 2023

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 21, 2028

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

R: 01/03/24 M5806, M5807

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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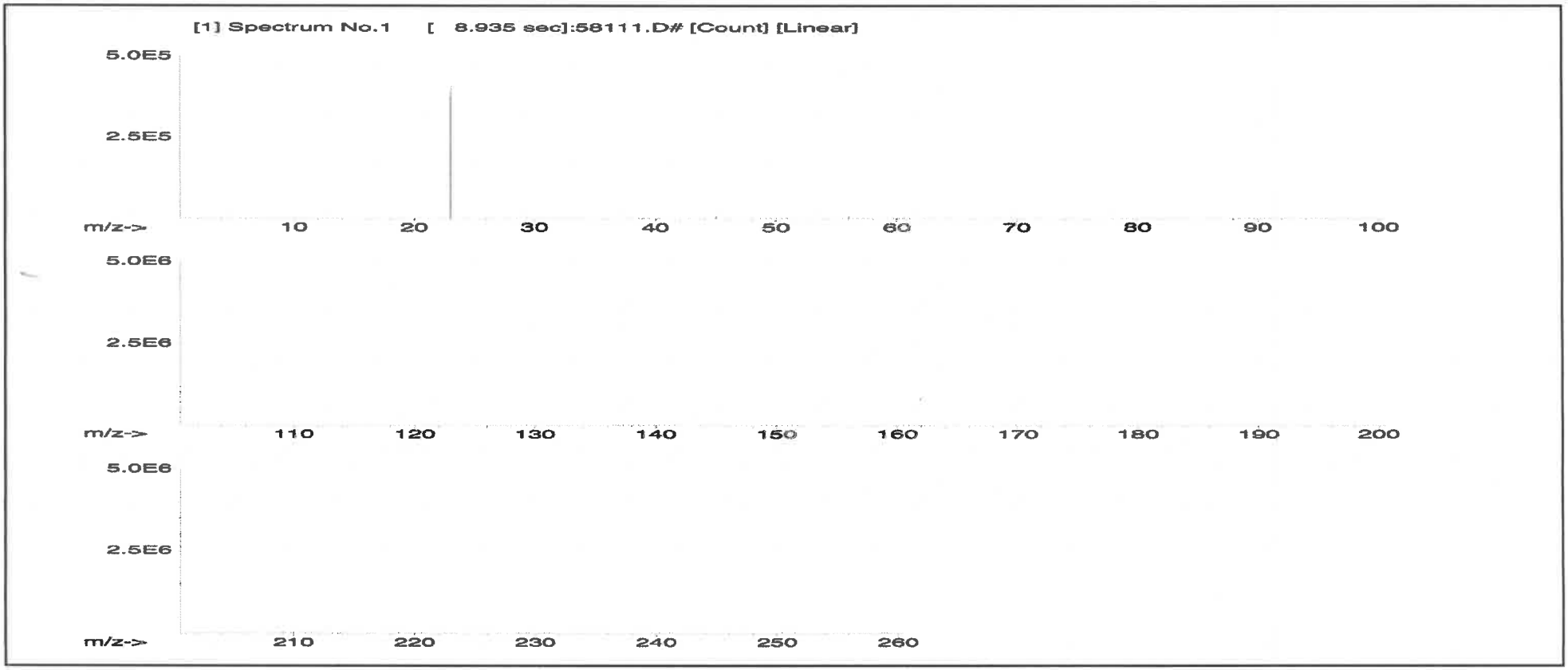
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**58111**	**Solvent:**	24002546	Nitric Acid
Lot Number:	**122223**			
Description:	**Sodium (Na)**	2%	60.0 (mL)	Nitric Acid
Expiration Date:	122226			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	3000.4	0.06	Flask Uncertainty	

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	T	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

INORGANIC VENTURES™

Refine your results. Redefine your industry.

A: 4/11/22

Certificate of Analysis

M5738, M5739, M5740, M5741, M5742, M5743

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020ISS
Lot Number:	S2-MEB709511
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Bismuth, Holmium,
Indium, 6-Lithium,
Rhodium, Scandium,
Terbium, Yttrium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
6-Lithium, Li6	10.00 ± 0.03 µg/mL	Bismuth, Bi	10.00 ± 0.05 µg/mL
Holmium, Ho	10.00 ± 0.05 µg/mL	Indium, In	10.00 ± 0.04 µg/mL
Rhodium, Rh	10.00 ± 0.07 µg/mL	Scandium, Sc	10.00 ± 0.04 µg/mL
Terbium, Tb	10.00 ± 0.04 µg/mL	Yttrium, Y	10.00 ± 0.04 µg/mL

Density: 1.035 g/mL (measured at 20 ± 4 °C)

Assay Information:

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ANALYTE	METHOD	NIST SRM#	SRM LOT#
Bi	ICP Assay	3106	180815
Bi	Calculated		See Sec. 4.2
Ho	ICP Assay	3123a	090408
Ho	EDTA	928	928
In	ICP Assay	3124a	110516
In	EDTA	928	928
In	Calculated		See Sec. 4.2
Li6	Gravimetric		See Sec. 4.2
Rh	ICP Assay	3144	070619
Sc	ICP Assay	3148a	100701
Sc	EDTA	928	928
Tb	ICP Assay	3157a	100518
Tb	EDTA	928	928
Tb	Calculated		See Sec. 4.2
Y	ICP Assay	3167a	120314
Y	EDTA	928	928
Y	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2 (u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Certified Abundance:

IV's Certified Abundance

Isotope	Atom %
Lithium Li6	95.6 ± 0.3
Lithium Li7	4.4 ± 0.1

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

September 03, 2021

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- September 03, 2026

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Michael Booth
Director, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-MS (ICSA WITH ICSB)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Heavy Metals
HAZARDOUS MATERIAL

Safety Data Sheets
Available Upon Request

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more bottles of an Aqueous Reference Material, each composed of metals at various concentrations and prepared with nitrate salts and oxy-acids of the respective elements in a 5% nitric acid matrix**. For the reference material source in reporting ICSA and ICSAB mixture use "USEPA". For the reference material lot number for the ICSA use "ICSA-0803" and for the ICSAB mixture use "ICSA-0803+ICSB-0803".**

CAUTION: The bottle(s) should be protected from light during storage to ensure the stability of silver which is contained in the ICSB solution. The bottle(s) should be stored at room temperature. **Do not allow the solution(s) to freeze.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to the Contracting Officer, Ross Miller at miller.ross@epa.gov. If directed by Ross Miller, return the chain of custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

This interference check sample set is to be used to verify elemental isobaric correction factors of inductively coupled plasma-mass spectrometers (ICP-MS). This reference material set consists of two (2) concentrated solutions. The ICSA solution contains several interferent elements and species; for a complete listing refer to the CLP SOW. The ICSB solution contains the analytes: Ag, As, Sb, Ba, Be, Cd, Co, Cr, Cu, Mn, Ni, Pb, Tl, Se, V, and Zn. This instruction sheet provides the nominal values for the ICP-MS ICS Part A and Part B target analytes when diluted as directed.

Using Class "A" glassware, preparation and analysis must be performed according to the following instructions:

ICSA-0803, Inferferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this solution by ICP-MS.

ICSB-0803, Analytes, mixed with ICSA-0803, Interferents: Pipet 10 mL of the ICSA solution and 10 mL of the ICSB solution into a 100 mL volumetric flask and dilute to volume with 1% v/v HNO_3. Analyze this ICSAB solution by ICP-MS.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-MS ICS SOLUTION(S)*

The "Certified Value" concentrations of the elements, listed in Table 1 below, were derived from statistically pooled analysis results from the following sources, if available: QATS Laboratory, CLP laboratories, Quarterly Blind (QB)/Proficiency Testing (PT) events, CLP pre-award events, and external referee laboratories.

Table 1. "CERTIFIED VALUES" FOR INTERFERENCE CHECK SAMPLE ICP-MS ICSA-0803, AND ICSA-0803 MIXED WITH ICSB-0803

ICSA: M5873

ICSB: M5874

Element	CRQL	Part A (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)	Part A +Part B (µg/L)	Lower Limit (µg/L)	Upper Limit (µg/L)
Al	20.0	[100000]			[100000]		
Sb	2.0	(1.5)	-2.5	5.5	(22.0)	18.0	26.0
As	1.0	(0.1)	-1.9	2.1	19.0	16.2	21.9
Ba	10.0	(1.2)	-18.8	21.2	(22.0)	2.0	42.0
Be	1.0	(0)	-2.0	2.0	19.0	16.2	21.9
Cd	1.0	(0.7)	-1.3	2.7	20.0	17.0	23.0
Ca	500	[100000]			[100000]		
C		[200000]			[200000]		
Cl		[1000000]			[1000000]		
Cr	2.0	(21.0)	17.0	25.0	40.0	34.0	46.0
Co	1.0	(1.0)	-1.0	3.0	20.0	17.0	23.0
Cu	2.0	(8.0)	4.0	12.0	(25.0)	21.0	29.0
Fe	200	[100000]			[100000]		
Pb	1.0	(4.0)	2.0	6.0	25.0	21.3	28.8
Mg	500	[100000]			[100000]		
Mn	1.0	(7.0)	5.0	9.0	27.0	23.0	31.1
Mo		[2000]			[2000]		
Ni	1.0	(6.0)	4.0	8.0	24.0	20.4	27.6
P		[100000]			[100000]		
K	500	[100000]			[100000]		
Se	5.0	(0.3)	-9.7	10.3	(19.0)	9.0	29.0
Ag	1.0	(0)	-2.0	2.0	18.0	15.3	20.7
Na	500	[100000]			[100000]		
S		[100000]			[100000]		
Tl	1.0	(0)	-2.0	2.0	21.0	17.9	24.2
Ti		[2000]			[2000]		
V	5.0	(0.5)	-9.5	10.5	(19.0)	9.0	29.0
Zn	5.0	(11.0)	1.0	21.0	(29.0)	19.0	39.0

[ ] Indicates analytes that do not require ICP-MS determination in the ICS.
The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 2 times the associated CLP SOW CRQL. The acceptance ranges for all other analytes were determined using the certified value ± 15 percent of the listed certified value.

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R: 01/03/24 M5802, M5803

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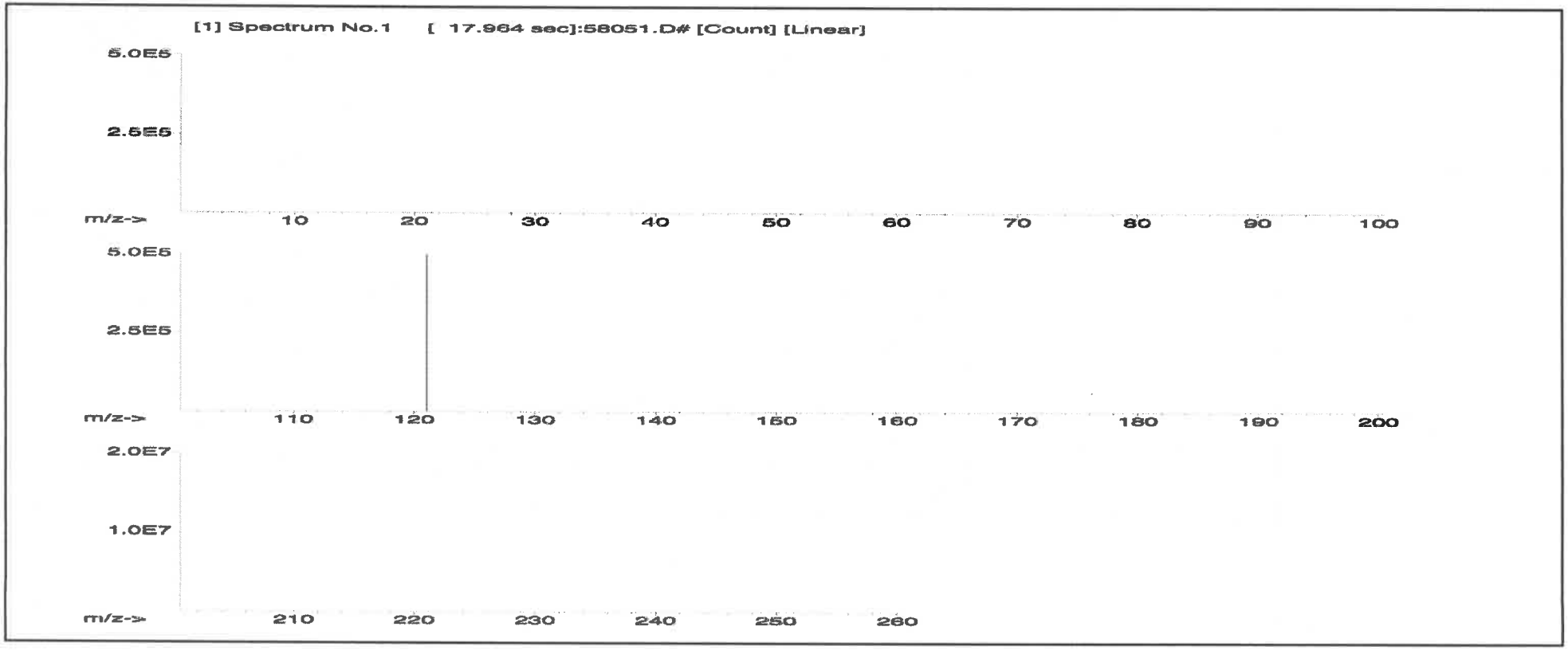
951

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



952

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	T	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M6030

R: 8/5/24

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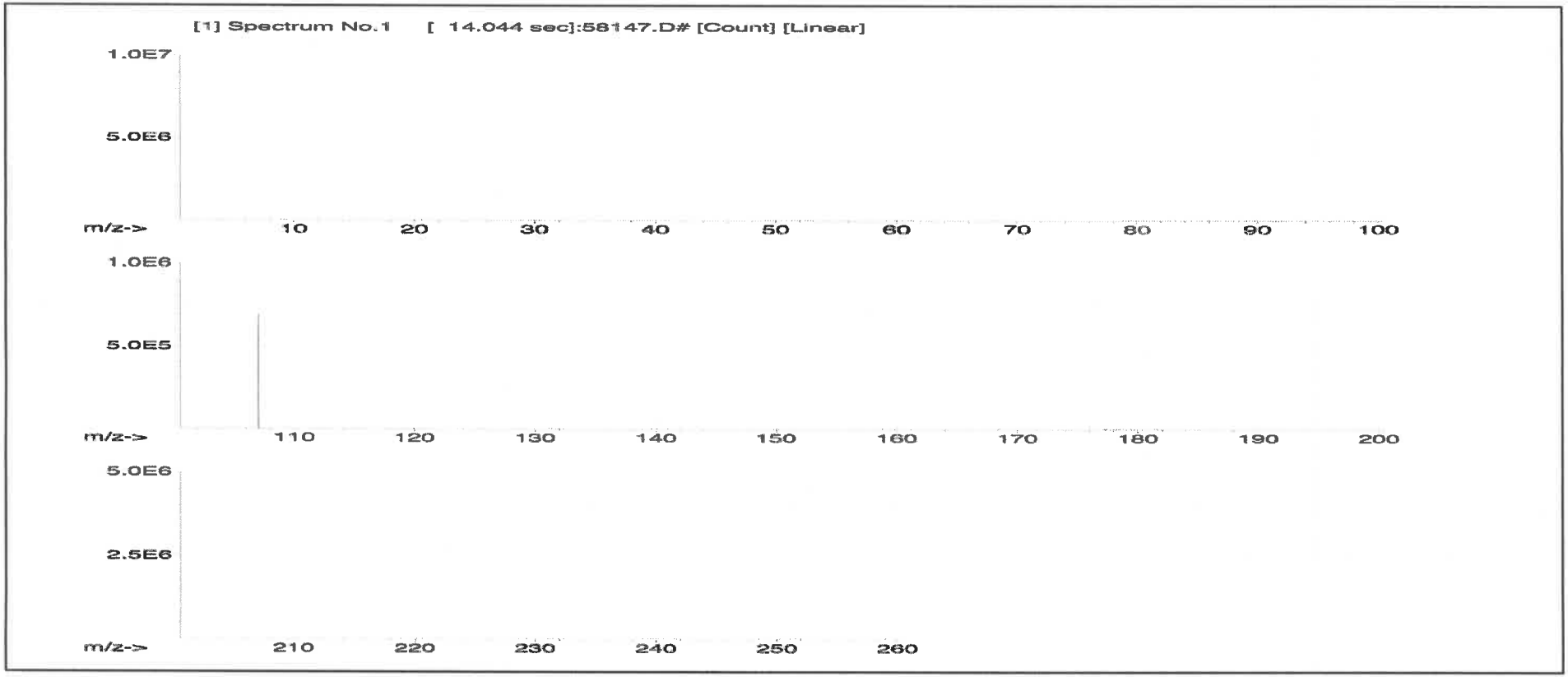
953

CERTIFIED WEIGHT REPORT:

Part Number:	**57047**		**Lot #**		
Lot Number:	**122823**	**Solvent:**	24002546	Nitric Acid	
Description:	**Silver (Ag)**	2%	80.0 (mL)	Nitric Acid	
Expiration Date:	122826				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	4000.30	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	122823
Reviewed By:	Pedro L. Rentas	122823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Silver nitrate (Ag)	IN035	J0612AGA1	1000.0	99.9999	0.10	63.7	6.27992	6.27998	**1000.0**	**2.0**	7761-88-8	10 ug/m3	NA	3151



954

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 03/16/23 M5473, M5474, M5475, M5476

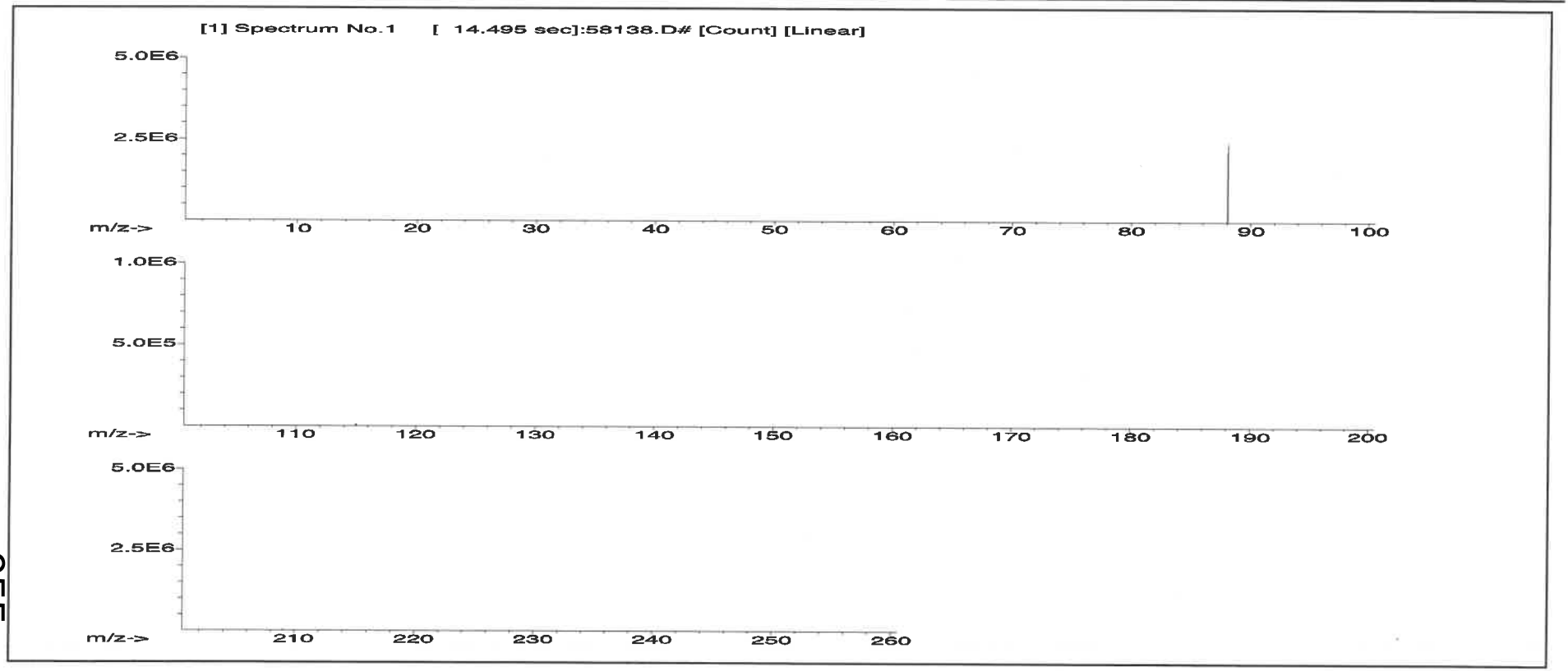
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CERTIFIED WEIGHT REPORT:

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



955

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

956

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R: 03/16/23 M5473, M5474, M5475, M5476

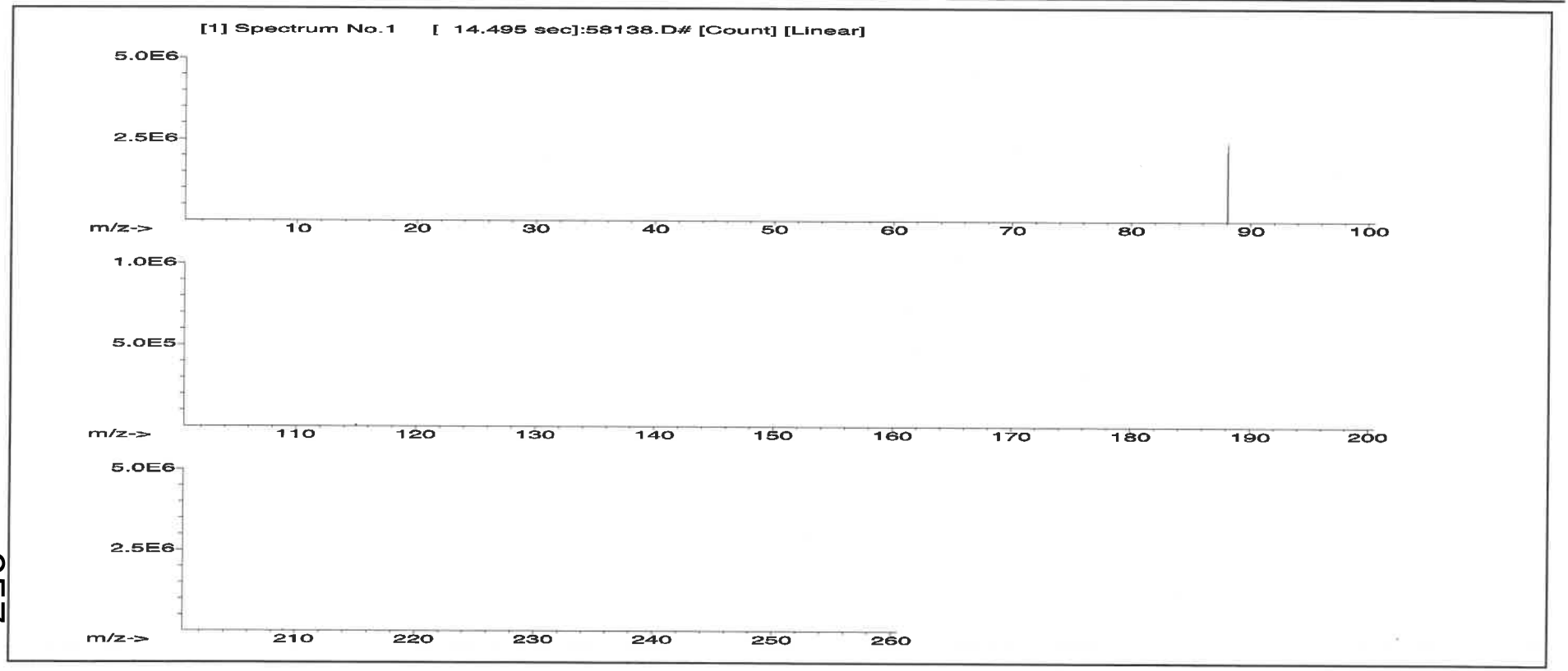
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CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**	2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



957

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.
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* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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959

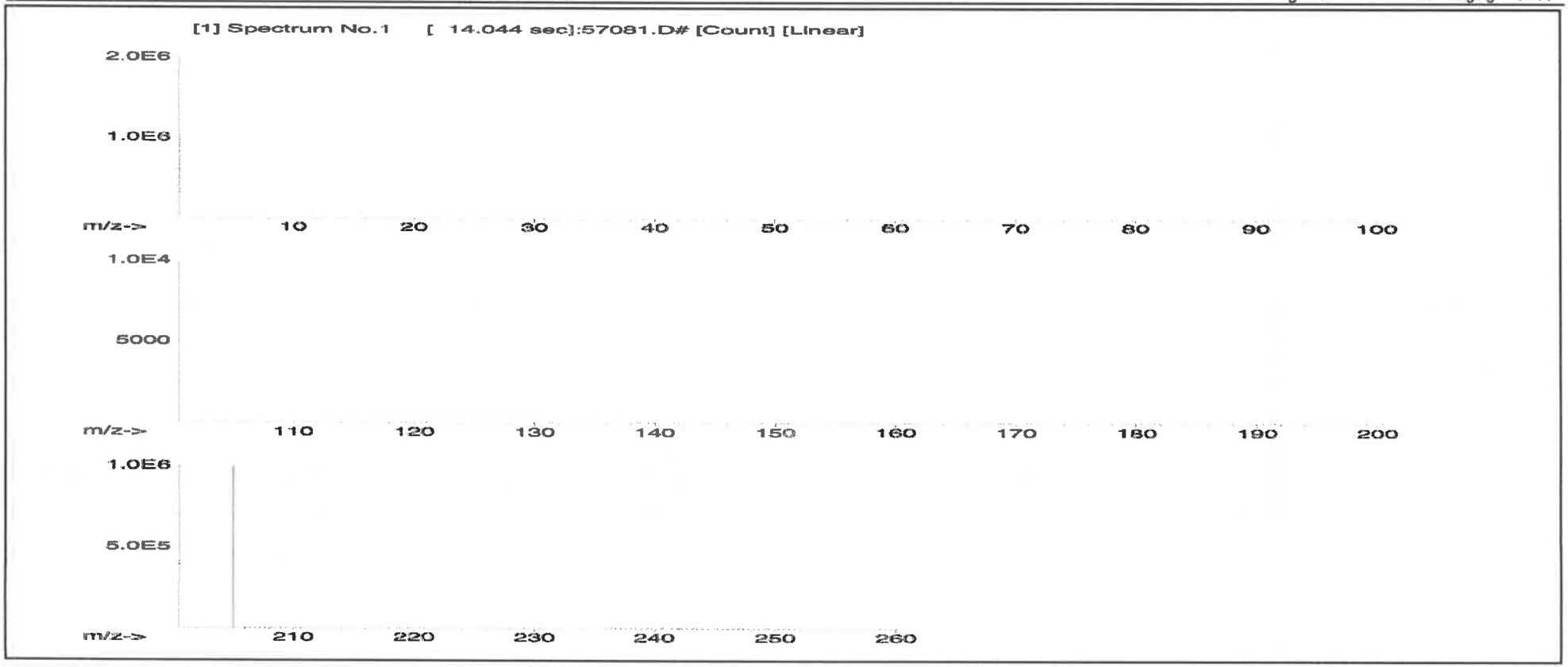
CERTIFIED WEIGHT REPORT:

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



960

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	T	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M6021

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

Rc. 8/5/24

961

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	24002546	Nitric Acid	
Lot Number:	**062424**			
Description:	**Vanadium (V)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	062427			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.3	0.06	Flask Uncertainty	

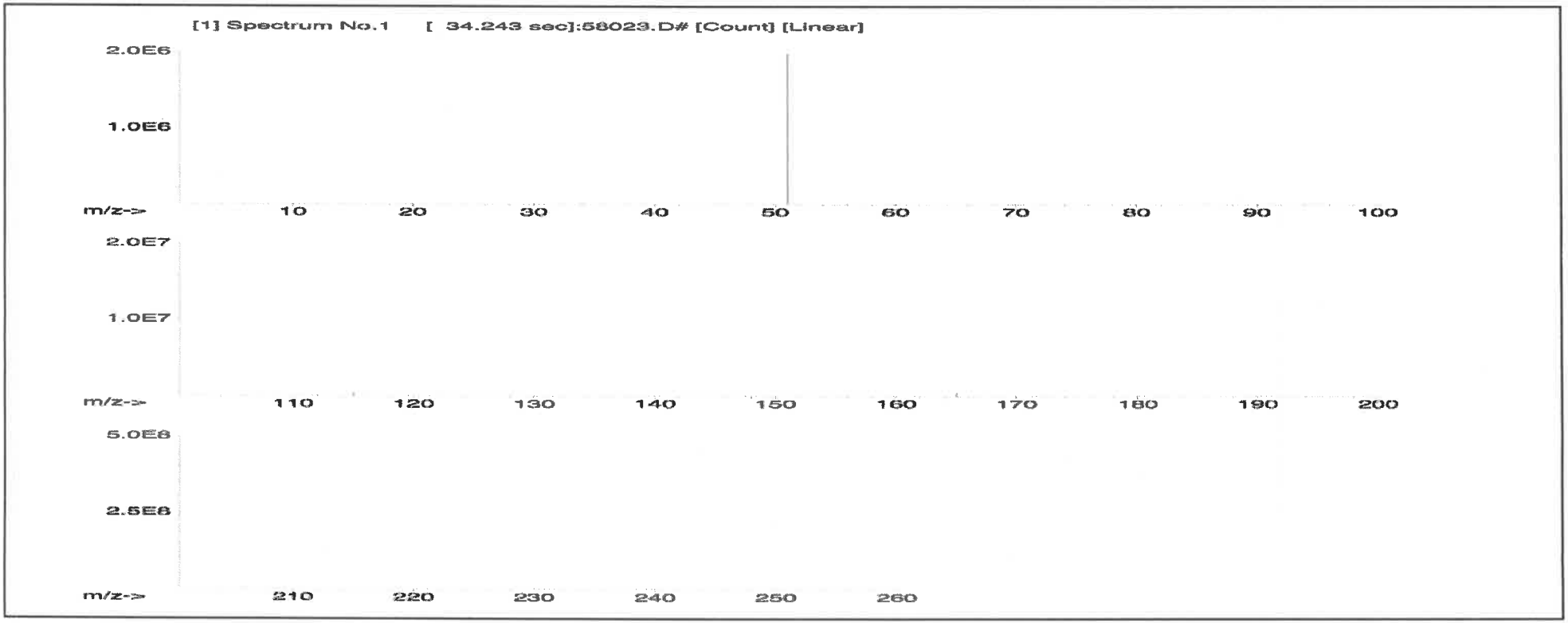
Aleah O'Brady

Formulated By:	Aleah O'Brady	062424

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062424

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1.	Ammonium metavanadate (V)	58123	021224	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165



962

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163776

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD568 **Start Digest Date:** 09/28/2024 **Time :** 16:10 **Temp :** 97 °C

Matrix : SOIL **End Digest Date:** 09/28/2024 **Time :** 19:10 **Temp :** 97 °C

Pippete ID: ICP A **Digestion tube ID:** M6054

Balance ID : M SC-2 **Block thermometer ID:** MET-DIG. #5

Filter paper ID : N/A **Dig Technician Signature:** Jepp

pH Strip ID : N/A **Supervisor Signature:**

Hood ID : #3 **Temp :** **1.** 97°C **2.** N/A

Block ID: **1.** HOT BLOCK #5 **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82583
LCSW Jepp 9/28/24	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 #5 CELL #34 : 97 C
For Spike Sol 1-0.3ml each M5565,M5657,0.027mL M5962
For Spike Sol 2-1.5mL each M5565,M5657,0.135mL M5962

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/28/24 19:20	Jepp Met dig.	(Metals Lab)
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163776

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P2817-01	MYD567	N/A	1.23	500	Brown	Yellow	Medium	N/A	N/A	1
P2817-02	MYD568	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	2
P2817-03	MYD569	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	3
P2817-04	MYD570	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	4
P2817-04MS	MYD570SRE	N/A	1.10	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	5
~~P2817-04MSD~~	~~MYD570MSD~~	~~N/A~~	~~N/A~~	~~N/A~~	~~Brown~~	~~Yellow~~	~~Medium~~	~~N/A~~	~~N/A~~ JP 10/15/2024	~~N/A~~
P2817-05	MYD570D	N/A	1.30	500	Brown	Yellow	Medium	N/A	N/A	6
P2817-06	MYD570S	N/A	1.12	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	7
P2817-07	MYD571	N/A	1.47	500	Brown	Yellow	Medium	N/A	N/A	8
P2817-08	MYD572	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	9
P2817-09	MYD574	N/A	1.36	500	Brown	Yellow	Medium	N/A	N/A	10
P2817-10	MYD575	N/A	1.08	500	Brown	Yellow	Medium	N/A	N/A	11
P2817-11	MYD576	N/A	1.34	500	Brown	Yellow	Medium	N/A	N/A	12
P2817-12	MYD577	N/A	1.31	500	Brown	Yellow	Medium	N/A	N/A	13
P2817-13	MYD578	N/A	1.27	500	Brown	Yellow	Medium	N/A	N/A	14
P2817-14	MYD579	N/A	1.13	500	Brown	Yellow	Medium	N/A	N/A	15
P2817-15	MYD580	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	16
P2817-16	MYD582	N/A	1.20	500	Brown	Yellow	Medium	N/A	N/A	17
P2817-17	MYD583	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	18
P2817-18	MYD584	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	19
P2817-19	MYD585	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	20
P2817-20	MYD586	N/A	1.45	500	Brown	Yellow	Medium	N/A	N/A	21
P2817-21	MYD587	N/A	1.35	500	Brown	Yellow	Medium	N/A	N/A	22
P2817-22	MYD588	N/A	1.28	500	Brown	Yellow	Medium	N/A	N/A	23
PB163776BL	PBS776	N/A	1.00	500	Brown	Yellow	Medium	N/A	N/A	24
PB163776BS	LCS776	N/A	1.00	500	Brown	Yellow	Medium	N/A	MP82583	25
PB163776BSD	LCSD776	N/A	1.00	500	Brown	Yellow	Medium	N/A	MP82583	26

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 # LB132877

Review By	Sarabjit Jaswal	Review On	10/12/2024 4:20:35 AM
Supervise By	Mohan Bera	Supervise On	10/12/2024 4:21:48 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	
Chk Standard	MP82587,MP82586

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE014	TUNE	10/07/24 17:11		Jaswal	OK
2	S00	S0	CAL1	10/07/24 17:24		Jaswal	OK
3	S02	S02	CAL3	10/07/24 17:28		Jaswal	OK
4	S03	S03	CAL4	10/07/24 17:31		Jaswal	OK
5	S04	S04	CAL5	10/07/24 17:34		Jaswal	OK
6	S05	S05	CAL6	10/07/24 17:37		Jaswal	OK
7	S06	S06	CAL7	10/07/24 17:40		Jaswal	OK
8	S07	S07	CAL8	10/07/24 17:43		Jaswal	OK
9	S08	S08	CAL9	10/07/24 17:46		Jaswal	OK
10	ICV014	ICV014	ICV	10/07/24 17:56	Inst. pause for calibration review	Jaswal	OK
11	ICB014	ICB014	ICB	10/07/24 17:59		Jaswal	OK
12	ICSA014	ICSA014	ICSA	10/07/24 18:03		Jaswal	OK
13	ICSAB014	ICSAB014	ICSAB	10/07/24 18:09	Inst. pause for review	Jaswal	OK
14	CCV051	CCV051	CCV	10/07/24 18:18	Inst. pause for review	Jaswal	OK
15	CCB051	CCB051	CCB	10/07/24 18:20		Jaswal	OK
16	PB163776BL	PBS776	MB	10/07/24 18:24	Not USe	Jaswal	Not Ok
17	PB163776BS	LCS776	LCS	10/07/24 18:28	Not USe	Jaswal	Not Ok
18	PB163776BSD	LCSD776	LCSD	10/07/24 18:31	Not USe	Jaswal	Not Ok

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Daily Analysis Runlog For Sequence/QCBatch ID # LB132877

Review By	Sarabjit Jaswal	Review On	10/12/2024 4:20:35 AM
Supervise By	Mohan Bera	Supervise On	10/12/2024 4:21:48 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	
Chk Standard	MP82587,MP82586

19	P2817-01	MYD567	SAM	10/07/24 18:34		Jaswal	OK
20	P2817-02	MYD568	SAM	10/07/24 18:38		Jaswal	OK
21	P2817-03	MYD569	SAM	10/07/24 18:41		Jaswal	OK
22	P2817-04	MYD570	SAM	10/07/24 18:44	Not Use - Ba,Co,Ni,V High in MS RE	Jaswal	Not Ok
23	P2817-05	MYD570D	DUP	10/07/24 18:47	Not Use - Ba,Co,Ni,V High in MS RE	Jaswal	Not Ok
24	P2817-04L	MYD570L	SD	10/07/24 18:51	Not Use - Ba,Co,Ni,V High in MS RE	Jaswal	Not Ok
25	P2817-06	MYD570S	MS	10/07/24 18:54	Not Use - Ba,Co,Ni,V High in MS RE	Jaswal	Not Ok
26	P2817-04MS	MYD570SRE	MS	10/07/24 18:57	Not Use - MS Fail For Ag(Below RL),Ba,Co,Ni,V High	Jaswal	Not Ok
27	P2817-07	MYD571	SAM	10/07/24 19:00		Jaswal	OK
28	P2817-08	MYD572	SAM	10/07/24 19:03		Jaswal	OK
29	P2817-09	MYD574	SAM	10/07/24 19:07		Jaswal	OK
30	P2817-10	MYD575	SAM	10/07/24 19:10		Jaswal	OK
31	P2817-11	MYD576	SAM	10/07/24 19:13		Jaswal	OK
32	P2817-12	MYD577	SAM	10/07/24 19:16		Jaswal	OK
33	P2817-13	MYD578	SAM	10/07/24 19:19		Jaswal	OK
34	P2817-14	MYD579	SAM	10/07/24 19:23		Jaswal	OK
35	P2817-15	MYD580	SAM	10/07/24 19:26		Jaswal	OK
36	P2817-16	MYD582	SAM	10/07/24 19:29		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132877

Review By	Sarabjit Jaswal	Review On	10/12/2024 4:20:35 AM
Supervise By	Mohan Bera	Supervise On	10/12/2024 4:21:48 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	
Chk Standard	MP82587,MP82586

37	P2817-17	MYD583	SAM	10/07/24 19:32		Jaswal	OK
38	P4161-08	YE0T1	SAM	10/07/24 19:35		Jaswal	OK
39	P2817-18	MYD584	SAM	10/07/24 19:39		Jaswal	OK
40	CCV052	CCV052	CCV	10/07/24 19:42		Jaswal	OK
41	CCB052	CCB052	CCB	10/07/24 19:45		Jaswal	OK
42	P2817-19	MYD585	SAM	10/07/24 19:48		Jaswal	OK
43	P2817-20	MYD586	SAM	10/07/24 19:51		Jaswal	OK
44	P2817-21	MYD587	SAM	10/07/24 19:54		Jaswal	OK
45	P2817-22	MYD588	SAM	10/07/24 19:58		Jaswal	OK
46	CCV053	CCV053	CCV	10/07/24 20:18		Jaswal	OK
47	CCB053	CCB053	CCB	10/07/24 20:21		Jaswal	OK
48	PB163639BL	PBS639	MB	10/07/24 20:24	Not Use	Jaswal	Not Ok
49	PB163639BS	LCS639	LCS	10/07/24 20:27	Not Use	Jaswal	Not Ok
50	PB163639BSD	LCSD639	LCSD	10/07/24 20:31	Not Use	Jaswal	Not Ok
51	P2792-01	MYD438	SAM	10/07/24 20:34	Not Use	Jaswal	Not Ok
52	P2792-02	MYD438D	DUP	10/07/24 20:37	Not Use	Jaswal	Not Ok
53	P2792-01L	MYD438L	SD	10/07/24 20:41	Not Use	Jaswal	Not Ok
54	P2792-03	MYD438S	MS	10/07/24 20:44	Not Use	Jaswal	Not Ok
55	P2792-01MS	MYD438SRE	MS	10/07/24 20:47	Not Use	Jaswal	Not Ok
56	P2792-04	MYD4K3	SAM	10/07/24 20:50		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132877

Review By	Sarabjit Jaswal	Review On	10/12/2024 4:20:35 AM
Supervise By	Mohan Bera	Supervise On	10/12/2024 4:21:48 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	
Chk Standard	MP82587,MP82586

57	P2792-05	MYD4K4	SAM	10/07/24 20:53		Jaswal	OK
58	P2792-06	MYD4K5	SAM	10/07/24 20:56		Jaswal	OK
59	P2792-07	MYD4K6	SAM	10/07/24 21:00		Jaswal	OK
60	P2792-08	MYD4K7	SAM	10/07/24 21:03		Jaswal	OK
61	P2792-09	MYD4K8	SAM	10/07/24 21:06		Jaswal	OK
62	P2792-10	MYD4K9	SAM	10/07/24 21:09		Jaswal	OK
63	CCV054	CCV054	CCV	10/07/24 21:13		Jaswal	OK
64	CCB054	CCB054	CCB	10/07/24 21:16		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132879

Review By	Mohan Bera	Review On	10/11/2024 7:55:02 AM
Supervise By	Sarabjit Jaswal	Supervise On	10/12/2024 4:20:55 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	TUNE015	TUNE	10/08/24 12:20		Jaswal	OK
2	S00	S0	CAL1	10/08/24 12:36		Jaswal	OK
3	S02	S02	CAL3	10/08/24 12:40		Jaswal	OK
4	S03	S03	CAL4	10/08/24 12:43		Jaswal	OK
5	S04	S04	CAL5	10/08/24 12:46		Jaswal	OK
6	S05	S05	CAL6	10/08/24 12:49		Jaswal	OK
7	S06	S06	CAL7	10/08/24 12:52		Jaswal	OK
8	S07	S07	CAL8	10/08/24 12:55		Jaswal	OK
9	S08	S08	CAL9	10/08/24 12:58		Jaswal	OK
10	ICV015	ICV015	ICV	10/08/24 13:14	Inst. paused for calibration review	Jaswal	OK
11	ICB015	ICB015	ICB	10/08/24 13:17		Jaswal	OK
12	ICSA015	ICSA015	ICSA	10/08/24 13:21		Jaswal	OK
13	ICSAB015	ICSAB015	ICSAB	10/08/24 13:24		Jaswal	OK
14	CCV055	CCV055	CCV	10/08/24 13:43	Inst. paused for review	Jaswal	OK
15	CCB055	CCB055	CCB	10/08/24 13:46		Jaswal	OK
16	PB163639BL	PBS639	MB	10/08/24 14:02		Jaswal	OK
17	PB163639BS	LCS639	LCS	10/08/24 14:05		Jaswal	OK
18	PB163639BSD	LCSD639	LCSD	10/08/24 14:08		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132879

Review By	Mohan Bera	Review On	10/11/2024 7:55:02 AM
Supervise By	Sarabjit Jaswal	Supervise On	10/12/2024 4:20:55 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

19	P2817-04DL	MYD570	SAM	10/08/24 14:12	4X For Ba,Co,Ni,V	Jaswal	Confirms
20	P2817-05DL	MYD570D	DUP	10/08/24 14:15	4X For Ba,Co,Ni,V	Jaswal	Confirms
21	P2817-04LDL	MYD570L	SD	10/08/24 14:18	20X For Ba,Co,Ni,V	Jaswal	Confirms
22	P2817-06DL	MYD570S	MS	10/08/24 14:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
23	P2817-04MSDL	MYD570SRE	MS	10/08/24 14:25	4X For Ba,Co,Ni,V	Jaswal	Confirms
24	P2817-04	MYD570	SAM	10/08/24 14:28	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution
25	P2817-05	MYD570D	DUP	10/08/24 14:32	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution
26	P2817-04L	MYD570L	SD	10/08/24 14:35	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution
27	P2817-06	MYD570S	MS	10/08/24 14:38	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution
28	P2817-04MS	MYD570SRE	MS	10/08/24 14:42	Ba,Co,Ni ,V High	Jaswal	Dilution
29	P2792-01DL	MYD438	SAM	10/08/24 15:11	4X For Ba,Co,Ni,V	Jaswal	Confirms
30	P2792-02DL	MYD438D	DUP	10/08/24 15:14	4X For Ba,Co,Ni,V	Jaswal	Confirms
31	P2792-01LDL	MYD438L	SD	10/08/24 15:17	20X For Ba,Co,Ni,V	Jaswal	Confirms
32	P2792-03DL	MYD438S	MS	10/08/24 15:21	4X For Ba,Co,Ni,V	Jaswal	Confirms
33	P2792-01MSDL	MYD438SRE	MS	10/08/24 15:24	4X For Ba,Co,Ni,V	Jaswal	Confirms
34	CCV056	CCV056	CCV	10/08/24 15:27		Jaswal	OK
35	CCB056	CCB056	CCB	10/08/24 15:30		Jaswal	OK
36	P2792-01	MYD438	SAM	10/08/24 15:34	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution
37	P2792-02	MYD438D	DUP	10/08/24 15:37	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution
38	P2792-01L	MYD438L	SD	10/08/24 15:40	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

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Supervise By	Sarabjit Jaswal	Supervise On	10/12/2024 4:20:55 AM

STD. NAME	STD REF.#
ICAL Standard	MP82568,MP82577,MP82576,MP82574,MP82573,MP82572,MP82571,MP82570,MP82569
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ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

39	P2792-03	MYD438S	MS	10/08/24 15:44	Ba,Co,Ni ,V High in MSRE	Jaswal	Dilution
40	P2792-01MS	MYD438SRE	MS	10/08/24 15:47	Ba,Co,Ni ,V High	Jaswal	Dilution
41	P2792-11	MYD4L0	SAM	10/08/24 15:50		Jaswal	OK
42	P2792-12	MYD4L2	SAM	10/08/24 15:53		Jaswal	OK
43	P2792-13	MYD4L3	SAM	10/08/24 15:56		Jaswal	OK
44	P2792-14	MYD4L4	SAM	10/08/24 15:59		Jaswal	OK
45	P2792-15	MYD4L5	SAM	10/08/24 16:03		Jaswal	OK
46	P2792-16	MYD4L6	SAM	10/08/24 16:06		Jaswal	OK
47	P2792-17	MYD4L7	SAM	10/08/24 16:09		Jaswal	OK
48	P2792-18	MYD4L8	SAM	10/08/24 16:12		Jaswal	OK
49	P2792-19	MYD4L9	SAM	10/08/24 16:16		Jaswal	OK
50	P2792-20	MYD4M0	SAM	10/08/24 16:19		Jaswal	OK
51	P2792-21	MYD4M1	SAM	10/08/24 16:22		Jaswal	OK
52	P2792-22	MYD4M2	SAM	10/08/24 16:25		Jaswal	OK
53	P2810-19	MYD4W3	SAM	10/08/24 16:28	Already Analyze	Jaswal	Not Ok
54	P2810-20	MYD4W4	SAM	10/08/24 16:32	Already Analyze	Jaswal	Not Ok
55	P2810-21	MYD4W5	SAM	10/08/24 16:35	Already Analyze	Jaswal	Not Ok
56	P2810-22	MYD4W6	SAM	10/08/24 16:38	Already Analyze	Jaswal	Not Ok
57	CCV057	CCV057	CCV	10/08/24 16:41		Jaswal	OK
58	CCB057	CCB057	CCB	10/08/24 16:44		Jaswal	OK

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LCS Standard	MP82583
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59	PB163776BL	PBS776	MB	10/08/24 17:33		Jaswal	OK
60	PB163776BS	LCS776	LCS	10/08/24 17:36		Jaswal	OK
61	PB163776BSD	LCSD776	LCSD	10/08/24 17:39		Jaswal	OK
62	PB163774BL	PBS774	MB	10/08/24 17:46		Jaswal	OK
63	PB163774BS	LCS774	LCS	10/08/24 17:50		Jaswal	OK
64	PB163774BSD	LCSD774	LCSD	10/08/24 17:53		Jaswal	OK
65	P2815-11	MYD536	SAM	10/08/24 18:00	Not Use	Jaswal	Not Ok
66	P2815-12	MYD536D	DUP	10/08/24 18:03	Not Use	Jaswal	Not Ok
67	P2815-11L	MYD536L	SD	10/08/24 18:06	Not Use	Jaswal	Not Ok
68	P2815-13	MYD536S	MS	10/08/24 18:10	Not Use	Jaswal	Not Ok
69	P2815-11MS	MYD536SRE	MS	10/08/24 18:13	Not Use	Jaswal	Not Ok
70	CCV058	CCV058	CCV	10/08/24 18:17		Jaswal	OK
71	CCB058	CCB058	CCB	10/08/24 18:21		Jaswal	OK
72	P2815-01	MYD526	SAM	10/08/24 18:25		Jaswal	OK
73	P2815-02	MYD527	SAM	10/08/24 18:28		Jaswal	OK
74	P2815-03	MYD528	SAM	10/08/24 18:32		Jaswal	OK
75	P2815-04	MYD529	SAM	10/08/24 18:35		Jaswal	OK
76	P2815-05	MYD530	SAM	10/08/24 18:38		Jaswal	OK
77	P2815-06	MYD531	SAM	10/08/24 18:41		Jaswal	OK
78	P2815-07	MYD532	SAM	10/08/24 18:45		Jaswal	OK

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CRI Standard	
LCS Standard	MP82583
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79	P2815-08	MYD533	SAM	10/08/24 18:48		Jaswal	OK
80	P2815-09	MYD534	SAM	10/08/24 18:51		Jaswal	OK
81	P2815-10	MYD535	SAM	10/08/24 18:54		Jaswal	OK
82	P2815-14	MYD537	SAM	10/08/24 18:58		Jaswal	OK
83	P2815-15	MYD538	SAM	10/08/24 19:01		Jaswal	OK
84	P2815-16	MYD539	SAM	10/08/24 19:04		Jaswal	OK
85	P2815-17	MYD540	SAM	10/08/24 19:07		Jaswal	OK
86	P2815-18	MYD541	SAM	10/08/24 19:11		Jaswal	OK
87	P2815-19	MYD543	SAM	10/08/24 19:14		Jaswal	OK
88	P2815-20	MYD544	SAM	10/08/24 19:17		Jaswal	OK
89	P2815-21	MYD545	SAM	10/08/24 19:20		Jaswal	OK
90	P2815-22	MYD547	SAM	10/08/24 19:24		Jaswal	OK
91	CCV059	CCV059	CCV	10/08/24 19:27		Jaswal	OK
92	CCB059	CCB059	CCB	10/08/24 19:30		Jaswal	OK

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ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST

MOUNTAINSIDE NJ 07092
(908) 789-8900
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Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

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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 :	P2817	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 8:31:24 AM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P2817-01	MYD567	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
P2817-02	MYD568	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
P2817-03	MYD569	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
P2817-04	MYD570	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
P2817-05	MYD570D	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
P2817-06	MYD570S	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
P2817-07	MYD571	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
P2817-08	MYD572	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
P2817-09	MYD574	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
P2817-10	MYD575	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
P2817-11	MYD576	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
P2817-12	MYD577	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
P2817-13	MYD578	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
P2817-14	MYD579	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
P2817-15	MYD580	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
P2817-16	MYD582	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
P2817-17	MYD583	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
P2817-18	MYD584	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
P2817-19	MYD585	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
P2817-20	MYD586	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
P2817-21	MYD587	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
P2817-22	MYD588	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

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163776 **WorkList ID :** 183927 **Department :** Digestion **Date :** 09-28-2024 10:30:32

878

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2817-01	MYD567	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-02	MYD568	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-03	MYD569	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-04	MYD570	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-05	MYD570D	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-06	MYD570S	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-07	MYD571	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-08	MYD572	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-09	MYD574	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-10	MYD575	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-11	MYD576	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-12	MYD577	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-13	MYD578	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-14	MYD579	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-15	MYD580	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-16	MYD582	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-17	MYD583	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-18	MYD584	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-19	MYD585	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-20	MYD586	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2817-21	MYD587	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS

Date/Time 9/28/24 12:00

Raw Sample Received by: jgp(Met dig)

Raw Sample Relinquished by: jgp(Met dig)

Date/Time 9/28/24 15:00

Raw Sample Received by: jgp(Met dig)

Raw Sample Relinquished by: jgp(Met dig)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163776 **WorkList ID :** 183927 **Department :** Digestion **Date :** 09-28-2024 10:30:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2817-22	MYD588	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS

676

Date/Time 9/28/24 12:00

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: jgp (Met dig)

Date/Time 9/28/24 15:00

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: jgp (Met dig)