SDG COVER PAGE

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

Lab Code: ACE Case No.: 51495 MA No.: 3221.2 SDG No.: MYD4S8

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYD4G6	P2810-01		X		
MYD4G6D	P2810-02		X		
MYD4G6S	P2810-03		X		
MYD4S8	P2810-04		X		
MYD4S9	P2810-05		X		
MYD4T0	P2810-06		X		
MYD4T1	P2810-07		X		
MYD4T2	P2810-08		X		
MYD4T3	P2810-09		X		
MYD4T4	P2810-10		X		
MYD4T5	P2810-11		X		
MYD4T6	P2810-12		X		
MYD4T7	P2810-13		X		
MYD4T8	P2810-14		X		
MYD4T9	P2810-15		X		
MYD4W0	P2810-16		X		
MYD4W1	P2810-17		X		
MYD4W2	P2810-18		X		
MYD4W3	P2810-19		X		
MYD4W4	P2810-20		X		
MYD4W5	P2810-21		X		
MYD4W6	P2810-22		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 4270 8250

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-060

No: 9-060624-113919-0060
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

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Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2118-F-00005-01	MYD4F7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3465 (None) (1)	2118-F-00005	06/05/2024 14:02	
2118-B-00004-01	MYD4F8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3466 (None) (1)	2118-B-00004	06/05/2024 14:17	
2118-G-00004-02	MYD4F9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3467 (None) (1)	2118-G-00004	06/05/2024 15:02	
2118-G-00004-01	MYD4G0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3468 (None) (1)	2118-G-00004	06/05/2024 15:02	
2118-J-00007-01	MYD4G1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3469 (None) (1)	2118-J-00007	06/05/2024 15:01	
2118-G-00002-01	MYD4G2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3470 (None) (1)	2118-G-00002	06/05/2024 15:00	
2118-G-00006-01	MYD4G3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3471 (None) (1)	2118-G-00006	06/05/2024 14:59	
2118-A-00005-01	MYD4G4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3472 (None) (1)	2118-A-00005	06/05/2024 14:09	
2118-B-00009-01	MYD4G5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3473 (None) (1)	2118-B-00009	06/05/2024 14:18	
2118-F-00006-03	MYD4G6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3474 (None) (1)	2118-F-00006	06/05/2024 13:46	• QC 1
2118-H-00005-01	MYD4G7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3475 (None) (1)	2118-H-00005	06/05/2024 14:16	
2118-B-00010-01	MYD4G8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3476 (None) (1)	2118-B-00010	06/05/2024 14:14	
2118-F-00010-01	MYD4G9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3477 (None) (1)	2118-F-00010	06/05/2024 14:14	
2118-B-00007-01	MYD4H0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3478 (None) (1)	2118-B-00007	06/05/2024 14:12	
2118-F-00002-01	MYD4H1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3479 (None) (1)	2118-F-00002	06/05/2024 14:12	
2118-H-00007-01	MYD4H2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3480 (None) (1)	2118-H-00007	06/05/2024 14:10	
2118-G-00005-03	MYD4H3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3481 (None) (1)	2118-G-00005	06/05/2024 14:57	
2118-M-00009-01	MYD4H4	Soil/ ERT	Grab	ICP-AES 11(21)	9-3482 (None) (1)	2118-M-00009	06/05/2024 11:34	
2118-L-00008-01	MYD4H5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3483 (None) (1)	2118-L-00008	06/05/2024 10:58	

Sample(s) to be used for Lab QC: 2118-F-00006-03 Tag 9-3474, 2118-G-00005-03 Tag 9-3481 - Special Instructions: ICP-AES 11+ Metals: Ag, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Tl, V, Zn

Shipment for Case Complete? N

Samples Transferred From Chain of Custody #

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

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
Ship to Lab	Carolina Cuyarro Weston	6/7/2024 15:00		854 6/10/24	ZR-Cooler #1 23.1°C
					Custody Seal Intact
					No temp Blank

USEPA CLP COC (LAB COPY)
DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 4278 3277

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-062

No: 9-060624-113926-0062
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

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Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2118-A-00007-02	MYD4S3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3571 (None) (1)	2118-A-00007	06/05/2024 14:07	
2118-A-00007-01	MYD4S4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3572 (None) (1)	2118-A-00007	06/05/2024 14:06	
2118-K-00005-01	MYD4S5	Soil/ ERT	Grab	ICP-AES 11(21)	9-3573 (None) (1)	2118-K-00005	06/05/2024 10:16	
2118-I-S0001-01	MYD4S6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3574 (None) (1)	2118-I-S0001	06/05/2024 15:26	
2118-J-00003-01	MYD4S7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3575 (None) (1)	2118-J-00003	06/05/2024 15:05	
2118-G-00007-01	MYD4S8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3576 (None) (1)	2118-G-00007	06/05/2024 15:23	2
2118-I-00002-01	MYD4S9	Soil/ ERT	Grab	ICP-AES 11(21)	9-3577 (None) (1)	2118-I-00002	06/05/2024 15:36	3
2118-J-00006-01	MYD4T0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3578 (None) (1)	2118-J-00006	06/05/2024 15:03	4
2118-G-00008-01	MYD4T1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3579 (None) (1)	2118-G-00008	06/05/2024 15:32	5
2118-I-00009-01	MYD4T2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3580 (None) (1)	2118-I-00009	06/05/2024 15:29	6
2118-I-00004-01	MYD4T3	Soil/ ERT	Grab	ICP-AES 11(21)	9-3581 (None) (1)	2118-I-00004	06/05/2024 15:28	7
2118-H-00008-01	MYD4T4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3582 (None) (1)	2118-H-00008	06/05/2024 14:04	8
2118-F-00008-01	MYD4T5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3583 (None) (1)	2118-F-00008	06/05/2024 14:11	9
2118-H-00002-01	MYD4T6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3584 (None) (1)	2118-H-00002	06/05/2024 14:01	10
2118-B-00002-01	MYD4T7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3585 (None) (1)	2118-B-00002	06/05/2024 14:11	11
2118-F-00001-01	MYD4T8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3586 (None) (1)	2118-F-00001	06/05/2024 14:00	12
2118-A-00001-01	MYD4T9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3587 (None) (1)	2118-A-00001	06/05/2024 13:58	13
2118-A-00006-01	MYD4W0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3588 (None) (1)	2118-A-00006	06/05/2024 13:55	14
2118-A-00004-01	MYD4W1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3589 (None) (1)	2118-A-00004	06/05/2024 13:49	15

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 Cayemo Weston	6/7/2024 15:00		854 6/10/24	Intact 23.0°C
					Custody Seal Intact
					no temp Blank

USEPA CLP COC (LAB COPY)
DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 4278 3277

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-062

No: 9-060624-113926-0062
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

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Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2118-F-00004-01	MYD4W2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3590 (None) (1)	2118-F-00004	06/05/2024 13:47	16
2118-L-00004-01	MYD4W3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3591 (None) (1)	2118-L-00004	06/05/2024 10:49	17
2119A_2119B-X-00008-01	MYD4W4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3592 (None) (1)	2119A_2119B-X-00008	06/05/2024 07:57	18
2119A_2119B-AA-00001-02	MYD4W5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3593 (None) (1)	2119A_2119B-AA-00001	06/05/2024 13:07	19
2119A_2119B-Y-00004-01	MYD4W6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3594 (None) (1)	2119A_2119B-Y-00004	06/05/2024 10:07	20
2119A_2119B-CC-00007-01	MYD4W7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3595 (None) (1)	2119A_2119B-CC-00007	06/05/2024 10:07	
2119A_2119B-CC-00005-01	MYD4W8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3596 (None) (1)	2119A_2119B-CC-00005	06/05/2024 10:10	
2119A_2119B-M-00002-01	MYD4W9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3597 (None) (1)	2119A_2119B-M-00002	06/05/2024 07:45	
2119A_2119B-K-00003-01	MYD4X0	Soil/ REAC	Grab	ICP-AES 11(21)	9-3598 (None) (1)	2119A_2119B-K-00003	06/05/2024 07:45	
2119A_2119B-K-00001-01	MYD4X1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3599 (None) (1)	2119A_2119B-K-00001	06/05/2024 07:49	
2119A_2119B-M-00004-01	MYD4X2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3600 (None) (1)	2119A_2119B-M-00004	06/05/2024 07:49	

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 Cuyatte Weston	6/7/2024 15:00		854 6/10/24	IR-Gun 1 23.0 C Custody Seal Intact No Temp Blank

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 2
Received By (Print Name)	Gonse Negash	Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD4G6 & MYD4S8	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.	776742708250 1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	23.1 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	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	MYD4G6	N/A	9-3474	P2810-01	Intact
2	MYD4G6D	N/A	9-3474	P2810-02	Intact
3	MYD4G6S	N/A	9-3474	P2810-03	Intact
4	N/A	N/A	N/A	N/A	N/A
5	N/A	N/A	N/A	N/A	N/A
6	N/A	N/A	N/A	N/A	N/A
7	N/A	N/A	N/A	N/A	N/A
8	N/A	N/A	N/A	N/A	N/A
9	N/A	N/A	N/A	N/A	N/A
10	N/A	N/A	N/A	N/A	N/A
11	N/A	N/A	N/A	N/A	N/A
12	N/A	N/A	N/A	N/A	N/A
13	N/A	N/A	N/A	N/A	N/A
14	N/A	N/A	N/A	N/A	N/A
15	N/A	N/A	N/A	N/A	N/A
16	N/A	N/A	N/A	N/A	N/A
17	N/A	N/A	N/A	N/A	N/A
18	N/A	N/A	N/A	N/A	N/A
19	N/A	N/A	N/A	N/A	N/A
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

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

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 2 of 2
Received By (Print Name) George Ferguson		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD4G6 & MYD4S8	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.	776742783277 2
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	23.0 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	MYD4S8	N/A	9-3576	P2810-04	Intact
2	MYD4S9	N/A	9-3577	P2810-05	Intact
3	MYD4T0	N/A	9-3578	P2810-06	Intact
4	MYD4T1	N/A	9-3579	P2810-07	Intact
5	MYD4T2	N/A	9-3580	P2810-08	Intact
6	MYD4T3	N/A	9-3581	P2810-09	Intact
7	MYD4T4	N/A	9-3582	P2810-10	Intact
8	MYD4T5	N/A	9-3583	P2810-11	Intact
9	MYD4T6	N/A	9-3584	P2810-12	Intact
10	MYD4T7	N/A	9-3585	P2810-13	Intact
11	MYD4T8	N/A	9-3586	P2810-14	Intact
12	MYD4T9	N/A	9-3587	P2810-15	Intact
13	MYD4W0	N/A	9-3588	P2810-16	Intact
14	MYD4W1	N/A	9-3589	P2810-17	Intact
15	MYD4W2	N/A	9-3590	P2810-18	Intact
16	MYD4W3	N/A	9-3591	P2810-19	Intact
17	MYD4W4	N/A	9-3592	P2810-20	Intact
18	MYD4W5	N/A	9-3593	P2810-21	Intact
19	MYD4W6	N/A	9-3594	P2810-22	Intact
20	N/A	N/A	N/A	N/A	N/A
21	N/A	N/A	N/A	N/A	N/A
22	N/A	N/A	N/A	N/A	N/A
23	N/A	N/A	N/A	N/A	N/A

* Contact SMO and attach record of resolution

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

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

LAB NAME	**Alliance Technical Group, LLC**		
LAB CODE	**ACE**		
CONTRACT NO.	**68HERH20D0011**		
CASE NO.	**51495**	SDG NO.	**MYD4S8**
MA NO.	**3221.2**	SOW NO.	**SFAM01.1**

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

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
1 . SDG Cover Page	1	1	✓	
2 . Traffic Report/Chain of Custody Record(s)	2	4	✓	
3 . Sample Log-In Sheet (DC-1)	5	6	✓	
4 . CSF Inventory Sheet (DC-2)	7	9	✓	
5 . SDG Narrative	10	14	✓	
6 . Communication Logs	15	18	✓	
7 . Percent Solids Log	19	21	✓	
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	22	41	✓	
18 . Instrument raw data by instrument in analysis order	42	602	✓	
Other Data				
19 . Standard and Reagent Preparation Logs	603	749	✓	
20 . Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	750	751	✓	
21 . Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	752	758	✓	
22 . Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	

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

	PAGE NOs: FROM	TO	CHECK LAB	REGION
Additional				
44. EPA Shipping/Receiving Documents				
Airbill (No. of Shipments 2)	759	760	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	761	763	✓	
45. Misc. Shipping/Receiving Records (list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	764	765	✓	
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 # MYD4S8
CASE # 51495
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
LAB ORDER ID #P2810
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: 23.1^{o}C, 23^{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 MYD4G6 For Antimony:

If C = 2.55 ppb
Vf = 500 ml
W = 1.47 g
S = 0.992(99.2/100)
DF = 1

$$\text{Concentration (mg/kg)} = 2.55 \times \frac{500}{1.47 \times 0.992} \times 1 / 1000$$

$$= 0.874 \text{ mg/kg}$$

$$= 0.87 \text{ mg/kg (Reported Result with Signification)}$$

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

did meet requirements. 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

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Good afternoon,

Please advise on the issue below.

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

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

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

Leave alert: N/A

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

This Message Is From an External Sender

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

Good afternoon,

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

Thanks & Regards,

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

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

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Good afternoon,

What was the temperature of the cooler upon arrival?

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

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

Leave alert: N/A

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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

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

Good morning ,

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

Thanks & Regards,

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

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

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/12/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 12:40
In Date: 06/11/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 07:37
Out Date: 06/12/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB131175

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
P2810-01	MYD4G6	1	1.18	8.36	9.54	9.47	99.2	
P2810-02	MYD4G6D	2	1.18	8.36	9.54	9.47	99.2	
P2810-03	MYD4G6S	3	1.18	8.36	9.54	9.47	99.2	
P2810-04	MYD4S8	4	1.18	8.42	9.6	9.35	97.0	
P2810-05	MYD4S9	5	1.15	8.80	9.95	9.77	98.0	
P2810-06	MYD4T0	6	1.16	8.62	9.78	9.56	97.4	
P2810-07	MYD4T1	7	1.11	8.82	9.93	9.68	97.2	
P2810-08	MYD4T2	8	1.18	8.48	9.66	9.44	97.4	
P2810-09	MYD4T3	9	1.15	8.44	9.59	9.44	98.2	
P2810-10	MYD4T4	10	1.12	8.75	9.87	9.77	98.9	
P2810-11	MYD4T5	11	1.19	8.44	9.63	9.54	98.9	
P2810-12	MYD4T6	12	1.15	8.40	9.55	9.44	98.7	
P2810-13	MYD4T7	13	1.15	8.70	9.85	9.75	98.9	
P2810-14	MYD4T8	14	1.18	8.63	9.81	9.62	97.8	
P2810-15	MYD4T9	15	1.15	8.64	9.79	9.57	97.5	
P2810-16	MYD4W0	16	1.12	8.45	9.57	9.06	94.0	
P2810-17	MYD4W1	17	1.11	8.60	9.71	9.52	97.8	
P2810-18	MYD4W2	18	1.18	8.51	9.69	9.59	98.8	
P2810-19	MYD4W3	19	1.17	8.59	9.76	9.59	98.0	
P2810-20	MYD4W4	20	1.16	8.46	9.62	9.44	97.9	
P2810-21	MYD4W5	21	1.18	8.59	9.77	9.66	98.7	
P2810-22	MYD4W6	22	1.22	8.36	9.58	9.41	98.0	

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

WORKLIST(Hardcopy Internal Chain)

WB131175

WorkList Name : %1-p2810 **WorkList ID :** 180972 **Department :** Wet-Chemistry **Date :** 06-11-2024 11:06:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2810-01	MYD4G6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-02	MYD4G6D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-03	MYD4G6S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-04	MYD4S8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-05	MYD4S9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-06	MYD4T0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-07	MYD4T1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-08	MYD4T2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-09	MYD4T3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-10	MYD4T4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-11	MYD4T5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-12	MYD4T6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-13	MYD4T7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-14	MYD4T8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-15	MYD4T9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-16	MYD4W0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-17	MYD4W1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-18	MYD4W2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-19	MYD4W3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-20	MYD4W4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2810-21	MYD4W5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO

20

Date/Time 06-11-24 11:30

Raw Sample Received by: JQ (WC)

Raw Sample Relinquished by: JTC(SM)

Date/Time 06.11.24 12:50

Raw Sample Received by: JTC(SM)

Raw Sample Relinquished by: JQ (WC)

WORKLIST(Hardcopy Internal Chain)

131175

WorkList Name : %1-p2810 **WorkList ID :** 180972 **Department :** Wet-Chemistry **Date :** 06-11-2024 11:06:14

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2810-22	MYD4W6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO

21

Date/Time 06.11.24 11:30
Raw Sample Received by: [signature] (CoC)
Raw Sample Relinquished by: IT (SM)

Date/Time 06.11.24 12:50
Raw Sample Received by: IT (SM)
Raw Sample Relinquished by: JD (CoC)

EPA SAMPLE NO.

MYD4G6

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-01

% Solids: 99.2 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.87		10/04/2024	1501
7440-38-2	Arsenic	51		10/04/2024	1501
7440-39-3	Barium	94	D	10/04/2024	1633
7440-41-7	Beryllium	0.55		10/04/2024	1501
7440-43-9	Cadmium	0.87		10/04/2024	1501
7440-47-3	Chromium	14		10/04/2024	1501
7440-48-4	Cobalt	17	D	10/04/2024	1633
7440-50-8	Copper	67		10/04/2024	1501
7439-92-1	Lead	39		10/04/2024	1501
7440-02-0	Nickel	14	D	10/04/2024	1633
7782-49-2	Selenium	0.56	J	10/04/2024	1501
7440-22-4	Silver	0.25	J	10/04/2024	1501
7440-28-0	Thallium	0.11	J	10/04/2024	1501
7440-62-2	Vanadium	68	D	10/04/2024	1633
7440-66-6	Zinc	150		10/04/2024	1501

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

Comments:

EPA SAMPLE NO.

MYD4S8

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-04

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.43	J	10/04/2024	1517
7440-38-2	Arsenic	20		10/04/2024	1517
7440-39-3	Barium	180		10/04/2024	1517
7440-41-7	Beryllium	0.83		10/04/2024	1517
7440-43-9	Cadmium	0.30	J	10/04/2024	1517
7440-47-3	Chromium	19		10/04/2024	1517
7440-48-4	Cobalt	17		10/04/2024	1517
7440-50-8	Copper	44		10/04/2024	1517
7439-92-1	Lead	12		10/04/2024	1517
7440-02-0	Nickel	19		10/04/2024	1517
7782-49-2	Selenium	0.50	J	10/04/2024	1517
7440-22-4	Silver	0.11	J	10/04/2024	1517
7440-28-0	Thallium	0.12	J	10/04/2024	1517
7440-62-2	Vanadium	67		10/04/2024	1517
7440-66-6	Zinc	70		10/04/2024	1517

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

Comments:

EPA SAMPLE NO.

MYD4S9

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-05

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.75		10/04/2024	1520
7440-38-2	Arsenic	53		10/04/2024	1520
7440-39-3	Barium	150		10/04/2024	1520
7440-41-7	Beryllium	0.68		10/04/2024	1520
7440-43-9	Cadmium	0.77		10/04/2024	1520
7440-47-3	Chromium	21		10/04/2024	1520
7440-48-4	Cobalt	18		10/04/2024	1520
7440-50-8	Copper	54		10/04/2024	1520
7439-92-1	Lead	36		10/04/2024	1520
7440-02-0	Nickel	18		10/04/2024	1520
7782-49-2	Selenium	0.51	J	10/04/2024	1520
7440-22-4	Silver	0.22	J	10/04/2024	1520
7440-28-0	Thallium	0.13	J	10/04/2024	1520
7440-62-2	Vanadium	90		10/04/2024	1520
7440-66-6	Zinc	150		10/04/2024	1520

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

Comments:

EPA SAMPLE NO.

MYD4T0

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-06

% 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	0.80		10/04/2024	1529
7440-38-2	Arsenic	43		10/04/2024	1529
7440-39-3	Barium	150		10/04/2024	1529
7440-41-7	Beryllium	0.72		10/04/2024	1529
7440-43-9	Cadmium	0.77		10/04/2024	1529
7440-47-3	Chromium	23		10/04/2024	1529
7440-48-4	Cobalt	17		10/04/2024	1529
7440-50-8	Copper	75		10/04/2024	1529
7439-92-1	Lead	32		10/04/2024	1529
7440-02-0	Nickel	20		10/04/2024	1529
7782-49-2	Selenium	0.73	J	10/04/2024	1529
7440-22-4	Silver	0.45		10/04/2024	1529
7440-28-0	Thallium	0.14	J	10/04/2024	1529
7440-62-2	Vanadium	81		10/04/2024	1529
7440-66-6	Zinc	130		10/04/2024	1529

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

Comments:

EPA SAMPLE NO.

MYD4T1

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-07

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.46	J	10/04/2024	1532
7440-38-2	Arsenic	27		10/04/2024	1532
7440-39-3	Barium	180		10/04/2024	1532
7440-41-7	Beryllium	0.65		10/04/2024	1532
7440-43-9	Cadmium	0.49		10/04/2024	1532
7440-47-3	Chromium	16		10/04/2024	1532
7440-48-4	Cobalt	15		10/04/2024	1532
7440-50-8	Copper	45		10/04/2024	1532
7439-92-1	Lead	19		10/04/2024	1532
7440-02-0	Nickel	16		10/04/2024	1532
7782-49-2	Selenium	0.63	J	10/04/2024	1532
7440-22-4	Silver	0.13	J	10/04/2024	1532
7440-28-0	Thallium	0.092	J	10/04/2024	1532
7440-62-2	Vanadium	55		10/04/2024	1532
7440-66-6	Zinc	90		10/04/2024	1532

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

Comments:

EPA SAMPLE NO.

MYD4T2

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-08

% 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	0.83		10/04/2024	1535
7440-38-2	Arsenic	51		10/04/2024	1535
7440-39-3	Barium	120		10/04/2024	1535
7440-41-7	Beryllium	0.56		10/04/2024	1535
7440-43-9	Cadmium	0.93		10/04/2024	1535
7440-47-3	Chromium	17		10/04/2024	1535
7440-48-4	Cobalt	16		10/04/2024	1535
7440-50-8	Copper	70		10/04/2024	1535
7439-92-1	Lead	42		10/04/2024	1535
7440-02-0	Nickel	17		10/04/2024	1535
7782-49-2	Selenium	0.62	J	10/04/2024	1535
7440-22-4	Silver	0.26	J	10/04/2024	1535
7440-28-0	Thallium	0.10	J	10/04/2024	1535
7440-62-2	Vanadium	70		10/04/2024	1535
7440-66-6	Zinc	170		10/04/2024	1535

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

Comments:

EPA SAMPLE NO.

MYD4T3

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-09

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.64	J	10/04/2024	1539
7440-38-2	Arsenic	49		10/04/2024	1539
7440-39-3	Barium	140		10/04/2024	1539
7440-41-7	Beryllium	0.69		10/04/2024	1539
7440-43-9	Cadmium	0.82		10/04/2024	1539
7440-47-3	Chromium	21		10/04/2024	1539
7440-48-4	Cobalt	17		10/04/2024	1539
7440-50-8	Copper	68		10/04/2024	1539
7439-92-1	Lead	37		10/04/2024	1539
7440-02-0	Nickel	18		10/04/2024	1539
7782-49-2	Selenium	0.68	J	10/04/2024	1539
7440-22-4	Silver	0.28	J	10/04/2024	1539
7440-28-0	Thallium	0.11	J	10/04/2024	1539
7440-62-2	Vanadium	82		10/04/2024	1539
7440-66-6	Zinc	150		10/04/2024	1539

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

Comments:

EPA SAMPLE NO.

MYD4T4

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-10

% Solids: 98.9 Date Received: 06/10/2024

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.95		10/04/2024	1542
7440-38-2	Arsenic	52		10/04/2024	1542
7440-39-3	Barium	120		10/04/2024	1542
7440-41-7	Beryllium	0.56		10/04/2024	1542
7440-43-9	Cadmium	0.97		10/04/2024	1542
7440-47-3	Chromium	18		10/04/2024	1542
7440-48-4	Cobalt	18		10/04/2024	1542
7440-50-8	Copper	77		10/04/2024	1542
7439-92-1	Lead	45		10/04/2024	1542
7440-02-0	Nickel	16		10/04/2024	1542
7782-49-2	Selenium	0.71	J	10/04/2024	1542
7440-22-4	Silver	0.39		10/04/2024	1542
7440-28-0	Thallium	0.11	J	10/04/2024	1542
7440-62-2	Vanadium	72		10/04/2024	1542
7440-66-6	Zinc	170		10/04/2024	1542

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

Comments:

EPA SAMPLE NO.

MYD4T5

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-11

% Solids: 98.9 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	1.1		10/04/2024	1545
7440-38-2	Arsenic	44		10/04/2024	1545
7440-39-3	Barium	110		10/04/2024	1545
7440-41-7	Beryllium	0.52		10/04/2024	1545
7440-43-9	Cadmium	0.82		10/04/2024	1545
7440-47-3	Chromium	14		10/04/2024	1545
7440-48-4	Cobalt	14		10/04/2024	1545
7440-50-8	Copper	48		10/04/2024	1545
7439-92-1	Lead	50		10/04/2024	1545
7440-02-0	Nickel	13		10/04/2024	1545
7782-49-2	Selenium	0.54	J	10/04/2024	1545
7440-22-4	Silver	0.29	J	10/04/2024	1545
7440-28-0	Thallium	0.12	J	10/04/2024	1545
7440-62-2	Vanadium	43		10/04/2024	1545
7440-66-6	Zinc	170		10/04/2024	1545

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

Comments:

EPA SAMPLE NO.

MYD4T6

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-12

% Solids: 98.7 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	0.71	J	10/04/2024	1548
7440-38-2	Arsenic	31		10/04/2024	1548
7440-39-3	Barium	120		10/04/2024	1548
7440-41-7	Beryllium	0.52		10/04/2024	1548
7440-43-9	Cadmium	0.54		10/04/2024	1548
7440-47-3	Chromium	16		10/04/2024	1548
7440-48-4	Cobalt	16		10/04/2024	1548
7440-50-8	Copper	50		10/04/2024	1548
7439-92-1	Lead	22		10/04/2024	1548
7440-02-0	Nickel	15		10/04/2024	1548
7782-49-2	Selenium	0.45	J	10/04/2024	1548
7440-22-4	Silver	0.12	J	10/04/2024	1548
7440-28-0	Thallium	0.092	J	10/04/2024	1548
7440-62-2	Vanadium	70		10/04/2024	1548
7440-66-6	Zinc	96		10/04/2024	1548

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

Comments:

EPA SAMPLE NO.

MYD4T7

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-13

% Solids: 98.9 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	1.0		10/04/2024	1551
7440-38-2	Arsenic	41		10/04/2024	1551
7440-39-3	Barium	97		10/04/2024	1551
7440-41-7	Beryllium	0.45		10/04/2024	1551
7440-43-9	Cadmium	0.83		10/04/2024	1551
7440-47-3	Chromium	13		10/04/2024	1551
7440-48-4	Cobalt	14		10/04/2024	1551
7440-50-8	Copper	72		10/04/2024	1551
7439-92-1	Lead	43		10/04/2024	1551
7440-02-0	Nickel	14		10/04/2024	1551
7782-49-2	Selenium	0.23	J	10/04/2024	1551
7440-22-4	Silver	0.30	J	10/04/2024	1551
7440-28-0	Thallium	0.091	J	10/04/2024	1551
7440-62-2	Vanadium	49		10/04/2024	1551
7440-66-6	Zinc	150		10/04/2024	1551

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

Comments:

EPA SAMPLE NO.

MYD4T8

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-14

% Solids: 97.8 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	0.30	J	10/04/2024	1554
7440-38-2	Arsenic	13		10/04/2024	1554
7440-39-3	Barium	160		10/04/2024	1554
7440-41-7	Beryllium	0.68		10/04/2024	1554
7440-43-9	Cadmium	0.29	J	10/04/2024	1554
7440-47-3	Chromium	17		10/04/2024	1554
7440-48-4	Cobalt	16		10/04/2024	1554
7440-50-8	Copper	32		10/04/2024	1554
7439-92-1	Lead	9.3		10/04/2024	1554
7440-02-0	Nickel	17		10/04/2024	1554
7782-49-2	Selenium	0.42	J	10/04/2024	1554
7440-22-4	Silver	0.047	J	10/04/2024	1554
7440-28-0	Thallium	0.11	J	10/04/2024	1554
7440-62-2	Vanadium	55		10/04/2024	1554
7440-66-6	Zinc	63		10/04/2024	1554

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

Comments:

EPA SAMPLE NO.

MYD4T9

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-15

% Solids: 97.5 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	0.48	J	10/04/2024	1558
7440-38-2	Arsenic	25		10/04/2024	1558
7440-39-3	Barium	130		10/04/2024	1558
7440-41-7	Beryllium	0.55		10/04/2024	1558
7440-43-9	Cadmium	0.48		10/04/2024	1558
7440-47-3	Chromium	17		10/04/2024	1558
7440-48-4	Cobalt	15		10/04/2024	1558
7440-50-8	Copper	46		10/04/2024	1558
7439-92-1	Lead	19		10/04/2024	1558
7440-02-0	Nickel	18		10/04/2024	1558
7782-49-2	Selenium	0.31	J	10/04/2024	1558
7440-22-4	Silver	0.16	J	10/04/2024	1558
7440-28-0	Thallium	0.099	J	10/04/2024	1558
7440-62-2	Vanadium	48		10/04/2024	1558
7440-66-6	Zinc	96		10/04/2024	1558

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

Comments:

EPA SAMPLE NO.

MYD4W0

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-16

% 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	0.62	J	10/04/2024	1601
7440-38-2	Arsenic	37		10/04/2024	1601
7440-39-3	Barium	150		10/04/2024	1601
7440-41-7	Beryllium	0.68		10/04/2024	1601
7440-43-9	Cadmium	0.94		10/04/2024	1601
7440-47-3	Chromium	21		10/04/2024	1601
7440-48-4	Cobalt	16		10/04/2024	1601
7440-50-8	Copper	84		10/04/2024	1601
7439-92-1	Lead	37		10/04/2024	1601
7440-02-0	Nickel	21		10/04/2024	1601
7782-49-2	Selenium	0.54	J	10/04/2024	1601
7440-22-4	Silver	0.31	J	10/04/2024	1601
7440-28-0	Thallium	0.14	J	10/04/2024	1601
7440-62-2	Vanadium	49		10/04/2024	1601
7440-66-6	Zinc	160		10/04/2024	1601

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

Comments:

EPA SAMPLE NO.

MYD4W1

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-17

% Solids: 97.8 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	0.57	J	10/04/2024	1604
7440-38-2	Arsenic	38		10/04/2024	1604
7440-39-3	Barium	120		10/04/2024	1604
7440-41-7	Beryllium	0.56		10/04/2024	1604
7440-43-9	Cadmium	0.61		10/04/2024	1604
7440-47-3	Chromium	19		10/04/2024	1604
7440-48-4	Cobalt	15		10/04/2024	1604
7440-50-8	Copper	61		10/04/2024	1604
7439-92-1	Lead	28		10/04/2024	1604
7440-02-0	Nickel	21		10/04/2024	1604
7782-49-2	Selenium	2.0	U	10/04/2024	1604
7440-22-4	Silver	0.19	J	10/04/2024	1604
7440-28-0	Thallium	0.11	J	10/04/2024	1604
7440-62-2	Vanadium	54		10/04/2024	1604
7440-66-6	Zinc	130		10/04/2024	1604

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

Comments:

EPA SAMPLE NO.

MYD4W2

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-18

% Solids: 98.8 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	10/04/2024	1607
7440-38-2	Arsenic	44		10/04/2024	1607
7440-39-3	Barium	120		10/04/2024	1607
7440-41-7	Beryllium	0.58		10/04/2024	1607
7440-43-9	Cadmium	0.65		10/04/2024	1607
7440-47-3	Chromium	16		10/04/2024	1607
7440-48-4	Cobalt	15		10/04/2024	1607
7440-50-8	Copper	47		10/04/2024	1607
7439-92-1	Lead	33		10/04/2024	1607
7440-02-0	Nickel	15		10/04/2024	1607
7782-49-2	Selenium	0.57	J	10/04/2024	1607
7440-22-4	Silver	0.16	J	10/04/2024	1607
7440-28-0	Thallium	0.12	J	10/04/2024	1607
7440-62-2	Vanadium	58		10/04/2024	1607
7440-66-6	Zinc	140		10/04/2024	1607

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

Comments:

EPA SAMPLE NO.

MYD4W3

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-19

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.33	J	10/04/2024	1610
7440-38-2	Arsenic	19		10/04/2024	1610
7440-39-3	Barium	93		10/04/2024	1610
7440-41-7	Beryllium	0.49		10/04/2024	1610
7440-43-9	Cadmium	0.33	J	10/04/2024	1610
7440-47-3	Chromium	17		10/04/2024	1610
7440-48-4	Cobalt	15		10/04/2024	1610
7440-50-8	Copper	37		10/04/2024	1610
7439-92-1	Lead	10		10/04/2024	1610
7440-02-0	Nickel	18		10/04/2024	1610
7782-49-2	Selenium	1.9	U	10/04/2024	1610
7440-22-4	Silver	0.054	J	10/04/2024	1610
7440-28-0	Thallium	0.085	J	10/04/2024	1610
7440-62-2	Vanadium	54		10/04/2024	1610
7440-66-6	Zinc	78		10/04/2024	1610

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

Comments:

EPA SAMPLE NO.

MYD4W4

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-20

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.56	J	10/04/2024	1614
7440-38-2	Arsenic	39		10/04/2024	1614
7440-39-3	Barium	140		10/04/2024	1614
7440-41-7	Beryllium	0.59		10/04/2024	1614
7440-43-9	Cadmium	0.77		10/04/2024	1614
7440-47-3	Chromium	16		10/04/2024	1614
7440-48-4	Cobalt	16		10/04/2024	1614
7440-50-8	Copper	70		10/04/2024	1614
7439-92-1	Lead	33		10/04/2024	1614
7440-02-0	Nickel	16		10/04/2024	1614
7782-49-2	Selenium	0.31	J	10/04/2024	1614
7440-22-4	Silver	0.20	J	10/04/2024	1614
7440-28-0	Thallium	0.097	J	10/04/2024	1614
7440-62-2	Vanadium	62		10/04/2024	1614
7440-66-6	Zinc	140		10/04/2024	1614

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

Comments:

EPA SAMPLE NO.

MYD4W5

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-21

% Solids: 98.7 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	0.70	J	10/04/2024	1617
7440-38-2	Arsenic	35		10/04/2024	1617
7440-39-3	Barium	150		10/04/2024	1617
7440-41-7	Beryllium	0.64		10/04/2024	1617
7440-43-9	Cadmium	0.79		10/04/2024	1617
7440-47-3	Chromium	19		10/04/2024	1617
7440-48-4	Cobalt	19		10/04/2024	1617
7440-50-8	Copper	82		10/04/2024	1617
7439-92-1	Lead	29		10/04/2024	1617
7440-02-0	Nickel	17		10/04/2024	1617
7782-49-2	Selenium	0.49	J	10/04/2024	1617
7440-22-4	Silver	0.20	J	10/04/2024	1617
7440-28-0	Thallium	0.11	J	10/04/2024	1617
7440-62-2	Vanadium	74		10/04/2024	1617
7440-66-6	Zinc	120		10/04/2024	1617

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

Comments:

EPA SAMPLE NO.

MYD4W6

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.: MYD4S8

Matrix: SOIL Lab Sample ID: P2810-22

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

Analytical Method: ICP_MS

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.61	J	10/04/2024	1620
7440-38-2	Arsenic	27		10/04/2024	1620
7440-39-3	Barium	150		10/04/2024	1620
7440-41-7	Beryllium	0.56		10/04/2024	1620
7440-43-9	Cadmium	0.70		10/04/2024	1620
7440-47-3	Chromium	20		10/04/2024	1620
7440-48-4	Cobalt	16		10/04/2024	1620
7440-50-8	Copper	67		10/04/2024	1620
7439-92-1	Lead	25		10/04/2024	1620
7440-02-0	Nickel	18		10/04/2024	1620
7782-49-2	Selenium	0.32	J	10/04/2024	1620
7440-22-4	Silver	0.16	J	10/04/2024	1620
7440-28-0	Thallium	0.11	J	10/04/2024	1620
7440-62-2	Vanadium	62		10/04/2024	1620
7440-66-6	Zinc	110		10/04/2024	1620

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

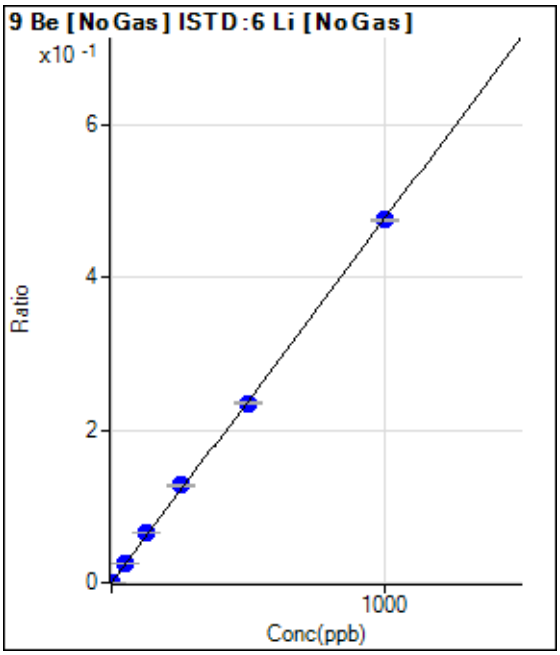
Comments:

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100424-MS5.b\
Analysis File: P7100424-MS5.batch.bin
DA Date-Time: 2024-10-08 00:53:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-04 11:21:39
2	005CALS.d	S02	2024-10-04 11:24:57
3	006CALS.d	S03	2024-10-04 11:28:15
4	007CALS.d	S04	2024-10-04 11:31:23
5	008CALS.d	S05	2024-10-04 11:34:23
6	009CALS.d	S06	2024-10-04 11:37:14
7	010CALS.d	S07	2024-10-04 11:40:04
8	011CALS.d	S08	2024-10-04 11:42:49

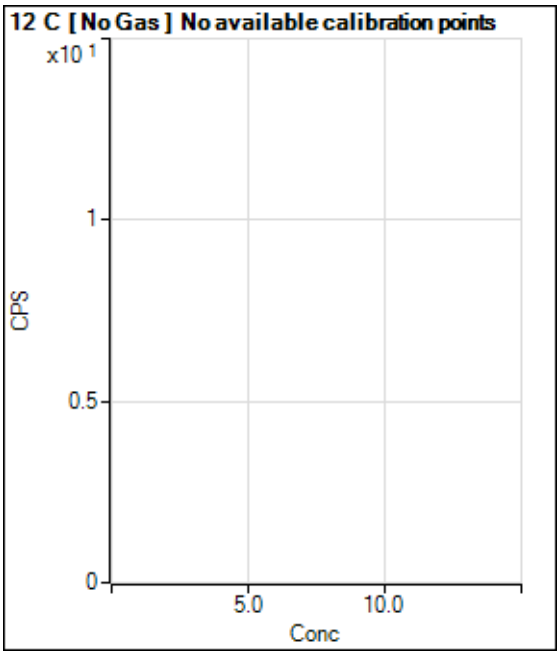
Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0000	P	32.
2	☐	1.000	1.185	1200.06	0.0006	P	5.5
3	☐	50.000	52.625	53403.43	0.0251	P	1.2
4	☐	125.000	136.746	140415.99	0.0652	P	0.8
5	☐	250.000	267.249	278075.84	0.1274	P	0.9
6	☐	500.000	492.991	528337.66	0.2351	P	0.6
7	☐	1000.000	997.593	1045878.59	0.4757	P	0.6
8	☐			242.23	0.0001	P	28.

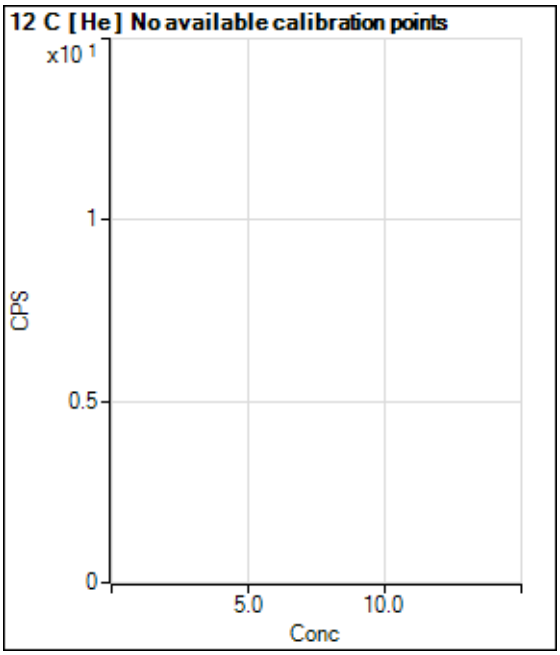
y = 4.7679E-004 * x + 1.4543E-005
R = 0.9998
DL = 0.02985
BEC = 0.0305

Weight: <None>
Min Conc: 0

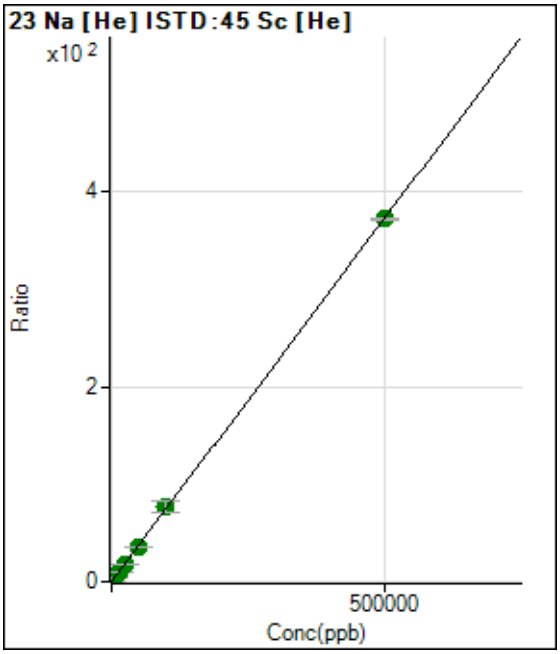


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7



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

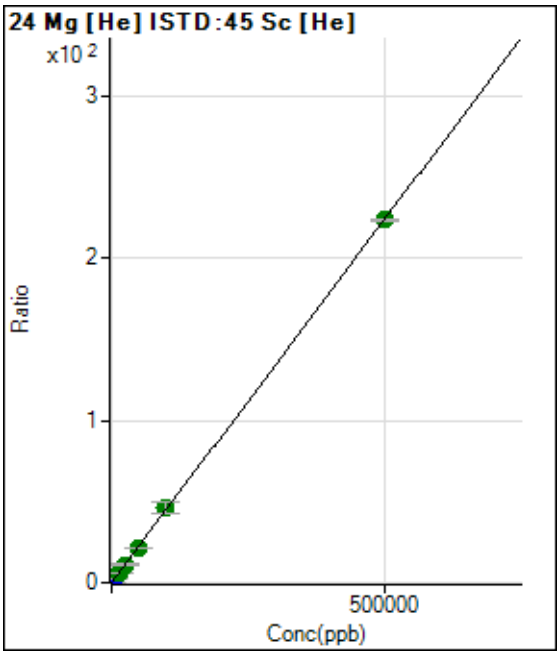


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5170.91	0.0127	P	1.0
2	☐	500.000	546.412	169077.79	0.4198	P	0.9
3	☐	5000.000	4884.617	1514311.45	3.6516	A	1.2
4	☐	12500.000	12650.065	4046719.56	9.4366	A	2.0
5	☐	25000.000	24828.448	7907208.07	18.5091	A	2.0
6	☐	50000.000	48225.491	14983513.39	35.9392	A	1.4
7	☐	100000.00	103814.63	30853265.37	77.3513	A	14.
8	☐	500000.00	499420.45	155914277.6	372.0652	A	0.7

y = 7.4497E-004 * x + 0.0127
R = 1.0000
DL = 0.5346
BEC = 17.05

Weight: <None>
Min Conc: 0

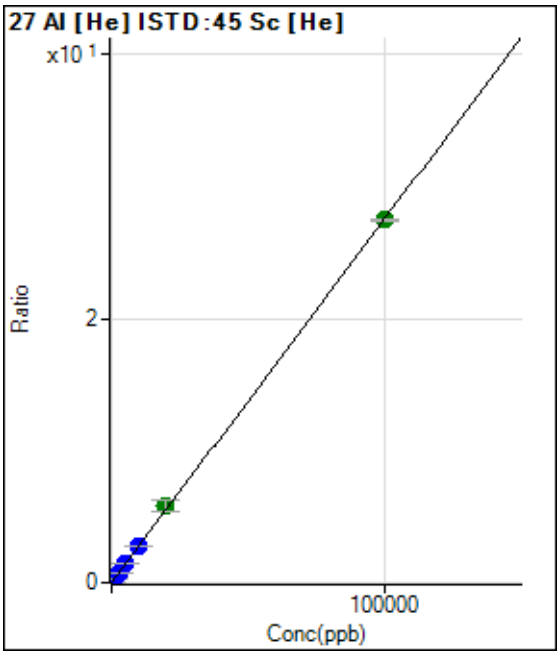
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	875.59	0.0022	P	11.
2	☐	500.000	584.776	106246.69	0.2638	P	0.9
3	☐	5000.000	5140.785	954695.64	2.3021	P	1.0
4	☐	12500.000	12760.828	2449354.53	5.7112	A	1.3
5	☐	25000.000	24873.184	4754360.21	11.1302	A	2.8
6	☐	50000.000	48178.895	8987436.95	21.5570	A	1.5
7	☐	100000.00	103556.25	18474386.67	46.3324	A	14.
8	☐	500000.00	499469.18	93641927.49	223.4606	A	0.5

y = 4.4739E-004 * x + 0.0022
R = 1.0000
DL = 1.695
BEC = 4.808

Weight: <None>
Min Conc: 0

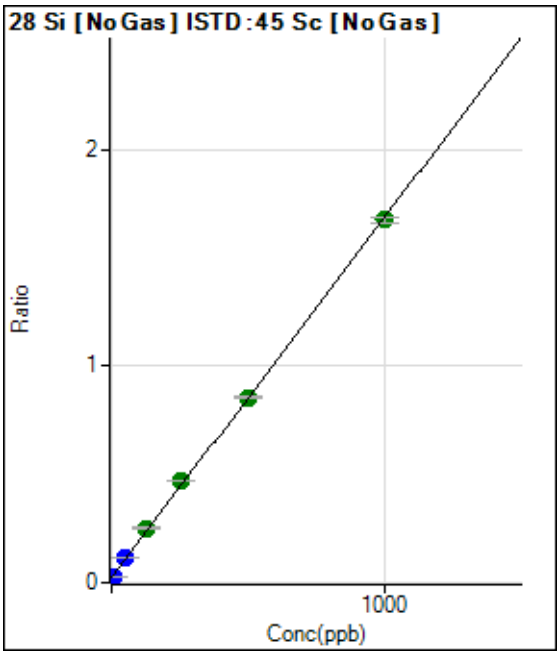


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0002	P	23.
2	☐	20.000	20.293	2320.20	0.0058	P	2.0
3	☐	1000.000	1025.458	117109.85	0.2824	P	0.9
4	☐	2500.000	2634.963	311068.04	0.7254	P	1.4
5	☐	5000.000	5200.294	611532.06	1.4314	P	1.5
6	☐	10000.000	9949.669	1141701.23	2.7385	P	0.7
7	☐	20000.000	20994.646	2303135.14	5.7782	A	14.
8	☐	100000.00	99792.460	11508980.11	27.4644	A	0.7

y = 2.7521E-004 * x + 1.7459E-004
R = 0.9999
DL = 0.4368
BEC = 0.6344

Weight: <None>
Min Conc: 0

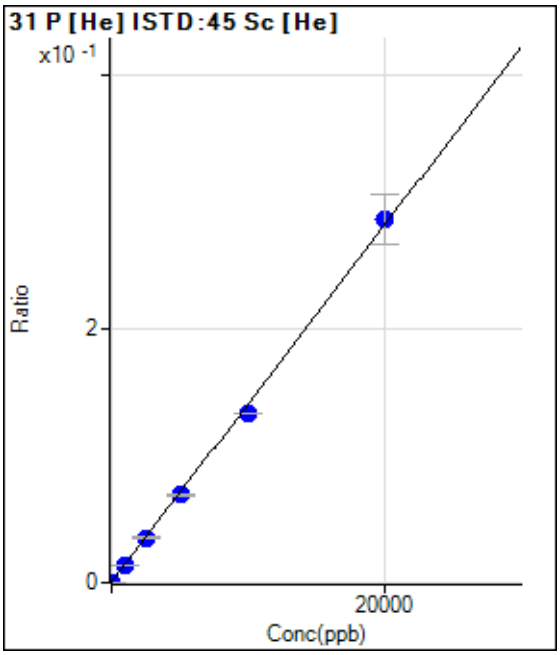
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On:10/10/2024 7:41:11 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	118730.65	0.0227	P	1.1
2	☐	10.000	1.621	130207.77	0.0254	P	1.3
3	☐	50.000	53.722	582368.57	0.1122	P	0.6
4	☐	125.000	138.262	1347636.24	0.2530	A	0.8
5	☐	250.000	270.138	2554940.01	0.4727	A	1.1
6	☐	500.000	500.264	4629816.91	0.8560	A	1.0
7	☐	1000.000	993.073	8962912.44	1.6768	A	1.3
8	☐			196175.83	0.0364	P	2.1

y = 0.0017 * x + 0.0227
R = 0.9996
DL = 0.4494
BEC = 13.65

Weight: <None>
Min Conc: 0

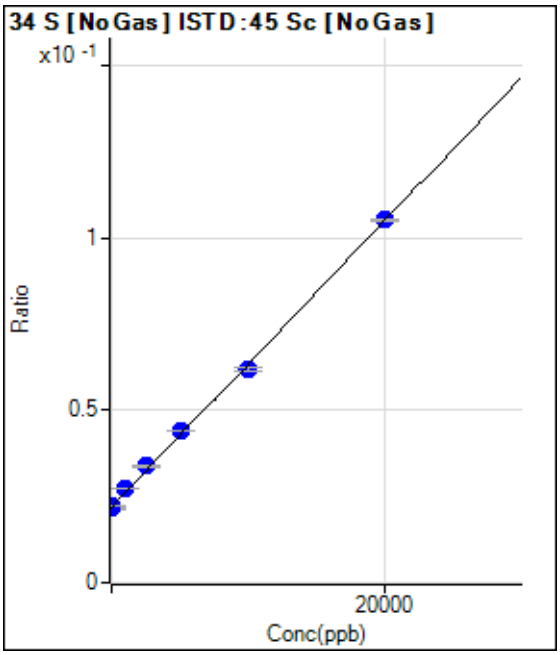


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.913	71.11	0.0002	P	52.
2	☐	0.000	16.913	262.23	0.0007	P	1.7
3	☐	1000.000	968.435	5823.38	0.0140	P	1.1
4	☐	2500.000	2493.653	15226.56	0.0355	P	1.9
5	☐	5000.000	4881.823	29525.18	0.0691	P	1.8
6	☐	10000.000	9464.536	55699.70	0.1336	P	0.5
7	☐	20000.000	20299.648	114147.99	0.2861	P	13.
8	☐			121.11	0.0003	P	16.

y = 1.4072E-005 * x + 4.1293E-004
R = 0.9995
DL = 11.05
BEC = 29.34

Weight: <None>
Min Conc: 0

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-109.052	112370.41	0.0215	P	0.5
2	☐	0.000	109.052	114798.20	0.0224	P	1.2
3	☐	1000.000	1280.919	141694.14	0.0273	P	1.0
4	☐	2500.000	2852.103	180230.01	0.0338	P	0.4
5	☐	5000.000	5357.324	239206.49	0.0443	P	0.4
6	☐	10000.000	9600.981	334821.49	0.0619	P	1.5
7	☐	20000.000	20052.120	563199.30	0.1054	P	0.7
8	☐			113158.33	0.0210	P	3.7

y = 4.1587E-006 * x + 0.0220

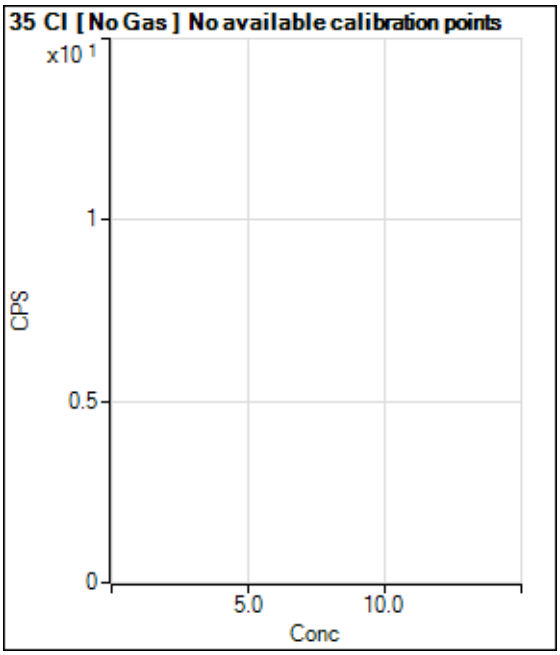
R = 0.9993

DL = 139

BEC = 5285

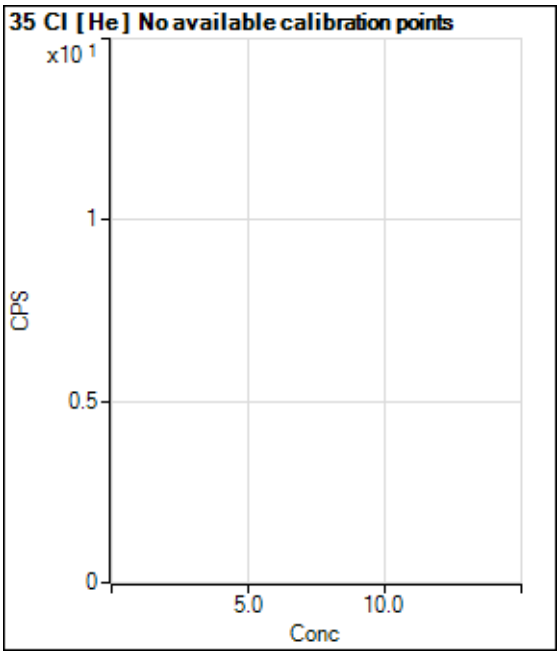
Weight: <None>

Min Conc: 0

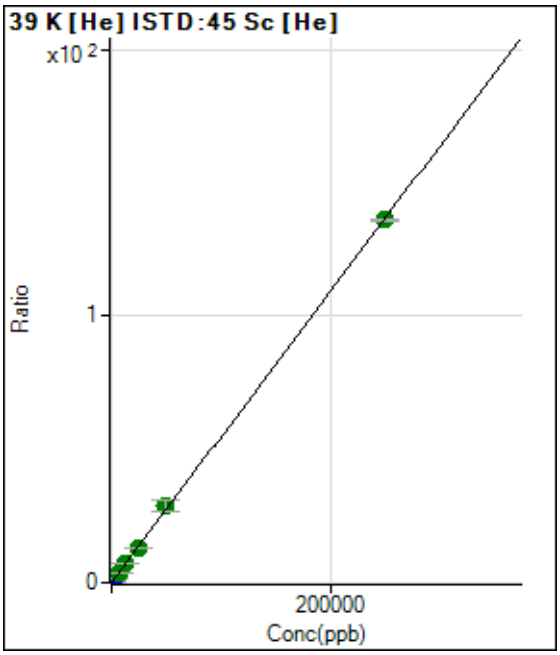


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
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2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7



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

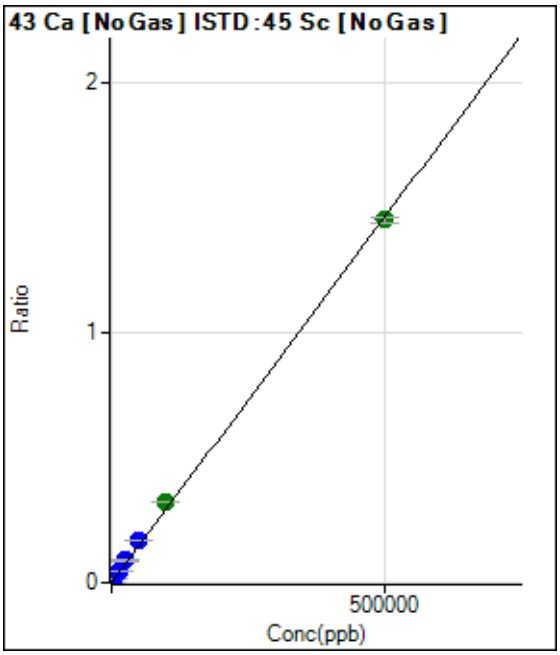


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1	☐	0.000	0.000	25305.55	0.0622	P	2.4
2	☐	500.000	573.502	150940.75	0.3747	P	0.7
3	☐	2500.000	2683.929	632423.63	1.5250	P	1.1
4	☐	6250.000	6439.638	1531902.39	3.5720	A	1.3
5	☐	12500.000	12604.314	2961363.22	6.9320	A	2.2
6	☐	25000.000	24139.861	5511234.50	13.2194	A	1.3
7	☐	50000.000	52683.861	11470951.49	28.7771	A	14.
8	☐	250000.00	249537.29	57020791.93	136.0707	A	0.6

y = 5.4504E-004 * x + 0.0622
R = 0.9999
DL = 8.044
BEC = 114

Weight: <None>
Min Conc: 0

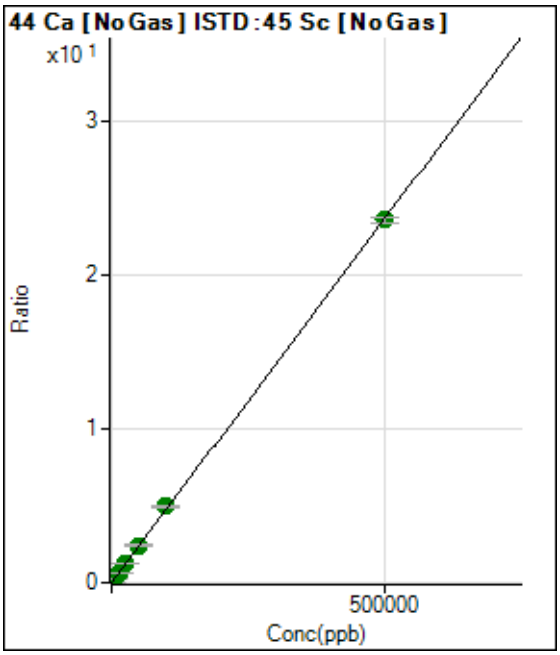
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Inst Id :P7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	126.67	0.0000	P	13.
2	☐	500.000	585.245	8879.34	0.0017	P	3.0
3	☐	5000.000	5884.351	89387.72	0.0172	P	0.7
4	☐	12500.000	15335.024	238858.27	0.0448	P	1.2
5	☐	25000.000	30278.317	478463.10	0.0885	P	0.7
6	☐	50000.000	57145.231	903566.95	0.1670	P	0.8
7	☐	100000.00	111253.89	1738169.56	0.3252	A	0.2
8	☐	500000.00	496690.97	7819281.27	1.4517	A	1.9

y = 2.9227E-006 * x + 2.4266E-005
R = 0.9997
DL = 3.324
BEC = 8.303

Weight: <None>
Min Conc: 0

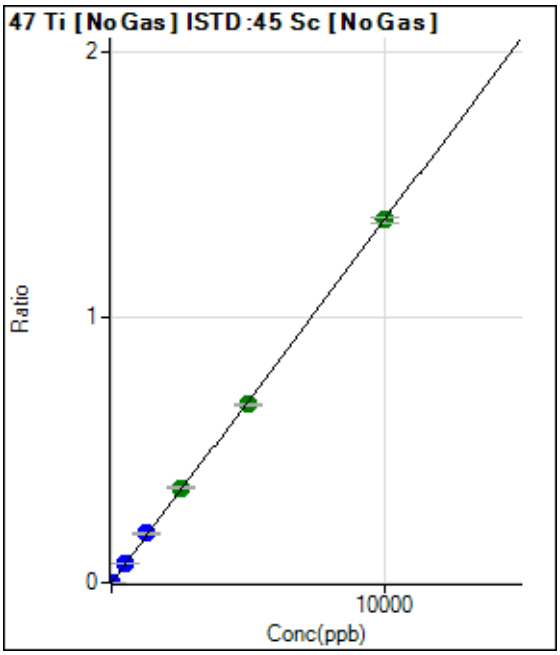


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2834.75	0.0005	P	5.2
2	☐	500.000	583.502	143714.97	0.0281	P	0.9
3	☐	5000.000	5308.456	1303029.27	0.2511	A	0.1
4	☐	12500.000	13697.030	3446097.83	0.6470	A	0.7
5	☐	25000.000	27047.309	6902520.38	1.2771	A	0.1
6	☐	50000.000	51359.002	13113926.47	2.4245	A	1.2
7	☐	100000.00	104516.25	26369660.72	4.9333	A	0.7
8	☐	500000.00	498825.39	126816172.5	23.5430	A	1.6

y = 4.7196E-005 * x + 5.4294E-004
R = 1.0000
DL = 1.803
BEC = 11.5

Weight: <None>
Min Conc: 0

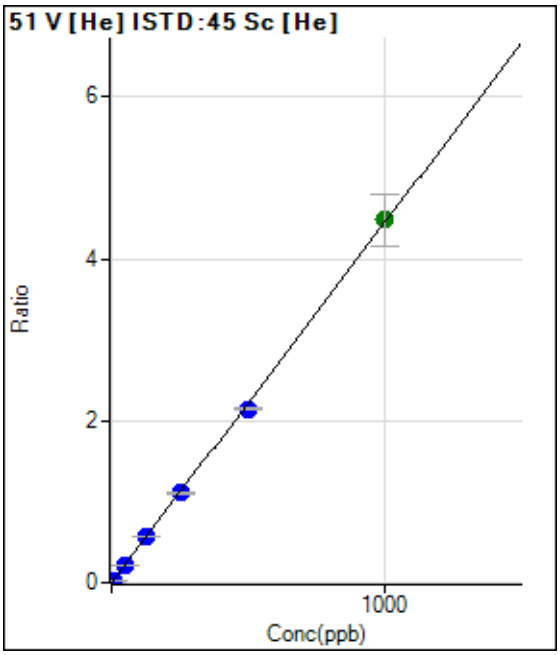
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1145.61	0.0002	P	11.
2	☐	5.000	4.648	4380.68	0.0009	P	1.4
3	☐	500.000	520.645	371163.35	0.0715	P	0.6
4	☐	1250.000	1354.961	989570.92	0.1858	P	0.8
5	☐	2500.000	2614.823	1936802.65	0.3583	A	0.6
6	☐	5000.000	4916.629	3643244.46	0.6736	A	1.2
7	☐	10000.000	9998.827	7320874.61	1.3696	A	1.2
8	☐			1721.23	0.0003	P	2.8

y = 1.3696E-004 * x + 2.1943E-004
R = 0.9998
DL = 0.5288
BEC = 1.602

Weight: <None>
Min Conc: 0

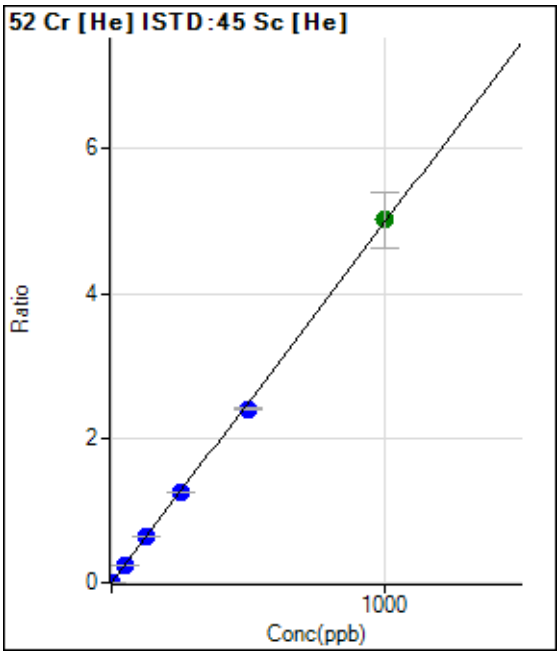


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.45	0.0000	P	86.
2	☐	5.000	5.219	9338.53	0.0232	P	2.8
3	☐	50.000	49.606	91368.58	0.2203	P	1.3
4	☐	125.000	127.568	242980.29	0.5666	P	1.3
5	☐	250.000	250.570	475443.29	1.1129	P	1.7
6	☐	500.000	482.007	892502.66	2.1407	P	0.8
7	☐	1000.000	1008.551	1786647.40	4.4793	A	14.
8	☐			373.34	0.0009	P	5.8

y = 0.0044 * x + 1.0943E-005
R = 0.9998
DL = 0.006402
BEC = 0.002464

Weight: <None>
Min Conc: 0

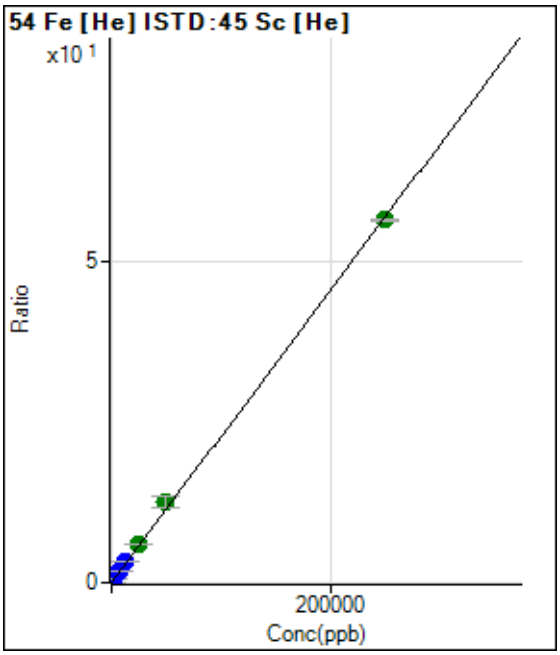
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	392.23	0.0010	P	13.
2	☐	2.000	2.162	4721.89	0.0117	P	2.2
3	☐	50.000	50.114	103811.53	0.2503	P	1.0
4	☐	125.000	128.666	274969.19	0.6412	P	1.6
5	☐	250.000	250.823	533604.52	1.2490	P	1.8
6	☐	500.000	482.937	1002252.90	2.4040	P	0.9
7	☐	1000.000	1007.861	1999001.40	5.0159	A	15.
8	☐			7537.51	0.0180	P	0.5

y = 0.0050 * x + 9.6369E-004
R = 0.9998
DL = 0.07939
BEC = 0.1937

Weight: <None>
Min Conc: 0

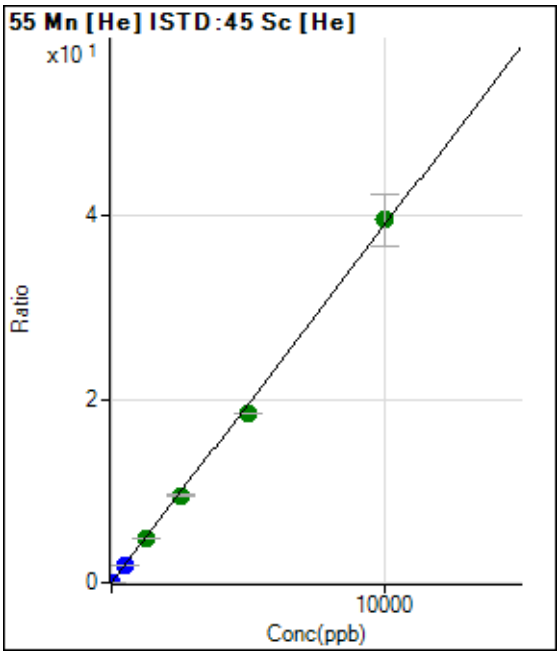


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2007.93	0.0049	P	2.1
2	☐	50.000	59.119	7394.09	0.0184	P	2.0
3	☐	2500.000	2841.770	269688.06	0.6503	P	0.9
4	☐	6250.000	7355.619	718535.28	1.6754	P	1.1
5	☐	12500.000	14346.870	1394067.92	3.2632	P	2.0
6	☐	25000.000	26041.983	2467802.13	5.9193	A	0.7
7	☐	50000.000	55226.034	4996309.20	12.5472	A	16.
8	☐	250000.00	248727.19	23673618.81	56.4927	A	0.4

y = 2.2711E-004 * x + 0.0049
R = 0.9998
DL = 1.384
BEC = 21.71

Weight: <None>
Min Conc: 0

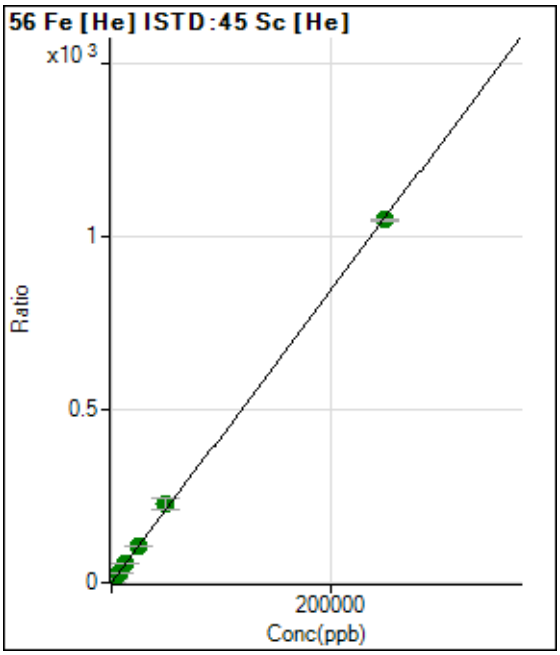
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1064.49	0.0026	P	4.7
2	☐	1.000	0.975	2581.35	0.0064	P	2.0
3	☐	500.000	502.693	812630.52	1.9595	P	0.8
4	☐	1250.000	1243.680	2077369.33	4.8441	A	1.6
5	☐	2500.000	2441.087	4060963.52	9.5055	A	1.7
6	☐	5000.000	4731.425	7680218.71	18.4215	A	0.4
7	☐	10000.000	10149.671	15753836.99	39.5140	A	14.
8	☐			7772.07	0.0185	P	2.0

y = 0.0039 * x + 0.0026
R = 0.9994
DL = 0.09373
BEC = 0.6715

Weight: <None>
Min Conc: 0

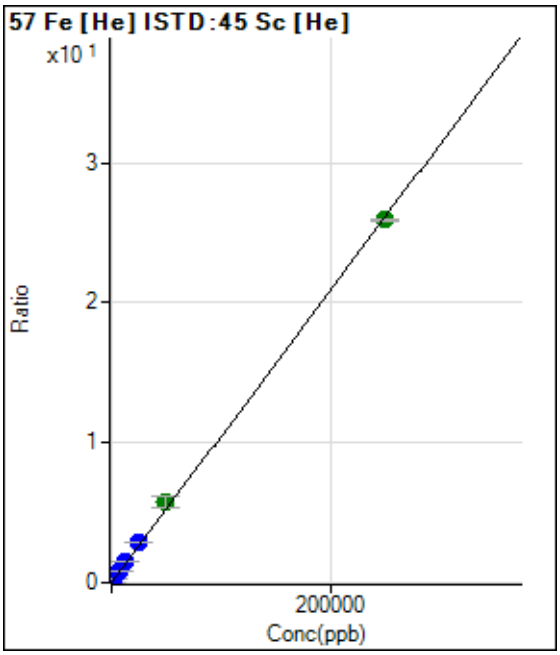


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24978.59	0.0613	P	2.0
2	☐	50.000	56.855	120930.98	0.3002	P	0.6
3	☐	2500.000	2630.509	4608945.42	11.1135	A	0.3
4	☐	6250.000	6751.866	12192533.43	28.4296	A	0.8
5	☐	12500.000	13201.733	23723639.09	55.5289	A	1.6
6	☐	25000.000	25437.836	44584687.11	106.9393	A	0.8
7	☐	50000.000	54493.018	91304646.42	229.0157	A	14.
8	☐	250000.00	249008.67	438450269.0	1,046.280	A	0.5

y = 0.0042 * x + 0.0613
R = 0.9998
DL = 0.8577
BEC = 14.6

Weight: <None>
Min Conc: 0

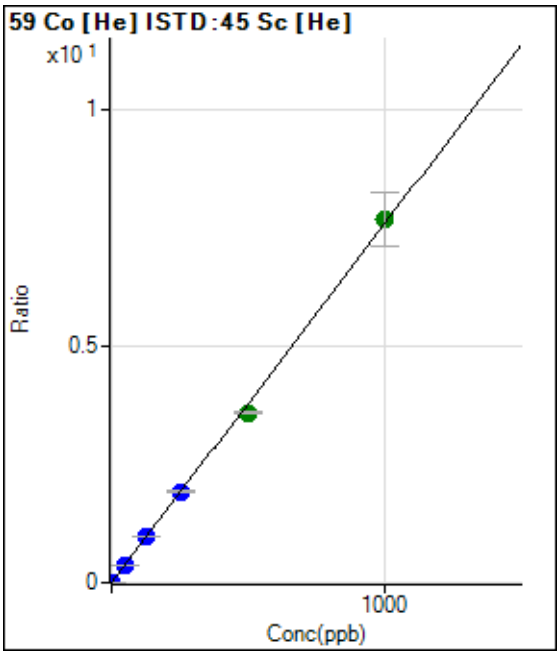
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	911.15	0.0022	P	12.
2	☐	50.000	58.312	3350.40	0.0083	P	0.7
3	☐	2500.000	2817.031	122746.92	0.2960	P	0.7
4	☐	6250.000	7255.136	325418.87	0.7588	P	0.6
5	☐	12500.000	14187.151	632987.47	1.4816	P	1.6
6	☐	25000.000	27248.700	1185542.06	2.8436	P	0.8
7	☐	50000.000	55023.962	2288216.11	5.7399	A	14.
8	☐	250000.00	248657.68	10866602.62	25.9311	A	0.5

y = 1.0428E-004 * x + 0.0022
R = 0.9998
DL = 7.799
BEC = 21.46

Weight: <None>
Min Conc: 0

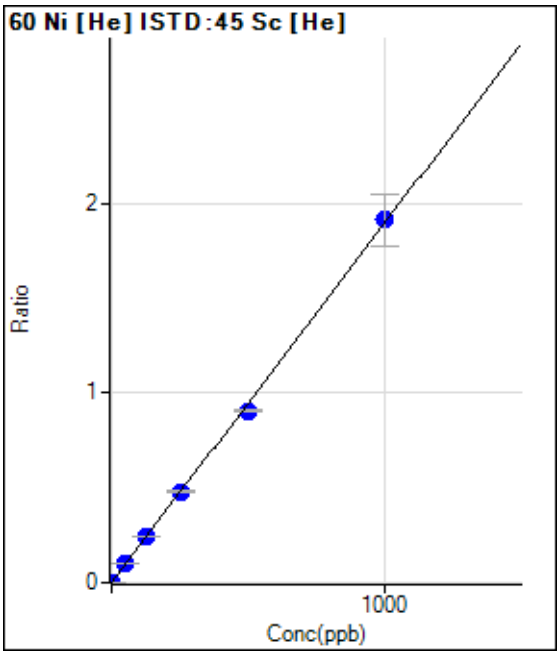


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.45	0.0008	P	1.2
2	☐	1.000	1.178	3914.99	0.0097	P	0.8
3	☐	50.000	50.555	159568.81	0.3848	P	1.0
4	☐	125.000	129.728	422918.60	0.9862	P	1.4
5	☐	250.000	252.716	820406.85	1.9204	P	1.9
6	☐	500.000	474.152	1501823.90	3.6024	A	1.8
7	☐	1000.000	1011.626	3063448.95	7.6850	A	14.
8	☐			8172.29	0.0195	P	0.8

y = 0.0076 * x + 7.7223E-004
R = 0.9995
DL = 0.003613
BEC = 0.1017

Weight: <None>
Min Conc: 0

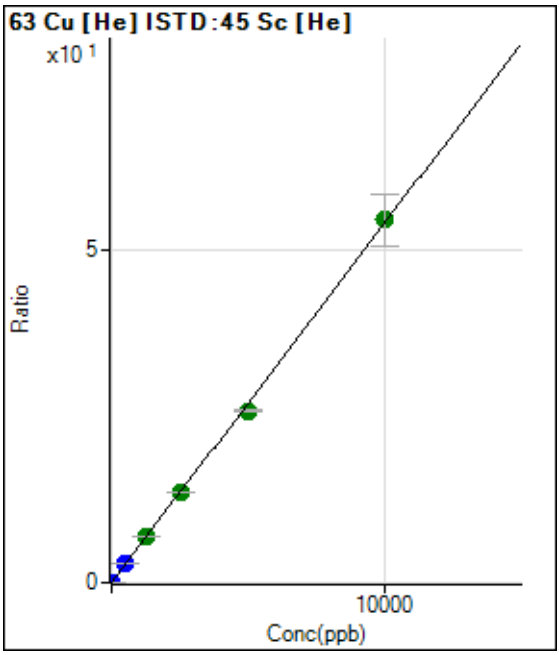
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	171.12	0.0004	P	13.
2	☐	1.000	1.231	1110.05	0.0028	P	5.4
3	☐	50.000	51.344	40541.33	0.0978	P	0.9
4	☐	125.000	129.324	105319.56	0.2456	P	0.9
5	☐	250.000	253.447	205437.07	0.4809	P	1.9
6	☐	500.000	477.433	377506.66	0.9055	P	0.7
7	☐	1000.000	1009.814	763558.38	1.9147	P	14.
8	☐			3863.88	0.0092	P	0.7

y = 0.0019 * x + 4.2016E-004
R = 0.9996
DL = 0.08671
BEC = 0.2216

Weight: <None>
Min Conc: 0

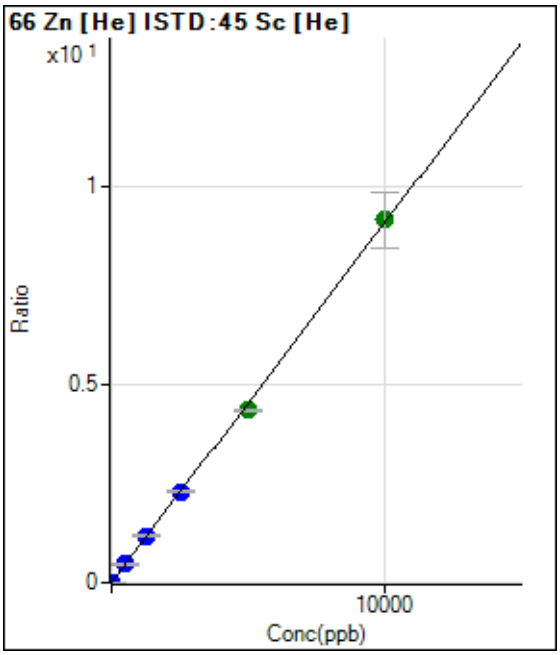


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	518.90	0.0013	P	5.5
2	☐	2.000	2.100	5083.13	0.0126	P	2.5
3	☐	500.000	512.349	1148128.78	2.7685	P	0.7
4	☐	1250.000	1297.571	3006296.24	7.0096	A	1.0
5	☐	2500.000	2518.556	5812228.17	13.6042	A	1.6
6	☐	5000.000	4785.239	10775512.62	25.8467	A	1.2
7	☐	10000.000	10096.178	21745081.62	54.5316	A	14.
8	☐			4428.47	0.0106	P	4.9

y = 0.0054 * x + 0.0013
R = 0.9996
DL = 0.03906
BEC = 0.236

Weight: <None>
Min Conc: 0

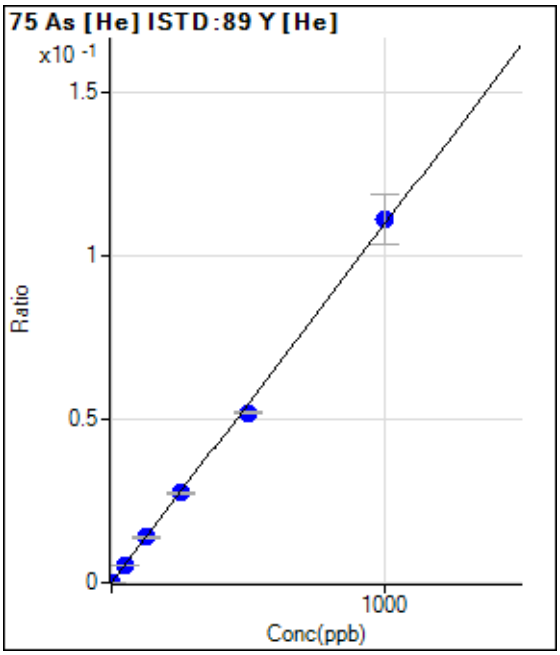
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	251.12	0.0006	P	3.9
2	☐	5.000	5.179	2145.73	0.0053	P	1.8
3	☐	500.000	510.672	192888.03	0.4651	P	1.5
4	☐	1250.000	1303.205	508639.91	1.1860	P	1.3
5	☐	2500.000	2537.341	986239.19	2.3086	P	2.2
6	☐	5000.000	4793.437	1818023.29	4.3608	A	1.7
7	☐	10000.000	10086.762	3656979.67	9.1758	A	15.
8	☐			2214.63	0.0053	P	2.7

y = 9.0962E-004 * x + 6.1665E-004
R = 0.9997
DL = 0.07859
BEC = 0.6779

Weight: <None>
Min Conc: 0

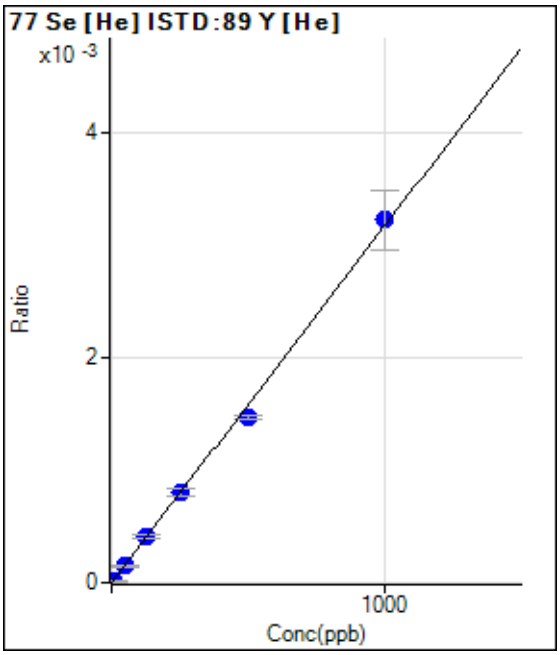


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.
2	☐	1.000	1.257	336.68	0.0001	P	6.4
3	☐	50.000	49.594	13415.04	0.0054	P	1.7
4	☐	125.000	126.686	35398.83	0.0139	P	2.5
5	☐	250.000	249.732	69018.15	0.0274	P	2.3
6	☐	500.000	474.788	129658.83	0.0520	P	0.9
7	☐	1000.000	1012.482	265987.45	0.1109	P	13.
8	☐			177.78	0.0001	P	9.8

y = 1.0957E-004 * x + 1.3499E-006
R = 0.9995
DL = 0.03684
BEC = 0.01232

Weight: <None>
Min Conc: 0

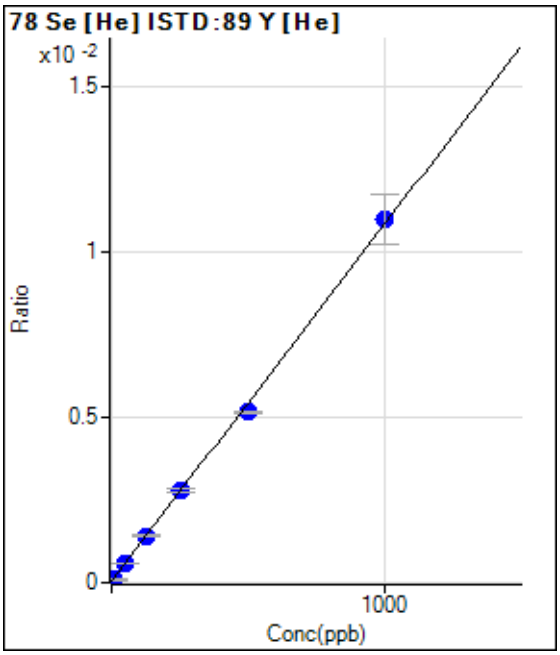
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.186	24.44	0.0000	P	57.
3	☐	50.000	46.849	366.68	0.0001	P	5.1
4	☐	125.000	128.919	1043.38	0.0004	P	7.0
5	☐	250.000	253.472	2026.83	0.0008	P	9.4
6	☐	500.000	462.233	3654.93	0.0015	P	2.3
7	☐	1000.000	1017.692	7722.08	0.0032	P	16.
8	☐			0.00	0.0000	P	

y = 3.1723E-006 * x + 0.0000E+000
R = 0.9989
DL = 0
BEC = 0

Weight: <None>
Min Conc: 0

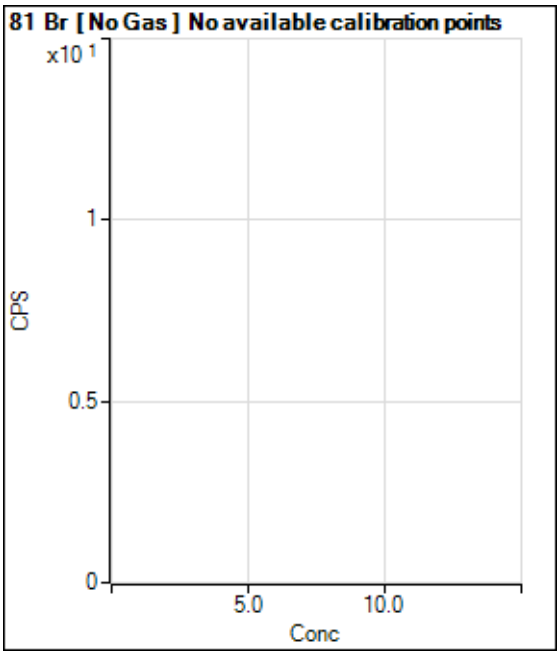


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	121.11	0.0000	P	15.
2	☐	5.000	3.562	212.23	0.0001	P	7.5
3	☐	50.000	48.864	1421.20	0.0006	P	3.6
4	☐	125.000	127.096	3619.37	0.0014	P	3.1
5	☐	250.000	253.856	7022.83	0.0028	P	4.7
6	☐	500.000	472.827	12824.55	0.0051	P	0.9
7	☐	1000.000	1012.424	26280.00	0.0110	P	13.
8	☐			137.78	0.0001	P	14.

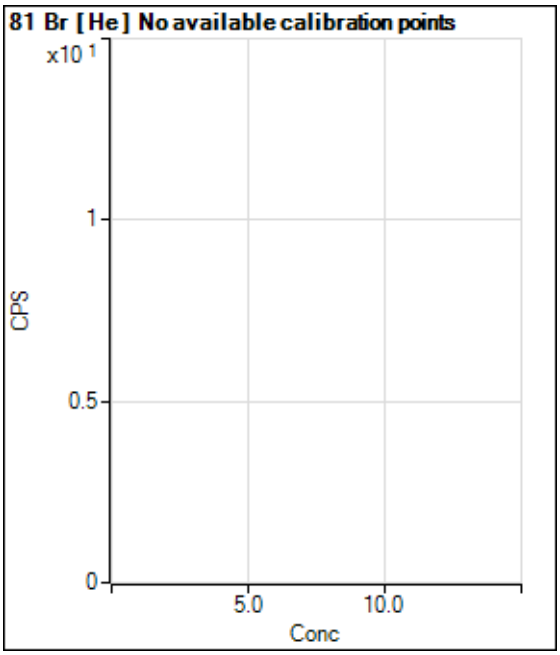
y = 1.0779E-005 * x + 4.9293E-005
R = 0.9995
DL = 2.165
BEC = 4.573

Weight: <None>
Min Conc: 0

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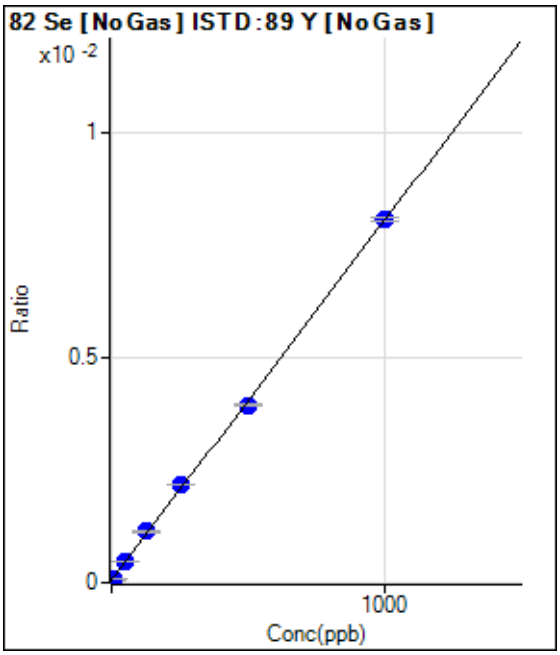


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7318.57		P	1.9
2	☐			7346.34		P	1.4
3	☐			7636.48		P	0.7
4	☐			7685.39		P	3.4
5	☐			7605.37		P	1.5
6	☐			7135.13		P	2.1
7	☐			7060.65		P	2.7
8	☐			7629.82		P	2.6



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			47.78		P	14.
2	☐			47.78		P	34.
3	☐			58.89		P	36.
4	☐			48.89		P	43.
5	☐			41.11		P	4.7
6	☐			38.89		P	27.
7	☐			40.00		P	16.
8	☐			47.78		P	40.

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	602.23	0.0001	P	4.7
2	☐	5.000	5.548	1070.49	0.0001	P	7.7
3	☐	50.000	52.591	5156.50	0.0005	P	0.6
4	☐	125.000	135.120	12578.99	0.0011	P	0.8
5	☐	250.000	264.060	24256.47	0.0022	P	0.6
6	☐	500.000	487.164	45121.58	0.0040	P	1.5
7	☐	1000.000	1001.506	90571.36	0.0081	P	1.1
8	☐			726.19	0.0001	P	7.3

y = 7.9969E-006 * x + 5.5920E-005

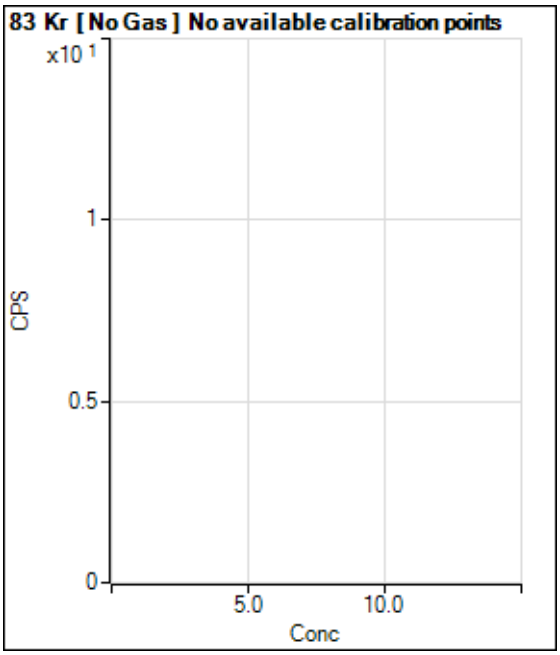
R = 0.9997

DL = 0.9921

BEC = 6.993

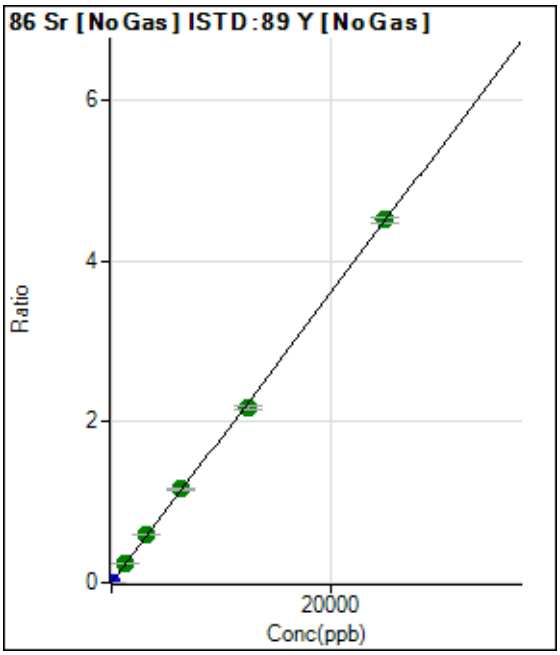
Weight: <None>

Min Conc: 0



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			168.89		P	16.
2	☐			128.89		P	9.8
3	☐			151.12		P	10.
4	☐			140.00		P	9.5
5	☐			145.56		P	11.
6	☐			121.11		P	9.7
7	☐			176.67		P	5.0
8	☐			153.34		P	19.

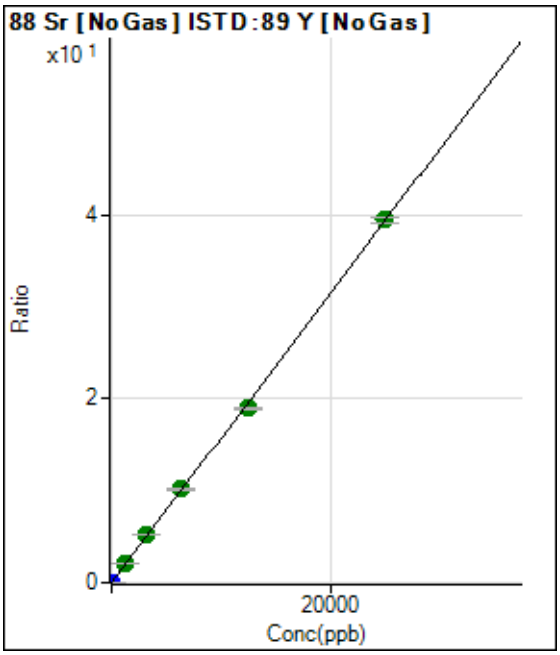
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0000	P	25.
2	☐	1.000	1.094	2284.64	0.0002	P	3.3
3	☐	1250.000	1273.697	2479417.48	0.2291	A	0.4
4	☐	3125.000	3294.616	6560137.61	0.5926	A	0.4
5	☐	6250.000	6477.565	13038642.44	1.1651	A	0.9
6	☐	12500.000	12118.214	24888149.91	2.1797	A	1.6
7	☐	25000.000	25111.615	50725051.47	4.5169	A	1.5
8	☐			7247.38	0.0007	P	3.8

y = 1.7987E-004 * x + 1.7144E-005
R = 0.9998
DL = 0.07279
BEC = 0.09531

Weight: <None>
Min Conc: 0

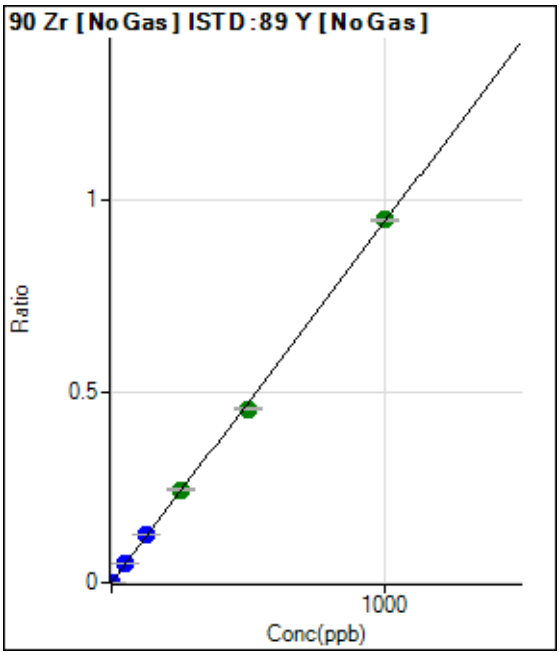


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.00	0.0000	P	4.1
2	☐	1.000	1.116	18881.12	0.0018	P	0.8
3	☐	1250.000	1270.199	21612373.01	1.9971	A	0.4
4	☐	3125.000	3276.162	57016199.15	5.1510	A	0.6
5	☐	6250.000	6480.084	114012479.4	10.1884	A	1.1
6	☐	12500.000	12095.290	217148774.5	19.0170	A	0.9
7	☐	25000.000	25124.929	443631215.6	39.5029	A	1.5
8	☐			61898.42	0.0057	P	0.5

y = 0.0016 * x + 1.3924E-005
R = 0.9997
DL = 0.001087
BEC = 0.008856

Weight: <None>
Min Conc: 0

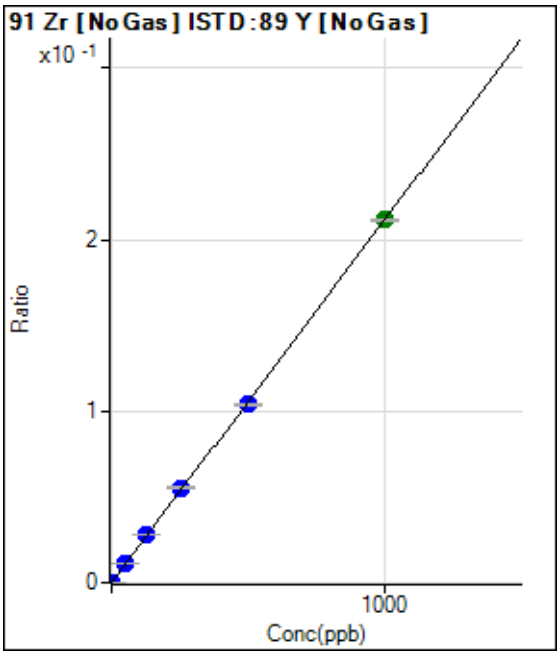
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563.35	0.0001	P	4.7
2	☐	1.000	1.089	11521.26	0.0011	P	1.0
3	☐	50.000	51.119	522139.61	0.0483	P	0.5
4	☐	125.000	132.223	1380566.74	0.1247	P	0.4
5	☐	250.000	257.138	2713631.18	0.2425	A	1.8
6	☐	500.000	482.329	5193059.68	0.4548	A	1.9
7	☐	1000.000	1006.092	10654006.99	0.9487	A	0.8
8	☐			6833.86	0.0006	P	3.5

y = 9.4287E-004 * x + 5.2296E-005
R = 0.9997
DL = 0.00774
BEC = 0.05547

Weight: <None>
Min Conc: 0

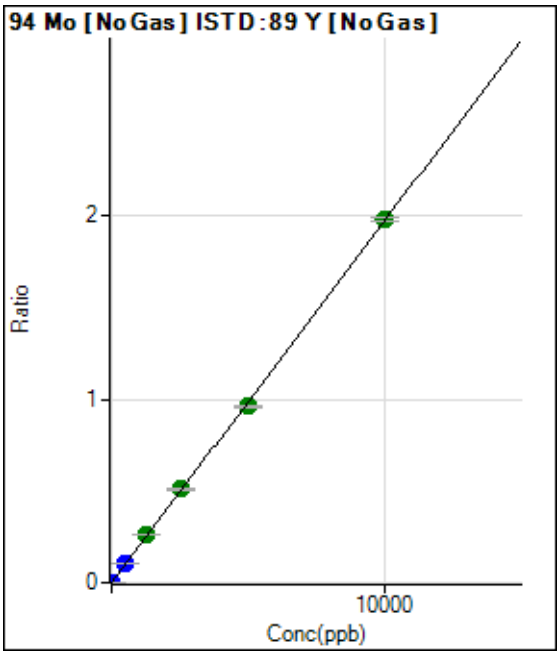


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	108.89	0.0000	P	32.
2	☐	1.000	1.093	2572.47	0.0002	P	1.7
3	☐	50.000	51.148	117069.86	0.0108	P	0.5
4	☐	125.000	132.333	309647.98	0.0280	P	0.5
5	☐	250.000	262.090	619851.84	0.0554	P	1.2
6	☐	500.000	490.929	1184627.31	0.1037	P	1.2
7	☐	1000.000	1000.539	2374527.72	0.2114	A	0.4
8	☐			1597.88	0.0001	P	1.2

y = 2.1130E-004 * x + 1.0090E-005
R = 0.9998
DL = 0.04714
BEC = 0.04775

Weight: <None>
Min Conc: 0

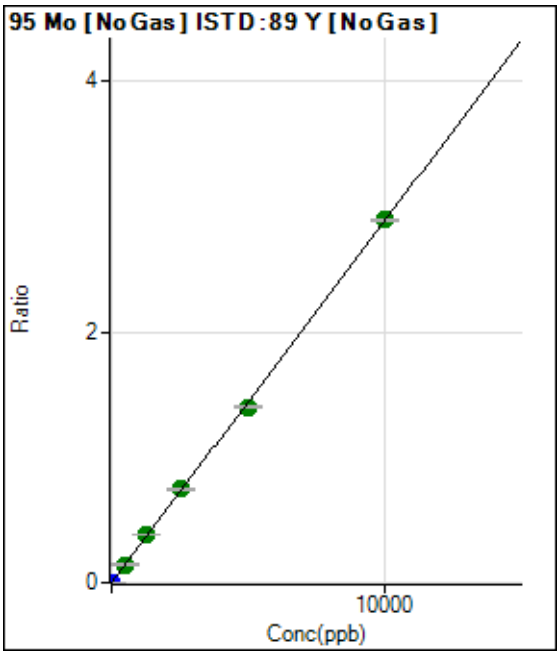
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	195.56	0.0000	P	12.
2	☐	5.000	6.251	13342.84	0.0012	P	2.6
3	☐	500.000	518.787	1106413.12	0.1022	P	0.7
4	☐	1250.000	1316.219	2871054.19	0.2594	A	0.7
5	☐	2500.000	2592.999	5717410.19	0.5109	A	1.6
6	☐	5000.000	4869.649	10955514.97	0.9595	A	1.6
7	☐	10000.000	10032.708	22200133.28	1.9768	A	1.0
8	☐			6401.46	0.0006	P	2.6

y = 1.9703E-004 * x + 1.8154E-005
R = 0.9998
DL = 0.03543
BEC = 0.09214

Weight: <None>
Min Conc: 0

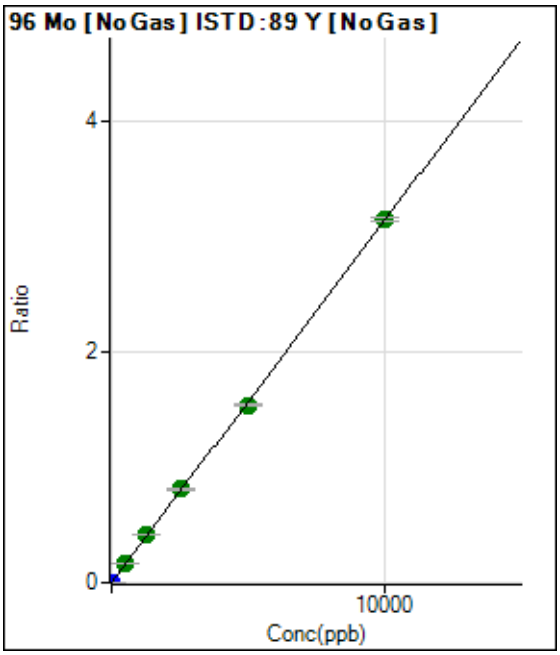


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	28.
2	☐	5.000	5.226	16128.97	0.0015	P	1.3
3	☐	500.000	504.377	1572760.53	0.1453	A	1.4
4	☐	1250.000	1311.157	4182083.24	0.3778	A	0.8
5	☐	2500.000	2599.251	8381244.94	0.7490	A	1.6
6	☐	5000.000	4864.806	16006511.98	1.4018	A	1.0
7	☐	10000.000	10034.920	32473747.29	2.8915	A	0.7
8	☐			6443.70	0.0006	P	3.0

y = 2.8814E-004 * x + 4.9585E-006
R = 0.9998
DL = 0.0145
BEC = 0.01721

Weight: <None>
Min Conc: 0

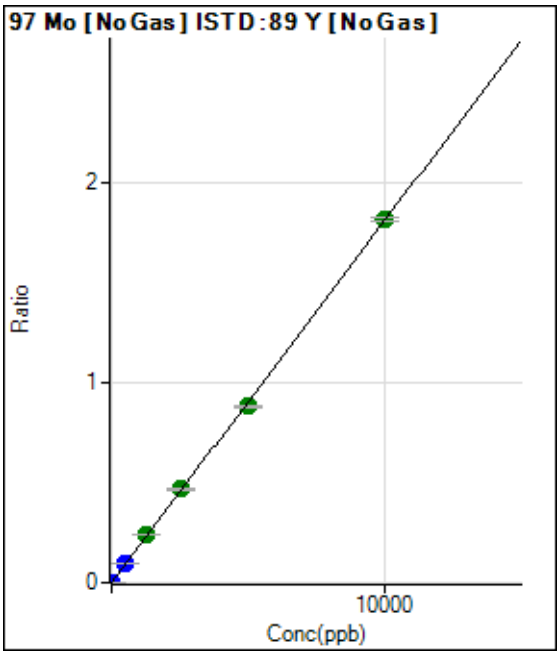
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.22	0.0000	P	16.
2	☐	5.000	5.281	17941.08	0.0017	P	1.7
3	☐	500.000	506.103	1721547.82	0.1591	A	0.5
4	☐	1250.000	1307.667	4549472.05	0.4110	A	0.9
5	☐	2500.000	2597.489	9135548.06	0.8164	A	2.1
6	☐	5000.000	4899.145	17582016.40	1.5398	A	1.1
7	☐	10000.000	10018.541	35361676.14	3.1487	A	0.9
8	☐			13172.68	0.0012	P	1.5

y = 3.1429E-004 * x + 2.0629E-005
R = 0.9999
DL = 0.03242
BEC = 0.06564

Weight: <None>
Min Conc: 0

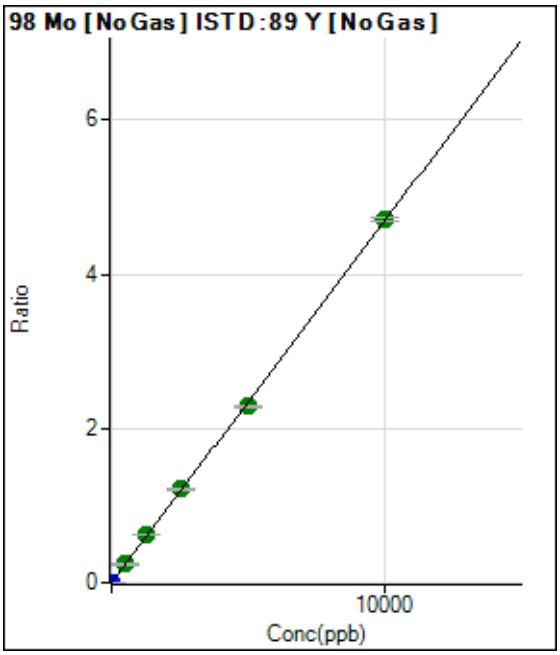


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	35.
2	☐	5.000	5.244	10159.16	0.0010	P	3.0
3	☐	500.000	513.261	1003620.84	0.0927	P	0.5
4	☐	1250.000	1313.856	2628162.93	0.2374	A	0.9
5	☐	2500.000	2593.923	5245127.35	0.4687	A	1.3
6	☐	5000.000	4873.049	10054663.88	0.8805	A	0.9
7	☐	10000.000	10031.350	20356580.25	1.8126	A	1.1
8	☐			3933.91	0.0004	P	2.3

y = 1.8069E-004 * x + 4.0203E-006
R = 0.9998
DL = 0.02343
BEC = 0.02225

Weight: <None>
Min Conc: 0

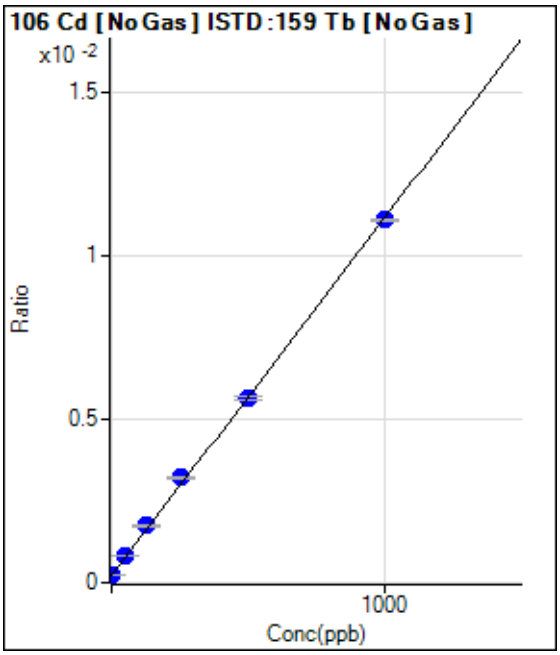
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	84.45	0.0000	P	15.
2	☐	5.000	5.227	26246.95	0.0025	P	1.9
3	☐	500.000	507.848	2576286.94	0.2381	A	1.9
4	☐	1250.000	1312.143	6809635.94	0.6152	A	0.7
5	☐	2500.000	2589.988	13588184.38	1.2143	A	1.8
6	☐	5000.000	4869.761	26070026.83	2.2831	A	1.1
7	☐	10000.000	10034.462	52834071.99	4.7045	A	1.1
8	☐			9764.45	0.0009	P	1.4

y = 4.6883E-004 * x + 7.8328E-006
R = 0.9998
DL = 0.007588
BEC = 0.01671

Weight: <None>
Min Conc: 0

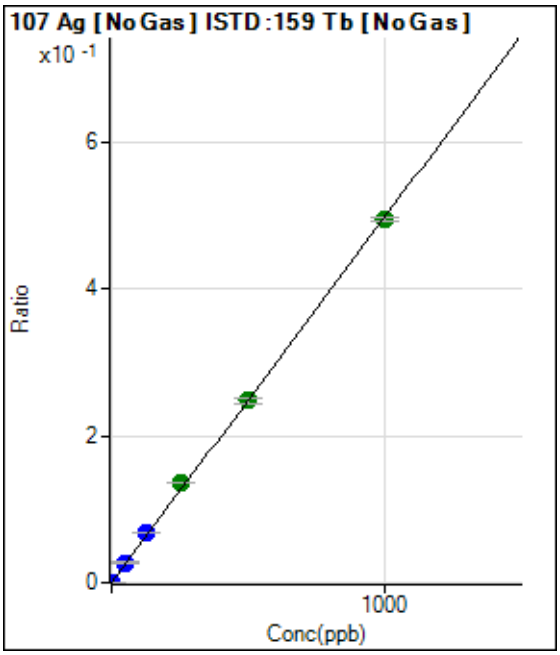


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3097.02	0.0002	P	4.5
2	☐	1.000	1.412	3308.19	0.0002	P	3.3
3	☐	50.000	54.270	11594.72	0.0008	P	1.4
4	☐	125.000	138.825	25738.40	0.0017	P	0.7
5	☐	250.000	273.875	47827.24	0.0032	P	2.3
6	☐	500.000	494.033	86391.23	0.0056	P	2.1
7	☐	1000.000	995.073	170146.43	0.0111	P	0.4
8	☐			3197.04	0.0002	P	0.6

y = 1.0933E-005 * x + 2.1811E-004
R = 0.9996
DL = 2.682
BEC = 19.95

Weight: <None>
Min Conc: 0

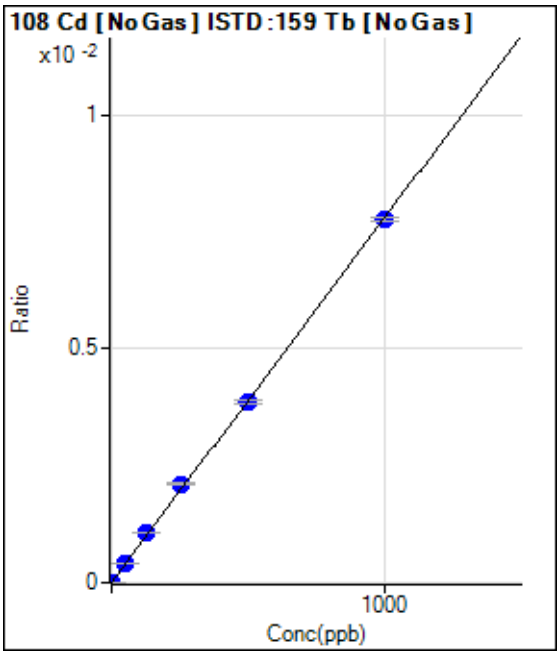
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	62.22	0.0000	P	8.3
2	☐	1.000	1.122	7980.03	0.0006	P	2.1
3	☐	50.000	54.949	391153.52	0.0274	P	2.1
4	☐	125.000	138.131	1020083.61	0.0688	P	0.3
5	☐	250.000	273.368	2027516.01	0.1362	A	1.2
6	☐	500.000	497.783	3811548.94	0.2479	A	2.4
7	☐	1000.000	993.377	7585621.42	0.4948	A	0.9
8	☐			873.37	0.0001	P	9.6

y = 4.9806E-004 * x + 4.3823E-006
R = 0.9997
DL = 0.002186
BEC = 0.008799

Weight: <None>
Min Conc: 0

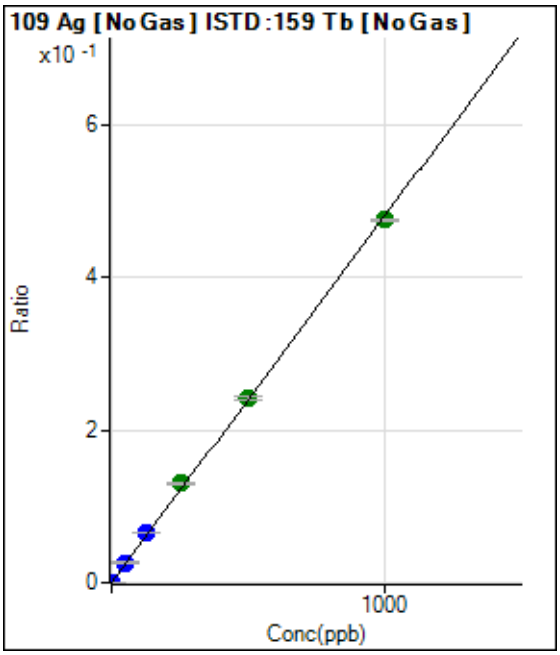


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	31.
2	☐	1.000	1.057	128.89	0.0000	P	27.
3	☐	50.000	54.478	6079.10	0.0004	P	1.3
4	☐	125.000	138.147	15974.45	0.0011	P	0.5
5	☐	250.000	270.359	31387.28	0.0021	P	1.3
6	☐	500.000	496.484	59502.43	0.0039	P	1.9
7	☐	1000.000	994.801	118873.17	0.0078	P	1.1
8	☐			51.11	0.0000	P	34.

y = 7.7926E-006 * x + 8.6093E-007
R = 0.9997
DL = 0.1046
BEC = 0.1105

Weight: <None>
Min Conc: 0

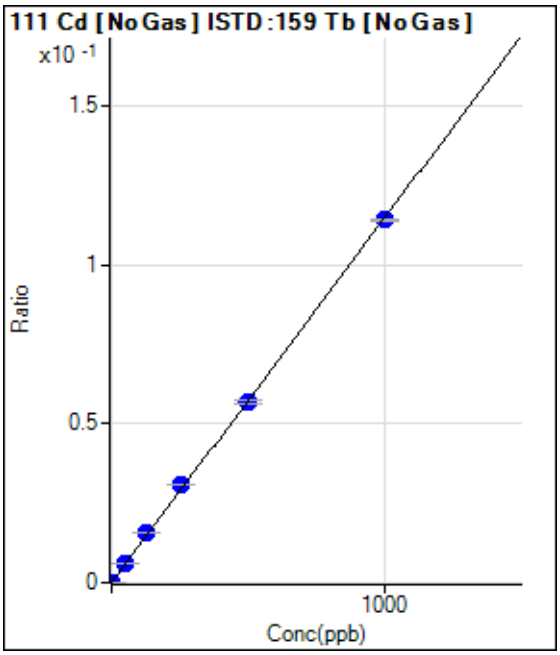
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	65.
2	☐	1.000	1.116	7607.60	0.0005	P	1.8
3	☐	50.000	54.587	374517.27	0.0262	P	2.0
4	☐	125.000	137.922	981750.09	0.0662	P	0.5
5	☐	250.000	272.235	1946123.17	0.1307	A	1.8
6	☐	500.000	504.503	3723461.27	0.2422	A	2.8
7	☐	1000.000	990.345	7289780.86	0.4755	A	0.9
8	☐			856.70	0.0001	P	8.5

y = 4.8010E-004 * x + 1.2526E-006
R = 0.9997
DL = 0.005156
BEC = 0.002609

Weight: <None>
Min Conc: 0

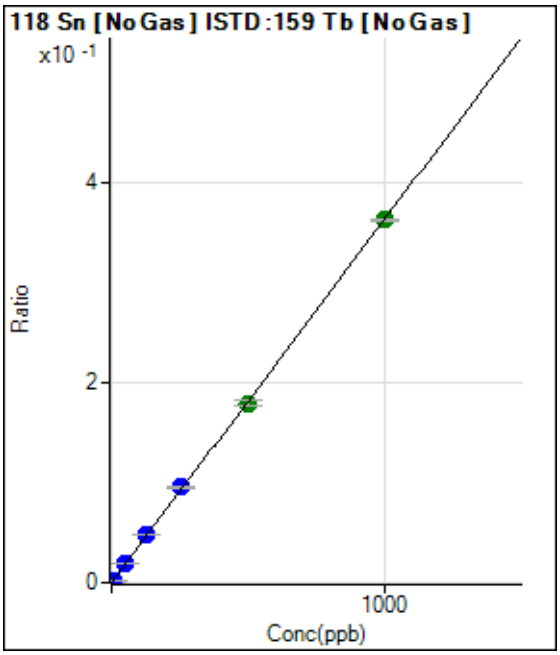


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	329.43	0.0000	P	3.8
2	☐	1.000	1.173	2232.22	0.0002	P	5.3
3	☐	50.000	53.904	88591.38	0.0062	P	2.2
4	☐	125.000	137.285	233556.44	0.0158	P	0.6
5	☐	250.000	269.886	460848.32	0.0309	P	0.8
6	☐	500.000	495.985	874119.51	0.0569	P	1.8
7	☐	1000.000	995.305	1748894.46	0.1141	P	0.6
8	☐			696.83	0.0000	P	2.7

y = 1.1458E-004 * x + 2.3201E-005
R = 0.9997
DL = 0.02291
BEC = 0.2025

Weight: <None>
Min Conc: 0

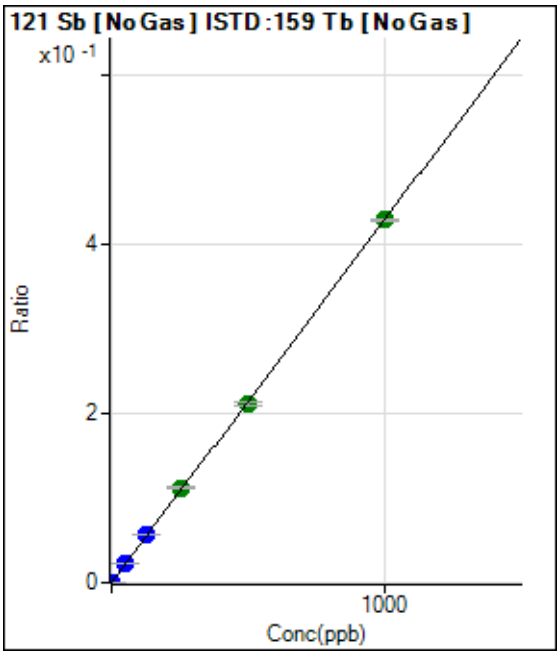
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	393.34	0.0000	P	8.5
2	☐	5.000	5.421	28345.69	0.0020	P	0.8
3	☐	50.000	51.819	269963.58	0.0189	P	0.3
4	☐	125.000	131.969	712707.82	0.0481	P	0.5
5	☐	250.000	262.273	1422336.07	0.0955	P	0.4
6	☐	500.000	494.696	2769031.56	0.1801	A	2.8
7	☐	1000.000	998.620	5574753.66	0.3636	A	0.8
8	☐			7284.13	0.0005	P	7.0

y = 3.6406E-004 * x + 2.7699E-005
R = 0.9999
DL = 0.01944
BEC = 0.07609

Weight: <None>
Min Conc: 0

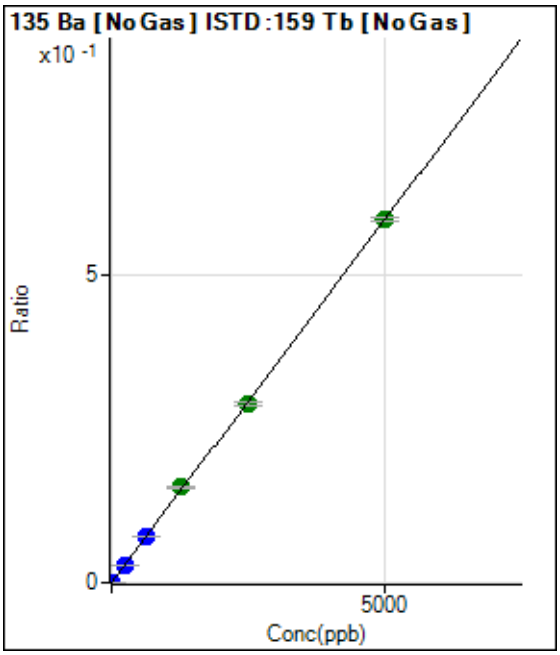


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.11	0.0000	P	4.2
2	☐	2.000	2.193	13394.11	0.0009	P	2.3
3	☐	50.000	51.471	315114.27	0.0221	P	2.3
4	☐	125.000	130.923	831494.87	0.0561	P	0.1
5	☐	250.000	261.174	1665744.61	0.1119	A	1.5
6	☐	500.000	492.605	3244008.43	0.2110	A	1.8
7	☐	1000.000	1000.090	6567596.50	0.4284	A	0.4
8	☐			5403.28	0.0004	P	4.7

y = 4.2831E-004 * x + 6.4163E-006
R = 0.9999
DL = 0.001876
BEC = 0.01498

Weight: <None>
Min Conc: 0

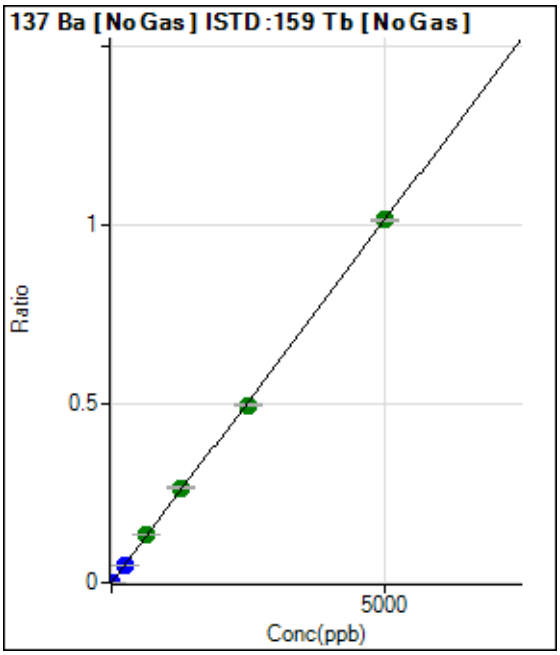
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	18.
2	☐	10.000	10.448	17499.73	0.0012	P	1.4
3	☐	250.000	249.418	419389.11	0.0293	P	0.9
4	☐	625.000	634.740	1107248.78	0.0747	P	0.5
5	☐	1250.000	1313.286	2300921.44	0.1545	A	1.1
6	☐	2500.000	2461.537	4452438.02	0.2896	A	2.3
7	☐	5000.000	5002.221	9023017.16	0.5885	A	1.1
8	☐			3344.87	0.0002	P	4.1

y = 1.1765E-004 * x + 6.2595E-006
R = 0.9999
DL = 0.02943
BEC = 0.05321

Weight: <None>
Min Conc: 0

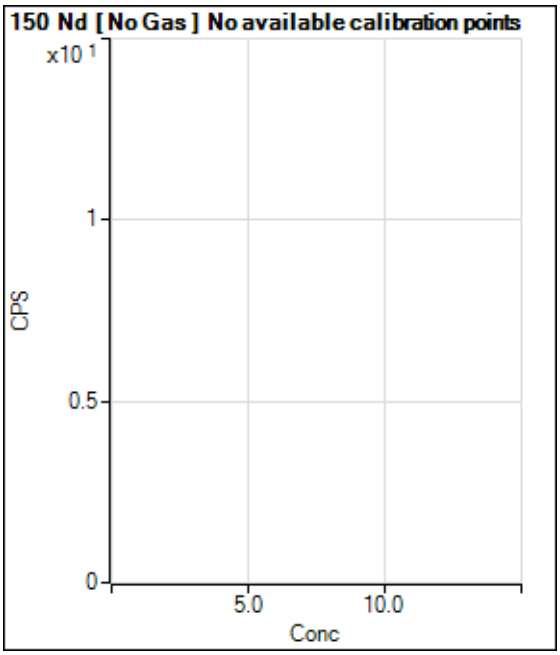


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	123.34	0.0000	P	5.4
2	☐	10.000	10.598	30511.55	0.0022	P	1.7
3	☐	250.000	250.473	724617.08	0.0507	P	1.0
4	☐	625.000	664.487	1994268.01	0.1345	A	0.9
5	☐	1250.000	1306.517	3938312.96	0.2645	A	1.3
6	☐	2500.000	2451.083	7629122.94	0.4962	A	1.1
7	☐	5000.000	5005.369	15535026.16	1.0132	A	0.3
8	☐			5844.59	0.0004	P	0.4

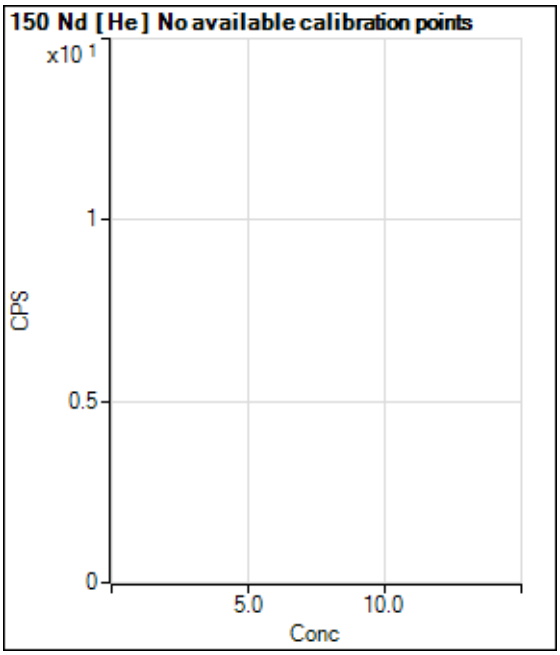
y = 2.0242E-004 * x + 8.6859E-006
R = 0.9998
DL = 0.00697
BEC = 0.04291

Weight: <None>
Min Conc: 0

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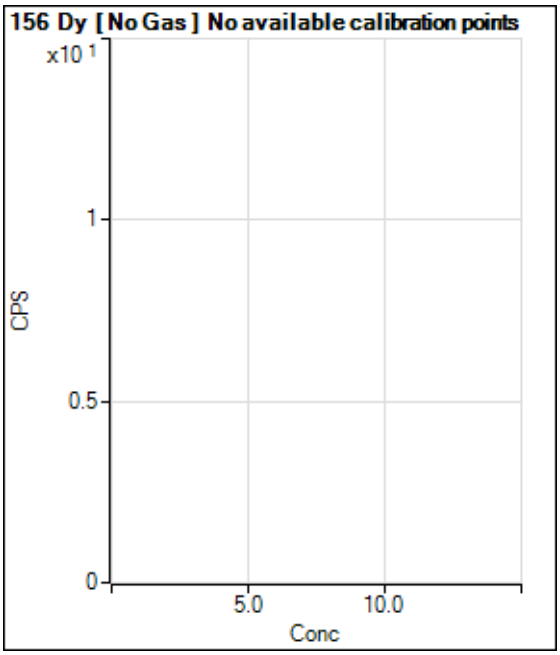


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			20.00		P	16.
2	☐			17.78		P	10.
3	☐			43.33		P	30.
4	☐			98.89		P	5.2
5	☐			154.45		P	11.
6	☐			283.34		P	17.
7	☐			586.69		P	11.
8	☐			160.00		P	9.1

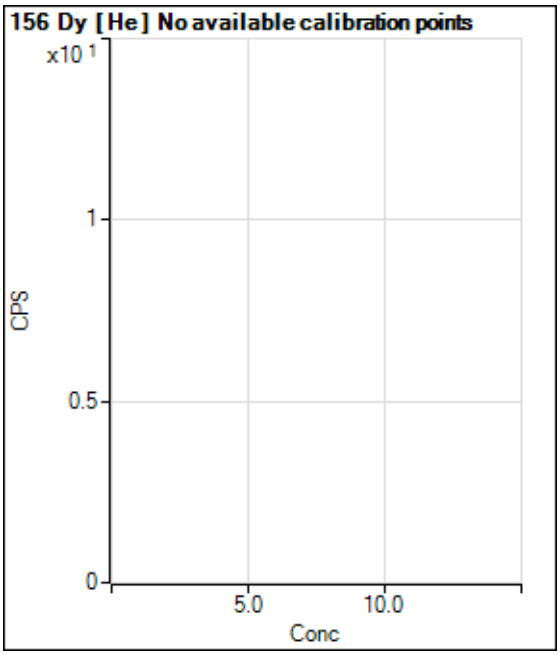


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6.67		P	50.
2	☐			6.66		P	86.
3	☐			13.33		P	43.
4	☐			21.11		P	9.1
5	☐			34.44		P	49.
6	☐			68.89		P	34.
7	☐			114.45		P	26.
8	☐			78.89		P	16.

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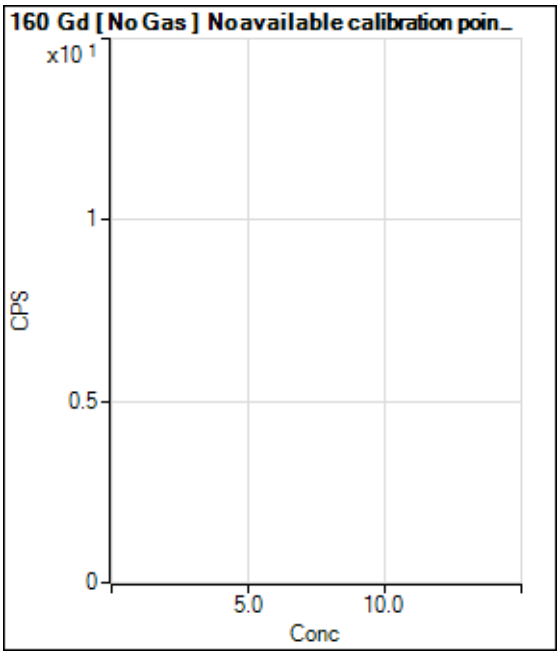


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			231.12		P	8.8
2	☐			244.45		P	13.
3	☐			276.67		P	14.
4	☐			228.89		P	8.4
5	☐			306.68		P	1.9
6	☐			333.34		P	22.
7	☐			404.45		P	6.7
8	☐			432.23		P	18.

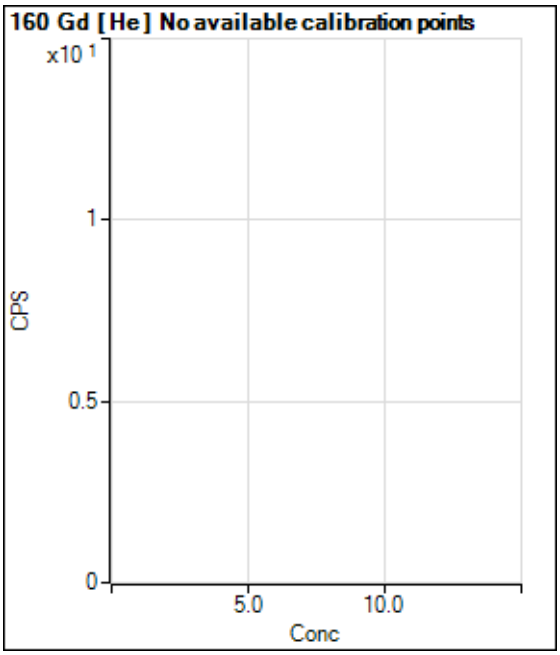


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			42.22		P	19.
2	☐			44.44		P	45.
3	☐			65.56		P	19.
4	☐			113.34		P	20.
5	☐			151.11		P	18.
6	☐			213.34		P	14.
7	☐			414.45		P	5.9
8	☐			241.12		P	11.

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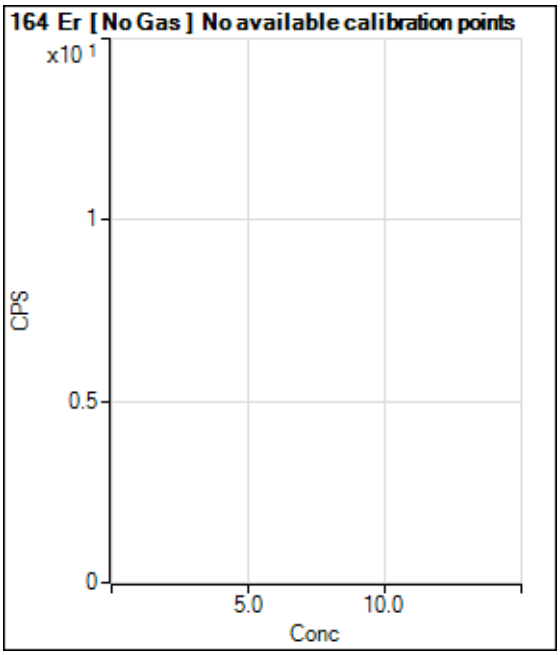


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			44.45		P	15.
2	☐			57.78		P	3.3
3	☐			71.11		P	19.
4	☐			62.22		P	34.
5	☐			72.22		P	43.
6	☐			81.11		P	17.
7	☐			122.22		P	10.
8	☐			241.12		P	4.4

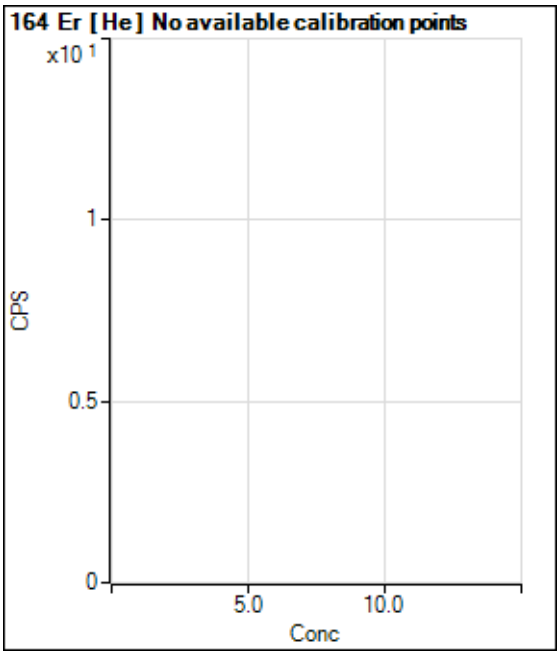


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			450.01		P	12.
2	☐			430.01		P	10.
3	☐			473.35		P	9.7
4	☐			472.23		P	9.7
5	☐			475.57		P	3.5
6	☐			495.57		P	5.1
7	☐			442.23		P	15.
8	☐			610.02		P	1.1

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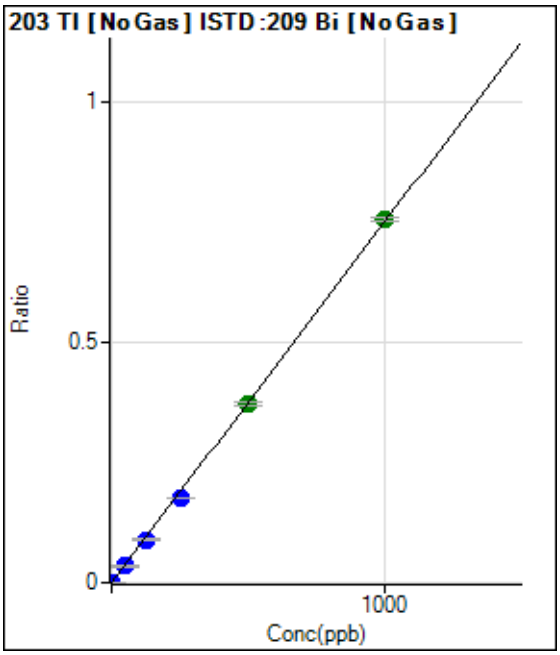


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			104.45		P	21.
2	☐			94.45		P	29.
3	☐			91.11		P	8.4
4	☐			114.44		P	24.
5	☐			126.67		P	12.
6	☐			138.89		P	9.7
7	☐			194.45		P	5.2
8	☐			313.34		P	1.8



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			55.56		P	13.
2	☐			60.00		P	29.
3	☐			73.33		P	31.
4	☐			80.00		P	19.
5	☐			75.56		P	16.
6	☐			92.22		P	21.
7	☐			123.34		P	7.2
8	☐			198.89		P	10.

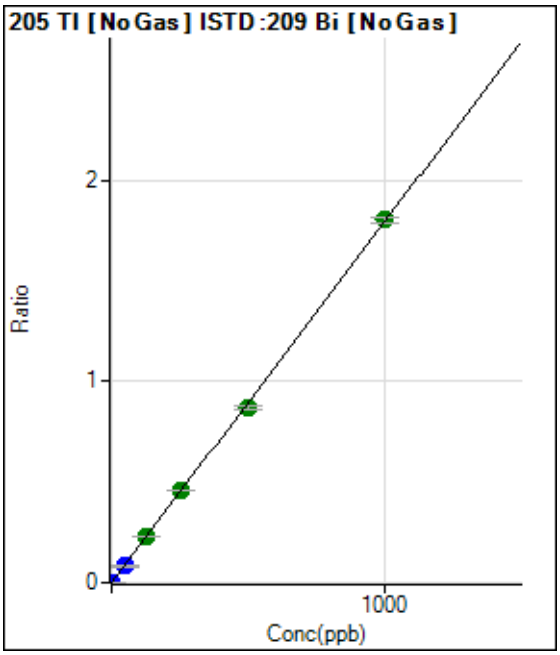
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	43.33	0.0000	P	27.
2	☐	1.000	0.975	6313.74	0.0007	P	0.5
3	☐	50.000	45.439	299163.52	0.0340	P	1.5
4	☐	125.000	119.308	791904.93	0.0894	P	1.7
5	☐	250.000	235.411	1577709.90	0.1763	P	1.0
6	☐	500.000	495.704	3417179.15	0.3712	A	1.3
7	☐	1000.000	1006.735	6859651.36	0.7539	A	1.1
8	☐			844.48	0.0001	P	12.

y = 7.4890E-004 * x + 5.0326E-006
R = 0.9999
DL = 0.005441
BEC = 0.00672

Weight: <None>
Min Conc: 0

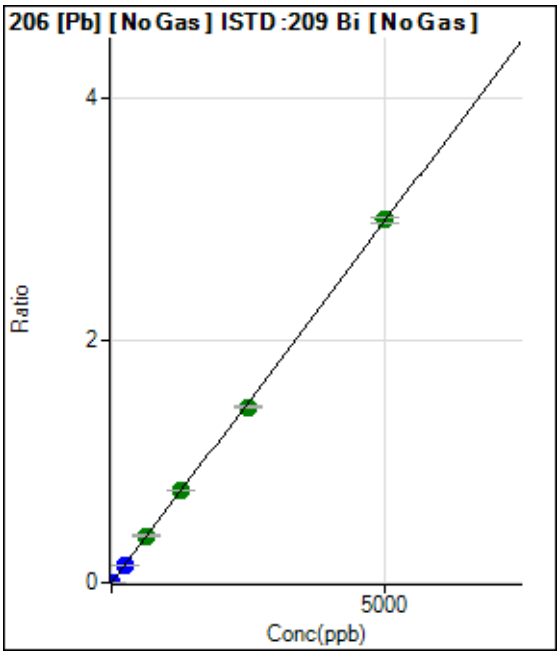


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.00	0.0000	P	21.
2	☐	1.000	0.973	15114.04	0.0018	P	3.1
3	☐	50.000	45.462	715852.50	0.0814	P	0.8
4	☐	125.000	128.659	2042043.14	0.2304	A	1.6
5	☐	250.000	255.951	4101584.94	0.4584	A	1.0
6	☐	500.000	483.963	7976709.12	0.8667	A	2.2
7	☐	1000.000	1006.300	16395701.56	1.8021	A	1.7
8	☐			2132.41	0.0003	P	9.0

y = 0.0018 * x + 1.6243E-005
R = 0.9998
DL = 0.005712
BEC = 0.009071

Weight: <None>
Min Conc: 0

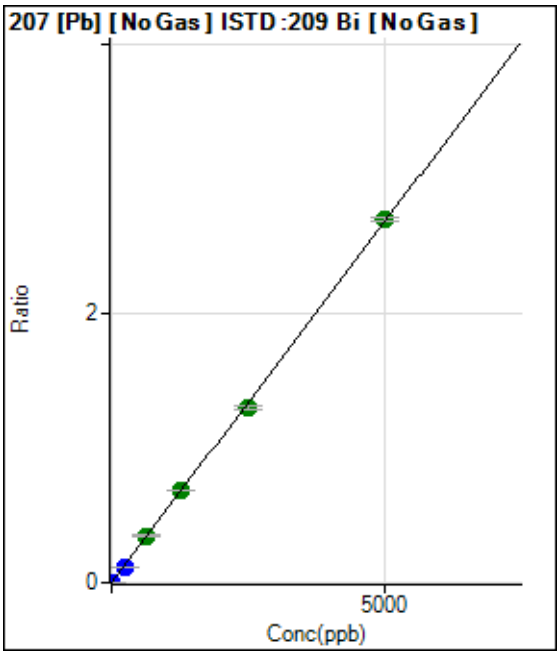
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	351.12	0.0000	P	12.
2	☐	1.000	0.998	5456.71	0.0006	P	2.5
3	☐	250.000	228.469	1196878.69	0.1362	P	0.9
4	☐	625.000	647.626	3420155.89	0.3859	A	1.8
5	☐	1250.000	1277.557	6811812.33	0.7612	A	1.3
6	☐	2500.000	2432.745	13342479.53	1.4495	A	1.1
7	☐	5000.000	5024.986	27239533.76	2.9939	A	1.5
8	☐			6342.67	0.0008	P	2.6

y = 5.9580E-004 * x + 4.0750E-005
R = 0.9998
DL = 0.02599
BEC = 0.0684

Weight: <None>
Min Conc: 0

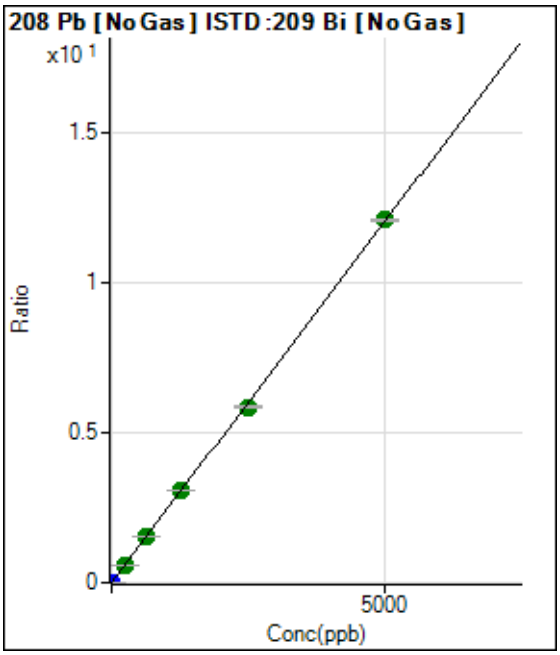


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.34	0.0000	P	10.
2	☐	1.000	0.973	4792.00	0.0006	P	2.6
3	☐	250.000	224.790	1059378.74	0.1205	P	0.7
4	☐	625.000	647.802	3077393.39	0.3472	A	1.8
5	☐	1250.000	1277.370	6126970.81	0.6847	A	0.2
6	☐	2500.000	2424.836	11963684.54	1.2997	A	1.6
7	☐	5000.000	5029.150	24525303.25	2.6956	A	1.0
8	☐			5597.88	0.0007	P	3.3

y = 5.3598E-004 * x + 3.6373E-005
R = 0.9998
DL = 0.02075
BEC = 0.06786

Weight: <None>
Min Conc: 0

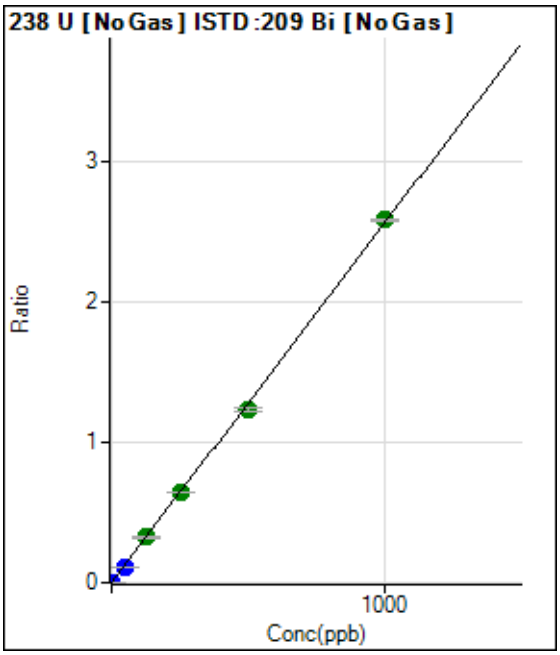
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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1416.71	0.0002	P	4.0
2	☐	1.000	0.977	21609.10	0.0025	P	1.2
3	☐	250.000	238.640	5048112.79	0.5743	A	0.6
4	☐	625.000	644.235	13737467.64	1.5500	A	1.1
5	☐	1250.000	1276.162	27473899.18	3.0702	A	0.8
6	☐	2500.000	2429.225	53795326.70	5.8441	A	1.4
7	☐	5000.000	5027.011	110030988.9	12.0935	A	0.9
8	☐			25532.98	0.0032	P	0.5

y = 0.0024 * x + 1.6442E-004
R = 0.9998
DL = 0.008277
BEC = 0.06835

Weight: <None>
Min Conc: 0

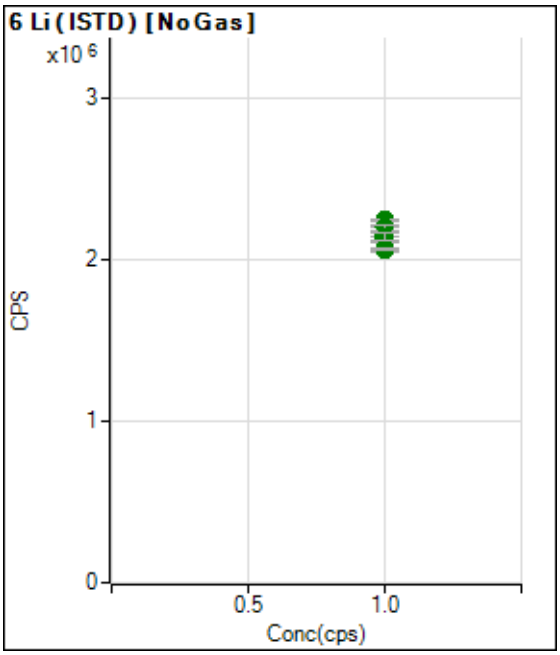


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.55	0.0000	P	53.
2	☐	1.000	0.915	20116.35	0.0023	P	0.3
3	☐	50.000	43.213	970547.92	0.1104	P	1.4
4	☐	125.000	126.075	2855110.51	0.3222	A	2.0
5	☐	250.000	251.639	5754148.67	0.6430	A	0.9
6	☐	500.000	481.016	11313439.41	1.2291	A	1.7
7	☐	1000.000	1009.288	23464506.87	2.5790	A	0.4
8	☐			711.14	0.0001	P	7.9

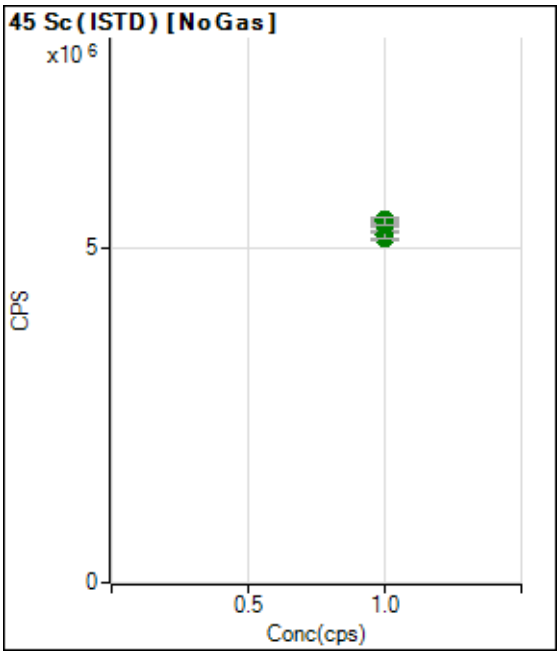
y = 0.0026 * x + 2.9701E-006
R = 0.9997
DL = 0.001852
BEC = 0.001162

Weight: <None>
Min Conc: 0

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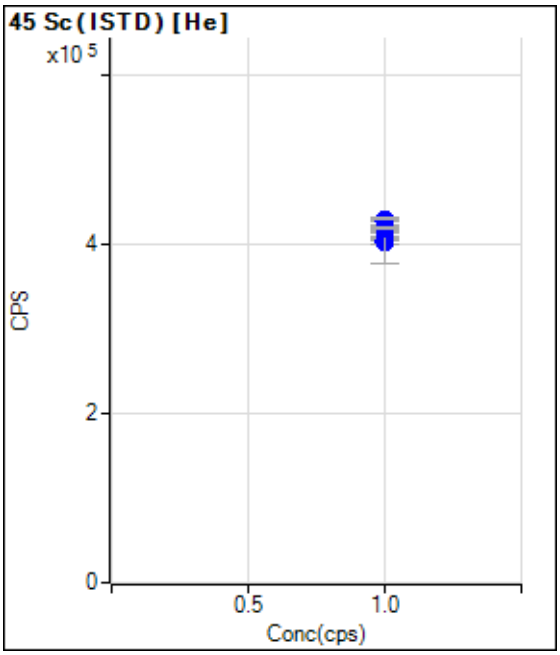


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2059652.17		A	0.8
2	☐	1.000		2070366.20		A	0.7
3	☐	1.000		2127325.35		A	2.0
4	☐	1.000		2153217.54		A	1.2
5	☐	1.000		2182173.91		A	1.8
6	☐	1.000		2247629.27		A	0.8
7	☐	1.000		2198862.74		A	1.3
8	☐	1.000		2145532.02		A	1.9

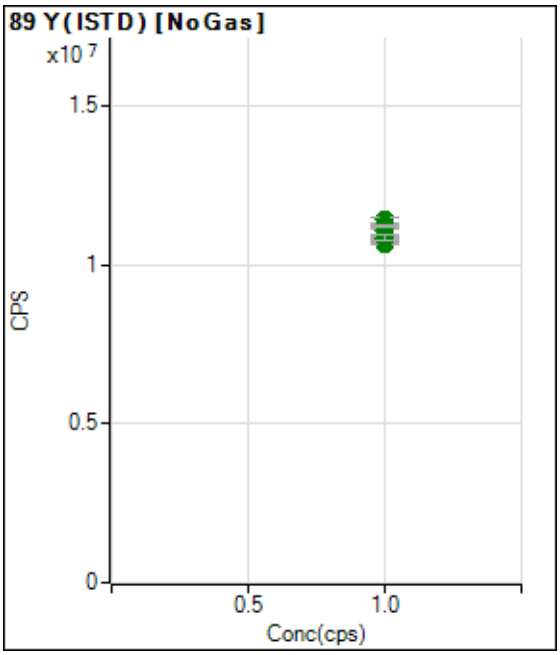


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5220789.47		A	0.4
2	☐	1.000		5117945.41		A	0.7
3	☐	1.000		5189692.42		A	2.0
4	☐	1.000		5326202.83		A	0.9
5	☐	1.000		5404975.48		A	0.8
6	☐	1.000		5409305.82		A	1.3
7	☐	1.000		5345135.72		A	0.7
8	☐	1.000		5387364.57		A	1.7

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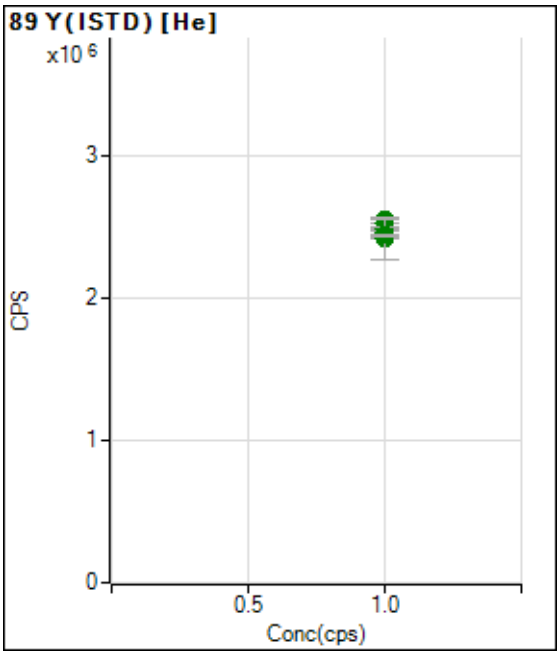


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		407188.15		P	0.5
2	☐	1.000		402814.78		P	1.1
3	☐	1.000		414721.56		P	0.8
4	☐	1.000		428893.78		P	1.1
5	☐	1.000		427324.82		P	2.1
6	☐	1.000		416925.99		P	0.8
7	☐	1.000		403682.91		P	12.
8	☐	1.000		419063.79		P	0.7

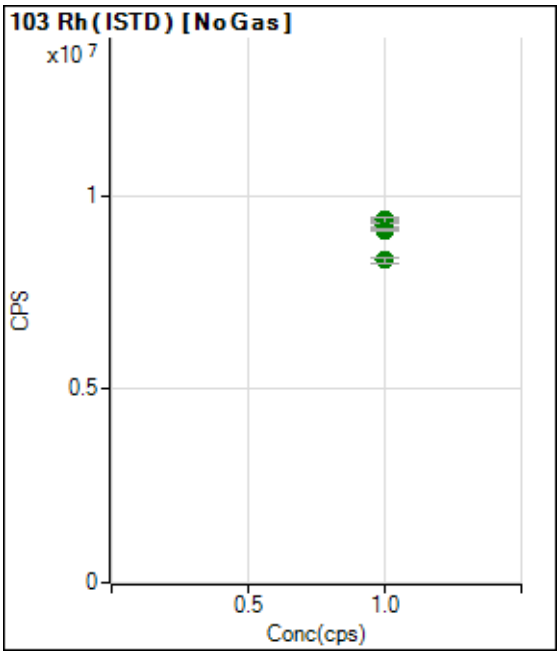


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10771959.42		A	0.9
2	☐	1.000		10676853.59		A	0.4
3	☐	1.000		10821468.45		A	1.5
4	☐	1.000		11069595.81		A	1.7
5	☐	1.000		11190747.05		A	0.4
6	☐	1.000		11419583.30		A	1.4
7	☐	1.000		11230714.00		A	0.6
8	☐	1.000		10847828.87		A	1.8

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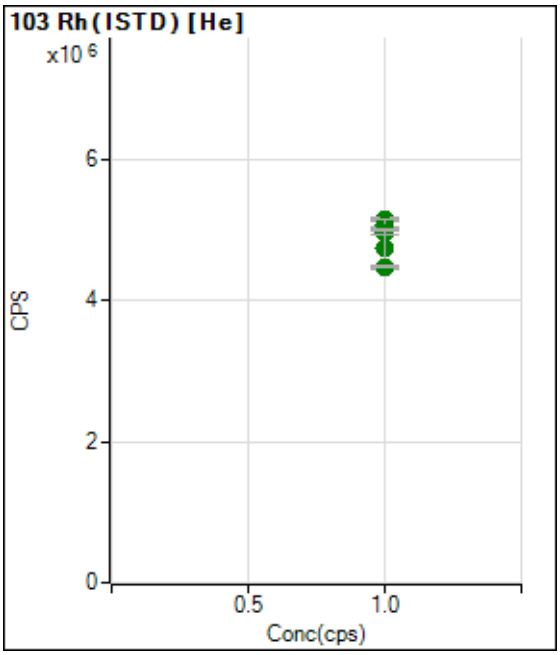


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2458814.32		A	0.7
2	☐	1.000		2420548.09		A	0.3
3	☐	1.000		2468095.60		A	1.3
4	☐	1.000		2550393.52		A	1.5
5	☐	1.000		2523087.65		A	2.7
6	☐	1.000		2492342.11		A	1.0
7	☐	1.000		2424600.52		A	12.
8	☐	1.000		2440322.41		A	1.0

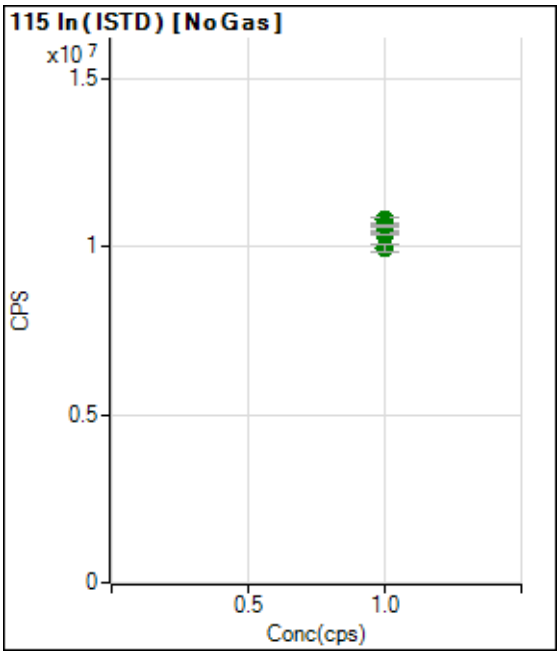


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9304598.75		A	0.3
2	☐	1.000		9251566.04		A	0.8
3	☐	1.000		9170367.85		A	0.4
4	☐	1.000		9374398.75		A	0.9
5	☐	1.000		9362117.15		A	0.6
6	☐	1.000		9377416.39		A	1.5
7	☐	1.000		9106983.62		A	0.5
8	☐	1.000		8333371.96		A	1.6

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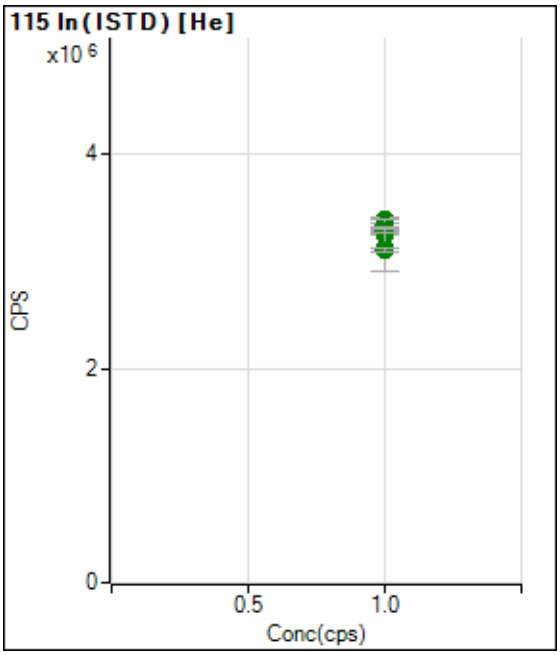


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5031654.44		A	0.9
2	☐	1.000		5035239.51		A	1.0
3	☐	1.000		5081353.60		A	1.5
4	☐	1.000		5149703.08		A	0.9
5	☐	1.000		5081920.86		A	3.0
6	☐	1.000		4964620.83		A	0.8
7	☐	1.000		4745624.20		A	12.
8	☐	1.000		4480706.36		A	0.7

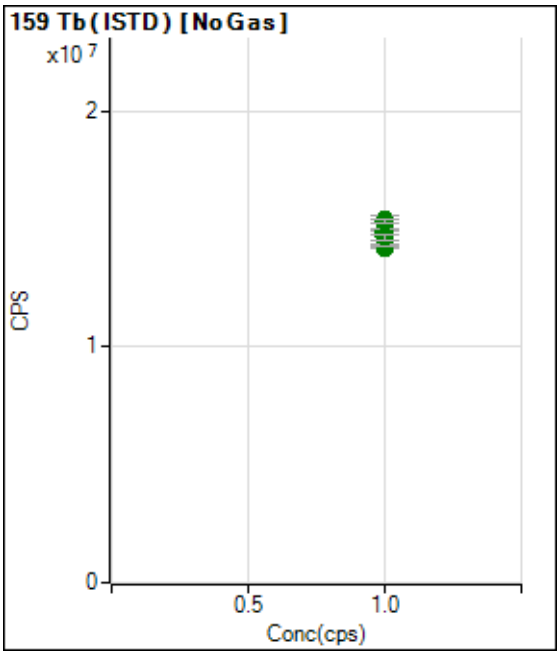


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10481528.27		A	0.1
2	☐	1.000		10386867.44		A	0.4
3	☐	1.000		10388094.60		A	0.8
4	☐	1.000		10641362.15		A	1.3
5	☐	1.000		10654298.12		A	0.4
6	☐	1.000		10805416.10		A	1.3
7	☐	1.000		10629413.31		A	0.8
8	☐	1.000		9979131.70		A	2.2

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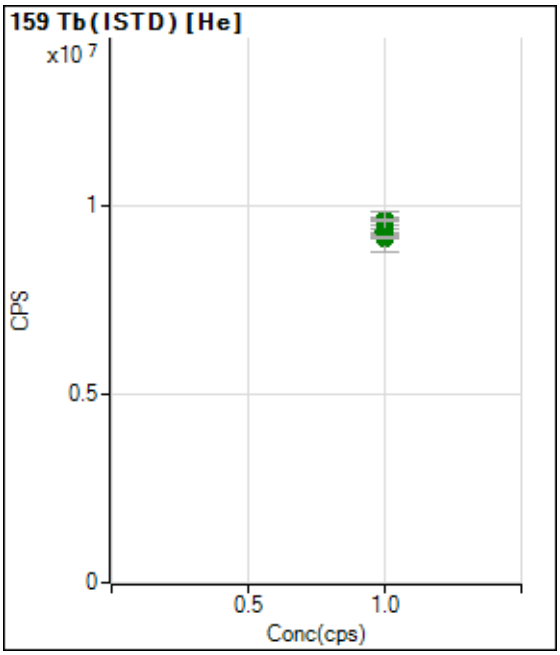


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1	☐	1.000		3247976.40		A	0.5
2	☐	1.000		3269653.84		A	1.2
3	☐	1.000		3294775.51		A	0.8
4	☐	1.000		3384342.28		A	1.7
5	☐	1.000		3343076.84		A	2.4
6	☐	1.000		3282777.23		A	1.4
7	☐	1.000		3119590.68		A	13.
8	☐	1.000		3109168.65		A	1.1

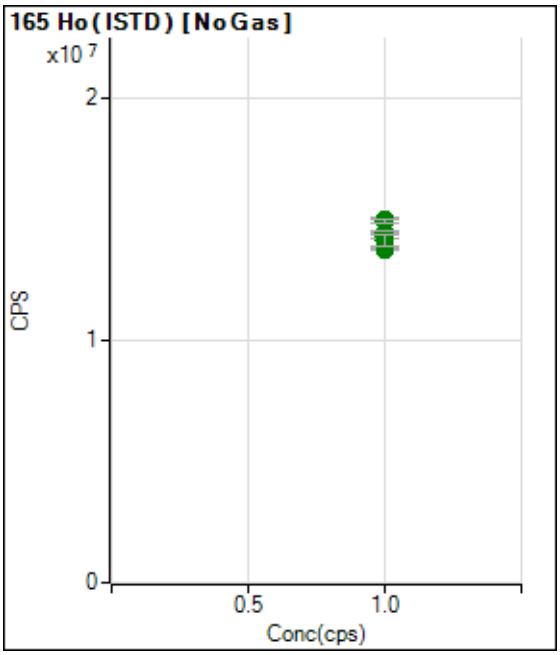


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14199611.46		A	0.1
2	☐	1.000		14165005.62		A	0.2
3	☐	1.000		14289672.28		A	0.9
4	☐	1.000		14826550.48		A	1.4
5	☐	1.000		14892777.00		A	1.8
6	☐	1.000		15378569.08		A	2.1
7	☐	1.000		15332553.24		A	0.9
8	☐	1.000		14635657.28		A	2.1

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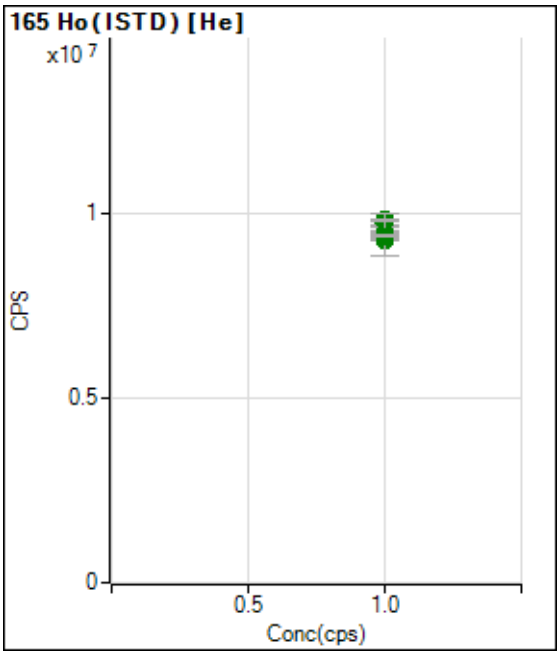


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9158875.97		A	0.2
2	☐	1.000		9192780.97		A	0.8
3	☐	1.000		9377615.48		A	1.1
4	☐	1.000		9649068.33		A	0.4
5	☐	1.000		9627086.73		A	1.9
6	☐	1.000		9628194.65		A	0.6
7	☐	1.000		9333414.51		A	11.
8	☐	1.000		9184519.17		A	1.0

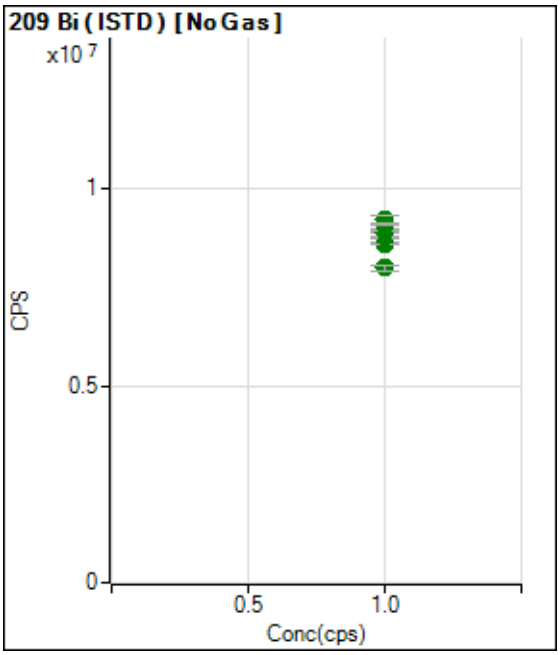


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13783826.18		A	0.3
2	☐	1.000		13694420.49		A	0.1
3	☐	1.000		13865339.38		A	0.3
4	☐	1.000		14293176.73		A	1.8
5	☐	1.000		14445699.79		A	1.1
6	☐	1.000		14962383.25		A	1.5
7	☐	1.000		14916651.17		A	0.7
8	☐	1.000		14127144.37		A	3.2

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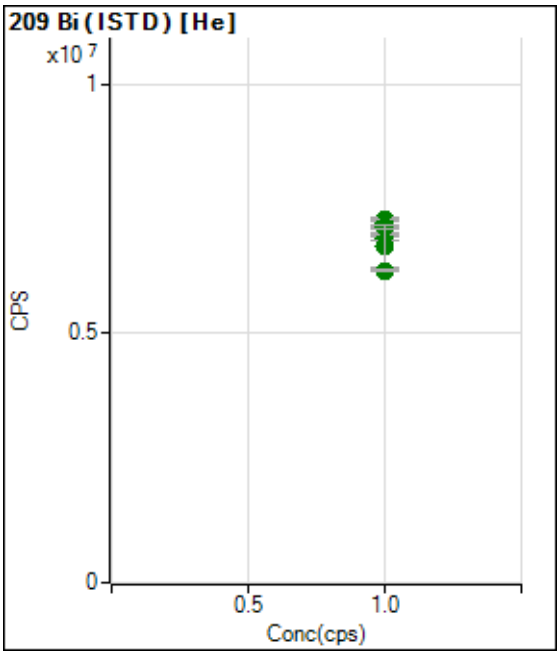


	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9283147.16		A	0.5
2	☐	1.000		9359386.32		A	0.9
3	☐	1.000		9508274.79		A	0.7
4	☐	1.000		9742349.30		A	1.6
5	☐	1.000		9841362.56		A	3.2
6	☐	1.000		9823239.99		A	0.5
7	☐	1.000		9444534.51		A	12.
8	☐	1.000		9399107.29		A	0.7



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8617208.41		A	0.5
2	☐	1.000		8590430.43		A	0.3
3	☐	1.000		8790725.08		A	1.5
4	☐	1.000		8863678.06		A	1.4
5	☐	1.000		8948702.02		A	0.9
6	☐	1.000		9206541.88		A	2.1
7	☐	1.000		9098423.47		A	0.2
8	☐	1.000		7992106.13		A	1.7

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	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		6912025.80		A	1.0
2	☐	1.000		7017993.51		A	0.7
3	☐	1.000		7143434.34		A	1.2
4	☐	1.000		7283728.16		A	0.9
5	☐	1.000		7215124.82		A	2.5
6	☐	1.000		7149622.46		A	1.4
7	☐	1.000		6752425.52		A	12.
8	☐	1.000		6267138.10		A	0.8

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7
ClientSampleId :TUNE011

US EPA Tune Check Report

Operator Name	Jaswal
Acq/Data Batch	D:\Agilent\ICPMH\1\DATA\P7100424-MS5.b
Acq. Date-Time	2024-10-04 10:44:11
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		8323	83231.99			1.285	5.000
24		129079	1290791.35			1.128	5.000
25		17100	170995.53			0.525	5.000
26		19275	192747.79			0.596	5.000
59		71271	712709.52			1.092	5.000
113		11200	112003.80			1.233	5.000
115		133893	1338934.24			1.135	5.000
206		28034	280342.25			0.748	5.000
207		25318	253179.07			0.872	5.000
208		60144	601440.67			0.619	5.000
220		0	3.60			24.845	

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

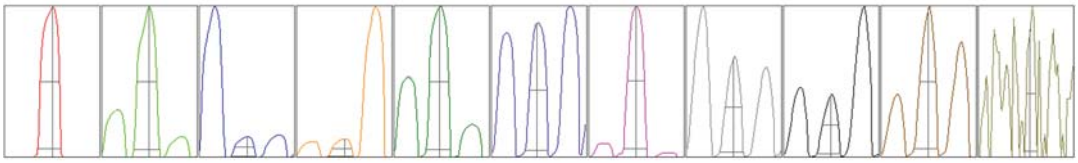
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	8450	8369	8341	8294	8161
24	128545	129881	130236	129980	126754
25	17016	17153	17179	17161	16989
26	19262	19329	19332	19370	19081
59	71813	71803	71559	71236	69944
113	11289	11307	11228	11214	10964
115	134101	135120	134819	134135	131292
206	28112	28217	28095	28075	27672
207	25466	25553	25341	25247	24983
208	60348	60575	60124	60101	59573

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	14488.44	9.05	8.90 - 9.10	
24	223493.39	24.00	23.90 - 24.10	
25	29242.03	25.05	24.90 - 25.10	
26	32386.33	26.05	25.90 - 26.10	
59	120832.56	58.95	58.90 - 59.10	
113	21177.19	112.95	112.90 - 113.10	
115	255376.98	115.00	114.90 - 115.10	
206	55980.42	206.00	205.90 - 206.10	
207	50706.28	207.00	206.90 - 207.10	
208	120256.43	208.00	207.90 - 208.10	
220	0.55	220.15	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.735	0.900	
24	0.63	0.820	0.900	
25	0.62	0.776	0.900	
26	0.61	0.774	0.900	
59	0.61	0.774	0.900	
113	0.53	0.733	0.900	
115	0.53	0.738	0.900	
206	0.51	0.744	0.900	
207	0.50	0.735	0.900	
208	0.51	0.753	0.900	
220	0.30	0.390		

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

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.1 V	Deflect	16.6 V
Extract 2	-110.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	170 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.14		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.7 mV	Analog HV	2384 V	Pulse HV	1668 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		22432	224321.94			0.877	
89		24531	245306.67			0.873	
205		31613	316127.82			0.278	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	22297	22728	22446	22216	22475
89	24314	24888	24522	24468	24461
205	31660	31706	31583	31637	31477

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	8.7 V	Deflect	3.6 V

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ClientSampleId :TUNE011

US EPA Tune Check Report

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	136	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.14		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.7 mm		

EM

Discriminator	4.7 mV	Analog HV	2384 V	Pulse HV	1668 V

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:21:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.17	-0.10	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.98	-0.20	-0.78	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Calcium	43-1	1.12	-0.03	-1.09	0.00	N/A	ppb
Calcium	44-1	-0.63	0.06	0.57	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	0.25	-0.31	0.00	N/A	ppb
Iron	57-2	-1.52	3.00	-1.48	0.00	N/A	ppb
Iron	54-2	-0.24	0.53	-0.29	0.00	N/A	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:21:39	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.43	-0.20	0.64	0.00	N/A	ppb
Manganese	55-2	0.03	-0.03	-0.01	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	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-19.49	-21.79	-9.45	-16.91		ppb
Potassium	39-2	-1.52	-1.58	3.10	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.16	-0.22	0.38	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.83	0.48	0.35	0.00	N/A	ppb
Silicon	28-1	-0.02	-0.14	0.16	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	-0.09	0.21	-0.11	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-88.17	-99.75	-139.24	-109.05		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.12	-0.08	0.20	0.00	N/A	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:21:39	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	0.03	-0.01	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	0.00	-0.02	0.00	N/A	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:24:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.22	20.75	19.91	20.29	2.11	ppb
Antimony	121-1	2.17	2.25	2.16	2.19	2.28	ppb
Arsenic	75-2	1.23	1.19	1.35	1.26	6.49	ppb
Barium	135-1	10.27	10.51	10.56	10.45	1.45	ppb
Barium	137-1	10.44	10.56	10.79	10.60	1.66	ppb
Beryllium	9-1	1.22	1.23	1.11	1.18	5.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	1.43	0.86	1.06	30.43	ppb
Cadmium	106-1	0.62	1.96	1.66	1.41	49.99	ppb
Cadmium	111-1	1.09	1.23	1.19	1.17	6.18	ppb
Calcium	43-1	565.13	599.99	590.62	585.24	3.08	ppb
Calcium	44-1	584.75	577.74	588.02	583.50	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.22	2.14	2.16	2.40	ppb
Cobalt	59-2	1.17	1.18	1.19	1.18	0.85	ppb
Copper	63-2	2.15	2.04	2.12	2.10	2.78	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				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	57.10	56.34	57.13	56.85	0.78	ppb
Iron	57-2	57.71	58.35	58.87	58.31	1.00	ppb
Iron	54-2	59.37	57.40	60.59	59.12	2.72	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:24:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	0.98	1.03	1.00	2.63	ppb
Lead	207-1	0.98	0.94	0.99	0.97	2.80	ppb
Lead	208-1	0.97	0.98	0.99	0.98	1.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	578.34	587.57	588.43	584.78	0.96	ppb
Manganese	55-2	0.94	0.98	1.00	0.97	3.38	ppb
Molybdenum	94-1	6.15	6.16	6.44	6.25	2.66	ppb
Molybdenum	95-1	5.28	5.15	5.24	5.23	1.33	ppb
Molybdenum	96-1	5.20	5.26	5.38	5.28	1.70	ppb
Molybdenum	97-1	5.11	5.21	5.42	5.24	3.01	ppb
Molybdenum	98-1	5.28	5.11	5.29	5.23	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.25	1.14	1.23	6.40	ppb
Phosphorus	31-2	17.84	16.41	16.49	16.91	4.75	ppb
Potassium	39-2	569.19	572.19	579.13	573.50	0.89	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	4.92	5.07	6.65	5.55	17.31	ppb
Selenium	77-2	2.60	1.74	5.23	3.19	57.06	ppb
Selenium	78-2	3.19	3.22	4.27	3.56	17.22	ppb
Silicon	28-1	1.45	1.57	1.85	1.62	12.53	ppb
Silver	107-1	1.09	1.14	1.13	1.12	2.14	ppb
Silver	109-1	1.13	1.09	1.12	1.12	1.76	ppb
Sodium	23-2	540.61	550.03	548.59	546.41	0.93	ppb
Strontium	86-1	1.12	1.05	1.11	1.09	3.63	ppb
Strontium	88-1	1.11	1.12	1.12	1.12	0.83	ppb
Sulfur	34-1	43.95	107.46	175.75	109.05	60.45	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.98	0.97	0.97	0.97	0.48	ppb
Thallium	205-1	0.98	0.94	1.00	0.97	3.11	ppb
Tin	118-1	5.46	5.38	5.42	5.42	0.76	ppb
Titanium	47-1	4.74	4.62	4.57	4.65	1.88	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:24:57	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.92	0.92	0.92	0.33	ppb
Vanadium	51-2	5.10	5.17	5.38	5.22	2.78	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5.13	5.10	5.30	5.18	2.02	ppb
Zirconium	90-1	1.09	1.10	1.08	1.09	1.02	ppb
Zirconium	91-1	1.08	1.08	1.11	1.09	1.80	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:28:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1018.75	1036.51	1021.11	1025.46	0.94	ppb
Antimony	121-1	50.10	52.39	51.92	51.47	2.35	ppb
Arsenic	75-2	48.67	50.29	49.82	49.59	1.68	ppb
Barium	135-1	247.57	252.06	248.62	249.42	0.94	ppb
Barium	137-1	248.32	253.13	249.96	250.47	0.98	ppb
Beryllium	9-1	53.10	51.91	52.86	52.62	1.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.37	53.84	55.22	54.48	1.27	ppb
Cadmium	106-1	53.35	55.39	54.08	54.27	1.90	ppb
Cadmium	111-1	52.54	54.74	54.43	53.90	2.21	ppb
Calcium	43-1	5848.28	5872.18	5932.59	5884.35	0.74	ppb
Calcium	44-1	5309.16	5302.79	5313.42	5308.46	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.56	50.23	49.56	50.11	1.01	ppb
Cobalt	59-2	50.51	51.07	50.08	50.55	0.98	ppb
Copper	63-2	509.63	516.15	511.27	512.35	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				101		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	2628.74	2639.28	2623.51	2630.51	0.31	ppb
Iron	57-2	2813.94	2837.60	2799.55	2817.03	0.68	ppb
Iron	54-2	2832.07	2871.87	2821.37	2841.77	0.94	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:28:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	230.13	226.29	228.98	228.47	0.86	ppb
Lead	207-1	226.60	223.57	224.20	224.79	0.71	ppb
Lead	208-1	238.84	239.94	237.15	238.64	0.59	ppb
Lithium	6-1				103		%
Magnesium	24-2	5090.92	5191.56	5139.87	5140.79	0.98	ppb
Manganese	55-2	500.01	507.48	500.59	502.69	0.83	ppb
Molybdenum	94-1	515.01	518.94	522.42	518.79	0.71	ppb
Molybdenum	95-1	505.93	496.52	510.69	504.38	1.43	ppb
Molybdenum	96-1	504.63	509.00	504.68	506.10	0.50	ppb
Molybdenum	97-1	515.94	510.44	513.40	513.26	0.54	ppb
Molybdenum	98-1	516.60	497.76	509.17	507.85	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.74	50.81	51.48	51.34	0.93	ppb
Phosphorus	31-2	967.60	957.55	980.15	968.43	1.17	ppb
Potassium	39-2	2658.38	2718.35	2675.05	2683.93	1.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	52.21	52.83	52.73	52.59	0.63	ppb
Selenium	77-2	48.57	47.85	44.12	46.85	5.10	ppb
Selenium	78-2	48.35	51.00	47.25	48.86	3.95	ppb
Silicon	28-1	53.98	53.27	53.91	53.72	0.73	ppb
Silver	107-1	53.60	55.68	55.56	54.95	2.12	ppb
Silver	109-1	53.36	55.41	54.99	54.59	1.98	ppb
Sodium	23-2	4834.06	4951.23	4868.56	4884.62	1.23	ppb
Strontium	86-1	1273.08	1269.49	1278.52	1273.70	0.36	ppb
Strontium	88-1	1264.51	1272.26	1273.83	1270.20	0.39	ppb
Sulfur	34-1	1316.15	1205.30	1321.31	1280.92	5.12	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	45.73	44.64	45.95	45.44	1.53	ppb
Thallium	205-1	45.11	45.41	45.86	45.46	0.84	ppb
Tin	118-1	51.75	52.02	51.68	51.82	0.35	ppb
Titanium	47-1	524.09	517.88	519.96	520.64	0.61	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:28:15	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	43.89	42.74	43.01	43.21	1.39	ppb
Vanadium	51-2	49.31	50.33	49.19	49.61	1.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	506.93	519.27	505.82	510.67	1.46	ppb
Zirconium	90-1	51.20	50.81	51.34	51.12	0.54	ppb
Zirconium	91-1	51.01	50.99	51.44	51.15	0.49	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:31:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2597.87	2637.36	2669.65	2634.96	1.36	ppb
Antimony	121-1	130.89	131.03	130.86	130.92	0.07	ppb
Arsenic	75-2	123.24	129.42	127.39	126.69	2.49	ppb
Barium	135-1	636.50	636.36	631.35	634.74	0.46	ppb
Barium	137-1	669.19	666.42	657.85	664.49	0.89	ppb
Beryllium	9-1	137.42	135.55	137.27	136.75	0.76	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.42	138.80	138.22	138.15	0.50	ppb
Cadmium	106-1	137.66	138.84	139.97	138.83	0.83	ppb
Cadmium	111-1	138.20	136.93	136.73	137.29	0.58	ppb
Calcium	43-1	15142.19	15510.36	15352.53	15335.02	1.20	ppb
Calcium	44-1	13581.94	13747.19	13761.96	13697.03	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.95	128.03	131.02	128.67	1.64	ppb
Cobalt	59-2	128.18	129.33	131.67	129.73	1.37	ppb
Copper	63-2	1302.76	1282.84	1307.11	1297.57	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	6701.99	6743.05	6810.56	6751.87	0.81	ppb
Iron	57-2	7205.56	7273.49	7286.36	7255.14	0.60	ppb
Iron	54-2	7268.29	7377.47	7421.10	7355.62	1.07	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:31:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	638.13	660.47	644.27	647.63	1.78	ppb
Lead	207-1	647.63	659.45	636.33	647.80	1.78	ppb
Lead	208-1	640.32	652.63	639.75	644.23	1.13	ppb
Lithium	6-1				105		%
Magnesium	24-2	12573.93	12879.66	12828.90	12760.83	1.28	ppb
Manganese	55-2	1227.61	1237.70	1265.72	1243.68	1.59	ppb
Molybdenum	94-1	1308.39	1325.75	1314.51	1316.22	0.67	ppb
Molybdenum	95-1	1309.97	1321.89	1301.62	1311.16	0.78	ppb
Molybdenum	96-1	1308.60	1318.67	1295.73	1307.67	0.88	ppb
Molybdenum	97-1	1303.10	1327.03	1311.44	1313.86	0.92	ppb
Molybdenum	98-1	1312.41	1321.36	1302.66	1312.14	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.17	129.38	130.42	129.32	0.87	ppb
Phosphorus	31-2	2503.75	2442.06	2535.15	2493.65	1.90	ppb
Potassium	39-2	6339.70	6489.15	6490.07	6439.64	1.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	136.43	134.74	134.19	135.12	0.87	ppb
Selenium	77-2	132.49	135.60	118.68	128.92	6.98	ppb
Selenium	78-2	125.17	131.76	124.36	127.10	3.19	ppb
Silicon	28-1	138.68	139.17	136.93	138.26	0.85	ppb
Silver	107-1	138.25	138.47	137.67	138.13	0.30	ppb
Silver	109-1	138.31	138.39	137.06	137.92	0.54	ppb
Sodium	23-2	12384.88	12677.80	12887.52	12650.06	2.00	ppb
Strontium	86-1	3287.54	3308.69	3287.62	3294.62	0.37	ppb
Strontium	88-1	3289.83	3284.22	3254.44	3276.16	0.58	ppb
Sulfur	34-1	2827.81	2886.32	2842.17	2852.10	1.07	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	118.48	121.65	117.79	119.31	1.72	ppb
Thallium	205-1	128.48	130.79	126.71	128.66	1.59	ppb
Tin	118-1	132.47	132.28	131.16	131.97	0.54	ppb
Titanium	47-1	1343.41	1364.74	1356.73	1354.96	0.80	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:31:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	124.30	129.04	124.89	126.07	2.05	ppb
Vanadium	51-2	125.86	127.81	129.03	127.57	1.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	1291.14	1295.99	1322.49	1303.21	1.30	ppb
Zirconium	90-1	132.53	132.47	131.67	132.22	0.36	ppb
Zirconium	91-1	132.05	133.02	131.93	132.33	0.45	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:34:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5110.96	5250.34	5239.58	5200.29	1.49	ppb
Antimony	121-1	265.33	260.53	257.66	261.17	1.48	ppb
Arsenic	75-2	243.29	253.83	252.08	249.73	2.26	ppb
Barium	135-1	1326.99	1298.44	1314.43	1313.29	1.09	ppb
Barium	137-1	1325.04	1291.05	1303.45	1306.52	1.32	ppb
Beryllium	9-1	267.13	269.61	265.00	267.25	0.86	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	270.84	273.59	266.64	270.36	1.29	ppb
Cadmium	106-1	281.81	269.62	270.20	273.87	2.51	ppb
Cadmium	111-1	271.62	270.47	267.57	269.89	0.77	ppb
Calcium	43-1	30037.28	30382.91	30414.76	30278.32	0.69	ppb
Calcium	44-1	27030.71	27063.49	27047.72	27047.31	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.65	252.30	254.52	250.82	1.84	ppb
Cobalt	59-2	247.24	255.14	255.77	252.72	1.88	ppb
Copper	63-2	2477.93	2521.00	2556.74	2518.56	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	12959.52	13318.61	13327.07	13201.73	1.59	ppb
Iron	57-2	13927.78	14295.46	14338.22	14187.15	1.59	ppb
Iron	54-2	14017.27	14529.35	14493.99	14346.87	1.99	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:34:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1266.29	1269.68	1296.70	1277.56	1.30	ppb
Lead	207-1	1279.44	1275.52	1277.15	1277.37	0.15	ppb
Lead	208-1	1271.96	1268.74	1287.78	1276.16	0.80	ppb
Lithium	6-1				106		%
Magnesium	24-2	24071.03	25227.32	25321.20	24873.18	2.80	ppb
Manganese	55-2	2393.56	2461.49	2468.21	2441.09	1.69	ppb
Molybdenum	94-1	2549.54	2631.07	2598.39	2593.00	1.58	ppb
Molybdenum	95-1	2554.30	2635.37	2608.09	2599.25	1.59	ppb
Molybdenum	96-1	2542.20	2648.58	2601.69	2597.49	2.05	ppb
Molybdenum	97-1	2554.78	2618.15	2608.84	2593.92	1.32	ppb
Molybdenum	98-1	2545.86	2638.45	2585.66	2589.99	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.00	256.33	256.01	253.45	1.86	ppb
Phosphorus	31-2	4778.86	4916.79	4949.81	4881.82	1.86	ppb
Potassium	39-2	12305.05	12649.59	12858.31	12604.31	2.22	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	262.45	265.49	264.24	264.06	0.58	ppb
Selenium	77-2	235.10	280.40	244.92	253.47	9.40	ppb
Selenium	78-2	241.68	253.96	265.94	253.86	4.78	ppb
Silicon	28-1	266.73	271.14	272.54	270.14	1.12	ppb
Silver	107-1	276.25	274.21	269.64	273.37	1.24	ppb
Silver	109-1	276.87	272.86	266.97	272.24	1.83	ppb
Sodium	23-2	24265.24	25023.28	25196.83	24828.45	2.00	ppb
Strontium	86-1	6409.58	6523.11	6500.01	6477.57	0.93	ppb
Strontium	88-1	6426.84	6565.08	6448.33	6480.08	1.15	ppb
Sulfur	34-1	5375.90	5384.91	5311.17	5357.32	0.75	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	233.35	234.92	237.96	235.41	1.00	ppb
Thallium	205-1	256.61	253.00	258.25	255.95	1.05	ppb
Tin	118-1	263.52	261.53	261.77	262.27	0.41	ppb
Titanium	47-1	2604.21	2607.97	2632.29	2614.82	0.58	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:34:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	249.31	251.62	253.99	251.64	0.93	ppb
Vanadium	51-2	245.71	252.99	253.02	250.57	1.68	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	2474.08	2559.54	2578.39	2537.34	2.19	ppb
Zirconium	90-1	253.45	262.23	255.73	257.14	1.77	ppb
Zirconium	91-1	258.84	265.06	262.37	262.09	1.19	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:37:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9960.90	10016.60	9871.51	9949.67	0.74	ppb
Antimony	121-1	495.85	482.81	499.16	492.61	1.75	ppb
Arsenic	75-2	472.37	472.48	479.51	474.79	0.86	ppb
Barium	135-1	2471.74	2400.09	2512.79	2461.54	2.32	ppb
Barium	137-1	2468.80	2419.20	2465.25	2451.08	1.13	ppb
Beryllium	9-1	492.91	490.05	496.02	492.99	0.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	493.81	488.88	506.76	496.48	1.86	ppb
Cadmium	106-1	503.63	482.55	495.92	494.03	2.16	ppb
Cadmium	111-1	499.42	485.97	502.57	495.99	1.78	ppb
Calcium	43-1	56909.10	56871.33	57655.27	57145.23	0.77	ppb
Calcium	44-1	51085.71	50900.58	52090.72	51359.00	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.81	486.88	478.12	482.94	0.92	ppb
Cobalt	59-2	476.08	481.76	464.62	474.15	1.84	ppb
Copper	63-2	4755.16	4853.94	4746.62	4785.24	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	25508.15	25591.56	25213.80	25437.84	0.78	ppb
Iron	57-2	27317.84	27421.96	27006.31	27248.70	0.79	ppb
Iron	54-2	25888.03	26253.78	25984.14	26041.98	0.73	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:37:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2454.89	2401.52	2441.83	2432.75	1.14	ppb
Lead	207-1	2436.66	2381.39	2456.46	2424.84	1.60	ppb
Lead	208-1	2441.29	2390.80	2455.58	2429.22	1.40	ppb
Lithium	6-1				109		%
Magnesium	24-2	48662.40	48510.88	47363.40	48178.89	1.47	ppb
Manganese	55-2	4720.63	4755.88	4717.76	4731.42	0.45	ppb
Molybdenum	94-1	4868.78	4791.25	4948.91	4869.65	1.62	ppb
Molybdenum	95-1	4846.50	4825.75	4922.17	4864.81	1.04	ppb
Molybdenum	96-1	4888.07	4852.14	4957.22	4899.14	1.09	ppb
Molybdenum	97-1	4863.15	4834.78	4921.22	4873.05	0.90	ppb
Molybdenum	98-1	4858.15	4822.53	4928.60	4869.76	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.15	480.96	474.19	477.43	0.71	ppb
Phosphorus	31-2	9418.11	9519.31	9456.20	9464.54	0.54	ppb
Potassium	39-2	24163.46	24438.21	23817.91	24139.86	1.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	485.65	480.63	495.22	487.16	1.52	ppb
Selenium	77-2	472.93	451.86	461.91	462.23	2.28	ppb
Selenium	78-2	469.64	471.07	477.77	472.83	0.92	ppb
Silicon	28-1	502.90	494.29	503.60	500.26	1.04	ppb
Silver	107-1	507.63	484.48	501.24	497.78	2.40	ppb
Silver	109-1	513.56	488.23	511.72	504.50	2.80	ppb
Sodium	23-2	48605.29	48601.84	47469.34	48225.49	1.36	ppb
Strontium	86-1	12134.93	11914.16	12305.56	12118.21	1.62	ppb
Strontium	88-1	12090.10	11984.69	12211.08	12095.29	0.94	ppb
Sulfur	34-1	9677.90	9353.97	9771.07	9600.98	2.28	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	500.86	488.16	498.09	495.70	1.35	ppb
Thallium	205-1	494.43	472.91	484.55	483.96	2.23	ppb
Tin	118-1	500.84	479.07	504.18	494.70	2.76	ppb
Titanium	47-1	4922.27	4852.61	4975.01	4916.63	1.25	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:37:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	485.79	471.74	485.52	481.02	1.67	ppb
Vanadium	51-2	482.26	485.62	478.14	482.01	0.78	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	4798.15	4871.71	4710.46	4793.44	1.68	ppb
Zirconium	90-1	482.86	472.89	491.24	482.33	1.90	ppb
Zirconium	91-1	489.28	485.98	497.52	490.93	1.21	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:40:04	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24516.48	18524.78	19942.67	20994.65	14.91	ppb
Antimony	121-1	1000.93	995.87	1003.48	1000.09	0.39	ppb
Arsenic	75-2	1167.02	899.53	970.89	1012.48	13.68	ppb
Barium	135-1	5005.76	4947.35	5053.56	5002.22	1.06	ppb
Barium	137-1	5019.79	5002.88	4993.43	5005.37	0.27	ppb
Beryllium	9-1	1000.19	991.19	1001.40	997.59	0.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	986.71	990.31	1007.38	994.80	1.11	ppb
Cadmium	106-1	996.30	998.52	990.40	995.07	0.42	ppb
Cadmium	111-1	993.35	990.25	1002.32	995.30	0.63	ppb
Calcium	43-1	111511.90	111082.97	111166.82	111253.90	0.20	ppb
Calcium	44-1	104102.98	105311.79	104133.99	104516.25	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1178.66	886.68	958.24	1007.86	15.10	ppb
Cobalt	59-2	1182.57	901.27	951.04	1011.63	14.84	ppb
Copper	63-2	11764.74	9046.38	9477.41	10096.18	14.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	63547.51	48429.80	51501.75	54493.02	14.66	ppb
Iron	57-2	64346.15	49247.71	51478.02	55023.96	14.81	ppb
Iron	54-2	65357.58	48716.82	51603.70	55226.03	16.10	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:40:04	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4948.93	5102.34	5023.70	5024.99	1.53	ppb
Lead	207-1	4972.10	5057.36	5057.99	5029.15	0.98	ppb
Lead	208-1	4985.46	5072.59	5022.99	5027.01	0.87	ppb
Lithium	6-1				107		%
Magnesium	24-2	120688.54	92510.70	97469.52	103556.25	14.53	ppb
Manganese	55-2	11838.28	9037.06	9573.67	10149.67	14.65	ppb
Molybdenum	94-1	9934.39	10134.78	10028.95	10032.71	1.00	ppb
Molybdenum	95-1	9952.11	10078.17	10074.48	10034.92	0.71	ppb
Molybdenum	96-1	9936.27	10117.35	10002.00	10018.54	0.91	ppb
Molybdenum	97-1	9917.41	10127.43	10049.21	10031.35	1.06	ppb
Molybdenum	98-1	9912.25	10133.00	10058.14	10034.46	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1175.35	903.62	950.47	1009.81	14.38	ppb
Phosphorus	31-2	23426.34	18111.68	19360.92	20299.65	13.69	ppb
Potassium	39-2	61628.69	46895.11	49527.78	52683.86	14.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	991.07	1012.87	1000.58	1001.51	1.09	ppb
Selenium	77-2	1210.43	891.67	950.98	1017.69	16.66	ppb
Selenium	78-2	1169.84	900.55	966.87	1012.42	13.86	ppb
Silicon	28-1	981.20	991.09	1006.93	993.07	1.31	ppb
Silver	107-1	1002.62	983.96	993.55	993.38	0.94	ppb
Silver	109-1	996.77	980.46	993.80	990.34	0.88	ppb
Sodium	23-2	120453.55	92836.13	98154.21	103814.63	14.11	ppb
Strontium	86-1	24844.57	25553.48	24936.80	25111.62	1.53	ppb
Strontium	88-1	24745.84	25510.43	25118.51	25124.93	1.52	ppb
Sulfur	34-1	20076.30	19866.52	20213.55	20052.12	0.87	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	994.99	1018.00	1007.22	1006.73	1.14	ppb
Thallium	205-1	993.67	1025.34	999.89	1006.30	1.67	ppb
Tin	118-1	990.12	999.59	1006.16	998.62	0.81	ppb
Titanium	47-1	9908.73	9947.50	10140.25	9998.83	1.24	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:40:04	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1012.24	1011.22	1004.40	1009.29	0.42	ppb
Vanadium	51-2	1172.77	909.82	943.07	1008.55	14.20	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	11812.54	8948.92	9498.82	10086.76	15.07	ppb
Zirconium	90-1	997.47	1014.00	1006.80	1006.09	0.82	ppb
Zirconium	91-1	998.00	998.56	1005.05	1000.54	0.39	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:42:49	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99231.65	99596.32	100549.41	99792.46	0.68	ppb
Antimony	121-1	0.83	0.82	0.89	0.85	4.73	ppb
Arsenic	75-2	0.58	0.67	0.71	0.65	10.00	ppb
Barium	135-1	1.85	1.98	1.84	1.89	4.19	ppb
Barium	137-1	1.94	1.93	1.92	1.93	0.43	ppb
Beryllium	9-1	0.28	0.19	0.15	0.21	32.12	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.33	0.19	0.34	45.36	ppb
Cadmium	106-1	0.11	-0.12	0.10	0.03	422.85	ppb
Cadmium	111-1	0.22	0.20	0.22	0.21	5.25	ppb
Calcium	43-1	493284.98	489548.80	507239.15	496690.98	1.88	ppb
Calcium	44-1	492916.40	495978.80	507580.97	498825.39	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.41	3.44	3.41	3.42	0.53	ppb
Cobalt	59-2	2.47	2.44	2.48	2.47	0.84	ppb
Copper	63-2	1.72	1.82	1.62	1.72	5.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	247908.72	248942.70	250174.59	249008.67	0.46	ppb
Iron	57-2	247357.05	248827.13	249788.86	248657.68	0.49	ppb
Iron	54-2	248991.59	247521.81	249668.18	248727.19	0.44	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:42:49	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.24	1.24	1.30	1.26	2.72	ppb
Lead	207-1	1.24	1.28	1.20	1.24	3.43	ppb
Lead	208-1	1.26	1.27	1.25	1.26	0.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	498914.98	497137.00	502355.58	499469.19	0.53	ppb
Manganese	55-2	4.00	4.18	4.10	4.09	2.28	ppb
Molybdenum	94-1	2.82	2.96	2.94	2.90	2.65	ppb
Molybdenum	95-1	1.98	2.05	2.11	2.05	3.04	ppb
Molybdenum	96-1	3.79	3.74	3.86	3.80	1.48	ppb
Molybdenum	97-1	2.00	2.02	1.93	1.98	2.37	ppb
Molybdenum	98-1	1.93	1.89	1.88	1.90	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.67	4.65	4.61	4.64	0.69	ppb
Phosphorus	31-2	-11.88	-5.16	-9.39	-8.81		ppb
Potassium	39-2	249432.82	248120.77	251058.31	249537.30	0.59	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	1.27	0.84	2.04	1.38	43.96	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.95	1.26	-0.22	0.66	117.72	ppb
Silicon	28-1	7.73	8.25	8.66	8.21	5.70	ppb
Silver	107-1	0.12	0.10	0.11	0.11	10.38	ppb
Silver	109-1	0.13	0.12	0.11	0.12	8.72	ppb
Sodium	23-2	498895.69	496420.14	502945.55	499420.46	0.66	ppb
Strontium	86-1	3.62	3.48	3.76	3.62	3.85	ppb
Strontium	88-1	3.63	3.60	3.63	3.62	0.49	ppb
Sulfur	34-1	-350.47	-326.74	-18.81	-232.01		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.15	0.12	0.13	0.13	12.76	ppb
Thallium	205-1	0.15	0.14	0.13	0.14	9.53	ppb
Tin	118-1	1.23	1.25	1.40	1.29	7.40	ppb
Titanium	47-1	0.66	0.77	0.76	0.73	8.85	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:42:49	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.03	0.03	0.03	8.16	ppb
Vanadium	51-2	0.20	0.18	0.21	0.20	5.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5.13	4.98	5.29	5.13	3.06	ppb
Zirconium	90-1	0.59	0.61	0.64	0.61	3.85	ppb
Zirconium	91-1	0.65	0.64	0.65	0.65	1.27	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICV011	Instrumnet Name :	P7
Client Sample ID :	ICV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:48:36	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.76	512.01	505.46	505.74	1.21	ppb
Antimony	121-1	209.76	210.46	210.82	210.35	0.26	ppb
Arsenic	75-2	205.45	202.15	203.46	203.69	0.81	ppb
Barium	135-1	99.92	99.81	101.89	100.54	1.17	ppb
Barium	137-1	101.30	100.48	101.21	101.00	0.44	ppb
Beryllium	9-1	109.15	108.69	109.92	109.25	0.57	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.85	94.44	98.19	96.82	2.14	ppb
Cadmium	106-1	91.51	92.88	93.77	92.72	1.23	ppb
Cadmium	111-1	105.09	104.11	105.07	104.76	0.53	ppb
Calcium	43-1	2150.54	2155.14	2199.72	2168.47	1.25	ppb
Calcium	44-1	2135.69	2152.76	2173.29	2153.91	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.10	103.91	102.96	103.32	0.50	ppb
Cobalt	59-2	103.89	105.22	104.16	104.42	0.68	ppb
Copper	63-2	98.51	99.12	98.03	98.55	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				109		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	56-2	2101.50	2095.94	2087.87	2095.10	0.33	ppb
Iron	57-2	2219.69	2246.33	2234.29	2233.44	0.60	ppb
Iron	54-2	2308.75	2347.01	2310.50	2322.09	0.93	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICV011	Instrumnet Name :	P7
Client Sample ID :	ICV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:48:36	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	188.40	190.94	193.45	190.93	1.32	ppb
Lead	207-1	178.33	180.19	184.82	181.11	1.85	ppb
Lead	208-1	194.54	195.11	198.30	195.99	1.03	ppb
Lithium	6-1				111		%
Magnesium	24-2	1255.04	1274.38	1264.96	1264.79	0.76	ppb
Manganese	55-2	100.93	102.67	101.56	101.72	0.86	ppb
Molybdenum	94-1	0.38	0.38	0.36	0.37	4.28	ppb
Molybdenum	95-1	0.08	0.11	0.10	0.10	19.47	ppb
Molybdenum	96-1	0.14	0.11	0.13	0.13	12.37	ppb
Molybdenum	97-1	0.08	0.10	0.09	0.09	8.68	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	3.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.43	106.10	104.94	105.49	0.55	ppb
Phosphorus	31-2	-15.22	-14.52	-14.68	-14.81		ppb
Potassium	39-2	2132.14	2153.84	2131.57	2139.18	0.59	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	219.13	218.51	221.21	219.62	0.64	ppb
Selenium	77-2	230.27	205.31	210.28	215.29	6.14	ppb
Selenium	78-2	208.41	206.07	200.24	204.91	2.05	ppb
Silicon	28-1	-0.04	0.09	0.24	0.09	149.84	ppb
Silver	107-1	54.05	54.05	54.95	54.35	0.96	ppb
Silver	109-1	53.63	53.78	54.56	53.99	0.93	ppb
Sodium	23-2	2083.45	2102.80	2085.36	2090.54	0.51	ppb
Strontium	86-1	0.36	0.32	0.31	0.33	7.49	ppb
Strontium	88-1	0.35	0.37	0.34	0.35	4.34	ppb
Sulfur	34-1	-32.01	-19.37	-24.58	-25.32		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	186.39	187.08	190.64	188.04	1.21	ppb
Thallium	205-1	201.84	201.18	208.09	203.70	1.87	ppb
Tin	118-1	0.04	0.07	0.07	0.06	27.07	ppb
Titanium	47-1	-1.31	-1.11	-1.10	-1.17		ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICV011	Instrumnet Name :	P7
Client Sample ID :	ICV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:48:36	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	9.99	ppb
Vanadium	51-2	99.01	100.49	99.39	99.63	0.77	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	198.53	200.13	201.04	199.90	0.64	ppb
Zirconium	90-1	0.13	0.13	0.14	0.14	3.91	ppb
Zirconium	91-1	0.16	0.19	0.18	0.18	9.32	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICB011	Instrumnet Name :	P7
Client Sample ID :	ICB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:58:19	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.00	0.30	0.11	143.12	ppb
Antimony	121-1	0.05	0.06	0.06	0.05	10.54	ppb
Arsenic	75-2	0.03	0.02	0.00	0.02	96.24	ppb
Barium	135-1	0.01	0.01	0.00	0.01	111.74	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00		ppb
Beryllium	9-1	0.04	0.01	0.03	0.02	66.00	ppb
Bismuth	209-1				109		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.08	-0.08	-0.07		ppb
Cadmium	106-1	-2.08	-2.99	-2.17	-2.41		ppb
Cadmium	111-1	-0.02	-0.03	-0.02	-0.02		ppb
Calcium	43-1	-0.14	0.64	1.78	0.76	127.21	ppb
Calcium	44-1	0.72	0.39	0.37	0.49	40.61	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		ppb
Cobalt	59-2	-0.06	-0.05	-0.04	-0.05		ppb
Copper	63-2	-0.02	0.00	0.06	0.01	275.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	56-2	-7.58	-7.59	-7.53	-7.57		ppb
Iron	57-2	-7.40	-6.83	-5.40	-6.55		ppb
Iron	54-2	-8.77	-9.83	-8.74	-9.12		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICB011	Instrumnet Name :	P7
Client Sample ID :	ICB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:58:19	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.04	0.05	0.05	21.19	ppb
Lead	207-1	0.03	0.04	0.03	0.03	18.34	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.42	ppb
Lithium	6-1				111		%
Magnesium	24-2	0.43	-0.19	0.16	0.13	231.50	ppb
Manganese	55-2	-0.34	-0.26	-0.25	-0.29		ppb
Molybdenum	94-1	0.07	0.12	0.07	0.09	31.43	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	47.91	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	156.39	ppb
Molybdenum	97-1	0.01	0.00	0.02	0.01	65.40	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	52.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.07	-0.03	-0.04		ppb
Phosphorus	31-2	-15.74	-13.71	-15.84	-15.10		ppb
Potassium	39-2	2.25	2.97	2.96	2.73	15.15	ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				112		%
Selenium	82-1	-0.81	-0.89	-0.24	-0.65		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.80	0.86	-0.99	-0.31		ppb
Silicon	28-1	-0.56	-0.16	-0.45	-0.39		ppb
Silver	107-1	0.01	0.00	0.01	0.00	57.60	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.27	ppb
Sodium	23-2	8.77	9.52	9.40	9.23	4.36	ppb
Strontium	86-1	0.01	0.02	0.00	0.01	62.74	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	8.33	ppb
Sulfur	34-1	180.83	183.35	169.48	177.89	4.15	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.01	0.02	0.02	23.76	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	16.64	ppb
Tin	118-1	0.02	0.04	0.03	0.03	34.04	ppb
Titanium	47-1	-1.31	-1.34	-1.32	-1.32		ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICB011	Instrumnet Name :	P7
Client Sample ID :	ICB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:58:19	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	559.94	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	49.64	ppb
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	0.14	0.06	0.22	0.14	59.84	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	15.90	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	4.81	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSA011	Instrumnet Name :	P7
Client Sample ID :	ICSA011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:01:36	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91722.56	91069.62	90552.70	91114.96	0.64	ppb
Antimony	121-1	1.14	1.15	1.19	1.16	2.22	ppb
Arsenic	75-2	0.38	0.44	0.43	0.42	7.67	ppb
Barium	135-1	1.36	1.22	1.40	1.32	7.11	ppb
Barium	137-1	1.43	1.36	1.45	1.41	3.40	ppb
Beryllium	9-1	0.31	0.30	0.30	0.31	2.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	7.48	8.12	7.97	7.86	4.24	ppb
Cadmium	106-1	-1.49	-1.16	-1.45	-1.37		ppb
Cadmium	111-1	1.01	1.09	1.08	1.06	4.14	ppb
Calcium	43-1	98412.73	97637.32	99044.30	98364.78	0.72	ppb
Calcium	44-1	97287.11	97304.66	98940.23	97844.00	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.16	19.46	19.57	19.73	1.91	ppb
Cobalt	59-2	1.21	1.17	1.13	1.17	3.49	ppb
Copper	63-2	7.50	7.46	7.37	7.44	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	104381.73	103248.53	102146.28	103258.85	1.08	ppb
Iron	57-2	102843.75	102975.09	102247.61	102688.82	0.38	ppb
Iron	54-2	103196.84	102387.37	102141.29	102575.16	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSA011	Instrumnet Name :	P7
Client Sample ID :	ICSA011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:01:36	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.40	4.36	4.53	4.43	2.02	ppb
Lead	207-1	4.02	3.98	4.02	4.01	0.59	ppb
Lead	208-1	4.11	4.12	4.24	4.16	1.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	97652.71	97049.66	96288.75	96997.04	0.70	ppb
Manganese	55-2	7.42	7.40	7.56	7.46	1.15	ppb
Molybdenum	94-1	1538.87	1554.56	1571.35	1554.92	1.04	ppb
Molybdenum	95-1	1842.23	1874.58	1884.57	1867.13	1.19	ppb
Molybdenum	96-1	1819.86	1831.34	1856.53	1835.91	1.02	ppb
Molybdenum	97-1	1849.44	1878.01	1859.05	1862.17	0.78	ppb
Molybdenum	98-1	1831.84	1849.88	1885.97	1855.90	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.24	4.99	5.21	3.94	ppb
Phosphorus	31-2	96897.80	95595.90	95329.64	95941.12	0.87	ppb
Potassium	39-2	98423.08	97757.63	97354.03	97844.91	0.55	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-0.17	-0.50	-0.84	-0.51		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.12	-0.26	-0.97	-0.45		ppb
Silicon	28-1	6.37	6.38	7.12	6.62	6.47	ppb
Silver	107-1	0.07	0.06	0.06	0.06	6.00	ppb
Silver	109-1	0.07	0.06	0.06	0.06	2.66	ppb
Sodium	23-2	98002.58	97993.35	96820.65	97605.53	0.70	ppb
Strontium	86-1	34.58	34.66	35.05	34.76	0.74	ppb
Strontium	88-1	34.15	34.53	35.14	34.61	1.45	ppb
Sulfur	34-1	99257.55	98389.03	100495.35	99380.64	1.07	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.12	0.17	0.21	0.17	28.80	ppb
Thallium	205-1	0.11	0.17	0.22	0.17	31.78	ppb
Tin	118-1	0.19	0.20	0.22	0.21	9.35	ppb
Titanium	47-1	1939.46	1897.41	1951.35	1929.40	1.47	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSA011	Instrumnet Name :	P7
Client Sample ID :	ICSA011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:01:36	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.01	4.37	ppb
Vanadium	51-2	0.19	0.21	0.19	0.20	6.66	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	11.37	11.14	11.01	11.17	1.64	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	5.21	ppb
Zirconium	91-1	0.07	0.06	0.09	0.07	27.92	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSAB011	Instrumnet Name :	P7
Client Sample ID :	ICSAB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:04:41	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90511.20	90521.50	90769.46	90600.72	0.16	ppb
Antimony	121-1	21.33	21.43	21.51	21.42	0.43	ppb
Arsenic	75-2	20.04	20.62	21.20	20.62	2.80	ppb
Barium	135-1	20.62	20.94	21.15	20.91	1.28	ppb
Barium	137-1	20.88	20.97	20.73	20.86	0.58	ppb
Beryllium	9-1	21.59	21.53	21.51	21.54	0.18	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.24	25.86	26.15	25.75	1.82	ppb
Cadmium	106-1	14.38	14.78	13.16	14.11	6.00	ppb
Cadmium	111-1	20.08	20.41	20.08	20.19	0.95	ppb
Calcium	43-1	97999.01	98588.12	99662.23	98749.79	0.85	ppb
Calcium	44-1	98530.04	98175.03	99358.48	98687.85	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.63	39.16	39.50	39.43	0.62	ppb
Cobalt	59-2	20.71	20.65	20.90	20.75	0.64	ppb
Copper	63-2	25.59	25.89	26.01	25.83	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	102091.14	102380.23	102958.08	102476.48	0.43	ppb
Iron	57-2	101915.11	101405.95	102784.24	102035.10	0.68	ppb
Iron	54-2	102932.88	102954.54	102936.76	102941.39	0.01	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSAB011	Instrumnet Name :	P7
Client Sample ID :	ICSAB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:04:41	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.96	24.08	23.79	23.94	0.62	ppb
Lead	207-1	22.48	22.60	22.33	22.47	0.60	ppb
Lead	208-1	23.07	23.16	22.92	23.05	0.54	ppb
Lithium	6-1				109		%
Magnesium	24-2	96530.52	97165.55	96440.27	96712.11	0.41	ppb
Manganese	55-2	27.63	27.33	27.17	27.38	0.85	ppb
Molybdenum	94-1	1539.93	1538.73	1554.59	1544.42	0.57	ppb
Molybdenum	95-1	1865.27	1843.26	1884.84	1864.46	1.12	ppb
Molybdenum	96-1	1830.78	1815.26	1844.26	1830.10	0.79	ppb
Molybdenum	97-1	1895.25	1855.35	1882.47	1877.69	1.09	ppb
Molybdenum	98-1	1897.13	1849.37	1902.83	1883.11	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.72	24.51	24.19	24.47	1.08	ppb
Phosphorus	31-2	95740.41	96499.19	95361.36	95866.99	0.60	ppb
Potassium	39-2	97947.42	98976.82	97555.86	98160.03	0.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	19.96	20.01	21.13	20.36	3.25	ppb
Selenium	77-2	22.87	22.73	23.08	22.89	0.76	ppb
Selenium	78-2	21.08	19.37	18.38	19.61	6.97	ppb
Silicon	28-1	7.05	6.81	7.55	7.14	5.29	ppb
Silver	107-1	19.30	19.46	19.52	19.43	0.59	ppb
Silver	109-1	19.25	19.46	19.42	19.38	0.58	ppb
Sodium	23-2	97132.23	96813.98	97395.93	97114.05	0.30	ppb
Strontium	86-1	34.25	34.33	34.63	34.40	0.59	ppb
Strontium	88-1	34.83	34.64	35.21	34.89	0.83	ppb
Sulfur	34-1	99494.65	99778.95	101111.32	100128.31	0.86	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	19.37	19.40	19.53	19.43	0.42	ppb
Thallium	205-1	19.32	19.46	19.32	19.37	0.39	ppb
Tin	118-1	0.16	0.19	0.18	0.17	9.77	ppb
Titanium	47-1	1922.60	1923.91	1967.32	1937.94	1.31	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSAB011	Instrumnet Name :	P7
Client Sample ID :	ICSAB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:04:41	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	8.98	ppb
Vanadium	51-2	19.62	19.93	19.77	19.77	0.77	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	30.20	29.88	30.59	30.22	1.19	ppb
Zirconium	90-1	0.04	0.04	0.05	0.04	12.14	ppb
Zirconium	91-1	0.04	0.05	0.06	0.05	21.03	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:07:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48652.52	48235.36	48360.98	48416.29	0.44	ppb
Antimony	121-1	499.86	496.29	504.53	500.23	0.83	ppb
Arsenic	75-2	481.09	484.57	478.71	481.46	0.61	ppb
Barium	135-1	2541.27	2503.44	2574.18	2539.63	1.39	ppb
Barium	137-1	2551.19	2505.85	2531.76	2529.60	0.90	ppb
Beryllium	9-1	509.65	522.67	526.63	519.65	1.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	490.92	485.26	487.52	487.90	0.58	ppb
Cadmium	106-1	495.31	496.49	497.85	496.55	0.26	ppb
Cadmium	111-1	491.71	492.59	494.72	493.01	0.31	ppb
Calcium	43-1	260187.99	260867.84	260521.56	260525.80	0.13	ppb
Calcium	44-1	256966.91	258015.95	257260.64	257414.50	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.98	499.33	498.77	498.36	0.25	ppb
Cobalt	59-2	484.46	486.47	484.75	485.22	0.22	ppb
Copper	63-2	4699.42	4730.24	4703.95	4711.20	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				111		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	129478.32	130411.69	129385.98	129758.66	0.44	ppb
Iron	57-2	128884.79	129786.70	130097.10	129589.53	0.49	ppb
Iron	54-2	128176.76	130054.08	130530.32	129587.05	0.96	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:07:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2614.83	2677.04	2623.70	2638.52	1.28	ppb
Lead	207-1	2617.84	2639.77	2609.72	2622.44	0.59	ppb
Lead	208-1	2611.08	2646.59	2617.42	2625.03	0.72	ppb
Lithium	6-1				107		%
Magnesium	24-2	246097.72	243913.90	243369.57	244460.39	0.59	ppb
Manganese	55-2	4797.34	4842.77	4848.75	4829.62	0.58	ppb
Molybdenum	94-1	5083.39	5192.11	5087.68	5121.06	1.20	ppb
Molybdenum	95-1	5041.23	5145.85	5069.31	5085.46	1.06	ppb
Molybdenum	96-1	5050.36	5147.41	5102.42	5100.06	0.95	ppb
Molybdenum	97-1	5032.56	5133.77	5092.31	5086.21	1.00	ppb
Molybdenum	98-1	5039.59	5163.86	5120.01	5107.82	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.58	479.86	474.78	477.07	0.54	ppb
Phosphorus	31-2	9765.38	9621.40	9600.20	9662.33	0.93	ppb
Potassium	39-2	125898.53	123890.21	124228.44	124672.39	0.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	492.99	498.47	500.56	497.34	0.79	ppb
Selenium	77-2	482.41	484.34	474.50	480.42	1.09	ppb
Selenium	78-2	472.52	457.39	454.95	461.62	2.06	ppb
Silicon	28-1	639.63	642.80	636.02	639.48	0.53	ppb
Silver	107-1	497.52	497.77	499.32	498.20	0.20	ppb
Silver	109-1	487.53	494.92	493.40	491.95	0.79	ppb
Sodium	23-2	249383.50	248607.43	248868.29	248953.08	0.16	ppb
Strontium	86-1	12595.93	12658.62	12774.01	12676.19	0.71	ppb
Strontium	88-1	12500.22	12910.72	12661.51	12690.82	1.63	ppb
Sulfur	34-1	10066.43	10349.17	10100.77	10172.12	1.52	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	533.90	533.91	525.61	531.14	0.90	ppb
Thallium	205-1	523.02	534.24	529.24	528.84	1.06	ppb
Tin	118-1	507.72	504.12	513.67	508.51	0.95	ppb
Titanium	47-1	5171.64	5240.66	5123.65	5178.65	1.14	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:07:44	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	529.95	540.70	534.05	534.90	1.01	ppb
Vanadium	51-2	501.79	503.54	500.73	502.02	0.28	ppb
Yttrium	89-1				109		%
Yttrium	89-2				105		%
Zinc	66-2	4612.55	4630.98	4624.76	4622.76	0.20	ppb
Zirconium	90-1	505.01	517.43	519.80	514.08	1.54	ppb
Zirconium	91-1	507.96	517.79	520.98	515.58	1.32	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:10:32	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.87	2.03	2.30	2.07	10.56	ppb
Antimony	121-1	0.35	0.36	0.43	0.38	11.45	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	122.97	ppb
Barium	135-1	0.06	0.04	0.06	0.05	17.69	ppb
Barium	137-1	0.08	0.06	0.06	0.07	12.44	ppb
Beryllium	9-1	0.09	0.06	0.10	0.08	25.53	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.00	0.02	0.04	137.07	ppb
Cadmium	106-1	-0.65	-1.14	-0.35	-0.71		ppb
Cadmium	111-1	0.04	0.02	0.03	0.03	25.94	ppb
Calcium	43-1	5.07	5.31	8.29	6.22	28.85	ppb
Calcium	44-1	6.81	5.33	4.88	5.67	17.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	-0.04	-0.04	-0.03	-0.04		ppb
Copper	63-2	0.24	0.21	0.20	0.22	10.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	-3.48	-3.11	-2.42	-3.00		ppb
Iron	57-2	-3.13	-1.66	-1.89	-2.23		ppb
Iron	54-2	-3.60	-2.44	-2.46	-2.83		ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:10:32	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.15	0.13	0.16	21.19	ppb
Lead	207-1	0.17	0.13	0.11	0.14	21.19	ppb
Lead	208-1	0.18	0.14	0.14	0.15	17.92	ppb
Lithium	6-1				113		%
Magnesium	24-2	5.31	5.78	7.39	6.16	17.72	ppb
Manganese	55-2	-0.20	-0.24	-0.21	-0.22		ppb
Molybdenum	94-1	0.56	0.58	0.55	0.57	2.80	ppb
Molybdenum	95-1	0.31	0.28	0.27	0.29	7.15	ppb
Molybdenum	96-1	0.33	0.28	0.30	0.30	7.34	ppb
Molybdenum	97-1	0.31	0.27	0.29	0.29	6.26	ppb
Molybdenum	98-1	0.30	0.28	0.29	0.29	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.02	-0.04	-0.05		ppb
Phosphorus	31-2	-14.89	-14.26	-11.74	-13.63		ppb
Potassium	39-2	14.92	13.90	13.43	14.08	5.42	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	-1.15	-1.31	-0.10	-0.85		ppb
Selenium	77-2	0.00	0.00	0.39	0.13	173.21	ppb
Selenium	78-2	-0.17	-0.18	-0.79	-0.38		ppb
Silicon	28-1	-0.36	-0.42	-0.35	-0.38		ppb
Silver	107-1	0.07	0.04	0.04	0.05	28.66	ppb
Silver	109-1	0.06	0.06	0.04	0.05	19.45	ppb
Sodium	23-2	37.20	38.20	35.88	37.09	3.14	ppb
Strontium	86-1	0.31	0.26	0.21	0.26	18.00	ppb
Strontium	88-1	0.33	0.26	0.24	0.28	17.08	ppb
Sulfur	34-1	-246.68	-274.14	-127.92	-216.25		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.09	0.08	0.06	0.08	22.31	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	14.85	ppb
Tin	118-1	0.11	0.13	0.18	0.14	25.42	ppb
Titanium	47-1	-0.99	-1.05	-1.13	-1.06		ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:10:32	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	14.27	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	73.09	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	-0.02	0.08	0.19	0.08	129.83	ppb
Zirconium	90-1	0.16	0.15	0.18	0.16	7.51	ppb
Zirconium	91-1	0.15	0.16	0.17	0.16	4.45	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BL	Instrumnet Name :	P7
Client Sample ID :	PBS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:05:30	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	0.06	0.01	0.00	11258.10	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	272.24	ppb
Arsenic	75-2	0.05	0.02	0.01	0.03	82.07	ppb
Barium	135-1	-0.02	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	90.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	0.00	-0.05	-0.04		ppb
Cadmium	106-1	-2.72	-2.19	-2.68	-2.53		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.02		ppb
Calcium	43-1	0.44	-0.82	1.21	0.27	372.27	ppb
Calcium	44-1	-1.68	-2.34	-0.95	-1.66		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	-0.03	-0.03		ppb
Cobalt	59-2	-0.06	-0.07	-0.07	-0.07		ppb
Copper	63-2	-0.04	-0.01	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	-9.62	-9.63	-9.53	-9.59		ppb
Iron	57-2	-8.30	-8.37	-8.02	-8.23		ppb
Iron	54-2	-9.76	-12.15	-9.78	-10.56		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BL	Instrumnet Name :	P7
Client Sample ID :	PBS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:05:30	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.01	0.00	0.00	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				113		%
Magnesium	24-2	-1.66	-1.50	-1.37	-1.51		ppb
Manganese	55-2	-0.37	-0.44	-0.40	-0.40		ppb
Molybdenum	94-1	0.02	0.02	0.04	0.02	42.47	ppb
Molybdenum	95-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.03	-0.03	-0.01	-0.03		ppb
Molybdenum	97-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.13	-0.09	-0.11		ppb
Phosphorus	31-2	-11.76	-16.28	-12.16	-13.40		ppb
Potassium	39-2	5.54	3.67	8.19	5.80	39.20	ppb
Rhodium	103-1				112		%
Rhodium	103-2				111		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	-0.98	-0.32	-0.01	-0.44		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	1.00	0.03	0.39	134.37	ppb
Silicon	28-1	-0.15	0.06	0.31	0.07	321.71	ppb
Silver	107-1	0.00	0.00	0.00	0.00	58.97	ppb
Silver	109-1	0.00	0.00	0.01	0.00	40.77	ppb
Sodium	23-2	3.55	2.68	2.62	2.95	17.65	ppb
Strontium	86-1	-0.02	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	25.83	12.69	127.99	55.51	113.71	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.00	0.00	26.26	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	226.43	ppb
Tin	118-1	0.07	0.00	0.02	0.03	110.80	ppb
Titanium	47-1	-1.36	-1.41	-1.38	-1.38		ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BL	Instrumnet Name :	P7
Client Sample ID :	PBS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:05:30	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				111		%
Yttrium	89-2				112		%
Zinc	66-2	-0.06	-0.05	0.00	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	23.62	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	248.50	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BS	Instrumnet Name :	P7
Client Sample ID :	LCS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:09:23	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.06	46.74	44.75	45.85	2.20	ppb
Antimony	121-1	4.47	4.66	4.57	4.56	2.11	ppb
Arsenic	75-2	2.63	2.30	2.19	2.37	9.84	ppb
Barium	135-1	21.17	21.21	21.21	21.20	0.10	ppb
Barium	137-1	21.35	21.15	21.55	21.35	0.95	ppb
Beryllium	9-1	2.11	2.40	2.47	2.33	8.10	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.34	1.42	1.47	1.41	4.60	ppb
Cadmium	106-1	1.62	0.94	1.61	1.39	27.99	ppb
Cadmium	111-1	1.53	1.47	1.53	1.51	2.30	ppb
Calcium	43-1	1120.37	1090.29	1104.38	1105.01	1.36	ppb
Calcium	44-1	1115.58	1114.40	1115.25	1115.08	0.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.62	4.58	4.55	4.59	0.81	ppb
Cobalt	59-2	2.15	2.24	2.22	2.20	2.03	ppb
Copper	63-2	4.48	4.70	4.63	4.60	2.43	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				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	477.22	480.92	477.19	478.44	0.45	ppb
Iron	57-2	487.09	488.89	487.26	487.75	0.20	ppb
Iron	54-2	485.86	492.76	486.56	488.39	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BS	Instrumnet Name :	P7
Client Sample ID :	LCS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:09:23	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.00	2.04	2.04	2.03	1.15	ppb
Lead	207-1	1.97	1.92	1.99	1.96	1.88	ppb
Lead	208-1	1.98	2.00	2.02	2.00	1.09	ppb
Lithium	6-1				114		%
Magnesium	24-2	1187.30	1199.07	1192.21	1192.86	0.50	ppb
Manganese	55-2	1.79	1.79	1.76	1.78	0.77	ppb
Molybdenum	94-1	12.73	12.96	12.92	12.87	0.97	ppb
Molybdenum	95-1	10.62	10.74	11.03	10.80	1.99	ppb
Molybdenum	96-1	10.87	10.82	11.07	10.92	1.23	ppb
Molybdenum	97-1	10.56	10.75	11.00	10.77	2.07	ppb
Molybdenum	98-1	10.79	10.83	10.83	10.82	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.28	2.15	2.22	3.12	ppb
Phosphorus	31-2	-16.29	-14.63	-16.16	-15.70		ppb
Potassium	39-2	1175.95	1195.52	1178.97	1183.48	0.89	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	11.81	10.44	10.74	10.99	6.53	ppb
Selenium	77-2	8.42	12.17	11.56	10.71	18.79	ppb
Selenium	78-2	11.64	10.98	11.53	11.38	3.10	ppb
Silicon	28-1	6.82	6.72	7.12	6.89	2.98	ppb
Silver	107-1	2.33	2.37	2.37	2.36	0.99	ppb
Silver	109-1	2.30	2.32	2.40	2.34	2.39	ppb
Sodium	23-2	1122.43	1127.92	1114.92	1121.76	0.58	ppb
Strontium	86-1	2.25	2.14	2.39	2.26	5.50	ppb
Strontium	88-1	2.22	2.24	2.27	2.24	1.07	ppb
Sulfur	34-1	230.45	193.20	189.35	204.34	11.11	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	1.96	1.97	1.93	1.95	0.94	ppb
Thallium	205-1	1.93	1.96	1.94	1.94	0.85	ppb
Tin	118-1	0.10	0.05	0.03	0.06	60.36	ppb
Titanium	47-1	9.31	9.61	9.92	9.61	3.16	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BS	Instrumnet Name :	P7
Client Sample ID :	LCS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:09:23	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.83	1.84	1.80	1.82	1.20	ppb
Vanadium	51-2	10.79	10.97	10.97	10.91	0.94	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	10.86	11.18	10.97	11.00	1.48	ppb
Zirconium	90-1	2.17	2.30	2.32	2.26	3.59	ppb
Zirconium	91-1	2.32	2.27	2.34	2.31	1.70	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:12:42	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.70	21.35	23.33	22.46	4.49	ppb
Antimony	121-1	2.37	2.36	2.33	2.35	0.75	ppb
Arsenic	75-2	1.07	0.98	1.09	1.04	5.75	ppb
Barium	135-1	11.15	10.88	11.49	11.17	2.75	ppb
Barium	137-1	11.05	10.90	11.29	11.08	1.80	ppb
Beryllium	9-1	1.15	1.12	1.14	1.14	1.34	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.32	0.24	0.58	0.38	45.90	ppb
Cadmium	106-1	-0.88	-0.01	-0.69	-0.52		ppb
Cadmium	111-1	0.28	0.31	0.28	0.29	4.89	ppb
Calcium	43-1	566.28	583.32	587.07	578.89	1.91	ppb
Calcium	44-1	573.95	582.31	582.68	579.65	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.36	2.32	2.30	3.53	ppb
Cobalt	59-2	1.13	1.13	1.06	1.11	3.26	ppb
Copper	63-2	2.39	2.28	2.43	2.37	3.36	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				110		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	56-2	242.89	244.48	242.50	243.29	0.43	ppb
Iron	57-2	246.97	253.36	249.71	250.01	1.28	ppb
Iron	54-2	252.26	247.63	245.72	248.54	1.35	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:12:42	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.05	1.02	1.07	1.05	2.45	ppb
Lead	207-1	1.01	1.01	1.03	1.01	1.07	ppb
Lead	208-1	1.04	1.02	1.05	1.03	1.40	ppb
Lithium	6-1				116		%
Magnesium	24-2	623.72	618.36	615.92	619.33	0.64	ppb
Manganese	55-2	0.67	0.72	0.86	0.75	13.03	ppb
Molybdenum	94-1	6.57	6.73	6.68	6.66	1.28	ppb
Molybdenum	95-1	5.55	5.49	5.51	5.51	0.54	ppb
Molybdenum	96-1	5.71	5.56	5.63	5.63	1.33	ppb
Molybdenum	97-1	5.53	5.73	5.51	5.59	2.20	ppb
Molybdenum	98-1	5.57	5.59	5.52	5.56	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.16	1.03	1.10	5.97	ppb
Phosphorus	31-2	-15.33	-15.78	-10.74	-13.95		ppb
Potassium	39-2	622.67	623.57	621.47	622.57	0.17	ppb
Rhodium	103-1				113		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	5.62	5.12	5.49	5.41	4.83	ppb
Selenium	77-2	6.00	8.25	7.66	7.30	15.98	ppb
Selenium	78-2	6.68	5.69	4.89	5.75	15.58	ppb
Silicon	28-1	3.45	3.86	3.79	3.70	5.88	ppb
Silver	107-1	1.22	1.24	1.25	1.24	1.19	ppb
Silver	109-1	1.19	1.23	1.24	1.22	2.09	ppb
Sodium	23-2	585.50	588.96	585.13	586.53	0.36	ppb
Strontium	86-1	1.11	1.11	1.23	1.15	5.98	ppb
Strontium	88-1	1.15	1.15	1.18	1.16	1.43	ppb
Sulfur	34-1	43.25	230.71	191.53	155.16	63.73	ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	1.06	0.99	1.00	1.02	3.80	ppb
Thallium	205-1	1.03	1.00	1.03	1.02	1.28	ppb
Tin	118-1	0.02	0.03	0.02	0.03	23.70	ppb
Titanium	47-1	4.18	4.03	3.84	4.01	4.25	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:12:42	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.94	0.95	0.94	0.68	ppb
Vanadium	51-2	5.58	5.62	5.50	5.56	1.11	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	5.59	5.68	5.85	5.70	2.33	ppb
Zirconium	90-1	1.18	1.19	1.17	1.18	0.77	ppb
Zirconium	91-1	1.04	1.13	1.15	1.11	5.37	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BL	Instrumnet Name :	P7
Client Sample ID :	PBS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:16:13	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	-0.07	-0.18	-0.03		ppb
Antimony	121-1	-0.01	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	0.00	0.03	0.01	382.55	ppb
Barium	135-1	-0.01	0.00	-0.02	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	406.58	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.03	-0.03	-0.04		ppb
Cadmium	106-1	-0.81	-1.04	-1.59	-1.14		ppb
Cadmium	111-1	-0.01	-0.01	-0.02	-0.01		ppb
Calcium	43-1	-2.55	0.89	-0.27	-0.65		ppb
Calcium	44-1	-2.01	-1.01	-1.15	-1.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	-0.04	-0.02		ppb
Cobalt	59-2	-0.07	-0.08	-0.08	-0.07		ppb
Copper	63-2	-0.03	0.02	-0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				112		%
Iron	56-2	-9.91	-9.61	-9.71	-9.74		ppb
Iron	57-2	-8.10	-7.70	-7.29	-7.70		ppb
Iron	54-2	-11.11	-9.95	-10.86	-10.64		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BL	Instrumnet Name :	P7
Client Sample ID :	PBS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:16:13	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	-0.01	0.00		ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1				117		%
Magnesium	24-2	-1.91	-2.20	-1.85	-1.99		ppb
Manganese	55-2	-0.45	-0.43	-0.43	-0.44		ppb
Molybdenum	94-1	0.03	0.01	0.02	0.02	64.07	ppb
Molybdenum	95-1	0.00	0.00	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.11	-0.07	-0.09		ppb
Phosphorus	31-2	-19.94	-17.35	-14.91	-17.40		ppb
Potassium	39-2	1.15	3.22	1.32	1.90	60.61	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				117		%
Scandium	45-2				117		%
Selenium	82-1	-0.25	-0.21	-0.43	-0.30		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	0.47	1.22	0.45	173.69	ppb
Silicon	28-1	-0.12	0.08	-0.01	-0.01		ppb
Silver	107-1	0.01	0.01	0.01	0.01	41.91	ppb
Silver	109-1	0.02	0.01	0.01	0.01	42.49	ppb
Sodium	23-2	1.73	3.13	2.42	2.43	28.85	ppb
Strontium	86-1	-0.02	-0.02	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	73.67	107.49	111.86	97.67	21.40	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.00	0.00	131.72	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.02	0.03	0.02	79.30	ppb
Titanium	47-1	-1.36	-1.38	-1.42	-1.39		ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BL	Instrumnet Name :	P7
Client Sample ID :	PBS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:16:13	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	563.65	ppb
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	-0.03	0.10	-0.01	0.02	313.73	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	190.99	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	81.46	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BS	Instrumnet Name :	P7
Client Sample ID :	LCS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:19:32	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.34	43.64	41.85	43.61	3.99	ppb
Antimony	121-1	4.41	4.49	4.54	4.48	1.47	ppb
Arsenic	75-2	2.42	2.03	1.99	2.15	11.19	ppb
Barium	135-1	20.93	21.14	21.74	21.27	1.97	ppb
Barium	137-1	21.13	21.31	21.31	21.25	0.49	ppb
Beryllium	9-1	2.27	2.21	2.36	2.28	3.51	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.27	1.60	1.26	1.37	14.13	ppb
Cadmium	106-1	0.89	-0.08	0.46	0.42	115.44	ppb
Cadmium	111-1	1.39	1.41	1.45	1.42	2.33	ppb
Calcium	43-1	1107.08	1130.14	1112.19	1116.47	1.08	ppb
Calcium	44-1	1109.03	1108.88	1131.37	1116.43	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.82	4.51	4.74	4.69	3.44	ppb
Cobalt	59-2	2.22	2.20	2.18	2.20	1.05	ppb
Copper	63-2	4.63	4.51	4.63	4.59	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	478.50	474.86	471.27	474.88	0.76	ppb
Iron	57-2	485.24	476.24	473.35	478.27	1.30	ppb
Iron	54-2	487.71	482.71	481.05	483.82	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BS	Instrumnet Name :	P7
Client Sample ID :	LCS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:19:32	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.03	1.96	1.96	1.98	2.04	ppb
Lead	207-1	1.94	1.92	2.01	1.96	2.55	ppb
Lead	208-1	1.99	1.94	2.01	1.98	1.64	ppb
Lithium	6-1				115		%
Magnesium	24-2	1191.03	1205.45	1187.36	1194.61	0.80	ppb
Manganese	55-2	1.83	1.76	1.81	1.80	2.13	ppb
Molybdenum	94-1	12.72	12.71	12.83	12.75	0.50	ppb
Molybdenum	95-1	10.71	10.62	10.79	10.71	0.78	ppb
Molybdenum	96-1	10.93	10.88	11.18	11.00	1.44	ppb
Molybdenum	97-1	10.72	10.73	10.67	10.71	0.32	ppb
Molybdenum	98-1	10.62	10.83	10.70	10.72	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.34	2.29	2.15	2.26	4.39	ppb
Phosphorus	31-2	-16.26	-15.23	-14.77	-15.42		ppb
Potassium	39-2	1182.40	1172.18	1175.02	1176.53	0.45	ppb
Rhodium	103-1				112		%
Rhodium	103-2				112		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	11.16	10.89	11.47	11.17	2.60	ppb
Selenium	77-2	8.76	14.53	11.15	11.48	25.27	ppb
Selenium	78-2	11.79	10.85	12.63	11.76	7.60	ppb
Silicon	28-1	6.84	6.99	7.19	7.00	2.52	ppb
Silver	107-1	2.28	2.29	2.37	2.31	2.21	ppb
Silver	109-1	2.26	2.32	2.32	2.30	1.46	ppb
Sodium	23-2	1124.82	1121.77	1110.36	1118.98	0.68	ppb
Strontium	86-1	2.31	2.17	2.19	2.22	3.54	ppb
Strontium	88-1	2.24	2.21	2.32	2.26	2.47	ppb
Sulfur	34-1	159.90	117.65	206.27	161.28	27.48	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	1.98	1.93	1.99	1.97	1.39	ppb
Thallium	205-1	1.88	1.93	1.94	1.92	1.74	ppb
Tin	118-1	0.03	0.03	0.05	0.04	21.47	ppb
Titanium	47-1	9.51	9.52	9.20	9.41	1.98	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BS	Instrumnet Name :	P7
Client Sample ID :	LCS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:19:32	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.79	1.82	1.83	1.82	1.20	ppb
Vanadium	51-2	10.82	10.90	10.92	10.88	0.46	ppb
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	10.65	11.30	11.15	11.03	3.07	ppb
Zirconium	90-1	2.33	2.24	2.29	2.29	1.91	ppb
Zirconium	91-1	2.24	2.29	2.30	2.28	1.38	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:22:50	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.06	22.17	23.52	22.58	3.60	ppb
Antimony	121-1	2.36	2.35	2.32	2.34	0.84	ppb
Arsenic	75-2	1.16	0.98	1.02	1.05	9.10	ppb
Barium	135-1	10.71	11.02	11.15	10.96	2.02	ppb
Barium	137-1	10.84	11.09	10.90	10.94	1.19	ppb
Beryllium	9-1	1.17	1.14	1.23	1.18	4.20	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.19	0.33	0.27	25.84	ppb
Cadmium	106-1	0.40	0.56	-0.68	0.09	717.28	ppb
Cadmium	111-1	0.33	0.34	0.29	0.32	7.97	ppb
Calcium	43-1	565.24	563.90	571.30	566.81	0.70	ppb
Calcium	44-1	567.31	571.96	578.61	572.63	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.20	2.31	2.25	2.41	ppb
Cobalt	59-2	1.06	1.12	1.09	1.09	2.59	ppb
Copper	63-2	2.37	2.35	2.34	2.35	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				110		%
Holmium	165-2				110		%
Indium	115-1				111		%
Indium	115-2				113		%
Iron	56-2	237.73	241.42	239.47	239.54	0.77	ppb
Iron	57-2	242.49	237.65	252.87	244.33	3.18	ppb
Iron	54-2	243.64	238.39	247.66	243.23	1.91	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:22:50	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.01	1.01	0.99	1.00	0.90	ppb
Lead	207-1	0.97	1.02	1.02	1.00	3.07	ppb
Lead	208-1	1.03	1.03	1.02	1.02	0.41	ppb
Lithium	6-1				117		%
Magnesium	24-2	605.82	609.57	610.73	608.71	0.42	ppb
Manganese	55-2	0.67	0.75	0.70	0.71	5.81	ppb
Molybdenum	94-1	6.57	6.65	6.62	6.61	0.64	ppb
Molybdenum	95-1	5.47	5.45	5.53	5.48	0.73	ppb
Molybdenum	96-1	5.39	5.41	5.46	5.42	0.61	ppb
Molybdenum	97-1	5.47	5.48	5.68	5.55	2.15	ppb
Molybdenum	98-1	5.44	5.55	5.62	5.54	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.11	1.08	1.10	1.42	ppb
Phosphorus	31-2	-13.48	-17.36	-19.88	-16.90		ppb
Potassium	39-2	603.59	603.14	607.60	604.78	0.41	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				117		%
Selenium	82-1	5.64	5.04	5.95	5.54	8.36	ppb
Selenium	77-2	3.72	5.27	6.44	5.14	26.53	ppb
Selenium	78-2	7.36	5.51	5.24	6.03	19.13	ppb
Silicon	28-1	3.56	3.34	3.62	3.51	4.24	ppb
Silver	107-1	1.15	1.27	1.24	1.22	4.82	ppb
Silver	109-1	1.16	1.23	1.19	1.19	2.82	ppb
Sodium	23-2	571.23	576.91	576.02	574.72	0.53	ppb
Strontium	86-1	1.12	1.21	1.15	1.16	3.71	ppb
Strontium	88-1	1.14	1.15	1.15	1.15	0.36	ppb
Sulfur	34-1	239.40	76.19	75.89	130.49	72.28	ppb
Terbium	159-1				110		%
Terbium	159-2				110		%
Thallium	203-1	0.97	0.98	1.00	0.98	1.81	ppb
Thallium	205-1	1.00	1.00	1.00	1.00	0.31	ppb
Tin	118-1	0.03	0.02	0.01	0.02	46.89	ppb
Titanium	47-1	4.36	4.45	4.26	4.36	2.14	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:22:50	DataFile Name :	029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.93	0.92	0.92	0.62	ppb
Vanadium	51-2	5.52	5.52	5.38	5.47	1.49	ppb
Yttrium	89-1				112		%
Yttrium	89-2				114		%
Zinc	66-2	5.83	5.94	6.01	5.93	1.53	ppb
Zirconium	90-1	1.16	1.18	1.16	1.17	0.95	ppb
Zirconium	91-1	1.10	1.21	1.11	1.14	5.35	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:37:37	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45653.20	45336.97	44374.30	45121.49	1.48	ppb
Antimony	121-1	1.36	1.38	1.33	1.36	1.85	ppb
Arsenic	75-2	117.88	116.96	117.50	117.45	0.39	ppb
Barium	135-1	361.11	365.83	363.09	363.34	0.65	ppb
Barium	137-1	360.28	364.70	365.98	363.65	0.82	ppb
Beryllium	9-1	1.49	1.61	1.69	1.60	6.48	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.44	2.53	2.65	2.54	4.10	ppb
Cadmium	106-1	4.02	2.03	2.86	2.97	33.73	ppb
Cadmium	111-1	2.30	2.24	2.23	2.26	1.66	ppb
Calcium	43-1	16960.39	16975.32	17098.75	17011.49	0.45	ppb
Calcium	44-1	15691.08	15775.40	15883.44	15783.30	0.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.46	48.65	48.44	48.85	1.10	ppb
Cobalt	59-2	44.11	43.34	43.38	43.61	0.99	ppb
Copper	63-2	188.15	187.40	186.83	187.46	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				113		%
Holmium	165-2				112		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	107793.50	108434.47	107127.63	107785.20	0.61	ppb
Iron	57-2	108660.54	105957.18	105654.07	106757.26	1.55	ppb
Iron	54-2	108193.46	107693.12	107355.78	107747.45	0.39	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:37:37	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	87.17	88.10	88.50	87.92	0.78	ppb
Lead	207-1	89.32	89.00	90.19	89.51	0.69	ppb
Lead	208-1	87.88	88.37	89.10	88.45	0.69	ppb
Lithium	6-1				116		%
Magnesium	24-2	18226.65	18047.92	17815.52	18030.03	1.14	ppb
Manganese	55-2	1877.32	1860.68	1847.08	1861.69	0.81	ppb
Molybdenum	94-1	17.03	17.36	17.33	17.24	1.05	ppb
Molybdenum	95-1	0.99	1.05	0.99	1.01	3.17	ppb
Molybdenum	96-1	3.43	3.49	3.45	3.46	0.94	ppb
Molybdenum	97-1	0.93	1.02	1.07	1.01	6.84	ppb
Molybdenum	98-1	0.96	0.93	1.04	0.98	5.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.08	42.90	42.93	43.30	1.55	ppb
Phosphorus	31-2	2247.76	2253.36	2256.44	2252.52	0.20	ppb
Potassium	39-2	6547.36	6590.69	6400.77	6512.94	1.53	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				120		%
Scandium	45-2				118		%
Selenium	82-1	1.27	1.93	2.04	1.75	23.84	ppb
Selenium	77-2	17.99	15.50	14.88	16.12	10.22	ppb
Selenium	78-2	3.90	2.53	3.65	3.36	21.62	ppb
Silicon	28-1	1861.65	1860.47	1874.05	1865.39	0.40	ppb
Silver	107-1	0.62	0.60	0.61	0.61	1.25	ppb
Silver	109-1	0.62	0.57	0.60	0.60	3.94	ppb
Sodium	23-2	207.88	213.45	212.10	211.14	1.38	ppb
Strontium	86-1	76.26	76.29	77.10	76.55	0.63	ppb
Strontium	88-1	75.44	76.42	76.78	76.21	0.91	ppb
Sulfur	34-1	-260.92	-343.39	-314.12	-306.14		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.34	0.35	0.38	0.36	5.47	ppb
Thallium	205-1	0.30	0.34	0.38	0.34	11.40	ppb
Tin	118-1	1.66	1.69	1.65	1.67	1.09	ppb
Titanium	47-1	1204.92	1204.64	1219.83	1209.80	0.72	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:37:37	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.80	0.83	0.82	2.31	ppb
Vanadium	51-2	197.27	195.76	194.21	195.75	0.78	ppb
Yttrium	89-1				122		%
Yttrium	89-2				118		%
Zinc	66-2	374.09	374.54	369.36	372.66	0.77	ppb
Zirconium	90-1	9.03	9.19	9.18	9.13	0.99	ppb
Zirconium	91-1	9.04	9.06	9.33	9.14	1.76	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:40:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45618.23	46045.80	45962.60	45875.55	0.49	ppb
Antimony	121-1	1.25	1.27	1.31	1.28	2.63	ppb
Arsenic	75-2	117.91	118.01	117.57	117.83	0.20	ppb
Barium	135-1	364.63	362.77	366.42	364.61	0.50	ppb
Barium	137-1	366.43	367.37	370.10	367.96	0.52	ppb
Beryllium	9-1	1.58	1.56	1.62	1.58	1.98	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.30	2.29	2.25	2.61	22.75	ppb
Cadmium	106-1	2.63	2.65	2.22	2.50	9.71	ppb
Cadmium	111-1	2.37	2.31	2.33	2.34	1.36	ppb
Calcium	43-1	17204.35	17418.15	17575.02	17399.17	1.07	ppb
Calcium	44-1	15880.24	15930.24	16191.90	16000.79	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.13	48.92	48.62	48.89	0.52	ppb
Cobalt	59-2	44.71	43.96	44.56	44.41	0.89	ppb
Copper	63-2	192.50	189.21	190.43	190.71	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	111332.65	109321.18	110012.02	110221.95	0.93	ppb
Iron	57-2	109843.13	108245.62	109689.39	109259.38	0.81	ppb
Iron	54-2	109794.13	109742.62	108789.05	109441.93	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:40:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.02	88.45	88.60	88.36	0.34	ppb
Lead	207-1	89.25	90.59	89.77	89.87	0.75	ppb
Lead	208-1	88.43	89.15	89.09	88.89	0.45	ppb
Lithium	6-1				115		%
Magnesium	24-2	18406.75	18233.40	18379.69	18339.95	0.51	ppb
Manganese	55-2	1933.16	1893.41	1913.89	1913.49	1.04	ppb
Molybdenum	94-1	16.94	17.32	17.34	17.20	1.31	ppb
Molybdenum	95-1	0.98	0.99	0.95	0.98	2.04	ppb
Molybdenum	96-1	3.43	3.39	3.51	3.44	1.72	ppb
Molybdenum	97-1	0.95	1.02	1.00	0.99	3.88	ppb
Molybdenum	98-1	0.92	0.93	0.96	0.94	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.15	43.08	43.32	43.19	0.29	ppb
Phosphorus	31-2	2315.20	2219.94	2322.36	2285.83	2.50	ppb
Potassium	39-2	6767.31	6691.79	6736.36	6731.82	0.56	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	1.03	1.41	1.91	1.45	30.75	ppb
Selenium	77-2	16.03	15.60	9.95	13.86	24.49	ppb
Selenium	78-2	4.22	3.43	5.51	4.39	23.89	ppb
Silicon	28-1	1856.42	1873.53	1874.21	1868.05	0.54	ppb
Silver	107-1	0.62	0.62	0.64	0.62	1.52	ppb
Silver	109-1	0.59	0.60	0.62	0.60	2.86	ppb
Sodium	23-2	229.74	226.61	233.00	229.78	1.39	ppb
Strontium	86-1	76.86	78.32	78.89	78.02	1.34	ppb
Strontium	88-1	76.95	78.88	78.15	77.99	1.25	ppb
Sulfur	34-1	-458.72	-526.26	-545.51	-510.17		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.33	0.35	0.34	0.34	2.71	ppb
Thallium	205-1	0.34	0.33	0.34	0.34	1.01	ppb
Tin	118-1	1.76	1.71	1.85	1.77	4.16	ppb
Titanium	47-1	1226.72	1239.68	1245.23	1237.21	0.77	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:40:49	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.83	0.84	0.83	0.77	ppb
Vanadium	51-2	198.61	197.22	197.46	197.77	0.38	ppb
Yttrium	89-1				119		%
Yttrium	89-2				117		%
Zinc	66-2	377.84	373.21	377.62	376.22	0.69	ppb
Zirconium	90-1	9.15	9.14	9.33	9.21	1.13	ppb
Zirconium	91-1	9.11	9.43	9.39	9.31	1.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 13:43:58	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9371.33	9155.99	9476.69	9334.67	1.75	ppb
Antimony	121-1	0.26	0.25	0.27	0.26	3.52	ppb
Arsenic	75-2	24.91	24.33	24.36	24.54	1.33	ppb
Barium	135-1	70.87	68.99	72.56	70.81	2.52	ppb
Barium	137-1	70.37	71.28	73.00	71.55	1.87	ppb
Beryllium	9-1	0.36	0.32	0.26	0.31	16.53	ppb
Bismuth	209-1				110		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.61	0.80	0.59	38.84	ppb
Cadmium	106-1	-1.54	-0.85	-1.55	-1.31		ppb
Cadmium	111-1	0.40	0.39	0.44	0.41	5.74	ppb
Calcium	43-1	3354.55	3449.54	3551.26	3451.78	2.85	ppb
Calcium	44-1	3373.39	3444.54	3473.22	3430.38	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.96	9.66	9.78	9.80	1.53	ppb
Cobalt	59-2	9.02	8.68	8.87	8.86	1.91	ppb
Copper	63-2	38.94	37.67	38.96	38.52	1.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	21865.52	21448.23	22037.94	21783.90	1.39	ppb
Iron	57-2	23154.47	22479.71	23329.04	22987.74	1.95	ppb
Iron	54-2	22287.00	21309.62	21975.55	21857.39	2.28	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 13:43:58	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	17.20	16.82	16.91	16.97	1.17	ppb
Lead	207-1	17.08	17.71	17.36	17.38	1.84	ppb
Lead	208-1	16.89	17.34	17.23	17.15	1.38	ppb
Lithium	6-1				112		%
Magnesium	24-2	3746.57	3657.71	3791.95	3732.08	1.83	ppb
Manganese	55-2	390.41	381.34	392.89	388.22	1.57	ppb
Molybdenum	94-1	3.44	3.69	3.62	3.58	3.56	ppb
Molybdenum	95-1	0.20	0.20	0.21	0.20	2.41	ppb
Molybdenum	96-1	0.67	0.67	0.72	0.68	4.41	ppb
Molybdenum	97-1	0.17	0.20	0.21	0.19	9.35	ppb
Molybdenum	98-1	0.19	0.19	0.21	0.20	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.76	8.49	8.99	8.75	2.88	ppb
Phosphorus	31-2	420.35	448.59	458.78	442.57	4.50	ppb
Potassium	39-2	1409.27	1377.67	1439.51	1408.82	2.20	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	-0.25	-0.29	0.40	-0.05		ppb
Selenium	77-2	4.25	3.40	4.28	3.97	12.46	ppb
Selenium	78-2	-0.82	0.43	0.00	-0.13		ppb
Silicon	28-1	373.71	372.70	375.55	373.99	0.39	ppb
Silver	107-1	0.12	0.12	0.13	0.12	3.60	ppb
Silver	109-1	0.13	0.12	0.13	0.13	5.50	ppb
Sodium	23-2	65.23	62.88	66.31	64.81	2.71	ppb
Strontium	86-1	15.31	16.09	15.60	15.67	2.52	ppb
Strontium	88-1	15.31	16.02	16.10	15.81	2.76	ppb
Sulfur	34-1	-724.57	-539.77	-617.44	-627.26		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.06	0.07	0.06	0.06	10.64	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	4.06	ppb
Tin	118-1	0.36	0.35	0.36	0.36	1.77	ppb
Titanium	47-1	238.03	242.61	243.56	241.40	1.23	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 13:43:58	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.16	0.17	0.16	4.68	ppb
Vanadium	51-2	39.77	39.30	39.86	39.64	0.76	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	76.82	74.15	78.33	76.43	2.77	ppb
Zirconium	90-1	1.82	1.84	1.90	1.85	2.27	ppb
Zirconium	91-1	1.85	1.96	1.86	1.89	3.08	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48762.89	48898.57	49150.15	48937.20	0.40	ppb
Antimony	121-1	64.42	64.85	65.36	64.87	0.73	ppb
Arsenic	75-2	146.05	149.08	146.56	147.23	1.10	ppb
Barium	135-1	1636.27	1655.89	1663.19	1651.78	0.84	ppb
Barium	137-1	1615.76	1670.10	1647.39	1644.41	1.66	ppb
Beryllium	9-1	33.00	33.91	33.82	33.58	1.50	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	31.66	30.94	32.55	31.72	2.53	ppb
Cadmium	106-1	29.00	30.41	31.31	30.24	3.85	ppb
Cadmium	111-1	32.60	33.29	33.17	33.02	1.11	ppb
Calcium	43-1	18019.02	18028.23	18211.83	18086.36	0.60	ppb
Calcium	44-1	16631.37	16858.00	16819.08	16769.48	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	171.92	172.86	171.75	172.18	0.35	ppb
Cobalt	59-2	346.42	349.54	347.22	347.73	0.47	ppb
Copper	63-2	342.86	346.05	344.06	344.32	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				112		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	115708.24	116599.15	116766.49	116357.96	0.49	ppb
Iron	57-2	115047.20	114774.47	116124.83	115315.50	0.62	ppb
Iron	54-2	115364.33	116330.10	116707.80	116134.07	0.60	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	102.91	104.64	107.27	104.94	2.09	ppb
Lead	207-1	105.36	106.36	109.09	106.94	1.81	ppb
Lead	208-1	104.21	105.39	108.17	105.92	1.92	ppb
Lithium	6-1				111		%
Magnesium	24-2	19051.33	19317.74	19139.94	19169.67	0.71	ppb
Manganese	55-2	2270.44	2309.80	2295.51	2291.91	0.87	ppb
Molybdenum	94-1	18.19	18.34	18.34	18.29	0.46	ppb
Molybdenum	95-1	1.05	1.05	1.08	1.06	1.69	ppb
Molybdenum	96-1	3.57	3.79	3.66	3.68	3.04	ppb
Molybdenum	97-1	1.12	1.06	1.10	1.09	2.62	ppb
Molybdenum	98-1	1.03	1.00	1.04	1.02	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	346.90	349.44	347.67	348.00	0.38	ppb
Phosphorus	31-2	2364.14	2421.78	2361.39	2382.44	1.43	ppb
Potassium	39-2	7065.75	6995.69	6929.21	6996.89	0.98	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	64.38	63.99	65.33	64.57	1.07	ppb
Selenium	77-2	68.82	76.60	74.19	73.20	5.44	ppb
Selenium	78-2	58.23	65.80	69.43	64.48	8.86	ppb
Silicon	28-1	1946.66	1933.42	1975.81	1951.96	1.11	ppb
Silver	107-1	32.51	33.18	33.09	32.93	1.12	ppb
Silver	109-1	32.33	33.18	32.98	32.83	1.37	ppb
Sodium	23-2	232.33	242.20	239.87	238.13	2.17	ppb
Strontium	86-1	80.80	81.87	81.65	81.44	0.69	ppb
Strontium	88-1	81.37	82.42	81.10	81.63	0.85	ppb
Sulfur	34-1	-516.38	-562.08	-537.73	-538.73		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	28.67	28.68	29.43	28.93	1.51	ppb
Thallium	205-1	28.44	28.98	29.33	28.91	1.55	ppb
Tin	118-1	1.77	1.78	1.77	1.77	0.35	ppb
Titanium	47-1	1280.29	1286.44	1295.73	1287.49	0.60	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.85	0.89	0.87	2.18	ppb
Vanadium	51-2	504.97	506.44	506.77	506.06	0.19	ppb
Yttrium	89-1				118		%
Yttrium	89-2				115		%
Zinc	66-2	690.77	695.30	694.13	693.40	0.34	ppb
Zirconium	90-1	9.49	9.92	9.84	9.75	2.35	ppb
Zirconium	91-1	9.70	10.09	9.76	9.85	2.13	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:50:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50576.59	51035.02	51204.73	50938.78	0.64	ppb
Antimony	121-1	314.12	318.02	317.67	316.60	0.68	ppb
Arsenic	75-2	226.42	225.99	223.75	225.39	0.64	ppb
Barium	135-1	6355.77	6348.61	6367.69	6357.35	0.15	ppb
Barium	137-1	6312.03	6343.08	6372.62	6342.58	0.48	ppb
Beryllium	9-1	150.90	154.30	153.06	152.75	1.13	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.48	140.99	138.52	140.00	0.93	ppb
Cadmium	106-1	134.39	138.91	138.98	137.43	1.91	ppb
Cadmium	111-1	150.53	151.10	152.65	151.43	0.72	ppb
Calcium	43-1	17654.43	17659.77	17781.07	17698.42	0.40	ppb
Calcium	44-1	16453.18	16242.89	16516.48	16404.18	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	605.84	613.59	606.94	608.79	0.69	ppb
Cobalt	59-2	1448.33	1481.70	1453.98	1461.34	1.22	ppb
Copper	63-2	872.91	883.68	860.83	872.47	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	114624.38	115867.31	114456.11	114982.60	0.67	ppb
Iron	57-2	114297.22	116617.01	112736.52	114550.25	1.70	ppb
Iron	54-2	115321.54	116585.05	114902.31	115602.97	0.76	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:50:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	145.05	147.06	147.21	146.44	0.82	ppb
Lead	207-1	145.90	146.58	147.77	146.75	0.65	ppb
Lead	208-1	153.88	153.71	155.67	154.42	0.71	ppb
Lithium	6-1				109		%
Magnesium	24-2	18361.22	18330.05	18248.69	18313.32	0.32	ppb
Manganese	55-2	3277.14	3358.07	3317.83	3317.68	1.22	ppb
Molybdenum	94-1	17.80	17.80	17.98	17.86	0.60	ppb
Molybdenum	95-1	1.08	1.07	1.11	1.09	1.92	ppb
Molybdenum	96-1	3.58	3.66	3.72	3.65	1.89	ppb
Molybdenum	97-1	1.02	1.06	0.99	1.02	3.37	ppb
Molybdenum	98-1	1.05	1.03	1.03	1.04	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1468.31	1482.73	1468.73	1473.25	0.56	ppb
Phosphorus	31-2	2343.36	2341.91	2293.87	2326.38	1.21	ppb
Potassium	39-2	6724.62	6805.60	6842.99	6791.07	0.89	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	323.24	324.72	327.20	325.05	0.62	ppb
Selenium	77-2	323.80	324.49	318.27	322.19	1.06	ppb
Selenium	78-2	303.38	319.13	309.23	310.58	2.56	ppb
Silicon	28-1	1900.70	1903.57	1896.15	1900.14	0.20	ppb
Silver	107-1	119.75	123.09	126.19	123.01	2.62	ppb
Silver	109-1	122.46	121.27	129.17	124.30	3.43	ppb
Sodium	23-2	233.85	236.52	235.17	235.18	0.57	ppb
Strontium	86-1	78.31	79.85	79.94	79.37	1.16	ppb
Strontium	88-1	78.89	80.82	78.62	79.44	1.51	ppb
Sulfur	34-1	-603.11	-637.77	-638.94	-626.60		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	139.75	139.70	140.47	139.97	0.31	ppb
Thallium	205-1	151.36	152.23	154.63	152.74	1.11	ppb
Tin	118-1	1.72	1.67	1.75	1.71	2.25	ppb
Titanium	47-1	1252.08	1265.63	1266.00	1261.24	0.63	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:50:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.85	0.84	0.84	1.38	ppb
Vanadium	51-2	1560.65	1601.14	1570.36	1577.38	1.34	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	1764.50	1792.36	1777.69	1778.18	0.78	ppb
Zirconium	90-1	9.46	9.57	9.45	9.49	0.71	ppb
Zirconium	91-1	9.56	9.60	9.77	9.65	1.17	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-04	Instrumnet Name :	P7
Client Sample ID :	MYD4M3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:53:51	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30574.26	30692.55	30003.32	30423.37	1.21	ppb
Antimony	121-1	2.53	2.53	2.66	2.57	2.93	ppb
Arsenic	75-2	130.45	129.37	129.97	129.93	0.42	ppb
Barium	135-1	266.99	268.58	271.47	269.01	0.84	ppb
Barium	137-1	267.77	269.90	272.98	270.22	0.97	ppb
Beryllium	9-1	1.40	1.49	1.30	1.39	6.86	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.39	2.22	2.48	2.36	5.59	ppb
Cadmium	106-1	0.88	3.00	1.10	1.66	70.28	ppb
Cadmium	111-1	2.29	2.14	2.19	2.21	3.51	ppb
Calcium	43-1	11331.19	11500.70	11563.44	11465.11	1.05	ppb
Calcium	44-1	10523.97	10608.74	10622.40	10585.04	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.74	51.38	50.40	50.84	0.98	ppb
Cobalt	59-2	38.15	38.21	37.67	38.01	0.78	ppb
Copper	63-2	157.48	159.51	157.88	158.29	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	94946.12	96173.38	93993.44	95037.65	1.15	ppb
Iron	57-2	92725.98	95018.78	93040.62	93595.13	1.33	ppb
Iron	54-2	95131.67	95375.82	93907.08	94804.86	0.83	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-04	Instrumnet Name :	P7
Client Sample ID :	MYD4M3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:53:51	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	101.99	100.88	101.41	101.43	0.54	ppb
Lead	207-1	104.66	103.93	103.99	104.19	0.39	ppb
Lead	208-1	102.90	102.43	102.76	102.70	0.24	ppb
Lithium	6-1				108		%
Magnesium	24-2	13082.81	13356.39	13039.44	13159.54	1.31	ppb
Manganese	55-2	1534.32	1535.37	1513.50	1527.73	0.81	ppb
Molybdenum	94-1	13.99	14.22	14.22	14.14	0.97	ppb
Molybdenum	95-1	1.74	1.82	1.81	1.79	2.43	ppb
Molybdenum	96-1	3.67	3.59	3.82	3.69	3.12	ppb
Molybdenum	97-1	1.72	1.75	1.77	1.75	1.36	ppb
Molybdenum	98-1	1.72	1.76	1.75	1.74	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.83	42.34	42.42	42.53	0.61	ppb
Phosphorus	31-2	2761.63	2772.80	2794.03	2776.15	0.59	ppb
Potassium	39-2	7776.46	7826.34	7573.38	7725.39	1.73	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	82-1	1.30	1.31	1.44	1.35	5.97	ppb
Selenium	77-2	21.53	14.96	15.18	17.22	21.65	ppb
Selenium	78-2	2.65	1.97	2.35	2.33	14.59	ppb
Silicon	28-1	1144.85	1157.35	1163.11	1155.10	0.81	ppb
Silver	107-1	0.73	0.72	0.64	0.69	6.73	ppb
Silver	109-1	0.74	0.68	0.68	0.70	4.91	ppb
Sodium	23-2	217.45	218.77	220.52	218.91	0.70	ppb
Strontium	86-1	60.12	61.33	62.52	61.32	1.96	ppb
Strontium	88-1	61.03	61.38	62.67	61.69	1.39	ppb
Sulfur	34-1	-564.07	-599.05	-564.68	-575.93		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.37	0.37	0.35	0.36	3.97	ppb
Thallium	205-1	0.37	0.35	0.33	0.35	4.54	ppb
Tin	118-1	1.75	1.73	1.69	1.72	1.80	ppb
Titanium	47-1	1267.07	1299.22	1302.08	1289.45	1.51	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-04	Instrumnet Name :	P7
Client Sample ID :	MYD4M3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:53:51	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.16	1.14	1.13	1.14	1.52	ppb
Vanadium	51-2	163.50	164.70	163.00	163.73	0.54	ppb
Yttrium	89-1				114		%
Yttrium	89-2				112		%
Zinc	66-2	398.25	399.13	398.28	398.55	0.13	ppb
Zirconium	90-1	7.00	7.11	7.16	7.09	1.10	ppb
Zirconium	91-1	7.00	7.30	7.29	7.20	2.33	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:57:01	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48824.28	48540.43	47749.58	48371.43	1.15	ppb
Antimony	121-1	498.42	498.48	510.23	502.38	1.35	ppb
Arsenic	75-2	475.34	475.39	467.25	472.66	0.99	ppb
Barium	135-1	2519.06	2559.67	2559.75	2546.16	0.92	ppb
Barium	137-1	2519.72	2554.85	2585.87	2553.48	1.30	ppb
Beryllium	9-1	501.24	504.09	507.69	504.34	0.64	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	489.25	488.36	496.98	491.53	0.96	ppb
Cadmium	106-1	491.72	492.03	495.23	493.00	0.39	ppb
Cadmium	111-1	481.20	487.27	492.65	487.04	1.18	ppb
Calcium	43-1	255212.92	257383.33	257728.24	256774.83	0.53	ppb
Calcium	44-1	249526.11	254099.48	254451.40	252692.33	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.27	496.27	494.58	496.71	0.48	ppb
Cobalt	59-2	484.14	482.67	479.54	482.12	0.49	ppb
Copper	63-2	4759.99	4732.25	4680.47	4724.24	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	130063.82	129154.94	129765.33	129661.36	0.36	ppb
Iron	57-2	131054.60	130213.27	130555.81	130607.89	0.32	ppb
Iron	54-2	128796.78	128837.03	128565.57	128733.12	0.11	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:57:01	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2597.78	2587.66	2559.03	2581.49	0.78	ppb
Lead	207-1	2583.73	2578.31	2533.50	2565.18	1.07	ppb
Lead	208-1	2583.62	2590.20	2559.70	2577.84	0.62	ppb
Lithium	6-1				103		%
Magnesium	24-2	243232.84	242177.43	239158.83	241523.03	0.88	ppb
Manganese	55-2	4850.45	4850.80	4817.28	4839.51	0.40	ppb
Molybdenum	94-1	5097.19	5089.70	5158.80	5115.23	0.74	ppb
Molybdenum	95-1	5063.52	5092.47	5128.00	5094.67	0.63	ppb
Molybdenum	96-1	5059.93	5113.87	5115.94	5096.58	0.62	ppb
Molybdenum	97-1	5082.48	5069.72	5132.32	5094.84	0.65	ppb
Molybdenum	98-1	5112.40	5090.68	5137.95	5113.68	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.32	473.03	476.25	475.87	0.56	ppb
Phosphorus	31-2	9505.91	9435.04	9414.60	9451.85	0.51	ppb
Potassium	39-2	123437.19	123026.32	122816.79	123093.44	0.26	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	482.55	486.90	494.91	488.12	1.29	ppb
Selenium	77-2	467.84	466.39	471.71	468.65	0.59	ppb
Selenium	78-2	462.36	469.53	453.95	461.95	1.69	ppb
Silicon	28-1	630.73	633.53	628.82	631.03	0.38	ppb
Silver	107-1	496.40	494.20	496.47	495.69	0.26	ppb
Silver	109-1	489.59	490.53	493.20	491.11	0.38	ppb
Sodium	23-2	248418.32	247227.06	244542.94	246729.44	0.80	ppb
Strontium	86-1	12564.09	12619.66	12733.70	12639.15	0.68	ppb
Strontium	88-1	12726.42	12599.06	12762.68	12696.05	0.68	ppb
Sulfur	34-1	9831.93	9915.40	9999.94	9915.75	0.85	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	517.74	520.41	522.66	520.27	0.47	ppb
Thallium	205-1	524.64	516.39	516.04	519.03	0.94	ppb
Tin	118-1	498.77	501.67	496.26	498.90	0.54	ppb
Titanium	47-1	5022.66	5147.18	5117.91	5095.92	1.28	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:57:01	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	519.32	520.49	522.28	520.69	0.29	ppb
Vanadium	51-2	500.19	497.09	493.59	496.96	0.66	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	4709.44	4648.05	4608.28	4655.25	1.09	ppb
Zirconium	90-1	506.12	512.02	510.94	509.69	0.62	ppb
Zirconium	91-1	511.32	514.86	517.54	514.58	0.61	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:00:29	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.68	2.32	1.87	1.96	16.81	ppb
Antimony	121-1	0.43	0.44	0.51	0.46	9.54	ppb
Arsenic	75-2	0.06	0.08	0.03	0.06	41.43	ppb
Barium	135-1	0.16	0.11	0.07	0.11	39.23	ppb
Barium	137-1	0.10	0.10	0.11	0.10	2.25	ppb
Beryllium	9-1	0.12	0.15	0.11	0.13	13.01	ppb
Bismuth	209-1				112		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.11	-0.06	0.04	233.71	ppb
Cadmium	106-1	-0.86	-1.07	-1.23	-1.05		ppb
Cadmium	111-1	0.05	0.04	0.02	0.04	40.84	ppb
Calcium	43-1	9.50	9.05	6.54	8.37	19.07	ppb
Calcium	44-1	8.27	6.58	4.66	6.50	27.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.04	0.01	-0.01		ppb
Cobalt	59-2	-0.04	-0.04	-0.05	-0.04		ppb
Copper	63-2	0.28	0.30	0.30	0.29	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	-3.91	-3.96	-4.08	-3.98		ppb
Iron	57-2	-1.37	-3.53	-0.93	-1.94		ppb
Iron	54-2	-4.84	-5.71	-5.59	-5.38		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:00:29	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.18	0.14	0.17	18.06	ppb
Lead	207-1	0.18	0.15	0.13	0.15	14.51	ppb
Lead	208-1	0.18	0.16	0.14	0.16	13.78	ppb
Lithium	6-1				110		%
Magnesium	24-2	5.25	4.84	5.43	5.17	5.81	ppb
Manganese	55-2	-0.22	-0.25	-0.24	-0.23		ppb
Molybdenum	94-1	0.73	0.68	0.61	0.67	8.52	ppb
Molybdenum	95-1	0.38	0.36	0.36	0.37	3.27	ppb
Molybdenum	96-1	0.38	0.35	0.30	0.34	10.95	ppb
Molybdenum	97-1	0.36	0.30	0.27	0.31	14.69	ppb
Molybdenum	98-1	0.39	0.32	0.32	0.34	12.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.09	-0.08	-0.07		ppb
Phosphorus	31-2	-10.47	-11.52	-18.48	-13.49		ppb
Potassium	39-2	7.06	7.56	8.29	7.64	8.14	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-0.92	-0.51	-0.11	-0.51		ppb
Selenium	77-2	0.00	0.00	0.79	0.26	173.21	ppb
Selenium	78-2	-0.39	0.35	0.40	0.12	366.36	ppb
Silicon	28-1	-0.22	-0.19	-0.06	-0.16		ppb
Silver	107-1	0.08	0.08	0.06	0.07	16.33	ppb
Silver	109-1	0.09	0.07	0.07	0.08	13.01	ppb
Sodium	23-2	36.69	35.29	36.18	36.05	1.95	ppb
Strontium	86-1	0.48	0.46	0.38	0.44	12.46	ppb
Strontium	88-1	0.52	0.40	0.36	0.43	19.48	ppb
Sulfur	34-1	-242.84	-300.26	-281.62	-274.91		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.10	0.08	0.07	0.08	18.43	ppb
Thallium	205-1	0.10	0.08	0.07	0.08	20.44	ppb
Tin	118-1	0.14	0.18	0.20	0.17	15.55	ppb
Titanium	47-1	-1.12	-1.13	-1.19	-1.15		ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:00:29	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	15.90	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	30.29	ppb
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	0.16	0.12	0.10	0.13	23.66	ppb
Zirconium	90-1	0.22	0.21	0.19	0.21	8.63	ppb
Zirconium	91-1	0.19	0.19	0.21	0.20	5.05	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-05	Instrumnet Name :	P7
Client Sample ID :	MYD4M4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:03:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44496.70	44666.37	44638.35	44600.47	0.20	ppb
Antimony	121-1	1.54	1.64	1.63	1.60	3.53	ppb
Arsenic	75-2	93.04	92.93	91.44	92.47	0.97	ppb
Barium	135-1	414.86	423.31	426.43	421.53	1.42	ppb
Barium	137-1	416.79	424.36	429.92	423.69	1.56	ppb
Beryllium	9-1	1.93	2.06	2.08	2.02	3.87	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.51	2.43	1.96	1.97	23.28	ppb
Cadmium	106-1	1.27	3.07	2.07	2.14	42.18	ppb
Cadmium	111-1	1.66	1.74	1.67	1.69	2.67	ppb
Calcium	43-1	18787.21	19087.25	19099.59	18991.35	0.93	ppb
Calcium	44-1	17472.72	17553.31	17521.87	17515.96	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.09	50.64	50.27	50.34	0.56	ppb
Cobalt	59-2	44.66	44.99	44.64	44.76	0.43	ppb
Copper	63-2	154.41	155.65	155.72	155.26	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	106479.18	107471.68	107822.71	107257.85	0.65	ppb
Iron	57-2	107270.59	108380.89	105704.57	107118.69	1.26	ppb
Iron	54-2	107936.72	107012.29	107480.20	107476.40	0.43	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-05	Instrumnet Name :	P7
Client Sample ID :	MYD4M4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:03:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	66.13	67.85	67.92	67.30	1.50	ppb
Lead	207-1	66.48	68.05	68.28	67.60	1.45	ppb
Lead	208-1	65.85	67.42	68.06	67.11	1.69	ppb
Lithium	6-1				111		%
Magnesium	24-2	17356.29	17406.37	17120.21	17294.29	0.88	ppb
Manganese	55-2	1880.09	1888.61	1900.14	1889.61	0.53	ppb
Molybdenum	94-1	13.93	14.37	14.75	14.35	2.87	ppb
Molybdenum	95-1	1.14	1.13	1.14	1.14	0.42	ppb
Molybdenum	96-1	3.20	3.35	3.39	3.31	2.92	ppb
Molybdenum	97-1	1.16	1.18	1.18	1.17	0.95	ppb
Molybdenum	98-1	1.12	1.14	1.11	1.12	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.23	46.77	46.81	46.60	0.69	ppb
Phosphorus	31-2	2564.10	2589.40	2624.37	2592.62	1.17	ppb
Potassium	39-2	7543.83	7626.98	7414.13	7528.31	1.42	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				117		%
Selenium	82-1	1.88	1.06	2.10	1.68	32.46	ppb
Selenium	77-2	19.06	16.97	20.86	18.96	10.25	ppb
Selenium	78-2	4.42	3.93	3.68	4.01	9.40	ppb
Silicon	28-1	1311.03	1333.45	1338.33	1327.60	1.10	ppb
Silver	107-1	0.58	0.57	0.58	0.57	0.80	ppb
Silver	109-1	0.60	0.56	0.57	0.57	3.35	ppb
Sodium	23-2	258.61	258.21	262.08	259.63	0.82	ppb
Strontium	86-1	87.66	88.94	90.02	88.87	1.33	ppb
Strontium	88-1	88.66	89.46	91.71	89.95	1.76	ppb
Sulfur	34-1	-224.50	-214.93	-318.58	-252.67		ppb
Terbium	159-1				113		%
Terbium	159-2				111		%
Thallium	203-1	0.41	0.45	0.41	0.42	4.90	ppb
Thallium	205-1	0.40	0.42	0.40	0.41	2.41	ppb
Tin	118-1	1.77	1.85	1.84	1.82	2.32	ppb
Titanium	47-1	875.50	879.71	880.60	878.61	0.31	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-05	Instrumnet Name :	P7
Client Sample ID :	MYD4M4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:03:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.07	1.09	1.10	1.09	1.45	ppb
Vanadium	51-2	190.54	192.98	190.72	191.41	0.71	ppb
Yttrium	89-1				120		%
Yttrium	89-2				119		%
Zinc	66-2	301.52	305.41	301.80	302.91	0.72	ppb
Zirconium	90-1	7.37	7.55	7.54	7.49	1.36	ppb
Zirconium	91-1	7.24	7.67	7.69	7.53	3.34	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-06	Instrumnet Name :	P7
Client Sample ID :	MYD4M5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:06:59	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41137.13	41264.11	41101.90	41167.72	0.21	ppb
Antimony	121-1	0.96	0.94	0.93	0.94	1.51	ppb
Arsenic	75-2	48.27	50.39	48.63	49.10	2.32	ppb
Barium	135-1	406.58	407.82	410.88	408.43	0.54	ppb
Barium	137-1	408.77	410.73	416.30	411.93	0.95	ppb
Beryllium	9-1	1.89	1.84	1.89	1.87	1.49	ppb
Bismuth	209-1				112		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	0.91	1.18	1.02	13.68	ppb
Cadmium	106-1	1.80	1.59	0.07	1.15	81.96	ppb
Cadmium	111-1	0.89	0.89	0.84	0.87	3.58	ppb
Calcium	43-1	14785.06	15013.28	15326.69	15041.68	1.81	ppb
Calcium	44-1	13804.66	13969.07	13959.36	13911.03	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.67	45.48	45.82	45.66	0.38	ppb
Cobalt	59-2	43.22	43.01	43.51	43.25	0.58	ppb
Copper	63-2	91.41	92.29	92.18	91.96	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				114		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	56-2	92119.12	92097.83	92124.89	92113.95	0.02	ppb
Iron	57-2	92407.81	90261.19	90949.37	91206.12	1.20	ppb
Iron	54-2	92689.95	92103.34	92372.37	92388.55	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-06	Instrumnet Name :	P7
Client Sample ID :	MYD4M5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:06:59	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.25	30.95	31.48	31.23	0.85	ppb
Lead	207-1	29.53	29.87	29.67	29.69	0.58	ppb
Lead	208-1	30.17	30.19	30.20	30.19	0.05	ppb
Lithium	6-1				112		%
Magnesium	24-2	15843.06	15855.99	15978.59	15892.54	0.47	ppb
Manganese	55-2	1896.67	1907.09	1902.66	1902.14	0.28	ppb
Molybdenum	94-1	12.42	12.71	12.32	12.48	1.63	ppb
Molybdenum	95-1	0.97	0.94	0.99	0.97	2.72	ppb
Molybdenum	96-1	2.75	2.84	2.77	2.79	1.74	ppb
Molybdenum	97-1	0.96	1.01	0.90	0.96	5.94	ppb
Molybdenum	98-1	0.93	0.90	0.90	0.91	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.80	43.51	44.69	44.33	1.62	ppb
Phosphorus	31-2	2273.91	2287.50	2252.00	2271.14	0.79	ppb
Potassium	39-2	8886.85	8887.20	8901.69	8891.91	0.10	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	1.70	1.28	1.19	1.39	19.30	ppb
Selenium	77-2	17.39	22.05	16.18	18.54	16.71	ppb
Selenium	78-2	4.38	1.92	2.62	2.97	42.70	ppb
Silicon	28-1	1277.39	1293.21	1300.26	1290.29	0.91	ppb
Silver	107-1	0.19	0.21	0.23	0.21	9.31	ppb
Silver	109-1	0.20	0.22	0.22	0.21	6.00	ppb
Sodium	23-2	229.08	228.35	233.42	230.28	1.19	ppb
Strontium	86-1	74.95	75.44	73.89	74.76	1.06	ppb
Strontium	88-1	73.50	74.95	73.04	73.83	1.36	ppb
Sulfur	34-1	-443.55	-379.61	-407.36	-410.17		ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.32	0.30	0.33	0.32	3.92	ppb
Thallium	205-1	0.34	0.32	0.33	0.33	3.25	ppb
Tin	118-1	1.44	1.47	1.54	1.48	3.66	ppb
Titanium	47-1	905.71	913.36	924.98	914.68	1.06	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-06	Instrumnet Name :	P7
Client Sample ID :	MYD4M5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:06:59	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.18	1.19	1.17	1.18	0.72	ppb
Vanadium	51-2	154.88	154.83	154.92	154.88	0.03	ppb
Yttrium	89-1				121		%
Yttrium	89-2				118		%
Zinc	66-2	172.83	173.04	173.16	173.01	0.10	ppb
Zirconium	90-1	6.52	6.61	6.54	6.56	0.75	ppb
Zirconium	91-1	6.68	6.74	6.56	6.66	1.41	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-07	Instrumnet Name :	P7
Client Sample ID :	MYD4M6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:10:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41436.86	41703.26	40870.47	41336.86	1.03	ppb
Antimony	121-1	1.32	1.37	1.37	1.36	2.26	ppb
Arsenic	75-2	76.06	76.07	74.99	75.71	0.82	ppb
Barium	135-1	385.90	386.69	391.58	388.06	0.79	ppb
Barium	137-1	385.88	389.02	392.41	389.10	0.84	ppb
Beryllium	9-1	1.63	1.68	1.59	1.63	2.78	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.38	1.80	1.84	1.67	15.05	ppb
Cadmium	106-1	3.06	1.99	0.82	1.96	57.19	ppb
Cadmium	111-1	1.33	1.36	1.35	1.35	1.14	ppb
Calcium	43-1	18546.00	18746.16	18796.79	18696.32	0.71	ppb
Calcium	44-1	17270.11	17370.10	17404.78	17348.33	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.22	50.86	49.41	50.16	1.45	ppb
Cobalt	59-2	40.97	41.67	40.37	41.00	1.59	ppb
Copper	63-2	105.98	108.30	104.12	106.13	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				114		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	94928.01	96150.43	93415.73	94831.39	1.44	ppb
Iron	57-2	93739.90	95328.13	91781.85	93616.63	1.90	ppb
Iron	54-2	93943.60	96179.28	92663.36	94262.08	1.89	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-07	Instrumnet Name :	P7
Client Sample ID :	MYD4M6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:10:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.84	48.79	49.57	49.07	0.89	ppb
Lead	207-1	47.84	48.17	48.60	48.21	0.79	ppb
Lead	208-1	48.12	48.09	48.84	48.35	0.88	ppb
Lithium	6-1				111		%
Magnesium	24-2	18034.41	18090.83	17608.76	17911.33	1.47	ppb
Manganese	55-2	1787.02	1815.84	1768.88	1790.58	1.32	ppb
Molybdenum	94-1	16.97	17.31	17.58	17.28	1.77	ppb
Molybdenum	95-1	1.28	1.32	1.32	1.30	1.76	ppb
Molybdenum	96-1	3.63	3.61	3.76	3.67	2.28	ppb
Molybdenum	97-1	1.23	1.20	1.27	1.23	2.69	ppb
Molybdenum	98-1	1.25	1.24	1.24	1.24	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.51	47.61	45.93	46.69	1.83	ppb
Phosphorus	31-2	2506.29	2476.86	2464.26	2482.47	0.87	ppb
Potassium	39-2	4533.36	4635.59	4840.71	4669.88	3.35	ppb
Rhodium	103-1				109		%
Rhodium	103-2				109		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	0.92	1.10	0.97	1.00	9.25	ppb
Selenium	77-2	16.15	16.40	17.06	16.54	2.85	ppb
Selenium	78-2	2.50	4.55	2.37	3.14	38.86	ppb
Silicon	28-1	1184.91	1193.93	1205.59	1194.81	0.87	ppb
Silver	107-1	0.25	0.25	0.27	0.26	5.56	ppb
Silver	109-1	0.24	0.24	0.23	0.24	1.81	ppb
Sodium	23-2	232.83	236.97	231.08	233.63	1.30	ppb
Strontium	86-1	79.49	79.77	80.70	79.99	0.80	ppb
Strontium	88-1	80.27	80.31	80.49	80.36	0.15	ppb
Sulfur	34-1	-611.14	-651.38	-525.82	-596.11		ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	0.23	0.25	0.27	0.25	7.48	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	2.23	ppb
Tin	118-1	1.41	1.49	1.50	1.47	3.28	ppb
Titanium	47-1	780.30	795.55	803.22	793.03	1.47	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-07	Instrumnet Name :	P7
Client Sample ID :	MYD4M6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:10:09	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.91	0.93	0.93	1.11	ppb
Vanadium	51-2	151.19	152.66	148.33	150.73	1.46	ppb
Yttrium	89-1				119		%
Yttrium	89-2				118		%
Zinc	66-2	236.89	241.58	233.66	237.37	1.68	ppb
Zirconium	90-1	9.17	9.10	9.21	9.16	0.57	ppb
Zirconium	91-1	9.12	9.19	9.14	9.15	0.44	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-08	Instrumnet Name :	P7
Client Sample ID :	MYD4M7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:13:21	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38058.42	38168.56	38578.06	38268.35	0.72	ppb
Antimony	121-1	1.40	1.49	1.51	1.47	3.78	ppb
Arsenic	75-2	73.94	73.64	71.80	73.13	1.58	ppb
Barium	135-1	387.61	391.98	392.77	390.78	0.71	ppb
Barium	137-1	389.82	397.00	396.75	394.52	1.03	ppb
Beryllium	9-1	1.77	1.63	1.69	1.70	4.24	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.22	1.74	1.44	18.20	ppb
Cadmium	106-1	1.69	2.97	1.10	1.92	49.59	ppb
Cadmium	111-1	1.16	1.20	1.20	1.18	2.12	ppb
Calcium	43-1	17331.02	17236.64	17398.42	17322.03	0.47	ppb
Calcium	44-1	15888.97	15903.45	15971.99	15921.47	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.64	51.83	52.17	51.88	0.52	ppb
Cobalt	59-2	47.02	47.44	46.77	47.07	0.72	ppb
Copper	63-2	98.55	99.02	99.10	98.89	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	56-2	105541.04	105959.53	105591.92	105697.50	0.22	ppb
Iron	57-2	104044.24	104155.40	104478.75	104226.13	0.22	ppb
Iron	54-2	105261.55	106628.19	105878.86	105922.86	0.65	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-08	Instrumnet Name :	P7
Client Sample ID :	MYD4M7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:13:21	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	49.09	49.76	50.38	49.74	1.29	ppb
Lead	207-1	48.95	49.24	49.27	49.16	0.36	ppb
Lead	208-1	48.68	49.10	49.39	49.06	0.72	ppb
Lithium	6-1				109		%
Magnesium	24-2	16947.79	16979.00	17179.77	17035.52	0.74	ppb
Manganese	55-2	2174.97	2185.85	2194.26	2185.03	0.44	ppb
Molybdenum	94-1	16.40	16.42	16.71	16.51	1.05	ppb
Molybdenum	95-1	1.44	1.44	1.46	1.45	0.59	ppb
Molybdenum	96-1	3.69	3.78	3.83	3.77	1.80	ppb
Molybdenum	97-1	1.41	1.44	1.30	1.38	5.16	ppb
Molybdenum	98-1	1.32	1.35	1.41	1.36	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.39	49.94	50.41	50.25	0.52	ppb
Phosphorus	31-2	2895.30	2825.48	2797.01	2839.26	1.78	ppb
Potassium	39-2	8515.83	8440.29	8317.88	8424.66	1.19	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	1.85	1.39	0.97	1.40	31.48	ppb
Selenium	77-2	21.77	14.29	16.36	17.48	22.12	ppb
Selenium	78-2	3.38	4.28	2.43	3.36	27.46	ppb
Silicon	28-1	1243.85	1259.67	1250.76	1251.42	0.63	ppb
Silver	107-1	0.22	0.25	0.26	0.24	7.63	ppb
Silver	109-1	0.23	0.23	0.24	0.23	0.66	ppb
Sodium	23-2	216.26	216.59	221.04	217.96	1.23	ppb
Strontium	86-1	73.23	73.61	74.06	73.63	0.56	ppb
Strontium	88-1	73.37	74.81	74.70	74.29	1.08	ppb
Sulfur	34-1	-410.97	-315.63	-379.74	-368.78		ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.30	0.29	0.28	0.29	2.50	ppb
Thallium	205-1	0.27	0.27	0.28	0.28	1.84	ppb
Tin	118-1	1.38	1.49	1.43	1.43	3.74	ppb
Titanium	47-1	922.85	923.27	931.92	926.02	0.55	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-08	Instrumnet Name :	P7
Client Sample ID :	MYD4M7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:13:21	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.96	0.96	0.98	0.97	1.38	ppb
Vanadium	51-2	176.71	178.87	176.72	177.43	0.70	ppb
Yttrium	89-1				118		%
Yttrium	89-2				114		%
Zinc	66-2	259.97	258.48	259.14	259.20	0.29	ppb
Zirconium	90-1	8.48	8.56	8.71	8.58	1.36	ppb
Zirconium	91-1	8.57	8.55	8.44	8.52	0.86	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-09	Instrumnet Name :	P7
Client Sample ID :	MYD4M8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:16:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32007.22	32301.74	32581.99	32296.98	0.89	ppb
Antimony	121-1	3.62	3.47	3.44	3.51	2.70	ppb
Arsenic	75-2	230.09	239.61	234.90	234.87	2.03	ppb
Barium	135-1	285.24	271.27	269.95	275.49	3.08	ppb
Barium	137-1	287.44	272.76	271.33	277.18	3.22	ppb
Beryllium	9-1	1.61	1.53	1.70	1.62	5.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.65	2.68	2.79	3.04	17.43	ppb
Cadmium	106-1	2.30	3.12	1.82	2.41	27.40	ppb
Cadmium	111-1	3.07	2.89	2.83	2.93	4.19	ppb
Calcium	43-1	12372.62	12148.83	11885.61	12135.69	2.01	ppb
Calcium	44-1	11404.80	11007.83	11037.08	11149.90	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.78	42.76	42.95	42.83	0.24	ppb
Cobalt	59-2	39.15	39.41	39.62	39.40	0.59	ppb
Copper	63-2	169.86	170.39	170.45	170.23	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	98440.77	99123.61	99619.99	99061.46	0.60	ppb
Iron	57-2	96187.59	98074.85	98616.06	97626.16	1.31	ppb
Iron	54-2	98653.76	99658.54	98981.27	99097.86	0.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-09	Instrumnet Name :	P7
Client Sample ID :	MYD4M8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:16:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	224.23	211.69	214.06	216.66	3.07	ppb
Lead	207-1	234.18	222.39	225.83	227.47	2.67	ppb
Lead	208-1	241.47	227.47	229.76	232.90	3.23	ppb
Lithium	6-1				108		%
Magnesium	24-2	13219.27	13314.48	13404.00	13312.58	0.69	ppb
Manganese	55-2	1384.23	1415.81	1384.68	1394.91	1.30	ppb
Molybdenum	94-1	11.97	11.70	12.03	11.90	1.46	ppb
Molybdenum	95-1	1.61	1.59	1.64	1.62	1.56	ppb
Molybdenum	96-1	3.47	3.47	3.47	3.47	0.10	ppb
Molybdenum	97-1	1.67	1.63	1.61	1.64	1.99	ppb
Molybdenum	98-1	1.59	1.57	1.52	1.56	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.71	39.39	39.07	39.39	0.82	ppb
Phosphorus	31-2	3220.94	3239.70	3278.01	3246.22	0.90	ppb
Potassium	39-2	7949.19	7875.51	7816.61	7880.44	0.84	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	82-1	1.69	2.35	2.77	2.27	23.85	ppb
Selenium	77-2	20.06	15.97	13.60	16.55	19.73	ppb
Selenium	78-2	5.27	6.51	4.66	5.48	17.23	ppb
Silicon	28-1	1319.06	1261.60	1246.91	1275.86	2.99	ppb
Silver	107-1	1.28	1.18	1.21	1.22	4.23	ppb
Silver	109-1	1.24	1.17	1.20	1.20	2.83	ppb
Sodium	23-2	222.07	227.50	227.86	225.81	1.44	ppb
Strontium	86-1	66.93	63.92	65.04	65.30	2.33	ppb
Strontium	88-1	66.37	64.49	64.92	65.26	1.51	ppb
Sulfur	34-1	-167.75	-305.94	-301.23	-258.30		ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.37	0.33	0.36	0.35	6.98	ppb
Thallium	205-1	0.36	0.35	0.34	0.35	2.99	ppb
Tin	118-1	2.22	2.05	2.04	2.10	4.76	ppb
Titanium	47-1	1128.79	1092.15	1083.15	1101.36	2.19	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-09	Instrumnet Name :	P7
Client Sample ID :	MYD4M8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:16:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.25	1.16	1.20	1.20	3.70	ppb
Vanadium	51-2	156.13	158.17	157.96	157.42	0.71	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	564.12	571.81	570.44	568.79	0.72	ppb
Zirconium	90-1	5.97	5.83	5.86	5.88	1.23	ppb
Zirconium	91-1	6.26	5.91	5.81	5.99	3.93	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-10	Instrumnet Name :	P7
Client Sample ID :	MYD4M9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:19:40	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40326.97	40493.59	40165.00	40328.52	0.41	ppb
Antimony	121-1	2.58	2.63	2.60	2.60	1.05	ppb
Arsenic	75-2	122.62	121.92	122.70	122.41	0.35	ppb
Barium	135-1	338.72	338.00	336.16	337.63	0.39	ppb
Barium	137-1	339.95	340.39	339.10	339.81	0.19	ppb
Beryllium	9-1	1.47	1.41	1.53	1.47	4.01	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.72	3.55	3.47	3.25	14.03	ppb
Cadmium	106-1	2.58	3.09	2.35	2.67	14.15	ppb
Cadmium	111-1	2.95	3.23	3.05	3.08	4.72	ppb
Calcium	43-1	23322.48	23416.00	23683.79	23474.09	0.80	ppb
Calcium	44-1	21443.01	21673.74	22001.51	21706.09	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.12	53.05	52.26	52.81	0.91	ppb
Cobalt	59-2	40.32	40.17	40.07	40.19	0.32	ppb
Copper	63-2	299.10	299.07	296.84	298.34	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				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	96841.60	98283.80	96263.56	97129.65	1.07	ppb
Iron	57-2	96052.30	96798.11	96970.99	96607.13	0.51	ppb
Iron	54-2	96920.92	97115.13	97217.25	97084.44	0.16	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-10	Instrumnet Name :	P7
Client Sample ID :	MYD4M9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:19:40	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	124.58	125.68	126.99	125.75	0.96	ppb
Lead	207-1	126.91	127.17	128.66	127.58	0.74	ppb
Lead	208-1	125.39	126.04	127.34	126.26	0.79	ppb
Lithium	6-1				108		%
Magnesium	24-2	19763.09	19961.05	19935.42	19886.52	0.54	ppb
Manganese	55-2	2041.98	2046.38	2033.65	2040.67	0.32	ppb
Molybdenum	94-1	11.73	12.15	12.22	12.03	2.21	ppb
Molybdenum	95-1	1.38	1.47	1.46	1.44	3.38	ppb
Molybdenum	96-1	3.14	3.35	3.23	3.24	3.25	ppb
Molybdenum	97-1	1.36	1.44	1.45	1.42	3.39	ppb
Molybdenum	98-1	1.40	1.40	1.37	1.39	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.83	49.00	50.95	50.26	2.17	ppb
Phosphorus	31-2	3503.99	3607.51	3510.35	3540.62	1.64	ppb
Potassium	39-2	8009.86	8032.51	7968.77	8003.71	0.40	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	82-1	1.58	2.47	1.44	1.83	30.64	ppb
Selenium	77-2	15.21	20.96	14.92	17.03	20.01	ppb
Selenium	78-2	5.05	5.30	4.88	5.08	4.10	ppb
Silicon	28-1	1281.89	1292.55	1293.79	1289.41	0.51	ppb
Silver	107-1	1.17	1.14	1.15	1.15	1.39	ppb
Silver	109-1	1.11	1.13	1.16	1.13	2.21	ppb
Sodium	23-2	241.81	242.39	245.44	243.21	0.80	ppb
Strontium	86-1	59.95	61.35	61.24	60.85	1.29	ppb
Strontium	88-1	60.56	61.50	61.74	61.27	1.02	ppb
Sulfur	34-1	1259.03	1353.88	1489.80	1367.57	8.48	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.38	0.38	0.33	0.36	7.24	ppb
Thallium	205-1	0.35	0.35	0.36	0.35	1.87	ppb
Tin	118-1	1.86	1.88	1.91	1.88	1.41	ppb
Titanium	47-1	855.60	860.90	867.74	861.41	0.71	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-10	Instrumnet Name :	P7
Client Sample ID :	MYD4M9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:19:40	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.93	0.92	0.92	1.73	ppb
Vanadium	51-2	147.58	148.47	147.62	147.89	0.34	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	475.63	475.45	479.05	476.71	0.43	ppb
Zirconium	90-1	6.12	6.26	6.26	6.21	1.31	ppb
Zirconium	91-1	6.19	6.46	6.29	6.32	2.16	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-11	Instrumnet Name :	P7
Client Sample ID :	MYD4N0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:22:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44176.50	51410.22	42884.32	46157.01	9.96	ppb
Antimony	121-1	1.07	1.09	1.04	1.06	2.60	ppb
Arsenic	75-2	68.94	78.61	66.54	71.36	8.96	ppb
Barium	135-1	310.33	318.82	316.92	315.36	1.41	ppb
Barium	137-1	315.41	320.00	321.15	318.85	0.95	ppb
Beryllium	9-1	1.58	1.57	1.65	1.60	2.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.45	1.77	1.74	1.66	10.58	ppb
Cadmium	106-1	1.98	2.23	2.76	2.32	17.15	ppb
Cadmium	111-1	1.08	1.13	1.18	1.13	4.42	ppb
Calcium	43-1	70961.64	71231.17	71037.86	71076.89	0.20	ppb
Calcium	44-1	66162.30	66425.96	65754.56	66114.27	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.09	67.67	56.97	61.25	9.25	ppb
Cobalt	59-2	47.95	55.48	46.38	49.94	9.74	ppb
Copper	63-2	92.55	107.77	89.68	96.66	10.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	99919.19	115822.04	97632.39	104457.87	9.49	ppb
Iron	57-2	98846.20	113723.39	97014.72	103194.77	8.88	ppb
Iron	54-2	100086.22	116129.16	96621.89	104279.09	9.98	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-11	Instrumnet Name :	P7
Client Sample ID :	MYD4N0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:22:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	33.08	33.33	33.03	33.15	0.49	ppb
Lead	207-1	32.71	32.70	33.05	32.82	0.60	ppb
Lead	208-1	32.66	32.60	32.99	32.75	0.64	ppb
Lithium	6-1				105		%
Magnesium	24-2	22525.06	26363.64	21640.16	23509.62	10.68	ppb
Manganese	55-2	2105.30	2454.35	2033.76	2197.80	10.24	ppb
Molybdenum	94-1	16.92	17.23	17.43	17.19	1.47	ppb
Molybdenum	95-1	1.01	1.11	1.09	1.07	4.90	ppb
Molybdenum	96-1	3.40	3.41	3.44	3.42	0.57	ppb
Molybdenum	97-1	1.07	1.01	1.04	1.04	2.62	ppb
Molybdenum	98-1	1.04	1.12	1.06	1.07	3.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.09	60.64	50.01	54.25	10.39	ppb
Phosphorus	31-2	3004.78	3436.51	2951.82	3131.04	8.49	ppb
Potassium	39-2	6930.20	7905.47	6662.11	7165.93	9.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	1.93	1.22	1.44	1.53	23.97	ppb
Selenium	77-2	14.63	19.59	17.61	17.28	14.46	ppb
Selenium	78-2	2.68	3.03	3.99	3.23	21.00	ppb
Silicon	28-1	1225.33	1239.42	1223.02	1229.25	0.72	ppb
Silver	107-1	0.19	0.16	0.18	0.18	7.06	ppb
Silver	109-1	0.16	0.16	0.15	0.16	2.00	ppb
Sodium	23-2	244.46	284.05	241.21	256.57	9.30	ppb
Strontium	86-1	72.67	72.56	73.56	72.93	0.75	ppb
Strontium	88-1	72.61	73.76	73.80	73.39	0.92	ppb
Sulfur	34-1	304.46	283.21	302.38	296.68	3.95	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.30	0.28	0.28	0.29	4.67	ppb
Thallium	205-1	0.28	0.30	0.28	0.29	3.18	ppb
Tin	118-1	1.37	1.44	1.45	1.42	3.12	ppb
Titanium	47-1	779.24	787.60	779.73	782.19	0.60	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-11	Instrumnet Name :	P7
Client Sample ID :	MYD4N0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:22:49	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.80	0.80	0.80	0.80	ppb
Vanadium	51-2	160.39	186.96	156.29	167.88	9.92	ppb
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	238.27	274.06	233.07	248.47	8.98	ppb
Zirconium	90-1	8.91	9.14	9.16	9.07	1.55	ppb
Zirconium	91-1	8.90	9.22	9.01	9.04	1.83	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-12	Instrumnet Name :	P7
Client Sample ID :	MYD4N1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:26:01	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41610.05	41648.22	41428.24	41562.17	0.28	ppb
Antimony	121-1	1.82	1.90	1.85	1.86	2.11	ppb
Arsenic	75-2	87.74	88.17	87.79	87.90	0.27	ppb
Barium	135-1	342.85	341.20	343.63	342.56	0.36	ppb
Barium	137-1	341.04	343.60	346.24	343.62	0.76	ppb
Beryllium	9-1	1.56	1.57	1.56	1.56	0.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.33	3.37	3.55	3.42	3.47	ppb
Cadmium	106-1	4.19	4.41	2.80	3.80	22.90	ppb
Cadmium	111-1	3.14	3.09	3.08	3.10	1.06	ppb
Calcium	43-1	30869.53	31270.14	31330.27	31156.64	0.80	ppb
Calcium	44-1	28623.88	28868.27	28996.47	28829.54	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.06	50.65	50.98	50.56	0.92	ppb
Cobalt	59-2	42.60	42.99	42.40	42.66	0.70	ppb
Copper	63-2	247.28	248.34	248.63	248.08	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	93510.98	93294.90	93347.15	93384.34	0.12	ppb
Iron	57-2	93029.47	93099.68	93231.94	93120.36	0.11	ppb
Iron	54-2	92788.43	93615.28	93767.95	93390.55	0.56	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-12	Instrumnet Name :	P7
Client Sample ID :	MYD4N1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:26:01	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	108.16	109.33	109.07	108.85	0.57	ppb
Lead	207-1	110.91	112.20	111.51	111.54	0.58	ppb
Lead	208-1	109.34	110.42	110.08	109.95	0.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	18990.73	19218.05	18901.79	19036.86	0.86	ppb
Manganese	55-2	2038.39	2045.78	2022.64	2035.60	0.58	ppb
Molybdenum	94-1	19.78	19.71	19.94	19.81	0.59	ppb
Molybdenum	95-1	1.24	1.26	1.24	1.25	0.64	ppb
Molybdenum	96-1	3.75	3.81	3.89	3.81	1.92	ppb
Molybdenum	97-1	1.36	1.23	1.15	1.25	8.67	ppb
Molybdenum	98-1	1.22	1.26	1.20	1.23	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.95	48.77	49.35	49.02	0.61	ppb
Phosphorus	31-2	2897.21	2875.28	2955.82	2909.44	1.43	ppb
Potassium	39-2	9437.96	9428.35	9344.02	9403.44	0.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	1.34	1.11	1.43	1.29	12.84	ppb
Selenium	77-2	15.79	18.59	15.17	16.52	11.04	ppb
Selenium	78-2	4.27	2.61	3.13	3.33	25.44	ppb
Silicon	28-1	1059.68	1066.28	1078.95	1068.30	0.92	ppb
Silver	107-1	0.79	0.87	0.87	0.84	5.30	ppb
Silver	109-1	0.81	0.81	0.84	0.82	2.29	ppb
Sodium	23-2	217.73	214.39	217.34	216.49	0.84	ppb
Strontium	86-1	72.00	73.49	73.26	72.92	1.10	ppb
Strontium	88-1	72.11	72.66	72.80	72.53	0.50	ppb
Sulfur	34-1	93.67	115.00	104.01	104.22	10.23	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.33	0.33	0.31	0.32	3.55	ppb
Thallium	205-1	0.33	0.31	0.32	0.32	2.72	ppb
Tin	118-1	1.94	1.98	1.96	1.96	1.09	ppb
Titanium	47-1	818.83	834.18	834.12	829.04	1.07	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-12	Instrumnet Name :	P7
Client Sample ID :	MYD4N1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:26:01	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.83	0.87	0.85	2.38	ppb
Vanadium	51-2	131.22	131.16	131.22	131.20	0.03	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	430.14	427.50	429.82	429.15	0.34	ppb
Zirconium	90-1	10.44	10.58	10.70	10.57	1.26	ppb
Zirconium	91-1	10.46	10.47	10.52	10.48	0.30	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-13	Instrumnet Name :	P7
Client Sample ID :	MYD4N2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:29:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35673.47	35619.96	35435.11	35576.18	0.35	ppb
Antimony	121-1	1.86	1.92	1.93	1.90	1.85	ppb
Arsenic	75-2	123.14	123.51	123.66	123.43	0.22	ppb
Barium	135-1	348.52	360.58	363.73	357.61	2.24	ppb
Barium	137-1	350.83	360.97	367.10	359.63	2.28	ppb
Beryllium	9-1	1.31	1.36	1.30	1.33	2.41	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.66	2.63	2.84	2.71	4.29	ppb
Cadmium	106-1	2.68	1.81	2.23	2.24	19.49	ppb
Cadmium	111-1	2.62	2.68	2.70	2.66	1.52	ppb
Calcium	43-1	21695.28	22539.44	22729.39	22321.37	2.47	ppb
Calcium	44-1	20018.88	20780.59	21030.74	20610.07	2.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.76	45.83	45.09	45.56	0.90	ppb
Cobalt	59-2	36.24	36.55	36.05	36.28	0.69	ppb
Copper	63-2	223.38	226.43	225.69	225.17	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				110		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	82784.78	82163.01	82097.72	82348.50	0.46	ppb
Iron	57-2	81449.57	81154.10	80355.90	80986.52	0.70	ppb
Iron	54-2	82096.93	82145.55	81602.37	81948.28	0.37	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-13	Instrumnet Name :	P7
Client Sample ID :	MYD4N2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:29:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	110.82	116.04	117.28	114.72	2.99	ppb
Lead	207-1	113.05	118.27	119.98	117.10	3.09	ppb
Lead	208-1	111.76	116.94	118.48	115.73	3.04	ppb
Lithium	6-1				108		%
Magnesium	24-2	18313.22	18526.96	18460.24	18433.47	0.59	ppb
Manganese	55-2	1847.45	1853.19	1861.00	1853.88	0.37	ppb
Molybdenum	94-1	10.08	10.18	10.46	10.24	1.94	ppb
Molybdenum	95-1	1.25	1.38	1.37	1.33	5.37	ppb
Molybdenum	96-1	2.80	2.87	2.86	2.84	1.28	ppb
Molybdenum	97-1	1.30	1.31	1.36	1.33	2.50	ppb
Molybdenum	98-1	1.30	1.33	1.36	1.33	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.55	49.40	49.37	49.10	0.98	ppb
Phosphorus	31-2	3234.57	3122.14	3211.89	3189.54	1.86	ppb
Potassium	39-2	6588.02	6560.28	6588.54	6578.95	0.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	1.52	1.53	1.17	1.41	14.64	ppb
Selenium	77-2	12.49	17.73	18.45	16.23	20.04	ppb
Selenium	78-2	3.23	3.71	2.89	3.28	12.48	ppb
Silicon	28-1	1293.56	1351.31	1376.88	1340.58	3.18	ppb
Silver	107-1	0.84	0.85	0.85	0.85	0.90	ppb
Silver	109-1	0.83	0.88	0.89	0.87	3.57	ppb
Sodium	23-2	200.67	200.49	202.77	201.31	0.63	ppb
Strontium	86-1	52.49	54.01	54.19	53.57	1.74	ppb
Strontium	88-1	51.80	53.79	54.65	53.41	2.73	ppb
Sulfur	34-1	1227.89	1518.59	1577.88	1441.45	12.99	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.30	0.30	0.30	0.30	1.11	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	4.19	ppb
Tin	118-1	1.57	1.66	1.65	1.63	2.95	ppb
Titanium	47-1	611.06	642.10	649.33	634.17	3.21	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-13	Instrumnet Name :	P7
Client Sample ID :	MYD4N2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:29:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.77	0.79	0.76	4.32	ppb
Vanadium	51-2	125.77	126.08	126.23	126.03	0.19	ppb
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	464.88	464.87	462.84	464.20	0.25	ppb
Zirconium	90-1	5.06	5.27	5.33	5.22	2.76	ppb
Zirconium	91-1	5.11	5.31	5.39	5.27	2.72	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-14	Instrumnet Name :	P7
Client Sample ID :	MYD4N3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:32:23	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37668.64	38325.03	38359.12	38117.60	1.02	ppb
Antimony	121-1	1.49	1.51	1.58	1.53	3.10	ppb
Arsenic	75-2	84.52	85.36	85.81	85.23	0.77	ppb
Barium	135-1	325.04	330.76	332.08	329.29	1.14	ppb
Barium	137-1	330.24	331.07	335.44	332.25	0.84	ppb
Beryllium	9-1	1.38	1.47	1.48	1.44	3.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.66	1.74	1.19	1.53	19.50	ppb
Cadmium	106-1	2.05	2.74	1.37	2.05	33.44	ppb
Cadmium	111-1	1.33	1.43	1.29	1.35	5.44	ppb
Calcium	43-1	16061.08	16151.77	16119.02	16110.62	0.29	ppb
Calcium	44-1	14992.60	14991.93	14780.42	14921.65	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.79	43.96	43.86	43.54	1.48	ppb
Cobalt	59-2	45.62	46.09	46.24	45.99	0.70	ppb
Copper	63-2	136.69	139.34	139.05	138.36	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	99548.82	101419.50	101757.96	100908.76	1.18	ppb
Iron	57-2	98877.76	99695.13	101321.95	99964.95	1.24	ppb
Iron	54-2	99259.75	101330.81	101696.62	100762.40	1.30	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-14	Instrumnet Name :	P7
Client Sample ID :	MYD4N3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:32:23	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.99	52.28	53.21	52.49	1.21	ppb
Lead	207-1	52.08	52.45	52.05	52.19	0.43	ppb
Lead	208-1	51.79	51.98	52.65	52.14	0.87	ppb
Lithium	6-1				105		%
Magnesium	24-2	16738.96	16948.19	17194.62	16960.59	1.34	ppb
Manganese	55-2	1818.49	1842.44	1839.97	1833.63	0.72	ppb
Molybdenum	94-1	12.24	12.02	12.06	12.11	0.99	ppb
Molybdenum	95-1	1.26	1.27	1.26	1.26	0.44	ppb
Molybdenum	96-1	3.18	3.10	3.25	3.18	2.36	ppb
Molybdenum	97-1	1.12	1.24	1.23	1.20	5.68	ppb
Molybdenum	98-1	1.17	1.23	1.21	1.20	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.34	45.65	46.10	45.70	0.84	ppb
Phosphorus	31-2	2870.12	2861.66	2954.21	2895.33	1.77	ppb
Potassium	39-2	8766.48	8757.40	8983.34	8835.74	1.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	1.43	1.54	1.39	1.45	5.06	ppb
Selenium	77-2	13.99	14.85	12.41	13.75	9.01	ppb
Selenium	78-2	1.21	1.98	3.76	2.32	56.33	ppb
Silicon	28-1	1280.80	1278.76	1287.98	1282.51	0.38	ppb
Silver	107-1	0.34	0.33	0.34	0.34	0.87	ppb
Silver	109-1	0.34	0.35	0.35	0.35	2.02	ppb
Sodium	23-2	231.78	234.89	239.36	235.35	1.62	ppb
Strontium	86-1	61.56	61.89	62.03	61.83	0.39	ppb
Strontium	88-1	62.29	62.60	62.43	62.44	0.25	ppb
Sulfur	34-1	-108.73	-104.50	-166.03	-126.42		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.27	0.32	0.28	0.29	8.24	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	1.27	ppb
Tin	118-1	1.52	1.55	1.50	1.52	1.77	ppb
Titanium	47-1	1130.79	1141.65	1139.83	1137.42	0.51	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-14	Instrumnet Name :	P7
Client Sample ID :	MYD4N3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:32:23	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.92	0.92	0.91	1.63	ppb
Vanadium	51-2	176.88	179.42	180.14	178.81	0.96	ppb
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	290.50	294.21	293.15	292.62	0.65	ppb
Zirconium	90-1	6.10	6.23	6.19	6.17	1.12	ppb
Zirconium	91-1	6.11	6.10	6.21	6.14	1.04	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-15	Instrumnet Name :	P7
Client Sample ID :	MYD4N4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:35:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41355.21	40716.20	39924.81	40665.41	1.76	ppb
Antimony	121-1	0.85	0.90	0.90	0.88	2.85	ppb
Arsenic	75-2	51.50	54.21	52.02	52.58	2.74	ppb
Barium	135-1	286.23	291.71	292.64	290.19	1.19	ppb
Barium	137-1	287.62	294.32	295.55	292.50	1.46	ppb
Beryllium	9-1	1.50	1.49	1.44	1.48	2.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.20	0.75	1.32	1.09	27.44	ppb
Cadmium	106-1	1.83	1.36	1.22	1.47	21.77	ppb
Cadmium	111-1	0.99	0.97	1.03	1.00	3.00	ppb
Calcium	43-1	62431.68	63944.48	64270.92	63549.03	1.54	ppb
Calcium	44-1	57886.67	59141.13	59165.65	58731.15	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.84	46.03	45.25	46.04	1.73	ppb
Cobalt	59-2	41.83	41.93	40.66	41.47	1.70	ppb
Copper	63-2	98.05	96.48	94.77	96.43	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	93895.06	92980.26	92062.54	92979.29	0.99	ppb
Iron	57-2	93629.60	93187.12	91979.11	92931.94	0.92	ppb
Iron	54-2	93881.33	93848.66	91601.81	93110.60	1.40	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-15	Instrumnet Name :	P7
Client Sample ID :	MYD4N4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:35:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.82	28.70	28.87	28.46	1.96	ppb
Lead	207-1	26.43	27.24	27.43	27.03	1.96	ppb
Lead	208-1	26.84	27.65	27.87	27.45	1.99	ppb
Lithium	6-1				103		%
Magnesium	24-2	20863.84	20495.78	20343.84	20567.82	1.30	ppb
Manganese	55-2	1945.62	1926.38	1920.38	1930.79	0.68	ppb
Molybdenum	94-1	16.03	16.32	16.00	16.12	1.09	ppb
Molybdenum	95-1	0.99	1.00	1.05	1.02	3.17	ppb
Molybdenum	96-1	3.29	3.38	3.39	3.35	1.52	ppb
Molybdenum	97-1	0.97	1.05	0.95	0.99	5.42	ppb
Molybdenum	98-1	0.98	1.00	0.98	0.99	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.79	46.34	47.62	47.58	2.58	ppb
Phosphorus	31-2	2901.32	2924.44	2847.36	2891.04	1.37	ppb
Potassium	39-2	6145.70	6092.73	6027.04	6088.49	0.98	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.92	1.51	0.20	0.87	75.30	ppb
Selenium	77-2	17.02	12.30	14.78	14.70	16.07	ppb
Selenium	78-2	3.35	3.48	1.49	2.78	40.11	ppb
Silicon	28-1	1423.93	1453.28	1454.96	1444.06	1.21	ppb
Silver	107-1	0.12	0.13	0.14	0.13	6.94	ppb
Silver	109-1	0.11	0.12	0.14	0.13	11.75	ppb
Sodium	23-2	223.28	221.33	221.82	222.14	0.46	ppb
Strontium	86-1	70.18	72.88	71.71	71.59	1.89	ppb
Strontium	88-1	70.77	72.63	72.23	71.88	1.36	ppb
Sulfur	34-1	-149.33	-43.59	41.42	-50.50		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.23	0.22	0.23	0.23	2.67	ppb
Thallium	205-1	0.24	0.25	0.24	0.24	1.74	ppb
Tin	118-1	1.32	1.36	1.36	1.35	1.68	ppb
Titanium	47-1	793.24	815.25	819.19	809.22	1.73	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-15	Instrumnet Name :	P7
Client Sample ID :	MYD4N4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:35:34	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.73	0.75	0.74	0.74	1.24	ppb
Vanadium	51-2	147.85	147.79	145.91	147.18	0.75	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	198.33	195.07	195.55	196.32	0.90	ppb
Zirconium	90-1	8.39	8.61	8.62	8.54	1.56	ppb
Zirconium	91-1	8.46	8.57	8.66	8.56	1.16	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-16	Instrumnet Name :	P7
Client Sample ID :	MYD4N5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:38:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42542.85	43119.40	41201.30	42287.85	2.33	ppb
Antimony	121-1	0.70	0.72	0.73	0.72	2.11	ppb
Arsenic	75-2	47.93	46.64	45.43	46.66	2.67	ppb
Barium	135-1	276.76	276.62	280.22	277.87	0.73	ppb
Barium	137-1	278.45	278.97	283.25	280.22	0.94	ppb
Beryllium	9-1	1.45	1.41	1.48	1.45	2.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.20	1.04	1.66	1.30	24.60	ppb
Cadmium	106-1	0.54	0.63	0.44	0.53	17.65	ppb
Cadmium	111-1	0.91	0.86	0.89	0.89	2.42	ppb
Calcium	43-1	84078.29	83285.42	84970.63	84111.44	1.00	ppb
Calcium	44-1	83834.62	83966.87	85476.65	84426.04	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.45	52.52	49.90	51.29	2.56	ppb
Cobalt	59-2	42.45	42.98	40.81	42.08	2.69	ppb
Copper	63-2	79.13	79.48	76.23	78.28	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	91144.62	91390.11	87555.03	90029.92	2.38	ppb
Iron	57-2	90700.09	91100.51	87117.17	89639.26	2.45	ppb
Iron	54-2	90483.92	91042.63	86813.65	89446.73	2.57	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-16	Instrumnet Name :	P7
Client Sample ID :	MYD4N5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:38:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	19.68	20.08	20.21	19.99	1.38	ppb
Lead	207-1	17.80	18.47	18.27	18.18	1.90	ppb
Lead	208-1	18.46	18.94	18.80	18.73	1.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	21803.25	22363.79	21201.88	21789.64	2.67	ppb
Manganese	55-2	1903.73	1935.25	1806.94	1881.97	3.55	ppb
Molybdenum	94-1	20.64	20.48	21.21	20.78	1.86	ppb
Molybdenum	95-1	1.06	1.09	1.13	1.09	2.94	ppb
Molybdenum	96-1	3.68	3.90	3.81	3.80	2.96	ppb
Molybdenum	97-1	1.02	1.09	1.09	1.06	3.71	ppb
Molybdenum	98-1	1.08	1.05	1.05	1.06	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.88	51.48	49.39	50.92	2.63	ppb
Phosphorus	31-2	2319.01	2326.50	2185.32	2276.94	3.49	ppb
Potassium	39-2	4532.09	4576.92	4360.82	4489.94	2.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	0.64	0.57	0.22	0.48	47.38	ppb
Selenium	77-2	17.75	14.37	10.75	14.29	24.49	ppb
Selenium	78-2	0.89	3.40	2.46	2.25	56.45	ppb
Silicon	28-1	1347.59	1323.03	1352.64	1341.09	1.18	ppb
Silver	107-1	0.08	0.08	0.09	0.08	5.26	ppb
Silver	109-1	0.06	0.07	0.08	0.07	12.43	ppb
Sodium	23-2	365.09	371.97	355.17	364.08	2.32	ppb
Strontium	86-1	76.65	76.40	77.69	76.91	0.89	ppb
Strontium	88-1	77.26	77.06	77.83	77.39	0.51	ppb
Sulfur	34-1	-129.00	-210.58	-55.85	-131.81		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.22	0.23	0.25	0.24	7.16	ppb
Thallium	205-1	0.25	0.24	0.23	0.24	2.75	ppb
Tin	118-1	1.26	1.31	1.27	1.28	2.21	ppb
Titanium	47-1	826.89	824.58	842.16	831.21	1.15	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-16	Instrumnet Name :	P7
Client Sample ID :	MYD4N5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:38:46	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.85	0.82	0.83	2.64	ppb
Vanadium	51-2	146.37	148.71	140.25	145.11	3.01	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	161.33	160.39	155.40	159.04	2.01	ppb
Zirconium	90-1	11.25	11.15	11.24	11.21	0.50	ppb
Zirconium	91-1	11.15	10.96	11.15	11.09	0.98	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-17	Instrumnet Name :	P7
Client Sample ID :	MYD4N6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:41:57	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35161.32	37759.02	38506.34	37142.22	4.73	ppb
Antimony	121-1	2.58	2.68	2.72	2.66	2.70	ppb
Arsenic	75-2	112.13	123.24	125.24	120.20	5.87	ppb
Barium	135-1	297.36	299.44	301.78	299.53	0.74	ppb
Barium	137-1	299.22	303.43	303.69	302.12	0.83	ppb
Beryllium	9-1	1.41	1.60	1.52	1.51	6.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.14	3.82	2.85	3.27	15.23	ppb
Cadmium	106-1	2.03	2.24	2.19	2.15	5.10	ppb
Cadmium	111-1	2.88	2.96	2.83	2.89	2.31	ppb
Calcium	43-1	17589.02	17843.22	17925.01	17785.75	0.99	ppb
Calcium	44-1	16340.68	16608.71	16533.82	16494.40	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.81	45.62	45.30	44.25	4.78	ppb
Cobalt	59-2	38.02	41.16	41.35	40.17	4.66	ppb
Copper	63-2	210.01	226.53	227.44	221.33	4.43	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				106		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	93620.22	100959.78	102057.40	98879.14	4.64	ppb
Iron	57-2	92865.58	101617.11	100920.76	98467.82	4.94	ppb
Iron	54-2	93486.94	101614.39	101645.83	98915.72	4.75	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-17	Instrumnet Name :	P7
Client Sample ID :	MYD4N6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:41:57	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	142.76	143.55	144.58	143.63	0.63	ppb
Lead	207-1	144.66	146.24	146.46	145.79	0.67	ppb
Lead	208-1	143.36	144.31	144.69	144.12	0.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	16150.50	17264.36	17544.41	16986.42	4.34	ppb
Manganese	55-2	1672.21	1802.64	1813.91	1762.92	4.47	ppb
Molybdenum	94-1	15.37	15.05	15.30	15.24	1.10	ppb
Molybdenum	95-1	1.55	1.57	1.57	1.56	0.52	ppb
Molybdenum	96-1	3.72	3.76	3.70	3.73	0.75	ppb
Molybdenum	97-1	1.50	1.57	1.56	1.55	2.38	ppb
Molybdenum	98-1	1.49	1.55	1.47	1.50	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.24	44.64	45.97	44.28	4.27	ppb
Phosphorus	31-2	2893.09	3099.36	3145.65	3046.03	4.41	ppb
Potassium	39-2	8111.07	8828.07	8778.21	8572.45	4.67	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	1.83	2.19	1.18	1.73	29.65	ppb
Selenium	77-2	13.96	15.39	10.67	13.34	18.12	ppb
Selenium	78-2	2.78	2.86	4.50	3.38	28.79	ppb
Silicon	28-1	1227.23	1245.85	1265.95	1246.34	1.55	ppb
Silver	107-1	0.81	0.80	0.79	0.80	0.94	ppb
Silver	109-1	0.78	0.78	0.80	0.79	0.98	ppb
Sodium	23-2	201.56	218.20	223.38	214.38	5.32	ppb
Strontium	86-1	64.10	65.32	65.30	64.91	1.08	ppb
Strontium	88-1	64.69	65.25	65.29	65.08	0.52	ppb
Sulfur	34-1	258.71	97.55	119.74	158.67	55.05	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.36	0.35	0.35	0.35	1.91	ppb
Thallium	205-1	0.35	0.34	0.34	0.34	0.79	ppb
Tin	118-1	1.83	1.78	1.85	1.82	2.06	ppb
Titanium	47-1	1001.68	1014.80	1016.08	1010.85	0.79	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-17	Instrumnet Name :	P7
Client Sample ID :	MYD4N6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:41:57	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.91	0.94	0.91	0.92	1.62	ppb
Vanadium	51-2	148.69	159.72	161.49	156.63	4.43	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	472.01	512.46	514.23	499.56	4.78	ppb
Zirconium	90-1	7.77	7.89	7.74	7.80	0.97	ppb
Zirconium	91-1	7.88	7.83	7.96	7.89	0.82	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-18	Instrumnet Name :	P7
Client Sample ID :	MYD4N7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:45:10	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27650.38	27480.56	27474.30	27535.08	0.36	ppb
Antimony	121-1	2.75	2.66	2.74	2.72	1.77	ppb
Arsenic	75-2	87.43	90.26	88.73	88.81	1.59	ppb
Barium	135-1	286.06	289.89	290.47	288.81	0.83	ppb
Barium	137-1	288.11	289.49	290.09	289.23	0.35	ppb
Beryllium	9-1	1.09	1.19	1.11	1.13	4.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.88	2.32	2.94	2.71	12.58	ppb
Cadmium	106-1	2.27	1.35	1.58	1.73	27.47	ppb
Cadmium	111-1	2.45	2.46	2.44	2.45	0.36	ppb
Calcium	43-1	11148.99	11244.93	11385.85	11259.92	1.06	ppb
Calcium	44-1	10244.90	10454.88	10606.21	10435.33	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.08	36.90	36.53	36.50	1.13	ppb
Cobalt	59-2	34.84	35.43	34.60	34.96	1.21	ppb
Copper	63-2	265.31	269.00	265.91	266.74	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	78267.22	78948.45	77957.06	78390.91	0.65	ppb
Iron	57-2	77511.15	78308.73	77459.69	77759.86	0.61	ppb
Iron	54-2	77633.78	78539.22	77823.43	77998.81	0.61	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-18	Instrumnet Name :	P7
Client Sample ID :	MYD4N7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:45:10	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	103.27	103.78	103.69	103.58	0.26	ppb
Lead	207-1	104.88	105.93	105.96	105.59	0.58	ppb
Lead	208-1	103.56	104.66	104.27	104.16	0.54	ppb
Lithium	6-1				103		%
Magnesium	24-2	13686.87	13931.13	13731.27	13783.09	0.94	ppb
Manganese	55-2	1855.51	1900.19	1845.27	1866.99	1.56	ppb
Molybdenum	94-1	10.53	10.71	10.88	10.71	1.64	ppb
Molybdenum	95-1	1.46	1.50	1.53	1.50	2.34	ppb
Molybdenum	96-1	3.00	3.04	3.08	3.04	1.39	ppb
Molybdenum	97-1	1.49	1.49	1.45	1.48	1.60	ppb
Molybdenum	98-1	1.39	1.43	1.41	1.41	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.32	37.58	36.88	36.92	1.71	ppb
Phosphorus	31-2	2713.27	2646.38	2621.72	2660.46	1.78	ppb
Potassium	39-2	7850.19	7944.54	7975.82	7923.52	0.83	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	1.04	1.22	0.53	0.93	38.40	ppb
Selenium	77-2	19.63	13.20	10.41	14.41	32.83	ppb
Selenium	78-2	2.59	5.19	2.14	3.31	49.83	ppb
Silicon	28-1	990.90	995.86	1002.65	996.47	0.59	ppb
Silver	107-1	0.86	0.84	0.90	0.87	3.23	ppb
Silver	109-1	0.85	0.85	0.86	0.85	0.49	ppb
Sodium	23-2	174.92	177.80	175.57	176.10	0.86	ppb
Strontium	86-1	47.45	48.44	47.93	47.94	1.03	ppb
Strontium	88-1	47.39	48.28	48.50	48.06	1.22	ppb
Sulfur	34-1	-368.42	-357.86	-279.22	-335.17		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.27	0.28	0.27	1.13	ppb
Thallium	205-1	0.26	0.27	0.27	0.27	2.59	ppb
Tin	118-1	1.87	1.85	1.90	1.87	1.35	ppb
Titanium	47-1	701.61	708.08	716.33	708.67	1.04	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-18	Instrumnet Name :	P7
Client Sample ID :	MYD4N7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:45:10	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.74	0.77	0.77	0.76	1.91	ppb
Vanadium	51-2	113.54	115.12	114.54	114.40	0.70	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	364.69	369.57	359.26	364.51	1.41	ppb
Zirconium	90-1	5.16	5.35	5.34	5.28	2.03	ppb
Zirconium	91-1	5.20	5.42	5.33	5.32	2.07	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-19	Instrumnet Name :	P7
Client Sample ID :	MYD4N8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:48:21	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30344.81	29928.03	30446.95	30239.93	0.91	ppb
Antimony	121-1	1.92	1.93	2.03	1.96	3.03	ppb
Arsenic	75-2	79.25	81.03	80.21	80.16	1.11	ppb
Barium	135-1	336.20	343.04	358.83	346.02	3.35	ppb
Barium	137-1	338.95	345.45	362.94	349.11	3.55	ppb
Beryllium	9-1	1.35	1.41	1.47	1.41	4.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.98	2.57	2.55	2.70	8.83	ppb
Cadmium	106-1	2.54	1.24	3.61	2.46	48.30	ppb
Cadmium	111-1	2.47	2.58	2.56	2.54	2.46	ppb
Calcium	43-1	11517.69	11891.56	12394.45	11934.57	3.69	ppb
Calcium	44-1	10983.31	11086.14	11465.54	11178.33	2.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.61	41.48	41.80	41.63	0.38	ppb
Cobalt	59-2	42.44	42.34	42.67	42.49	0.39	ppb
Copper	63-2	207.61	203.75	207.90	206.42	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	88516.80	86396.32	87288.33	87400.48	1.22	ppb
Iron	57-2	87255.37	84710.48	87202.58	86389.48	1.68	ppb
Iron	54-2	87339.99	86178.44	86897.97	86805.47	0.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-19	Instrumnet Name :	P7
Client Sample ID :	MYD4N8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:48:21	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.73	82.19	85.82	82.91	3.16	ppb
Lead	207-1	80.51	81.30	85.22	82.34	3.06	ppb
Lead	208-1	80.35	81.62	85.01	82.33	2.93	ppb
Lithium	6-1				101		%
Magnesium	24-2	13185.75	13039.76	13015.10	13080.20	0.71	ppb
Manganese	55-2	2085.40	2037.35	2026.74	2049.83	1.53	ppb
Molybdenum	94-1	11.08	11.07	11.86	11.34	4.01	ppb
Molybdenum	95-1	1.31	1.37	1.44	1.37	5.04	ppb
Molybdenum	96-1	2.92	3.01	3.10	3.01	2.86	ppb
Molybdenum	97-1	1.24	1.32	1.42	1.33	6.74	ppb
Molybdenum	98-1	1.30	1.28	1.32	1.30	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.25	42.28	43.60	43.04	1.58	ppb
Phosphorus	31-2	2406.80	2376.43	2388.44	2390.56	0.64	ppb
Potassium	39-2	8444.19	8266.31	8241.59	8317.36	1.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	2.08	1.15	1.61	1.61	28.88	ppb
Selenium	77-2	16.61	16.57	15.04	16.08	5.57	ppb
Selenium	78-2	3.18	2.21	2.96	2.78	18.35	ppb
Silicon	28-1	1015.48	1033.76	1073.45	1040.90	2.85	ppb
Silver	107-1	0.52	0.54	0.61	0.56	8.18	ppb
Silver	109-1	0.49	0.52	0.58	0.53	8.53	ppb
Sodium	23-2	208.72	208.23	207.50	208.15	0.29	ppb
Strontium	86-1	59.88	61.57	64.11	61.85	3.44	ppb
Strontium	88-1	60.54	61.50	64.15	62.06	3.01	ppb
Sulfur	34-1	-658.61	-616.42	-423.02	-566.02		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.32	0.28	0.32	0.31	8.20	ppb
Thallium	205-1	0.30	0.30	0.31	0.30	2.56	ppb
Tin	118-1	1.82	1.92	1.96	1.90	3.85	ppb
Titanium	47-1	1203.92	1229.82	1276.68	1236.81	2.98	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-19	Instrumnet Name :	P7
Client Sample ID :	MYD4N8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:48:21	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.10	1.10	1.09	2.03	ppb
Vanadium	51-2	152.27	149.55	150.43	150.75	0.92	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	302.78	293.81	300.66	299.08	1.57	ppb
Zirconium	90-1	5.58	5.80	6.02	5.80	3.77	ppb
Zirconium	91-1	5.67	5.92	6.18	5.92	4.32	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-20	Instrumnet Name :	P7
Client Sample ID :	MYD4P0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:51:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42079.50	41787.80	41181.49	41682.93	1.10	ppb
Antimony	121-1	1.05	1.04	1.02	1.04	1.39	ppb
Arsenic	75-2	51.57	50.20	51.66	51.14	1.61	ppb
Barium	135-1	400.05	401.66	401.15	400.95	0.21	ppb
Barium	137-1	403.12	404.68	405.13	404.31	0.26	ppb
Beryllium	9-1	1.45	1.62	1.52	1.53	5.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.57	1.13	1.35	1.35	16.44	ppb
Cadmium	106-1	0.77	2.36	0.95	1.36	64.12	ppb
Cadmium	111-1	1.20	1.25	1.08	1.18	7.33	ppb
Calcium	43-1	16104.17	16037.70	16025.81	16055.89	0.26	ppb
Calcium	44-1	14721.12	14876.59	14692.35	14763.35	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.77	44.24	43.91	44.30	0.98	ppb
Cobalt	59-2	44.37	44.73	44.47	44.52	0.41	ppb
Copper	63-2	116.27	116.95	114.99	116.07	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	96224.59	96232.51	96065.37	96174.16	0.10	ppb
Iron	57-2	96067.33	95160.32	94865.38	95364.34	0.66	ppb
Iron	54-2	96305.57	96529.90	95141.14	95992.20	0.78	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-20	Instrumnet Name :	P7
Client Sample ID :	MYD4P0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:51:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.48	43.66	44.51	44.21	1.09	ppb
Lead	207-1	42.69	43.10	43.67	43.15	1.14	ppb
Lead	208-1	43.35	43.21	43.84	43.46	0.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	17370.28	17567.34	17265.40	17401.01	0.88	ppb
Manganese	55-2	2313.19	2328.10	2323.34	2321.54	0.33	ppb
Molybdenum	94-1	13.89	14.04	14.08	14.00	0.73	ppb
Molybdenum	95-1	1.04	1.03	1.03	1.03	0.90	ppb
Molybdenum	96-1	3.12	3.08	3.17	3.12	1.38	ppb
Molybdenum	97-1	1.05	0.99	1.05	1.03	3.29	ppb
Molybdenum	98-1	0.95	0.98	0.98	0.97	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.60	43.59	42.80	43.66	2.07	ppb
Phosphorus	31-2	2082.08	2056.43	2076.90	2071.80	0.65	ppb
Potassium	39-2	10889.04	10848.42	10805.50	10847.65	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.66	1.00	1.36	1.01	34.90	ppb
Selenium	77-2	15.50	19.92	14.80	16.74	16.57	ppb
Selenium	78-2	2.39	3.20	3.53	3.04	19.29	ppb
Silicon	28-1	1280.24	1280.37	1274.08	1278.23	0.28	ppb
Silver	107-1	0.29	0.32	0.30	0.30	3.85	ppb
Silver	109-1	0.31	0.28	0.28	0.29	5.64	ppb
Sodium	23-2	223.95	220.37	222.52	222.28	0.81	ppb
Strontium	86-1	76.17	76.83	77.56	76.85	0.90	ppb
Strontium	88-1	76.85	77.15	77.56	77.19	0.46	ppb
Sulfur	34-1	-272.19	-384.10	-372.47	-342.92		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.29	0.30	0.32	0.30	5.71	ppb
Thallium	205-1	0.30	0.30	0.30	0.30	0.42	ppb
Tin	118-1	2.07	2.08	2.08	2.07	0.23	ppb
Titanium	47-1	1329.40	1316.62	1316.74	1320.92	0.56	ppb

Reviewed By:Mohan
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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-20	Instrumnet Name :	P7
Client Sample ID :	MYD4P0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:51:33	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.96	0.98	0.97	0.80	ppb
Vanadium	51-2	154.05	154.97	153.73	154.25	0.42	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	237.19	239.65	234.86	237.24	1.01	ppb
Zirconium	90-1	7.38	7.40	7.45	7.41	0.53	ppb
Zirconium	91-1	7.41	7.57	7.37	7.45	1.37	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-21	Instrumnet Name :	P7
Client Sample ID :	MYD4P1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:54:42	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43627.38	43869.28	43798.80	43765.15	0.28	ppb
Antimony	121-1	0.88	0.91	0.91	0.90	1.90	ppb
Arsenic	75-2	64.26	64.51	64.66	64.48	0.32	ppb
Barium	135-1	290.21	294.50	297.70	294.14	1.28	ppb
Barium	137-1	290.83	296.70	300.28	295.94	1.61	ppb
Beryllium	9-1	1.46	1.51	1.47	1.48	1.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.20	1.74	1.34	26.47	ppb
Cadmium	106-1	1.23	1.60	1.88	1.57	20.71	ppb
Cadmium	111-1	0.97	0.99	1.02	1.00	2.60	ppb
Calcium	43-1	76096.06	77014.97	76809.69	76640.24	0.63	ppb
Calcium	44-1	71139.16	71643.78	71313.75	71365.56	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.52	50.96	50.47	50.65	0.53	ppb
Cobalt	59-2	44.38	45.01	44.30	44.56	0.87	ppb
Copper	63-2	94.03	94.29	93.86	94.06	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	95763.72	95695.60	94962.31	95473.88	0.47	ppb
Iron	57-2	95293.65	94919.64	94571.45	94928.25	0.38	ppb
Iron	54-2	95292.28	96141.58	95132.01	95521.95	0.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-21	Instrumnet Name :	P7
Client Sample ID :	MYD4P1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:54:42	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.00	35.06	35.62	35.23	0.98	ppb
Lead	207-1	33.38	33.23	33.56	33.39	0.49	ppb
Lead	208-1	33.83	33.77	34.27	33.95	0.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	22251.79	22578.39	22373.19	22401.12	0.74	ppb
Manganese	55-2	2022.87	2044.41	2006.87	2024.71	0.93	ppb
Molybdenum	94-1	17.00	17.12	17.07	17.06	0.35	ppb
Molybdenum	95-1	1.12	1.06	1.17	1.12	4.63	ppb
Molybdenum	96-1	3.45	3.49	3.44	3.46	0.72	ppb
Molybdenum	97-1	1.04	1.10	1.07	1.07	2.66	ppb
Molybdenum	98-1	1.05	1.03	1.12	1.07	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.78	51.73	49.86	51.12	2.14	ppb
Phosphorus	31-2	2771.58	2789.66	2702.78	2754.67	1.66	ppb
Potassium	39-2	5506.69	5472.49	5415.33	5464.84	0.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	1.01	0.55	1.14	0.90	34.39	ppb
Selenium	77-2	15.28	17.33	15.22	15.94	7.52	ppb
Selenium	78-2	2.72	1.38	4.51	2.87	54.76	ppb
Silicon	28-1	1285.68	1288.36	1297.95	1290.66	0.50	ppb
Silver	107-1	0.12	0.13	0.13	0.13	4.42	ppb
Silver	109-1	0.11	0.12	0.13	0.12	4.80	ppb
Sodium	23-2	228.40	230.66	230.20	229.76	0.52	ppb
Strontium	86-1	75.52	75.41	76.39	75.77	0.71	ppb
Strontium	88-1	75.19	75.55	76.29	75.67	0.74	ppb
Sulfur	34-1	266.05	373.75	291.83	310.54	18.11	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.28	0.26	0.26	0.27	5.43	ppb
Thallium	205-1	0.25	0.24	0.25	0.25	1.27	ppb
Tin	118-1	1.36	1.42	1.44	1.41	2.97	ppb
Titanium	47-1	706.73	720.41	710.97	712.70	0.98	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-21	Instrumnet Name :	P7
Client Sample ID :	MYD4P1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:54:42	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.79	0.80	0.80	1.91	ppb
Vanadium	51-2	150.82	149.31	149.01	149.71	0.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	231.66	232.24	231.88	231.93	0.13	ppb
Zirconium	90-1	8.97	9.02	9.15	9.05	0.98	ppb
Zirconium	91-1	9.06	8.98	9.25	9.09	1.52	ppb

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-22	Instrumnet Name :	P7
Client Sample ID :	MYD4P2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:57:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35166.04	39962.37	37571.98	37566.79	6.38	ppb
Antimony	121-1	1.47	1.39	1.43	1.43	2.69	ppb
Arsenic	75-2	77.02	87.22	81.13	81.79	6.28	ppb
Barium	135-1	356.81	351.46	362.60	356.96	1.56	ppb
Barium	137-1	357.85	356.50	367.00	360.45	1.59	ppb
Beryllium	9-1	1.69	1.63	1.47	1.60	7.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	1.99	2.01	2.06	5.20	ppb
Cadmium	106-1	0.80	1.80	0.67	1.09	56.73	ppb
Cadmium	111-1	1.63	1.53	1.67	1.61	4.48	ppb
Calcium	43-1	12611.84	12862.55	12756.96	12743.78	0.99	ppb
Calcium	44-1	11636.39	11996.40	11981.85	11871.55	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.53	51.67	49.34	49.18	5.24	ppb
Cobalt	59-2	42.32	46.77	45.41	44.83	5.09	ppb
Copper	63-2	131.55	149.45	141.36	140.78	6.36	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				104		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	92093.22	103808.68	98681.01	98194.30	5.98	ppb
Iron	57-2	91478.12	102384.49	98493.12	97451.91	5.67	ppb
Iron	54-2	91392.41	103575.62	98695.92	97887.98	6.26	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-22	Instrumnet Name :	P7
Client Sample ID :	MYD4P2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:57:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	59.51	59.11	60.38	59.66	1.10	ppb
Lead	207-1	59.25	59.72	59.51	59.49	0.39	ppb
Lead	208-1	59.10	59.17	59.71	59.33	0.57	ppb
Lithium	6-1				102		%
Magnesium	24-2	13793.13	15499.95	14528.64	14607.24	5.86	ppb
Manganese	55-2	1855.21	2105.37	1967.34	1975.98	6.34	ppb
Molybdenum	94-1	13.55	13.92	14.06	13.84	1.89	ppb
Molybdenum	95-1	1.19	1.22	1.19	1.20	1.26	ppb
Molybdenum	96-1	3.14	3.26	3.29	3.23	2.48	ppb
Molybdenum	97-1	1.19	1.22	1.20	1.20	1.36	ppb
Molybdenum	98-1	1.15	1.19	1.12	1.15	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.68	51.49	48.63	48.93	4.95	ppb
Phosphorus	31-2	2348.43	2614.48	2611.00	2524.64	6.04	ppb
Potassium	39-2	9007.91	10001.55	9637.74	9549.07	5.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	1.17	0.86	1.52	1.18	27.92	ppb
Selenium	77-2	16.20	15.39	19.07	16.89	11.45	ppb
Selenium	78-2	2.46	4.35	1.93	2.92	43.64	ppb
Silicon	28-1	1207.09	1234.31	1228.77	1223.39	1.18	ppb
Silver	107-1	0.39	0.38	0.40	0.39	2.49	ppb
Silver	109-1	0.37	0.36	0.39	0.37	4.68	ppb
Sodium	23-2	205.91	233.51	219.45	219.63	6.28	ppb
Strontium	86-1	64.72	66.50	66.78	66.00	1.69	ppb
Strontium	88-1	65.03	66.22	66.75	66.00	1.34	ppb
Sulfur	34-1	-332.21	-399.46	-487.39	-406.35		ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	0.31	0.29	0.31	0.30	4.03	ppb
Thallium	205-1	0.29	0.30	0.30	0.29	2.20	ppb
Tin	118-1	1.53	1.61	1.62	1.59	2.91	ppb
Titanium	47-1	1073.35	1097.84	1098.68	1089.96	1.32	ppb

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-22	Instrumnet Name :	P7
Client Sample ID :	MYD4P2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:57:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.13	1.14	1.17	1.15	1.53	ppb
Vanadium	51-2	155.37	176.29	165.75	165.80	6.31	ppb
Yttrium	89-1				108		%
Yttrium	89-2				99		%
Zinc	66-2	267.75	296.59	287.78	284.04	5.20	ppb
Zirconium	90-1	7.15	7.20	7.26	7.20	0.81	ppb
Zirconium	91-1	7.14	7.15	7.34	7.21	1.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:01:11	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31498.13	32210.89	31368.53	31692.52	1.43	ppb
Antimony	121-1	2.47	2.59	2.58	2.55	2.54	ppb
Arsenic	75-2	149.96	147.87	146.57	148.13	1.15	ppb
Barium	135-1	268.20	269.78	268.08	268.69	0.35	ppb
Barium	137-1	269.12	270.24	270.95	270.10	0.34	ppb
Beryllium	9-1	1.53	1.66	1.58	1.59	4.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.60	2.93	2.62	2.72	6.76	ppb
Cadmium	106-1	2.07	1.83	2.03	1.98	6.64	ppb
Cadmium	111-1	2.47	2.56	2.54	2.53	1.87	ppb
Calcium	43-1	11284.53	11536.53	11607.00	11476.02	1.48	ppb
Calcium	44-1	10663.72	10711.13	10766.19	10713.68	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.50	41.29	41.17	41.32	0.41	ppb
Cobalt	59-2	45.96	46.16	45.11	45.74	1.23	ppb
Copper	63-2	196.02	197.28	195.93	196.41	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	102360.82	103332.12	102630.43	102774.46	0.49	ppb
Iron	57-2	101486.61	101231.48	100277.78	100998.62	0.63	ppb
Iron	54-2	102842.83	102298.71	101619.63	102253.72	0.60	ppb
Krypton	83-1						cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:01:11	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	111.06	112.21	111.79	111.69	0.52	ppb
Lead	207-1	111.91	114.50	114.51	113.64	1.32	ppb
Lead	208-1	111.48	112.73	112.79	112.33	0.66	ppb
Lithium	6-1				101		%
Magnesium	24-2	12779.64	12738.73	12680.55	12732.98	0.39	ppb
Manganese	55-2	1829.27	1829.39	1829.03	1829.23	0.01	ppb
Molybdenum	94-1	13.78	14.42	14.19	14.13	2.29	ppb
Molybdenum	95-1	1.57	1.50	1.52	1.53	2.36	ppb
Molybdenum	96-1	3.62	3.74	3.65	3.67	1.67	ppb
Molybdenum	97-1	1.46	1.47	1.62	1.51	5.76	ppb
Molybdenum	98-1	1.51	1.48	1.51	1.50	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.31	37.87	37.82	37.67	0.82	ppb
Phosphorus	31-2	2676.40	2692.44	2679.33	2682.72	0.32	ppb
Potassium	39-2	7808.43	7890.08	7780.07	7826.20	0.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	2.22	1.12	1.57	1.64	33.80	ppb
Selenium	77-2	10.69	13.97	14.51	13.06	15.83	ppb
Selenium	78-2	3.53	1.71	2.99	2.75	34.00	ppb
Silicon	28-1	1259.16	1280.29	1285.12	1274.85	1.08	ppb
Silver	107-1	0.73	0.71	0.71	0.72	1.85	ppb
Silver	109-1	0.72	0.71	0.78	0.73	5.32	ppb
Sodium	23-2	194.71	196.00	198.13	196.28	0.88	ppb
Strontium	86-1	60.16	61.77	61.21	61.05	1.34	ppb
Strontium	88-1	60.78	62.00	62.03	61.60	1.16	ppb
Sulfur	34-1	-475.15	-431.81	-507.27	-471.41		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.31	0.33	0.34	0.33	4.88	ppb
Thallium	205-1	0.31	0.32	0.32	0.32	2.76	ppb
Tin	118-1	1.84	1.84	2.02	1.90	5.26	ppb
Titanium	47-1	1475.22	1509.79	1506.18	1497.06	1.27	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:01:11	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.04	1.02	1.03	0.91	ppb
Vanadium	51-2	187.32	186.83	186.53	186.89	0.22	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	427.84	429.41	431.39	429.55	0.42	ppb
Zirconium	90-1	7.28	7.35	7.36	7.33	0.63	ppb
Zirconium	91-1	7.42	7.38	7.44	7.41	0.38	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:04:24	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31681.42	32097.07	32130.21	31969.56	0.78	ppb
Antimony	121-1	2.58	2.61	2.58	2.59	0.67	ppb
Arsenic	75-2	146.61	143.96	144.48	145.02	0.97	ppb
Barium	135-1	267.41	269.59	272.30	269.77	0.91	ppb
Barium	137-1	267.92	270.67	272.30	270.30	0.82	ppb
Beryllium	9-1	1.66	1.56	1.70	1.64	4.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.42	2.75	2.99	2.72	10.49	ppb
Cadmium	106-1	2.85	1.86	2.41	2.37	20.77	ppb
Cadmium	111-1	2.59	2.53	2.54	2.55	1.20	ppb
Calcium	43-1	11522.22	11615.83	11636.92	11591.65	0.53	ppb
Calcium	44-1	10789.74	10787.02	10824.41	10800.39	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.28	41.68	42.52	42.16	1.02	ppb
Cobalt	59-2	45.00	44.47	45.56	45.01	1.21	ppb
Copper	63-2	197.09	194.70	197.43	196.41	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	103621.03	101202.88	102624.70	102482.87	1.19	ppb
Iron	57-2	101557.43	99905.86	101230.33	100897.87	0.87	ppb
Iron	54-2	103155.08	102121.13	102753.97	102676.73	0.51	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:04:24	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.71	110.72	111.42	110.62	0.78	ppb
Lead	207-1	112.88	112.98	113.26	113.04	0.17	ppb
Lead	208-1	111.46	111.71	112.51	111.89	0.49	ppb
Lithium	6-1				102		%
Magnesium	24-2	12793.97	12518.93	12732.25	12681.71	1.14	ppb
Manganese	55-2	1878.08	1831.29	1823.64	1844.34	1.60	ppb
Molybdenum	94-1	14.44	14.56	14.45	14.48	0.47	ppb
Molybdenum	95-1	1.48	1.49	1.46	1.48	0.94	ppb
Molybdenum	96-1	3.70	3.71	3.65	3.69	0.83	ppb
Molybdenum	97-1	1.47	1.50	1.43	1.47	2.19	ppb
Molybdenum	98-1	1.51	1.50	1.50	1.51	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.12	37.66	37.98	37.92	0.62	ppb
Phosphorus	31-2	2686.88	2734.74	2669.51	2697.05	1.25	ppb
Potassium	39-2	7910.42	7718.04	7784.58	7804.35	1.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	1.21	1.07	0.60	0.96	32.98	ppb
Selenium	77-2	12.22	13.64	14.04	13.30	7.20	ppb
Selenium	78-2	3.94	2.98	2.16	3.03	29.45	ppb
Silicon	28-1	1286.30	1291.16	1286.54	1288.00	0.21	ppb
Silver	107-1	0.69	0.67	0.73	0.70	3.94	ppb
Silver	109-1	0.70	0.69	0.72	0.70	1.88	ppb
Sodium	23-2	199.29	200.10	200.48	199.95	0.30	ppb
Strontium	86-1	61.23	62.31	61.72	61.75	0.88	ppb
Strontium	88-1	62.02	62.58	62.05	62.22	0.51	ppb
Sulfur	34-1	-484.99	-471.34	-495.51	-483.94		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.30	0.31	0.30	3.12	ppb
Thallium	205-1	0.32	0.31	0.31	0.31	1.38	ppb
Tin	118-1	1.95	1.89	2.05	1.96	4.15	ppb
Titanium	47-1	1540.47	1551.60	1545.31	1545.79	0.36	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:04:24	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.04	1.04	1.03	0.44	ppb
Vanadium	51-2	189.35	185.94	187.42	187.57	0.91	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	425.85	424.10	432.32	427.42	1.01	ppb
Zirconium	90-1	7.43	7.58	7.53	7.51	1.03	ppb
Zirconium	91-1	7.20	7.60	7.45	7.41	2.72	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 15:07:34	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6479.71	6521.77	6545.22	6515.57	0.51	ppb
Antimony	121-1	0.53	0.46	0.51	0.50	6.83	ppb
Arsenic	75-2	29.13	29.31	30.85	29.76	3.17	ppb
Barium	135-1	53.58	52.03	53.09	52.90	1.50	ppb
Barium	137-1	52.92	53.17	53.84	53.31	0.89	ppb
Beryllium	9-1	0.35	0.27	0.35	0.32	13.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.70	0.37	0.53	0.53	30.43	ppb
Cadmium	106-1	-1.65	-3.25	-1.92	-2.27		ppb
Cadmium	111-1	0.50	0.41	0.48	0.46	9.35	ppb
Calcium	43-1	2288.70	2344.83	2414.39	2349.31	2.68	ppb
Calcium	44-1	2304.47	2330.33	2350.46	2328.42	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.06	8.17	8.20	8.14	0.87	ppb
Cobalt	59-2	9.09	9.15	9.28	9.17	1.09	ppb
Copper	63-2	39.80	40.23	39.73	39.92	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	20219.26	20720.22	20583.84	20507.77	1.26	ppb
Iron	57-2	21534.76	21761.18	21732.58	21676.18	0.57	ppb
Iron	54-2	20498.39	20712.30	20658.85	20623.18	0.54	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 15:07:34	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.26	22.04	21.89	21.73	1.89	ppb
Lead	207-1	21.43	22.87	22.61	22.30	3.45	ppb
Lead	208-1	21.27	22.29	22.30	21.95	2.71	ppb
Lithium	6-1				100		%
Magnesium	24-2	2598.83	2612.31	2621.59	2610.91	0.44	ppb
Manganese	55-2	370.46	377.45	377.61	375.17	1.09	ppb
Molybdenum	94-1	2.77	2.91	2.98	2.89	3.75	ppb
Molybdenum	95-1	0.31	0.30	0.30	0.30	1.71	ppb
Molybdenum	96-1	0.71	0.74	0.73	0.73	2.05	ppb
Molybdenum	97-1	0.30	0.31	0.32	0.31	3.17	ppb
Molybdenum	98-1	0.30	0.33	0.32	0.31	4.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.33	7.64	7.81	7.59	3.23	ppb
Phosphorus	31-2	522.75	518.07	520.02	520.28	0.45	ppb
Potassium	39-2	1657.92	1658.30	1691.41	1669.21	1.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-1.21	-0.21	-0.63	-0.69		ppb
Selenium	77-2	2.96	2.94	2.97	2.95	0.56	ppb
Selenium	78-2	0.77	-0.13	0.05	0.23	206.21	ppb
Silicon	28-1	260.08	259.92	264.12	261.37	0.91	ppb
Silver	107-1	0.15	0.14	0.14	0.14	1.32	ppb
Silver	109-1	0.14	0.15	0.15	0.14	2.60	ppb
Sodium	23-2	56.71	57.04	56.23	56.66	0.71	ppb
Strontium	86-1	12.38	12.94	12.50	12.61	2.33	ppb
Strontium	88-1	12.25	12.53	12.75	12.51	2.01	ppb
Sulfur	34-1	-600.06	-551.29	-358.48	-503.28		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.05	0.05	0.06	4.55	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	9.20	ppb
Tin	118-1	0.38	0.37	0.38	0.38	1.09	ppb
Titanium	47-1	294.67	304.04	304.80	301.17	1.87	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 15:07:34	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.20	0.20	1.76	ppb
Vanadium	51-2	36.90	37.31	37.68	37.30	1.04	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	85.04	87.01	88.13	86.73	1.80	ppb
Zirconium	90-1	1.43	1.50	1.48	1.47	2.54	ppb
Zirconium	91-1	1.42	1.51	1.52	1.49	3.80	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:10:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34424.94	32100.47	33069.40	33198.27	3.52	ppb
Antimony	121-1	60.78	60.74	61.33	60.95	0.54	ppb
Arsenic	75-2	176.34	159.64	171.44	169.14	5.07	ppb
Barium	135-1	1471.49	1503.56	1513.85	1496.30	1.48	ppb
Barium	137-1	1493.20	1467.40	1503.87	1488.16	1.26	ppb
Beryllium	9-1	31.80	31.55	31.49	31.61	0.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	28.09	30.92	31.26	30.09	5.78	ppb
Cadmium	106-1	24.93	27.11	26.15	26.06	4.21	ppb
Cadmium	111-1	30.78	30.56	30.87	30.74	0.52	ppb
Calcium	43-1	11732.58	11775.88	11795.33	11767.93	0.27	ppb
Calcium	44-1	10940.18	11016.02	10906.25	10954.15	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	166.78	152.52	159.52	159.61	4.47	ppb
Cobalt	59-2	356.24	326.25	340.69	341.06	4.40	ppb
Copper	63-2	354.30	326.68	341.49	340.82	4.05	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				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	110148.05	100205.81	105544.06	105299.31	4.73	ppb
Iron	57-2	109222.11	100148.88	103866.07	104412.35	4.37	ppb
Iron	54-2	108998.87	100442.26	104691.51	104710.88	4.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:10:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	123.15	124.52	123.93	123.87	0.55	ppb
Lead	207-1	125.17	127.74	127.58	126.83	1.13	ppb
Lead	208-1	123.75	126.12	125.81	125.23	1.03	ppb
Lithium	6-1				99		%
Magnesium	24-2	13407.06	12524.01	13016.68	12982.58	3.41	ppb
Manganese	55-2	2240.19	2075.88	2148.08	2154.72	3.82	ppb
Molybdenum	94-1	14.83	14.88	14.73	14.81	0.49	ppb
Molybdenum	95-1	1.51	1.52	1.52	1.52	0.51	ppb
Molybdenum	96-1	3.73	3.68	3.67	3.70	0.92	ppb
Molybdenum	97-1	1.41	1.62	1.60	1.54	7.72	ppb
Molybdenum	98-1	1.48	1.62	1.52	1.54	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	349.95	318.00	336.34	334.77	4.79	ppb
Phosphorus	31-2	2863.13	2599.39	2784.13	2748.88	4.92	ppb
Potassium	39-2	8309.59	7553.51	7944.59	7935.90	4.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	63.46	61.82	62.57	62.62	1.31	ppb
Selenium	77-2	76.35	64.60	72.11	71.02	8.38	ppb
Selenium	78-2	61.35	57.73	61.17	60.08	3.39	ppb
Silicon	28-1	1329.92	1332.58	1333.37	1331.96	0.14	ppb
Silver	107-1	31.35	31.47	31.59	31.47	0.38	ppb
Silver	109-1	31.47	31.20	31.37	31.34	0.43	ppb
Sodium	23-2	189.75	176.70	188.26	184.90	3.86	ppb
Strontium	86-1	62.20	63.05	62.50	62.58	0.69	ppb
Strontium	88-1	62.71	63.12	63.07	62.97	0.36	ppb
Sulfur	34-1	-414.10	-401.28	-442.42	-419.27		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	26.25	26.94	26.81	26.67	1.37	ppb
Thallium	205-1	26.47	26.72	26.71	26.63	0.53	ppb
Tin	118-1	1.86	1.99	1.99	1.95	3.69	ppb
Titanium	47-1	1539.42	1552.86	1540.90	1544.39	0.48	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:10:49	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.06	1.07	1.05	1.06	0.69	ppb
Vanadium	51-2	498.54	455.66	478.63	477.61	4.49	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	759.06	691.07	724.42	724.85	4.69	ppb
Zirconium	90-1	7.50	7.60	7.58	7.56	0.67	ppb
Zirconium	91-1	7.50	7.74	7.63	7.62	1.58	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:13:57	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36810.17	36537.26	37012.96	36786.80	0.65	ppb
Antimony	121-1	295.10	297.61	302.51	298.41	1.26	ppb
Arsenic	75-2	243.80	244.05	243.73	243.86	0.07	ppb
Barium	135-1	6036.13	6141.17	6084.86	6087.39	0.86	ppb
Barium	137-1	6038.11	6103.55	6017.85	6053.17	0.74	ppb
Beryllium	9-1	147.75	145.42	145.92	146.36	0.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	130.52	136.63	133.14	133.43	2.30	ppb
Cadmium	106-1	126.20	131.38	129.64	129.07	2.04	ppb
Cadmium	111-1	140.84	142.73	144.66	142.74	1.34	ppb
Calcium	43-1	11519.31	11721.37	11841.58	11694.09	1.39	ppb
Calcium	44-1	10628.96	10808.42	10880.00	10772.46	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	613.69	613.60	612.55	613.28	0.10	ppb
Cobalt	59-2	1472.95	1477.89	1473.48	1474.77	0.18	ppb
Copper	63-2	880.75	872.70	876.61	876.68	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	104784.07	106163.55	105708.18	105551.94	0.67	ppb
Iron	57-2	102974.45	104122.76	104862.93	103986.71	0.92	ppb
Iron	54-2	106156.81	106212.55	104901.33	105756.90	0.70	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:13:57	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	164.99	166.11	165.56	165.55	0.34	ppb
Lead	207-1	166.43	167.64	167.51	167.19	0.40	ppb
Lead	208-1	173.89	175.21	174.77	174.62	0.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	12527.74	12751.78	12693.83	12657.78	0.92	ppb
Manganese	55-2	3202.75	3186.05	3187.16	3191.99	0.29	ppb
Molybdenum	94-1	14.22	14.51	14.71	14.48	1.70	ppb
Molybdenum	95-1	1.62	1.59	1.64	1.62	1.62	ppb
Molybdenum	96-1	3.65	3.73	3.85	3.74	2.66	ppb
Molybdenum	97-1	1.53	1.58	1.57	1.56	1.69	ppb
Molybdenum	98-1	1.53	1.55	1.62	1.57	2.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1469.18	1468.48	1475.36	1471.01	0.26	ppb
Phosphorus	31-2	2624.29	2674.68	2625.72	2641.56	1.09	ppb
Potassium	39-2	7877.95	7791.06	7783.88	7817.63	0.67	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	296.03	300.60	303.64	300.09	1.28	ppb
Selenium	77-2	295.39	297.47	311.43	301.43	2.89	ppb
Selenium	78-2	287.59	282.01	292.13	287.24	1.76	ppb
Silicon	28-1	1306.63	1328.83	1341.78	1325.75	1.34	ppb
Silver	107-1	140.16	140.76	141.01	140.64	0.31	ppb
Silver	109-1	139.83	140.35	139.94	140.04	0.20	ppb
Sodium	23-2	184.85	186.66	189.07	186.86	1.13	ppb
Strontium	86-1	60.30	61.71	62.82	61.61	2.05	ppb
Strontium	88-1	60.79	62.18	62.94	61.97	1.76	ppb
Sulfur	34-1	-431.92	-393.03	-343.96	-389.64		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	132.65	134.24	134.47	133.79	0.74	ppb
Thallium	205-1	148.87	148.62	147.75	148.41	0.39	ppb
Tin	118-1	1.84	1.90	1.87	1.87	1.76	ppb
Titanium	47-1	1513.05	1534.06	1543.05	1530.05	1.01	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:13:57	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.03	1.02	1.03	1.41	ppb
Vanadium	51-2	1536.42	1533.10	1547.48	1539.00	0.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	1819.22	1818.07	1831.45	1822.91	0.41	ppb
Zirconium	90-1	7.31	7.44	7.55	7.43	1.58	ppb
Zirconium	91-1	7.26	7.57	7.49	7.44	2.14	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-04	Instrumnet Name :	P7
Client Sample ID :	MYD4S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:17:00	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48118.56	48356.24	48429.70	48301.50	0.34	ppb
Antimony	121-1	1.03	1.05	1.08	1.06	2.50	ppb
Arsenic	75-2	49.63	49.67	49.23	49.51	0.49	ppb
Barium	135-1	434.10	446.88	442.84	441.27	1.48	ppb
Barium	137-1	437.72	449.13	443.64	443.49	1.29	ppb
Beryllium	9-1	2.14	1.99	1.94	2.03	5.23	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.81	0.93	0.92	0.89	7.44	ppb
Cadmium	106-1	0.36	-0.25	0.29	0.13	257.52	ppb
Cadmium	111-1	0.73	0.74	0.76	0.74	1.93	ppb
Calcium	43-1	17231.22	17228.85	17316.81	17258.96	0.29	ppb
Calcium	44-1	15986.65	16005.42	16085.41	16025.83	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.86	46.76	47.14	46.92	0.42	ppb
Cobalt	59-2	40.12	40.11	41.00	40.41	1.27	ppb
Copper	63-2	107.56	108.06	108.34	107.99	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				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	99527.47	100890.92	100912.32	100443.57	0.79	ppb
Iron	57-2	98745.46	99112.62	99943.78	99267.29	0.62	ppb
Iron	54-2	99177.32	100852.36	99945.99	99991.89	0.84	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-04	Instrumnet Name :	P7
Client Sample ID :	MYD4S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:17:00	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.77	29.75	30.27	29.93	0.98	ppb
Lead	207-1	28.35	28.43	28.57	28.45	0.39	ppb
Lead	208-1	28.81	28.81	29.09	28.90	0.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	16960.67	17130.94	17178.89	17090.17	0.67	ppb
Manganese	55-2	1764.59	1793.57	1802.09	1786.75	1.10	ppb
Molybdenum	94-1	9.22	9.18	9.07	9.16	0.82	ppb
Molybdenum	95-1	1.00	0.99	1.01	1.00	1.11	ppb
Molybdenum	96-1	2.55	2.60	2.49	2.55	2.07	ppb
Molybdenum	97-1	1.05	0.96	1.02	1.01	4.52	ppb
Molybdenum	98-1	0.99	0.97	0.98	0.98	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.36	45.44	45.27	45.35	0.18	ppb
Phosphorus	31-2	2007.05	2054.88	2056.29	2039.41	1.37	ppb
Potassium	39-2	6340.87	6443.11	6362.35	6382.11	0.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1.21	1.51	0.91	1.21	25.10	ppb
Selenium	77-2	14.35	18.42	17.23	16.67	12.54	ppb
Selenium	78-2	3.27	2.78	2.19	2.74	19.80	ppb
Silicon	28-1	1214.57	1240.39	1204.20	1219.72	1.53	ppb
Silver	107-1	0.31	0.27	0.25	0.27	11.42	ppb
Silver	109-1	0.31	0.26	0.24	0.27	13.56	ppb
Sodium	23-2	203.94	209.17	211.44	208.18	1.85	ppb
Strontium	86-1	83.37	84.93	85.48	84.59	1.30	ppb
Strontium	88-1	85.85	86.49	85.20	85.85	0.75	ppb
Sulfur	34-1	-485.52	-568.47	-468.50	-507.50		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.28	0.27	0.27	0.27	2.87	ppb
Thallium	205-1	0.28	0.27	0.28	0.28	2.47	ppb
Tin	118-1	1.84	1.93	1.83	1.87	2.87	ppb
Titanium	47-1	951.88	957.36	959.43	956.22	0.41	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-04	Instrumnet Name :	P7
Client Sample ID :	MYD4S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:17:00	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.04	1.04	1.04	0.31	ppb
Vanadium	51-2	160.75	162.30	164.28	162.44	1.09	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	169.02	172.69	173.08	171.60	1.31	ppb
Zirconium	90-1	4.62	4.75	4.68	4.68	1.32	ppb
Zirconium	91-1	4.65	4.77	4.64	4.69	1.62	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-05	Instrumnet Name :	P7
Client Sample ID :	MYD4S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:20:10	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48528.18	48540.41	48602.22	48556.93	0.08	ppb
Antimony	121-1	2.04	2.08	2.11	2.07	1.59	ppb
Arsenic	75-2	148.95	147.79	146.20	147.65	0.94	ppb
Barium	135-1	414.45	418.59	421.72	418.25	0.87	ppb
Barium	137-1	418.53	423.88	427.27	423.23	1.04	ppb
Beryllium	9-1	1.90	1.78	1.97	1.88	5.05	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.25	2.88	1.99	2.37	19.28	ppb
Cadmium	106-1	2.17	0.82	2.49	1.83	48.49	ppb
Cadmium	111-1	2.14	2.15	2.09	2.12	1.39	ppb
Calcium	43-1	18623.22	19152.16	19155.56	18976.98	1.61	ppb
Calcium	44-1	17211.38	17622.37	17555.60	17463.11	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.10	57.60	57.96	57.89	0.45	ppb
Cobalt	59-2	48.67	49.20	49.45	49.11	0.81	ppb
Copper	63-2	150.07	148.85	151.06	149.99	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	129197.76	128589.54	128921.37	128902.89	0.24	ppb
Iron	57-2	127490.66	128059.93	129230.55	128260.38	0.69	ppb
Iron	54-2	128441.45	127990.13	129445.00	128625.53	0.58	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-05	Instrumnet Name :	P7
Client Sample ID :	MYD4S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:20:10	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.94	99.38	99.07	98.80	0.77	ppb
Lead	207-1	100.02	101.63	102.47	101.37	1.23	ppb
Lead	208-1	98.73	100.43	100.72	99.96	1.07	ppb
Lithium	6-1				98		%
Magnesium	24-2	18104.48	18214.28	18023.91	18114.22	0.53	ppb
Manganese	55-2	2043.66	2059.03	2060.12	2054.27	0.45	ppb
Molybdenum	94-1	18.10	18.54	18.83	18.49	2.01	ppb
Molybdenum	95-1	1.47	1.46	1.40	1.44	2.46	ppb
Molybdenum	96-1	4.15	4.18	4.19	4.17	0.44	ppb
Molybdenum	97-1	1.36	1.48	1.50	1.44	5.23	ppb
Molybdenum	98-1	1.33	1.37	1.40	1.37	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.08	48.35	48.59	48.34	0.53	ppb
Phosphorus	31-2	3062.11	3124.87	3104.60	3097.19	1.03	ppb
Potassium	39-2	5550.89	5581.65	5615.97	5582.83	0.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	1.43	1.60	1.16	1.40	15.88	ppb
Selenium	77-2	19.81	16.36	17.57	17.92	9.77	ppb
Selenium	78-2	6.12	4.58	3.36	4.69	29.45	ppb
Silicon	28-1	1178.12	1199.84	1212.30	1196.75	1.45	ppb
Silver	107-1	0.59	0.64	0.62	0.62	4.22	ppb
Silver	109-1	0.57	0.58	0.58	0.58	0.94	ppb
Sodium	23-2	222.34	224.00	224.83	223.72	0.57	ppb
Strontium	86-1	80.85	82.12	81.72	81.56	0.79	ppb
Strontium	88-1	81.06	81.53	80.89	81.16	0.41	ppb
Sulfur	34-1	-311.88	-313.38	-236.13	-287.13		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.37	0.37	0.33	0.36	7.19	ppb
Thallium	205-1	0.35	0.35	0.37	0.36	2.94	ppb
Tin	118-1	2.06	2.09	2.05	2.07	0.89	ppb
Titanium	47-1	1351.12	1387.28	1392.48	1376.96	1.64	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-05	Instrumnet Name :	P7
Client Sample ID :	MYD4S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:20:10	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.17	1.18	1.18	1.18	0.65	ppb
Vanadium	51-2	248.67	248.94	251.14	249.58	0.54	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	418.40	416.24	419.44	418.03	0.39	ppb
Zirconium	90-1	9.55	9.84	9.84	9.74	1.75	ppb
Zirconium	91-1	9.65	9.80	9.91	9.79	1.35	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:23:22	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48605.55	48653.74	48192.90	48484.06	0.52	ppb
Antimony	121-1	503.85	507.56	510.06	507.15	0.62	ppb
Arsenic	75-2	467.58	485.06	474.05	475.56	1.86	ppb
Barium	135-1	2581.13	2551.89	2548.81	2560.61	0.70	ppb
Barium	137-1	2559.18	2564.68	2593.32	2572.39	0.71	ppb
Beryllium	9-1	505.49	513.08	506.71	508.43	0.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	489.78	488.89	489.56	489.41	0.09	ppb
Cadmium	106-1	495.08	481.72	483.87	486.89	1.47	ppb
Cadmium	111-1	481.00	485.81	483.61	483.47	0.50	ppb
Calcium	43-1	255692.30	260259.59	260528.59	258826.83	1.05	ppb
Calcium	44-1	254546.02	261244.34	259370.65	258387.01	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.32	498.84	497.94	499.03	0.24	ppb
Cobalt	59-2	487.31	485.41	486.43	486.38	0.20	ppb
Copper	63-2	4781.53	4748.26	4780.96	4770.25	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	130255.50	129544.78	130360.50	130053.59	0.34	ppb
Iron	57-2	129110.95	129053.79	130848.34	129671.03	0.79	ppb
Iron	54-2	130148.09	130574.30	129289.14	130003.84	0.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:23:22	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2628.11	2652.67	2657.47	2646.08	0.60	ppb
Lead	207-1	2605.97	2606.00	2631.78	2614.58	0.57	ppb
Lead	208-1	2614.39	2647.22	2638.84	2633.48	0.65	ppb
Lithium	6-1				95		%
Magnesium	24-2	245603.38	246164.85	244736.88	245501.70	0.29	ppb
Manganese	55-2	4858.29	4833.46	4897.23	4862.99	0.66	ppb
Molybdenum	94-1	5202.36	5227.67	5330.53	5253.52	1.29	ppb
Molybdenum	95-1	5179.83	5277.16	5327.38	5261.46	1.43	ppb
Molybdenum	96-1	5164.71	5250.92	5358.60	5258.08	1.85	ppb
Molybdenum	97-1	5172.24	5238.80	5393.75	5268.26	2.16	ppb
Molybdenum	98-1	5144.53	5264.19	5375.33	5261.35	2.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.56	476.17	478.70	478.15	0.37	ppb
Phosphorus	31-2	9604.03	9524.99	9395.53	9508.19	1.11	ppb
Potassium	39-2	125353.85	124688.16	125105.66	125049.22	0.27	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	490.30	495.85	503.92	496.69	1.38	ppb
Selenium	77-2	468.75	476.15	453.77	466.22	2.45	ppb
Selenium	78-2	465.67	468.76	481.72	472.05	1.80	ppb
Silicon	28-1	629.17	640.21	643.25	637.55	1.16	ppb
Silver	107-1	498.50	492.73	488.74	493.32	0.99	ppb
Silver	109-1	495.92	486.65	489.26	490.61	0.97	ppb
Sodium	23-2	248577.89	248743.67	248471.49	248597.68	0.06	ppb
Strontium	86-1	12791.83	12942.81	13219.61	12984.75	1.67	ppb
Strontium	88-1	12720.16	13064.59	13184.81	12989.85	1.86	ppb
Sulfur	34-1	10094.57	10537.89	10280.82	10304.43	2.16	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	534.50	524.32	534.57	531.13	1.11	ppb
Thallium	205-1	527.62	528.01	529.84	528.49	0.22	ppb
Tin	118-1	503.34	512.49	507.16	507.66	0.91	ppb
Titanium	47-1	5151.65	5211.03	5226.34	5196.34	0.76	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:23:22	DataFile Name :	066CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	519.15	529.73	541.69	530.19	2.13	ppb
Vanadium	51-2	502.99	501.99	503.76	502.91	0.18	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	4674.48	4722.89	4664.71	4687.36	0.66	ppb
Zirconium	90-1	517.17	523.26	526.55	522.33	0.91	ppb
Zirconium	91-1	518.13	523.58	535.28	525.66	1.67	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:26:08	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.41	2.06	2.01	2.16	10.08	ppb
Antimony	121-1	0.36	0.39	0.40	0.38	5.33	ppb
Arsenic	75-2	0.02	0.04	0.09	0.05	67.07	ppb
Barium	135-1	0.10	0.08	0.06	0.08	20.15	ppb
Barium	137-1	0.11	0.11	0.07	0.10	21.34	ppb
Beryllium	9-1	0.12	0.11	0.12	0.12	4.97	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.03	0.00	-0.01		ppb
Cadmium	106-1	-0.76	-2.71	-2.02	-1.83		ppb
Cadmium	111-1	0.03	0.02	0.02	0.02	28.11	ppb
Calcium	43-1	11.26	6.53	12.80	10.20	32.03	ppb
Calcium	44-1	6.95	6.14	6.60	6.57	6.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.02	-0.03	-0.01		ppb
Cobalt	59-2	-0.05	-0.05	-0.03	-0.04		ppb
Copper	63-2	0.26	0.29	0.27	0.27	5.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	-2.32	-2.67	-2.97	-2.65		ppb
Iron	57-2	0.48	-1.17	-1.08	-0.59		ppb
Iron	54-2	-3.71	-3.20	-5.54	-4.15		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:26:08	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.15	0.16	0.17	13.90	ppb
Lead	207-1	0.19	0.17	0.16	0.17	7.19	ppb
Lead	208-1	0.18	0.16	0.16	0.17	8.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.88	6.10	5.63	5.87	4.01	ppb
Manganese	55-2	-0.18	-0.25	-0.24	-0.22		ppb
Molybdenum	94-1	0.60	0.47	0.46	0.51	15.48	ppb
Molybdenum	95-1	0.28	0.29	0.27	0.28	3.19	ppb
Molybdenum	96-1	0.30	0.29	0.30	0.30	3.27	ppb
Molybdenum	97-1	0.27	0.29	0.28	0.28	3.75	ppb
Molybdenum	98-1	0.28	0.27	0.32	0.29	8.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.10	-0.10	-0.10		ppb
Phosphorus	31-2	-13.27	-14.97	-15.67	-14.64		ppb
Potassium	39-2	15.10	13.39	9.04	12.51	25.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	-1.35	-1.28	-1.46	-1.36		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.48	-1.07	-0.49	-0.36		ppb
Silicon	28-1	0.37	0.12	0.29	0.26	49.37	ppb
Silver	107-1	0.08	0.07	0.08	0.08	7.94	ppb
Silver	109-1	0.08	0.08	0.08	0.08	3.98	ppb
Sodium	23-2	36.25	35.43	34.68	35.45	2.21	ppb
Strontium	86-1	0.39	0.37	0.33	0.36	8.68	ppb
Strontium	88-1	0.39	0.39	0.35	0.38	5.57	ppb
Sulfur	34-1	55.43	-33.46	44.41	22.13	219.00	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.07	0.06	0.07	19.31	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	8.70	ppb
Tin	118-1	0.14	0.12	0.18	0.14	21.64	ppb
Titanium	47-1	-1.22	-1.30	-1.14	-1.22		ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:26:08	DataFile Name :	067CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	12.07	ppb
Vanadium	51-2	0.01	0.03	0.02	0.02	36.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.31	0.26	0.43	0.33	27.42	ppb
Zirconium	90-1	0.15	0.13	0.14	0.14	4.74	ppb
Zirconium	91-1	0.15	0.13	0.14	0.14	7.18	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-06	Instrumnet Name :	P7
Client Sample ID :	MYD4T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:29:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46876.41	47574.82	46459.69	46970.31	1.20	ppb
Antimony	121-1	2.14	2.32	2.28	2.25	4.15	ppb
Arsenic	75-2	119.48	123.71	121.98	121.72	1.75	ppb
Barium	135-1	399.93	418.66	418.12	412.24	2.59	ppb
Barium	137-1	405.35	420.10	419.33	414.93	2.00	ppb
Beryllium	9-1	2.00	2.12	1.92	2.01	5.17	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.03	2.23	2.46	2.24	9.62	ppb
Cadmium	106-1	4.38	2.26	2.49	3.04	38.17	ppb
Cadmium	111-1	2.00	2.15	2.29	2.15	6.81	ppb
Calcium	43-1	17873.70	18633.37	18709.21	18405.43	2.51	ppb
Calcium	44-1	16614.03	17166.85	17426.44	17069.11	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	64.03	65.02	64.57	64.54	0.77	ppb
Cobalt	59-2	47.76	49.15	47.84	48.25	1.62	ppb
Copper	63-2	209.00	213.45	207.79	210.08	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	123493.65	126787.43	123173.52	124484.87	1.61	ppb
Iron	57-2	122302.72	126435.91	121964.42	123567.68	2.01	ppb
Iron	54-2	123643.93	126731.18	122737.73	124370.95	1.68	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-06	Instrumnet Name :	P7
Client Sample ID :	MYD4T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:29:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	86.87	90.61	89.14	88.88	2.12	ppb
Lead	207-1	87.39	91.46	89.63	89.49	2.28	ppb
Lead	208-1	86.54	90.60	89.25	88.80	2.33	ppb
Lithium	6-1				103		%
Magnesium	24-2	18383.48	18857.25	18480.40	18573.71	1.35	ppb
Manganese	55-2	2152.13	2190.01	2129.89	2157.35	1.41	ppb
Molybdenum	94-1	14.63	15.40	15.21	15.08	2.65	ppb
Molybdenum	95-1	2.04	2.10	2.00	2.05	2.22	ppb
Molybdenum	96-1	4.07	4.21	4.24	4.18	2.17	ppb
Molybdenum	97-1	2.01	2.07	1.96	2.02	2.55	ppb
Molybdenum	98-1	2.00	1.99	2.03	2.01	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.81	56.44	55.03	55.76	1.27	ppb
Phosphorus	31-2	2951.53	3024.00	2939.11	2971.55	1.54	ppb
Potassium	39-2	8112.08	8282.56	8141.15	8178.60	1.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	2.18	2.07	1.86	2.04	8.18	ppb
Selenium	77-2	16.53	18.47	17.10	17.37	5.74	ppb
Selenium	78-2	2.49	4.17	2.92	3.19	27.33	ppb
Silicon	28-1	1135.23	1171.14	1179.22	1161.86	2.02	ppb
Silver	107-1	1.25	1.26	1.30	1.27	2.09	ppb
Silver	109-1	1.25	1.27	1.23	1.25	1.76	ppb
Sodium	23-2	247.60	258.73	255.48	253.94	2.25	ppb
Strontium	86-1	80.64	83.00	83.78	82.47	1.99	ppb
Strontium	88-1	80.17	82.62	82.64	81.81	1.74	ppb
Sulfur	34-1	-163.44	-218.18	-163.40	-181.68		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.40	0.42	0.36	0.39	7.66	ppb
Thallium	205-1	0.39	0.41	0.38	0.39	4.06	ppb
Tin	118-1	2.13	2.22	2.27	2.20	3.19	ppb
Titanium	47-1	1262.89	1308.98	1323.57	1298.48	2.44	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-06	Instrumnet Name :	P7
Client Sample ID :	MYD4T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:29:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.06	1.05	1.04	2.70	ppb
Vanadium	51-2	225.68	230.46	224.84	227.00	1.34	ppb
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	362.93	369.08	363.75	365.26	0.91	ppb
Zirconium	90-1	7.29	7.48	7.65	7.47	2.44	ppb
Zirconium	91-1	7.27	7.45	7.62	7.45	2.36	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-07	Instrumnet Name :	P7
Client Sample ID :	MYD4T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:32:38	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44392.43	45041.38	45252.50	44895.44	1.00	ppb
Antimony	121-1	1.17	1.15	1.46	1.26	13.53	ppb
Arsenic	75-2	71.41	71.94	73.17	72.18	1.25	ppb
Barium	135-1	452.37	453.36	560.68	488.80	12.74	ppb
Barium	137-1	453.51	457.26	565.29	492.02	12.90	ppb
Beryllium	9-1	1.56	1.82	1.91	1.76	10.44	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.18	1.25	1.66	1.36	18.87	ppb
Cadmium	106-1	0.80	2.40	2.21	1.80	48.40	ppb
Cadmium	111-1	1.15	1.24	1.56	1.32	16.68	ppb
Calcium	43-1	19302.79	19185.13	23361.87	20616.60	11.54	ppb
Calcium	44-1	17718.90	17828.81	21780.88	19109.53	12.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.55	44.20	44.23	44.33	0.44	ppb
Cobalt	59-2	41.09	41.13	41.14	41.12	0.06	ppb
Copper	63-2	120.22	121.80	122.77	121.60	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	93607.91	94901.92	95530.07	94679.97	1.04	ppb
Iron	57-2	94111.24	94238.54	94587.19	94312.32	0.26	ppb
Iron	54-2	93987.27	94572.89	94384.28	94314.81	0.32	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-07	Instrumnet Name :	P7
Client Sample ID :	MYD4T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:32:38	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.80	48.93	59.84	52.52	12.06	ppb
Lead	207-1	48.00	48.34	59.42	51.92	12.51	ppb
Lead	208-1	48.19	48.45	59.66	52.10	12.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	18025.45	18226.78	18350.72	18200.98	0.90	ppb
Manganese	55-2	1920.49	1959.10	1954.16	1944.59	1.08	ppb
Molybdenum	94-1	13.10	13.34	16.11	14.18	11.80	ppb
Molybdenum	95-1	1.01	1.03	1.36	1.13	17.30	ppb
Molybdenum	96-1	2.96	2.86	3.71	3.18	14.73	ppb
Molybdenum	97-1	1.02	1.01	1.34	1.12	16.70	ppb
Molybdenum	98-1	0.99	1.01	1.26	1.09	13.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.57	44.35	45.32	44.41	1.98	ppb
Phosphorus	31-2	2254.26	2313.85	2292.27	2286.79	1.32	ppb
Potassium	39-2	4942.39	4981.26	5005.36	4976.34	0.64	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	1.30	1.62	2.25	1.72	28.10	ppb
Selenium	77-2	18.21	20.79	12.15	17.05	26.03	ppb
Selenium	78-2	1.95	2.87	2.46	2.43	18.84	ppb
Silicon	28-1	1286.89	1288.80	1597.38	1391.03	12.85	ppb
Silver	107-1	0.30	0.31	0.40	0.34	16.54	ppb
Silver	109-1	0.28	0.32	0.39	0.33	16.43	ppb
Sodium	23-2	246.62	245.47	252.42	248.17	1.50	ppb
Strontium	86-1	81.32	80.88	99.93	87.38	12.45	ppb
Strontium	88-1	80.87	82.07	99.17	87.37	11.71	ppb
Sulfur	34-1	-261.21	-468.20	591.03	-46.13		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.24	0.23	0.31	0.26	17.42	ppb
Thallium	205-1	0.24	0.23	0.28	0.25	11.22	ppb
Tin	118-1	1.73	1.67	2.14	1.85	13.96	ppb
Titanium	47-1	931.06	938.42	1141.11	1003.53	11.88	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-07	Instrumnet Name :	P7
Client Sample ID :	MYD4T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:32:38	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	1.03	0.91	11.88	ppb
Vanadium	51-2	149.78	150.83	152.01	150.87	0.74	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	242.23	245.69	244.70	244.21	0.73	ppb
Zirconium	90-1	6.79	6.84	8.37	7.33	12.28	ppb
Zirconium	91-1	6.80	6.86	8.34	7.33	11.90	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-08	Instrumnet Name :	P7
Client Sample ID :	MYD4T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40514.03	40672.40	40211.64	40466.03	0.58	ppb
Antimony	121-1	2.14	2.18	2.17	2.16	0.97	ppb
Arsenic	75-2	134.02	131.93	128.62	131.52	2.07	ppb
Barium	135-1	291.83	296.21	298.81	295.62	1.19	ppb
Barium	137-1	293.48	300.62	300.20	298.10	1.34	ppb
Beryllium	9-1	1.53	1.40	1.45	1.46	4.39	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.54	2.55	2.38	2.49	3.89	ppb
Cadmium	106-1	1.30	0.67	1.82	1.26	45.70	ppb
Cadmium	111-1	2.32	2.44	2.48	2.41	3.37	ppb
Calcium	43-1	15390.01	15796.24	15551.05	15579.10	1.31	ppb
Calcium	44-1	14255.69	14593.42	14449.97	14433.03	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.89	42.78	42.59	42.75	0.36	ppb
Cobalt	59-2	40.16	40.92	39.69	40.25	1.54	ppb
Copper	63-2	180.74	182.46	179.56	180.92	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				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	104430.68	105590.65	104838.65	104953.33	0.56	ppb
Iron	57-2	103847.33	103967.84	102832.07	103549.08	0.60	ppb
Iron	54-2	104727.73	105064.11	104094.59	104628.81	0.47	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-08	Instrumnet Name :	P7
Client Sample ID :	MYD4T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	107.20	107.47	106.25	106.97	0.60	ppb
Lead	207-1	109.85	110.35	109.94	110.05	0.24	ppb
Lead	208-1	107.92	108.58	107.78	108.09	0.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	17721.44	17834.53	17608.90	17721.62	0.64	ppb
Manganese	55-2	1801.45	1843.46	1808.72	1817.87	1.24	ppb
Molybdenum	94-1	10.69	10.93	10.70	10.77	1.27	ppb
Molybdenum	95-1	1.08	1.11	1.10	1.10	1.34	ppb
Molybdenum	96-1	2.92	2.85	2.89	2.89	1.12	ppb
Molybdenum	97-1	1.12	1.11	1.00	1.08	6.16	ppb
Molybdenum	98-1	1.03	1.06	1.15	1.08	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.46	43.65	43.10	43.40	0.64	ppb
Phosphorus	31-2	2524.60	2496.86	2550.53	2523.99	1.06	ppb
Potassium	39-2	7317.60	7243.55	7074.86	7212.00	1.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	1.35	1.55	1.92	1.61	18.23	ppb
Selenium	77-2	9.67	14.11	11.25	11.68	19.24	ppb
Selenium	78-2	2.85	2.02	2.91	2.59	19.17	ppb
Silicon	28-1	919.40	922.85	920.41	920.89	0.19	ppb
Silver	107-1	0.64	0.64	0.69	0.66	4.14	ppb
Silver	109-1	0.65	0.65	0.66	0.66	1.13	ppb
Sodium	23-2	228.49	233.26	227.37	229.71	1.36	ppb
Strontium	86-1	68.61	69.95	68.02	68.86	1.44	ppb
Strontium	88-1	68.13	69.33	69.05	68.83	0.91	ppb
Sulfur	34-1	-305.55	-263.12	-338.53	-302.40		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.29	0.28	0.26	0.28	5.94	ppb
Thallium	205-1	0.26	0.27	0.27	0.27	2.34	ppb
Tin	118-1	1.86	1.90	1.86	1.88	1.29	ppb
Titanium	47-1	1082.03	1096.46	1097.25	1091.91	0.78	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-08	Instrumnet Name :	P7
Client Sample ID :	MYD4T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.05	1.06	1.08	1.06	1.04	ppb
Vanadium	51-2	179.95	183.20	179.07	180.74	1.20	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	434.89	441.64	435.95	437.49	0.83	ppb
Zirconium	90-1	5.46	5.60	5.59	5.55	1.43	ppb
Zirconium	91-1	5.61	5.53	5.60	5.58	0.74	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-09	Instrumnet Name :	P7
Client Sample ID :	MYD4T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:39:01	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52391.51	52397.66	51764.38	52184.52	0.70	ppb
Antimony	121-1	1.80	1.75	1.93	1.83	5.10	ppb
Arsenic	75-2	141.00	136.97	138.93	138.97	1.45	ppb
Barium	135-1	391.57	394.58	395.18	393.77	0.49	ppb
Barium	137-1	395.09	396.01	397.80	396.30	0.35	ppb
Beryllium	9-1	1.91	2.01	2.02	1.98	2.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.30	2.50	2.39	2.40	4.20	ppb
Cadmium	106-1	1.47	2.13	1.70	1.76	19.16	ppb
Cadmium	111-1	2.30	2.37	2.33	2.34	1.44	ppb
Calcium	43-1	18580.09	19210.52	19019.01	18936.54	1.71	ppb
Calcium	44-1	17484.90	17786.45	17548.93	17606.76	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	59.23	59.80	59.23	59.42	0.55	ppb
Cobalt	59-2	49.68	49.48	48.64	49.26	1.12	ppb
Copper	63-2	194.55	193.47	193.23	193.75	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				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	130045.76	130518.65	129391.48	129985.30	0.44	ppb
Iron	57-2	127078.77	128224.08	127898.46	127733.77	0.46	ppb
Iron	54-2	130759.85	130030.31	126932.17	129240.78	1.57	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-09	Instrumnet Name :	P7
Client Sample ID :	MYD4T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:39:01	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	105.44	106.62	106.93	106.33	0.74	ppb
Lead	207-1	107.88	108.37	109.36	108.54	0.70	ppb
Lead	208-1	106.13	107.44	107.77	107.11	0.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	20183.50	20176.93	20051.12	20137.18	0.37	ppb
Manganese	55-2	1974.54	1993.41	1974.30	1980.75	0.55	ppb
Molybdenum	94-1	16.93	17.37	17.10	17.14	1.30	ppb
Molybdenum	95-1	1.32	1.33	1.36	1.34	1.65	ppb
Molybdenum	96-1	3.89	3.83	3.89	3.87	0.98	ppb
Molybdenum	97-1	1.30	1.41	1.32	1.34	4.53	ppb
Molybdenum	98-1	1.24	1.28	1.39	1.30	5.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.67	51.63	51.98	52.09	1.01	ppb
Phosphorus	31-2	2839.66	2867.86	2803.73	2837.08	1.13	ppb
Potassium	39-2	7106.99	7260.37	7195.33	7187.57	1.07	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	2.26	1.83	1.73	1.94	14.60	ppb
Selenium	77-2	16.67	14.95	14.53	15.38	7.37	ppb
Selenium	78-2	1.68	4.71	3.12	3.17	47.80	ppb
Silicon	28-1	1279.67	1315.93	1309.59	1301.73	1.49	ppb
Silver	107-1	0.78	0.80	0.82	0.80	2.85	ppb
Silver	109-1	0.78	0.80	0.81	0.80	2.07	ppb
Sodium	23-2	249.81	251.77	251.25	250.94	0.40	ppb
Strontium	86-1	81.49	83.55	82.81	82.62	1.26	ppb
Strontium	88-1	81.50	83.36	83.50	82.79	1.35	ppb
Sulfur	34-1	-150.55	-112.47	-71.73	-111.58		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.32	0.31	0.30	0.31	3.58	ppb
Thallium	205-1	0.30	0.32	0.31	0.31	3.18	ppb
Tin	118-1	2.20	2.22	2.26	2.23	1.44	ppb
Titanium	47-1	1290.01	1308.24	1305.19	1301.15	0.75	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-09	Instrumnet Name :	P7
Client Sample ID :	MYD4T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:39:01	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.04	1.05	1.04	0.66	ppb
Vanadium	51-2	237.09	238.09	233.29	236.16	1.07	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	445.67	446.02	436.64	442.78	1.20	ppb
Zirconium	90-1	8.77	8.99	8.91	8.89	1.26	ppb
Zirconium	91-1	8.95	9.01	9.13	9.03	1.02	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-10	Instrumnet Name :	P7
Client Sample ID :	MYD4T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:42:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37223.63	37738.48	37691.10	37551.07	0.76	ppb
Antimony	121-1	2.57	2.59	2.59	2.58	0.58	ppb
Arsenic	75-2	139.36	139.17	143.51	140.68	1.74	ppb
Barium	135-1	324.18	329.77	329.08	327.68	0.93	ppb
Barium	137-1	324.43	331.84	332.32	329.53	1.34	ppb
Beryllium	9-1	1.42	1.60	1.54	1.52	6.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.68	2.64	2.45	2.59	4.78	ppb
Cadmium	106-1	3.20	0.84	0.96	1.67	79.57	ppb
Cadmium	111-1	2.64	2.56	2.69	2.63	2.56	ppb
Calcium	43-1	14316.81	14616.97	14559.68	14497.82	1.10	ppb
Calcium	44-1	13366.08	13556.78	13399.48	13440.78	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.44	47.72	49.01	48.39	1.33	ppb
Cobalt	59-2	47.29	47.13	47.49	47.30	0.39	ppb
Copper	63-2	209.09	209.61	210.48	209.73	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	107785.58	108261.52	109044.17	108363.75	0.59	ppb
Iron	57-2	107523.79	107703.42	108004.60	107743.94	0.23	ppb
Iron	54-2	107214.04	108726.86	108657.21	108199.37	0.79	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-10	Instrumnet Name :	P7
Client Sample ID :	MYD4T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:42:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	119.10	119.97	121.04	120.04	0.81	ppb
Lead	207-1	121.08	124.08	124.10	123.09	1.41	ppb
Lead	208-1	119.86	121.94	122.64	121.48	1.19	ppb
Lithium	6-1				97		%
Magnesium	24-2	14849.71	14671.16	14777.70	14766.19	0.61	ppb
Manganese	55-2	1832.47	1854.99	1847.89	1845.12	0.62	ppb
Molybdenum	94-1	12.46	12.94	12.72	12.71	1.90	ppb
Molybdenum	95-1	1.38	1.47	1.42	1.43	3.15	ppb
Molybdenum	96-1	3.23	3.39	3.45	3.36	3.32	ppb
Molybdenum	97-1	1.44	1.44	1.52	1.47	3.35	ppb
Molybdenum	98-1	1.39	1.43	1.44	1.42	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.18	44.09	44.95	44.41	1.06	ppb
Phosphorus	31-2	2974.70	2901.77	2979.43	2951.96	1.47	ppb
Potassium	39-2	8074.98	8184.34	8179.18	8146.16	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	1.86	2.00	1.93	1.93	3.65	ppb
Selenium	77-2	17.50	13.80	19.84	17.05	17.87	ppb
Selenium	78-2	2.34	3.93	3.04	3.10	25.74	ppb
Silicon	28-1	1096.36	1109.13	1110.55	1105.35	0.71	ppb
Silver	107-1	1.01	1.11	1.05	1.06	5.08	ppb
Silver	109-1	1.03	1.09	1.06	1.06	2.85	ppb
Sodium	23-2	219.70	225.53	230.72	225.32	2.45	ppb
Strontium	86-1	67.81	70.52	70.23	69.52	2.14	ppb
Strontium	88-1	68.05	70.29	70.23	69.52	1.84	ppb
Sulfur	34-1	-255.14	-223.71	-265.98	-248.28		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.30	0.32	0.31	0.31	2.39	ppb
Thallium	205-1	0.31	0.30	0.31	0.31	2.40	ppb
Tin	118-1	2.23	2.23	2.32	2.26	2.43	ppb
Titanium	47-1	1316.24	1342.75	1341.71	1333.57	1.13	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-10	Instrumnet Name :	P7
Client Sample ID :	MYD4T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:42:13	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.03	1.06	1.03	1.04	1.29	ppb
Vanadium	51-2	194.97	195.17	195.81	195.32	0.22	ppb
Yttrium	89-1				104		%
Yttrium	89-2				99		%
Zinc	66-2	471.25	472.01	473.19	472.15	0.21	ppb
Zirconium	90-1	6.23	6.49	6.59	6.44	2.89	ppb
Zirconium	91-1	6.14	6.42	6.43	6.33	2.59	ppb

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-11	Instrumnet Name :	P7
Client Sample ID :	MYD4T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:45:23	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26890.78	26848.85	26333.54	26691.06	1.16	ppb
Antimony	121-1	2.51	2.59	2.62	2.57	2.22	ppb
Arsenic	75-2	105.49	107.65	105.86	106.33	1.09	ppb
Barium	135-1	269.52	272.87	272.66	271.69	0.69	ppb
Barium	137-1	268.93	274.91	274.40	272.75	1.22	ppb
Beryllium	9-1	1.35	1.21	1.18	1.25	7.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.26	1.63	2.12	2.00	16.53	ppb
Cadmium	106-1	-0.01	1.94	0.02	0.65	172.48	ppb
Cadmium	111-1	1.85	1.95	2.04	1.95	4.80	ppb
Calcium	43-1	9382.75	9607.40	9569.41	9519.85	1.26	ppb
Calcium	44-1	8647.71	8889.86	8914.57	8817.38	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.46	33.26	32.61	32.78	1.29	ppb
Cobalt	59-2	32.39	32.69	32.66	32.58	0.51	ppb
Copper	63-2	113.78	113.61	114.17	113.86	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	68438.32	68681.18	68369.09	68496.20	0.24	ppb
Iron	57-2	68259.65	68816.38	67469.01	68181.68	0.99	ppb
Iron	54-2	68364.53	67716.02	67895.80	67992.12	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-11	Instrumnet Name :	P7
Client Sample ID :	MYD4T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:45:23	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	116.28	117.28	119.12	117.56	1.22	ppb
Lead	207-1	121.51	122.52	122.87	122.30	0.58	ppb
Lead	208-1	118.34	119.81	120.83	119.66	1.04	ppb
Lithium	6-1				94		%
Magnesium	24-2	10682.01	10709.31	10628.22	10673.18	0.39	ppb
Manganese	55-2	1639.89	1623.67	1636.53	1633.36	0.52	ppb
Molybdenum	94-1	9.43	9.81	9.70	9.65	2.03	ppb
Molybdenum	95-1	1.48	1.49	1.37	1.45	4.81	ppb
Molybdenum	96-1	2.77	2.81	2.85	2.81	1.48	ppb
Molybdenum	97-1	1.42	1.50	1.46	1.46	2.72	ppb
Molybdenum	98-1	1.40	1.47	1.48	1.45	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.05	31.00	31.25	31.10	0.43	ppb
Phosphorus	31-2	1950.42	1985.11	1948.31	1961.28	1.05	ppb
Potassium	39-2	7506.20	7425.79	7410.61	7447.53	0.69	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	1.54	0.84	1.49	1.29	30.13	ppb
Selenium	77-2	16.30	10.00	9.00	11.77	33.62	ppb
Selenium	78-2	2.87	3.36	3.37	3.20	8.89	ppb
Silicon	28-1	824.35	837.54	841.49	834.46	1.08	ppb
Silver	107-1	0.68	0.71	0.69	0.69	2.11	ppb
Silver	109-1	0.66	0.75	0.67	0.69	7.00	ppb
Sodium	23-2	197.81	203.29	198.25	199.78	1.52	ppb
Strontium	86-1	53.05	54.18	53.53	53.59	1.06	ppb
Strontium	88-1	53.28	54.06	54.01	53.78	0.81	ppb
Sulfur	34-1	-30.10	52.78	14.68	12.45	333.13	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.30	0.31	0.27	0.29	5.67	ppb
Thallium	205-1	0.28	0.27	0.28	0.28	1.03	ppb
Tin	118-1	1.91	1.97	1.94	1.94	1.64	ppb
Titanium	47-1	1118.78	1143.87	1140.13	1134.26	1.19	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-11	Instrumnet Name :	P7
Client Sample ID :	MYD4T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:45:23	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.92	0.89	0.90	1.47	ppb
Vanadium	51-2	101.66	102.05	101.81	101.84	0.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	407.24	408.03	407.44	407.57	0.10	ppb
Zirconium	90-1	4.62	4.71	4.68	4.67	0.92	ppb
Zirconium	91-1	4.60	4.79	4.58	4.66	2.50	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-12	Instrumnet Name :	P7
Client Sample ID :	MYD4T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:48:33	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28619.94	28590.41	28406.79	28539.05	0.40	ppb
Antimony	121-1	1.77	1.76	1.78	1.77	0.66	ppb
Arsenic	75-2	77.39	76.00	76.56	76.65	0.91	ppb
Barium	135-1	281.70	282.72	286.74	283.72	0.94	ppb
Barium	137-1	284.68	285.57	288.08	286.11	0.62	ppb
Beryllium	9-1	1.27	1.33	1.23	1.28	3.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.37	1.23	1.75	1.45	18.67	ppb
Cadmium	106-1	1.26	1.31	0.44	1.00	48.82	ppb
Cadmium	111-1	1.35	1.30	1.41	1.35	3.96	ppb
Calcium	43-1	11389.92	11609.29	11788.61	11595.94	1.72	ppb
Calcium	44-1	10648.38	10831.24	10838.79	10772.80	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.60	40.42	40.62	40.55	0.28	ppb
Cobalt	59-2	40.13	40.23	40.23	40.20	0.15	ppb
Copper	63-2	124.20	124.58	125.89	124.89	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				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	88682.02	88930.83	88759.34	88790.73	0.14	ppb
Iron	57-2	88917.97	87565.20	89051.22	88511.46	0.93	ppb
Iron	54-2	89075.46	89450.89	88514.54	89013.63	0.53	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-12	Instrumnet Name :	P7
Client Sample ID :	MYD4T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:48:33	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	54.12	53.64	53.66	53.80	0.50	ppb
Lead	207-1	54.16	54.04	53.62	53.94	0.53	ppb
Lead	208-1	53.79	53.56	53.46	53.61	0.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	11256.92	11383.93	11412.55	11351.13	0.73	ppb
Manganese	55-2	1663.80	1666.78	1658.13	1662.90	0.26	ppb
Molybdenum	94-1	9.75	9.75	9.98	9.83	1.36	ppb
Molybdenum	95-1	1.21	1.24	1.24	1.23	1.60	ppb
Molybdenum	96-1	2.82	2.78	2.78	2.80	0.89	ppb
Molybdenum	97-1	1.17	1.21	1.18	1.19	1.58	ppb
Molybdenum	98-1	1.22	1.22	1.18	1.20	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.29	36.37	36.18	36.28	0.27	ppb
Phosphorus	31-2	2283.50	2322.77	2344.69	2316.99	1.34	ppb
Potassium	39-2	6494.75	6637.18	6606.68	6579.54	1.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	1.81	0.34	1.22	1.12	65.51	ppb
Selenium	77-2	9.42	11.11	11.56	10.70	10.56	ppb
Selenium	78-2	3.74	2.47	2.36	2.86	26.96	ppb
Silicon	28-1	1162.33	1189.16	1189.66	1180.38	1.32	ppb
Silver	107-1	0.31	0.30	0.29	0.30	2.93	ppb
Silver	109-1	0.31	0.29	0.31	0.30	3.96	ppb
Sodium	23-2	190.45	192.78	192.78	192.01	0.70	ppb
Strontium	86-1	56.36	57.36	57.37	57.03	1.02	ppb
Strontium	88-1	56.45	57.72	57.15	57.11	1.12	ppb
Sulfur	34-1	-462.03	-456.69	-287.11	-401.94		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.22	0.24	0.25	0.23	5.38	ppb
Thallium	205-1	0.24	0.24	0.22	0.23	3.15	ppb
Tin	118-1	1.65	1.63	1.73	1.67	3.35	ppb
Titanium	47-1	1378.52	1399.66	1416.49	1398.22	1.36	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-12	Instrumnet Name :	P7
Client Sample ID :	MYD4T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:48:33	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.90	0.92	0.91	1.54	ppb
Vanadium	51-2	173.32	173.64	174.27	173.74	0.28	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	234.91	237.43	240.69	237.68	1.22	ppb
Zirconium	90-1	4.85	4.99	4.91	4.92	1.45	ppb
Zirconium	91-1	4.80	4.92	5.13	4.95	3.34	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-13	Instrumnet Name :	P7
Client Sample ID :	MYD4T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:51:43	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28017.05	28412.22	28266.00	28231.75	0.71	ppb
Antimony	121-1	2.90	2.83	2.84	2.86	1.40	ppb
Arsenic	75-2	110.33	111.81	111.79	111.31	0.76	ppb
Barium	135-1	265.41	262.63	264.25	264.10	0.53	ppb
Barium	137-1	268.82	264.18	266.46	266.49	0.87	ppb
Beryllium	9-1	1.28	1.24	1.17	1.23	4.68	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.14	2.08	2.47	2.23	9.41	ppb
Cadmium	106-1	1.79	1.81	0.31	1.31	65.83	ppb
Cadmium	111-1	2.32	2.23	2.33	2.29	2.35	ppb
Calcium	43-1	11822.40	12023.09	12056.48	11967.32	1.06	ppb
Calcium	44-1	10981.13	11234.32	11242.27	11152.57	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	35.20	35.39	34.47	35.02	1.39	ppb
Cobalt	59-2	39.53	39.27	39.23	39.34	0.42	ppb
Copper	63-2	197.96	197.95	197.76	197.89	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	87649.05	87496.14	87006.24	87383.81	0.38	ppb
Iron	57-2	87603.06	86841.24	86734.69	87059.66	0.54	ppb
Iron	54-2	86792.26	87157.30	86713.60	86887.72	0.27	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-13	Instrumnet Name :	P7
Client Sample ID :	MYD4T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:51:43	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	115.87	115.43	115.69	115.67	0.19	ppb
Lead	207-1	117.79	119.31	118.47	118.53	0.64	ppb
Lead	208-1	116.38	116.96	116.91	116.75	0.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	13644.13	13743.89	13423.17	13603.73	1.21	ppb
Manganese	55-2	1780.10	1771.76	1776.22	1776.03	0.24	ppb
Molybdenum	94-1	8.24	8.30	8.32	8.28	0.51	ppb
Molybdenum	95-1	1.42	1.46	1.41	1.43	1.96	ppb
Molybdenum	96-1	2.81	2.81	2.83	2.82	0.55	ppb
Molybdenum	97-1	1.34	1.47	1.41	1.41	4.38	ppb
Molybdenum	98-1	1.41	1.45	1.30	1.38	5.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.60	37.27	37.49	37.12	1.25	ppb
Phosphorus	31-2	2601.15	2630.74	2559.86	2597.25	1.37	ppb
Potassium	39-2	7103.53	7002.31	6818.04	6974.63	2.08	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	1.26	0.18	0.42	0.62	91.35	ppb
Selenium	77-2	13.14	14.83	12.76	13.57	8.12	ppb
Selenium	78-2	2.04	4.03	2.94	3.00	33.26	ppb
Silicon	28-1	862.10	881.12	880.86	874.69	1.25	ppb
Silver	107-1	0.82	0.80	0.82	0.81	1.35	ppb
Silver	109-1	0.79	0.79	0.78	0.78	0.85	ppb
Sodium	23-2	210.11	207.56	208.83	208.83	0.61	ppb
Strontium	86-1	52.12	52.11	51.60	51.94	0.57	ppb
Strontium	88-1	52.12	52.50	51.92	52.18	0.56	ppb
Sulfur	34-1	-104.25	-135.62	-47.29	-95.72		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.27	0.26	0.25	0.26	4.20	ppb
Thallium	205-1	0.24	0.25	0.25	0.25	2.74	ppb
Tin	118-1	1.89	1.89	1.89	1.89	0.12	ppb
Titanium	47-1	969.79	989.36	989.13	982.76	1.14	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-13	Instrumnet Name :	P7
Client Sample ID :	MYD4T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:51:43	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.75	0.76	0.75	0.57	ppb
Vanadium	51-2	134.74	133.54	133.11	133.80	0.63	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	409.98	408.57	409.38	409.31	0.17	ppb
Zirconium	90-1	4.00	3.97	3.93	3.97	1.00	ppb
Zirconium	91-1	3.82	3.92	3.98	3.91	1.98	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-14	Instrumnet Name :	P7
Client Sample ID :	MYD4T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:54:56	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39498.24	40082.40	39462.30	39680.98	0.88	ppb
Antimony	121-1	0.77	0.77	0.78	0.77	1.25	ppb
Arsenic	75-2	31.66	31.82	32.94	32.14	2.16	ppb
Barium	135-1	405.35	405.92	405.15	405.47	0.10	ppb
Barium	137-1	407.20	409.58	410.47	409.08	0.41	ppb
Beryllium	9-1	1.72	1.73	1.72	1.72	0.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.85	0.90	1.01	0.92	8.95	ppb
Cadmium	106-1	0.28	0.25	-1.69	-0.39		ppb
Cadmium	111-1	0.77	0.74	0.70	0.74	4.92	ppb
Calcium	43-1	14073.02	14207.74	14210.03	14163.60	0.55	ppb
Calcium	44-1	12994.56	13198.40	13026.15	13073.04	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.74	44.01	43.62	43.79	0.46	ppb
Cobalt	59-2	41.52	41.72	41.23	41.49	0.59	ppb
Copper	63-2	80.47	81.63	80.78	80.96	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	88294.69	88692.30	88648.07	88545.02	0.25	ppb
Iron	57-2	88175.91	88625.07	88729.24	88510.07	0.33	ppb
Iron	54-2	88273.98	89464.74	88032.81	88590.51	0.87	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-14	Instrumnet Name :	P7
Client Sample ID :	MYD4T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:54:56	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.14	24.83	24.94	24.97	0.64	ppb
Lead	207-1	23.03	23.02	23.05	23.03	0.08	ppb
Lead	208-1	23.86	23.71	23.65	23.74	0.44	ppb
Lithium	6-1				94		%
Magnesium	24-2	15028.75	14889.88	15029.43	14982.69	0.54	ppb
Manganese	55-2	2050.82	2061.91	2074.81	2062.51	0.58	ppb
Molybdenum	94-1	12.66	12.86	12.78	12.77	0.79	ppb
Molybdenum	95-1	1.01	1.05	1.07	1.04	2.58	ppb
Molybdenum	96-1	2.97	3.03	2.96	2.99	1.29	ppb
Molybdenum	97-1	0.95	1.12	0.97	1.01	9.13	ppb
Molybdenum	98-1	1.05	1.07	1.03	1.05	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.08	43.89	44.14	44.04	0.29	ppb
Phosphorus	31-2	1846.22	1905.98	1829.57	1860.59	2.16	ppb
Potassium	39-2	9118.31	9445.85	9385.58	9316.58	1.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	1.16	1.16	0.86	1.06	16.46	ppb
Selenium	77-2	11.79	18.81	16.10	15.57	22.76	ppb
Selenium	78-2	1.50	3.35	5.15	3.34	54.81	ppb
Silicon	28-1	1086.05	1097.73	1103.84	1095.88	0.82	ppb
Silver	107-1	0.12	0.13	0.12	0.12	6.19	ppb
Silver	109-1	0.12	0.12	0.12	0.12	1.96	ppb
Sodium	23-2	201.31	205.30	206.92	204.51	1.41	ppb
Strontium	86-1	72.96	73.13	72.75	72.95	0.26	ppb
Strontium	88-1	72.70	73.08	72.55	72.78	0.37	ppb
Sulfur	34-1	-537.18	-574.59	-613.80	-575.19		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.28	0.30	0.27	0.28	4.31	ppb
Thallium	205-1	0.27	0.29	0.28	0.28	3.53	ppb
Tin	118-1	1.77	1.77	1.68	1.74	2.86	ppb
Titanium	47-1	1322.67	1324.32	1325.28	1324.09	0.10	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-14	Instrumnet Name :	P7
Client Sample ID :	MYD4T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:54:56	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.15	1.13	1.14	1.14	0.95	ppb
Vanadium	51-2	140.52	140.81	141.25	140.86	0.26	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	160.16	159.71	157.24	159.04	0.99	ppb
Zirconium	90-1	6.57	6.64	6.65	6.62	0.65	ppb
Zirconium	91-1	6.64	6.68	6.61	6.64	0.53	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-15	Instrumnet Name :	P7
Client Sample ID :	MYD4T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:58:06	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33169.79	32558.80	33142.60	32957.06	1.05	ppb
Antimony	121-1	1.19	1.14	1.17	1.17	1.95	ppb
Arsenic	75-2	59.60	62.38	62.40	61.46	2.62	ppb
Barium	135-1	314.41	315.18	319.02	316.20	0.78	ppb
Barium	137-1	316.76	316.94	320.07	317.92	0.59	ppb
Beryllium	9-1	1.27	1.42	1.27	1.32	6.43	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.50	1.18	1.22	1.30	13.33	ppb
Cadmium	106-1	0.82	-0.21	-0.41	0.07	1021.20	ppb
Cadmium	111-1	1.20	1.15	1.12	1.16	3.85	ppb
Calcium	43-1	16515.30	16495.00	16621.18	16543.83	0.41	ppb
Calcium	44-1	15306.50	15333.56	15394.84	15344.97	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.55	40.02	40.57	40.38	0.77	ppb
Cobalt	59-2	36.97	36.32	36.03	36.44	1.32	ppb
Copper	63-2	112.76	111.23	111.73	111.91	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	76510.42	76015.57	75264.86	75930.28	0.83	ppb
Iron	57-2	75977.55	76670.29	75388.29	76012.04	0.84	ppb
Iron	54-2	75296.34	76063.26	76358.93	75906.18	0.72	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-15	Instrumnet Name :	P7
Client Sample ID :	MYD4T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:58:06	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.64	46.57	45.86	46.35	0.93	ppb
Lead	207-1	46.36	46.14	45.78	46.09	0.64	ppb
Lead	208-1	46.14	46.19	45.76	46.03	0.51	ppb
Lithium	6-1				94		%
Magnesium	24-2	14602.58	14711.86	14681.39	14665.28	0.38	ppb
Manganese	55-2	1660.25	1646.49	1656.22	1654.32	0.43	ppb
Molybdenum	94-1	9.84	10.13	9.94	9.97	1.44	ppb
Molybdenum	95-1	1.09	1.09	1.08	1.09	0.58	ppb
Molybdenum	96-1	2.47	2.62	2.60	2.56	3.10	ppb
Molybdenum	97-1	1.05	1.05	1.09	1.06	2.29	ppb
Molybdenum	98-1	1.09	1.07	1.03	1.06	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.32	43.40	42.96	43.23	0.54	ppb
Phosphorus	31-2	2054.61	2076.77	2044.84	2058.74	0.79	ppb
Potassium	39-2	6987.05	6893.89	6929.55	6936.83	0.68	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.71	1.17	0.36	0.75	54.15	ppb
Selenium	77-2	15.11	11.72	13.48	13.43	12.61	ppb
Selenium	78-2	2.92	3.86	5.28	4.02	29.52	ppb
Silicon	28-1	905.13	916.94	917.86	913.31	0.78	ppb
Silver	107-1	0.37	0.38	0.39	0.38	3.15	ppb
Silver	109-1	0.37	0.37	0.37	0.37	0.75	ppb
Sodium	23-2	195.47	197.50	195.48	196.15	0.59	ppb
Strontium	86-1	61.44	63.38	63.06	62.63	1.67	ppb
Strontium	88-1	62.10	62.97	62.94	62.67	0.79	ppb
Sulfur	34-1	-388.16	-341.24	-330.96	-353.45		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.23	0.23	0.23	0.23	0.89	ppb
Thallium	205-1	0.23	0.24	0.24	0.24	1.07	ppb
Tin	118-1	1.49	1.55	1.65	1.56	5.34	ppb
Titanium	47-1	922.00	932.27	941.39	931.88	1.04	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-15	Instrumnet Name :	P7
Client Sample ID :	MYD4T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:58:06	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.80	0.75	0.79	3.86	ppb
Vanadium	51-2	115.62	115.22	115.63	115.49	0.20	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	230.54	232.42	233.61	232.19	0.67	ppb
Zirconium	90-1	5.07	5.17	5.14	5.13	1.03	ppb
Zirconium	91-1	5.00	5.10	5.14	5.08	1.40	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-16	Instrumnet Name :	P7
Client Sample ID :	MYD4W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:01:17	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42415.09	42079.29	41690.26	42061.55	0.86	ppb
Antimony	121-1	1.54	1.56	1.53	1.54	0.90	ppb
Arsenic	75-2	93.58	91.03	92.76	92.46	1.41	ppb
Barium	135-1	375.61	370.07	369.71	371.80	0.89	ppb
Barium	137-1	377.58	371.58	373.48	374.22	0.82	ppb
Beryllium	9-1	1.73	1.68	1.73	1.71	1.71	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.18	2.35	2.79	2.44	13.02	ppb
Cadmium	106-1	3.17	1.73	1.25	2.05	48.80	ppb
Cadmium	111-1	2.34	2.37	2.31	2.34	1.16	ppb
Calcium	43-1	20470.91	20292.56	20102.71	20288.73	0.91	ppb
Calcium	44-1	18798.69	18589.60	18705.57	18697.95	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.06	52.17	52.41	52.22	0.34	ppb
Cobalt	59-2	39.68	39.45	39.98	39.70	0.67	ppb
Copper	63-2	208.66	209.52	208.95	209.04	0.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	86999.64	86951.97	86869.75	86940.45	0.08	ppb
Iron	57-2	86124.16	85557.93	86663.65	86115.25	0.64	ppb
Iron	54-2	86121.53	86183.88	86175.24	86160.21	0.04	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-16	Instrumnet Name :	P7
Client Sample ID :	MYD4W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:01:17	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	93.53	91.13	92.07	92.24	1.31	ppb
Lead	207-1	94.54	92.43	93.40	93.46	1.13	ppb
Lead	208-1	93.71	91.28	92.26	92.42	1.32	ppb
Lithium	6-1				93		%
Magnesium	24-2	18135.06	18552.61	18341.35	18343.01	1.14	ppb
Manganese	55-2	1997.44	2001.59	2024.30	2007.77	0.72	ppb
Molybdenum	94-1	11.17	10.73	10.77	10.89	2.23	ppb
Molybdenum	95-1	1.32	1.29	1.25	1.29	2.77	ppb
Molybdenum	96-1	2.92	2.90	2.84	2.89	1.57	ppb
Molybdenum	97-1	1.34	1.25	1.29	1.30	3.66	ppb
Molybdenum	98-1	1.28	1.27	1.26	1.27	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.24	52.54	52.13	52.30	0.41	ppb
Phosphorus	31-2	2666.15	2745.20	2663.89	2691.75	1.72	ppb
Potassium	39-2	9525.82	9506.54	9408.18	9480.18	0.67	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	1.54	1.64	0.84	1.34	32.31	ppb
Selenium	77-2	16.32	18.22	22.74	19.09	17.29	ppb
Selenium	78-2	4.27	4.90	5.15	4.78	9.47	ppb
Silicon	28-1	1268.84	1255.07	1266.25	1263.39	0.58	ppb
Silver	107-1	0.78	0.77	0.79	0.78	1.82	ppb
Silver	109-1	0.84	0.82	0.80	0.82	2.65	ppb
Sodium	23-2	235.75	239.93	239.63	238.43	0.98	ppb
Strontium	86-1	73.56	71.42	71.50	72.16	1.68	ppb
Strontium	88-1	73.83	71.60	71.16	72.20	1.98	ppb
Sulfur	34-1	376.77	413.75	314.89	368.47	13.56	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.38	0.35	0.33	0.35	6.38	ppb
Thallium	205-1	0.36	0.34	0.35	0.35	3.23	ppb
Tin	118-1	2.47	2.48	2.59	2.51	2.75	ppb
Titanium	47-1	832.46	823.97	819.77	825.40	0.78	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-16	Instrumnet Name :	P7
Client Sample ID :	MYD4W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:01:17	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.04	1.00	1.00	1.01	2.18	ppb
Vanadium	51-2	122.39	123.70	122.90	122.99	0.54	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	395.06	395.69	401.57	397.44	0.90	ppb
Zirconium	90-1	5.50	5.43	5.41	5.45	0.82	ppb
Zirconium	91-1	5.62	5.43	5.56	5.54	1.69	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-17	Instrumnet Name :	P7
Client Sample ID :	MYD4W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:04:28	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40769.97	40718.32	40791.13	40759.81	0.09	ppb
Antimony	121-1	1.44	1.41	1.43	1.43	0.96	ppb
Arsenic	75-2	98.40	97.54	94.97	96.97	1.84	ppb
Barium	135-1	313.53	312.63	309.82	312.00	0.62	ppb
Barium	137-1	312.71	315.18	312.31	313.40	0.50	ppb
Beryllium	9-1	1.33	1.51	1.39	1.41	6.28	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.67	1.74	1.91	1.77	6.75	ppb
Cadmium	106-1	0.79	1.62	-0.48	0.64	164.20	ppb
Cadmium	111-1	1.53	1.51	1.55	1.53	1.41	ppb
Calcium	43-1	25830.89	26379.07	26127.11	26112.35	1.05	ppb
Calcium	44-1	24035.50	24400.95	24081.64	24172.70	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.20	47.22	47.67	47.36	0.56	ppb
Cobalt	59-2	36.95	37.01	37.09	37.02	0.20	ppb
Copper	63-2	152.82	152.38	152.67	152.62	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	87457.36	86867.32	87129.59	87151.42	0.34	ppb
Iron	57-2	87423.86	86357.40	87054.92	86945.39	0.62	ppb
Iron	54-2	86972.53	86210.21	86268.02	86483.59	0.49	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-17	Instrumnet Name :	P7
Client Sample ID :	MYD4W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:04:28	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	71.28	71.26	71.40	71.31	0.11	ppb
Lead	207-1	71.41	70.95	71.91	71.42	0.67	ppb
Lead	208-1	71.20	71.04	71.48	71.24	0.31	ppb
Lithium	6-1				94		%
Magnesium	24-2	20349.33	20876.94	20688.52	20638.27	1.30	ppb
Manganese	55-2	1742.29	1739.38	1728.27	1736.65	0.43	ppb
Molybdenum	94-1	9.10	9.51	9.39	9.33	2.26	ppb
Molybdenum	95-1	1.25	1.23	1.25	1.25	0.94	ppb
Molybdenum	96-1	2.68	2.54	2.76	2.66	4.11	ppb
Molybdenum	97-1	1.28	1.19	1.20	1.22	4.03	ppb
Molybdenum	98-1	1.18	1.19	1.16	1.18	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.16	53.19	53.07	53.14	0.12	ppb
Phosphorus	31-2	2755.39	2784.21	2774.83	2771.48	0.53	ppb
Potassium	39-2	6754.91	6794.36	6840.66	6796.65	0.63	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.39	0.65	0.44	0.50	28.18	ppb
Selenium	77-2	13.09	12.80	14.38	13.42	6.24	ppb
Selenium	78-2	2.62	3.09	2.35	2.69	14.00	ppb
Silicon	28-1	1198.86	1204.62	1213.07	1205.52	0.59	ppb
Silver	107-1	0.48	0.47	0.50	0.48	2.79	ppb
Silver	109-1	0.45	0.47	0.48	0.47	3.23	ppb
Sodium	23-2	206.52	204.82	208.14	206.49	0.80	ppb
Strontium	86-1	58.83	58.83	58.81	58.82	0.02	ppb
Strontium	88-1	58.78	58.97	59.39	59.05	0.53	ppb
Sulfur	34-1	743.70	850.47	793.98	796.05	6.71	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.26	0.26	0.28	0.27	2.95	ppb
Thallium	205-1	0.27	0.26	0.27	0.27	2.45	ppb
Tin	118-1	1.77	1.79	1.78	1.78	0.56	ppb
Titanium	47-1	651.25	655.77	654.25	653.76	0.35	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-17	Instrumnet Name :	P7
Client Sample ID :	MYD4W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:04:28	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.81	0.80	0.81	1.66	ppb
Vanadium	51-2	135.46	135.47	135.22	135.38	0.10	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	323.79	321.53	322.08	322.47	0.37	ppb
Zirconium	90-1	4.71	4.69	4.68	4.69	0.32	ppb
Zirconium	91-1	4.71	4.56	4.57	4.62	1.84	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-18	Instrumnet Name :	P7
Client Sample ID :	MYD4W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:07:40	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34971.66	32069.02	34287.27	33775.98	4.49	ppb
Antimony	121-1	1.67	1.71	1.69	1.69	1.23	ppb
Arsenic	75-2	123.98	113.76	121.45	119.73	4.45	ppb
Barium	135-1	312.08	325.30	319.30	318.90	2.08	ppb
Barium	137-1	316.48	324.37	321.38	320.74	1.24	ppb
Beryllium	9-1	1.66	1.53	1.58	1.59	4.11	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.56	2.12	1.58	2.08	23.53	ppb
Cadmium	106-1	0.95	0.16	0.95	0.68	66.73	ppb
Cadmium	111-1	1.71	1.87	1.77	1.78	4.60	ppb
Calcium	43-1	11419.55	11607.51	11633.19	11553.42	1.01	ppb
Calcium	44-1	10703.97	10721.46	10690.33	10705.25	0.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	45.65	42.48	44.90	44.34	3.73	ppb
Cobalt	59-2	42.40	39.90	42.32	41.54	3.42	ppb
Copper	63-2	132.25	121.00	130.24	127.83	4.69	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				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	94906.91	87899.07	92626.67	91810.88	3.89	ppb
Iron	57-2	94220.26	85886.29	92440.87	90849.14	4.83	ppb
Iron	54-2	94681.52	87849.90	92064.69	91532.04	3.77	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-18	Instrumnet Name :	P7
Client Sample ID :	MYD4W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:07:40	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	88.69	90.84	89.39	89.64	1.22	ppb
Lead	207-1	90.37	92.08	91.02	91.15	0.95	ppb
Lead	208-1	88.89	91.05	89.64	89.86	1.22	ppb
Lithium	6-1				93		%
Magnesium	24-2	13378.88	12276.34	12862.19	12839.14	4.30	ppb
Manganese	55-2	2021.30	1872.88	1970.28	1954.82	3.86	ppb
Molybdenum	94-1	10.44	10.47	10.62	10.51	0.92	ppb
Molybdenum	95-1	1.36	1.43	1.37	1.39	2.69	ppb
Molybdenum	96-1	2.94	3.01	2.98	2.97	1.15	ppb
Molybdenum	97-1	1.33	1.41	1.39	1.38	3.03	ppb
Molybdenum	98-1	1.35	1.38	1.39	1.38	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.94	39.95	42.01	41.30	2.83	ppb
Phosphorus	31-2	2411.68	2217.25	2315.60	2314.85	4.20	ppb
Potassium	39-2	8989.78	8211.16	8754.49	8651.81	4.62	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	2.03	1.70	0.99	1.57	33.90	ppb
Selenium	77-2	16.78	8.55	11.87	12.40	33.40	ppb
Selenium	78-2	3.74	3.21	1.90	2.95	32.22	ppb
Silicon	28-1	1402.43	1427.16	1426.94	1418.84	1.00	ppb
Silver	107-1	0.43	0.47	0.46	0.45	4.84	ppb
Silver	109-1	0.47	0.49	0.48	0.48	1.79	ppb
Sodium	23-2	205.02	189.59	203.68	199.43	4.29	ppb
Strontium	86-1	61.77	63.38	63.54	62.89	1.56	ppb
Strontium	88-1	61.34	63.78	62.23	62.45	1.97	ppb
Sulfur	34-1	-376.04	-326.70	-341.59	-348.11		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.34	0.34	0.35	0.34	2.21	ppb
Thallium	205-1	0.33	0.33	0.33	0.33	1.30	ppb
Tin	118-1	2.09	2.14	2.04	2.09	2.39	ppb
Titanium	47-1	1362.10	1381.41	1380.62	1374.71	0.79	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-18	Instrumnet Name :	P7
Client Sample ID :	MYD4W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:07:40	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.10	1.18	1.13	1.14	3.59	ppb
Vanadium	51-2	163.95	151.87	161.08	158.96	3.97	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	409.11	375.67	402.69	395.82	4.48	ppb
Zirconium	90-1	5.14	5.40	5.14	5.22	2.87	ppb
Zirconium	91-1	5.13	5.32	5.29	5.25	2.00	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:10:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36620.64	36418.99	36058.20	36365.94	0.78	ppb
Antimony	121-1	0.86	0.84	0.86	0.85	1.49	ppb
Arsenic	75-2	50.47	49.41	49.57	49.81	1.15	ppb
Barium	135-1	235.29	237.48	240.98	237.92	1.21	ppb
Barium	137-1	236.88	241.48	240.72	239.69	1.03	ppb
Beryllium	9-1	1.24	1.31	1.26	1.27	2.73	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.41	1.14	0.75	1.10	30.42	ppb
Cadmium	106-1	0.53	0.51	-0.19	0.28	146.31	ppb
Cadmium	111-1	0.89	0.84	0.81	0.84	4.83	ppb
Calcium	43-1	57067.28	57854.32	58476.14	57799.25	1.22	ppb
Calcium	44-1	53458.50	53618.63	54396.00	53824.38	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	43.24	43.57	42.22	43.01	1.64	ppb
Cobalt	59-2	38.38	39.01	37.60	38.33	1.83	ppb
Copper	63-2	95.17	95.57	94.61	95.12	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	87604.71	87680.64	86256.93	87180.76	0.92	ppb
Iron	57-2	86507.46	88674.07	84904.24	86695.25	2.18	ppb
Iron	54-2	87495.05	88241.36	85957.09	87231.17	1.34	ppb
Krypton	83-1						cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:10:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.57	27.96	27.76	27.76	0.70	ppb
Lead	207-1	26.78	27.15	26.96	26.96	0.68	ppb
Lead	208-1	26.78	27.14	27.18	27.03	0.81	ppb
Lithium	6-1				92		%
Magnesium	24-2	19279.94	19488.38	19289.12	19352.48	0.61	ppb
Manganese	55-2	1764.11	1770.36	1735.38	1756.62	1.06	ppb
Molybdenum	94-1	12.20	12.25	12.69	12.38	2.15	ppb
Molybdenum	95-1	0.98	1.00	0.95	0.97	2.59	ppb
Molybdenum	96-1	2.85	2.87	2.82	2.84	0.93	ppb
Molybdenum	97-1	0.86	1.02	1.09	0.99	11.93	ppb
Molybdenum	98-1	0.92	0.91	0.95	0.93	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.58	46.19	45.05	45.61	1.25	ppb
Phosphorus	31-2	2745.06	2783.99	2750.24	2759.76	0.77	ppb
Potassium	39-2	5830.03	5834.20	5727.21	5797.14	1.05	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				90		%
Selenium	82-1	0.28	-0.08	1.30	0.50	143.56	ppb
Selenium	77-2	15.08	14.63	15.47	15.06	2.81	ppb
Selenium	78-2	2.35	0.91	1.80	1.68	43.19	ppb
Silicon	28-1	1340.73	1346.62	1367.76	1351.70	1.05	ppb
Silver	107-1	0.13	0.13	0.14	0.14	6.02	ppb
Silver	109-1	0.14	0.14	0.14	0.14	0.80	ppb
Sodium	23-2	235.53	235.24	235.47	235.41	0.06	ppb
Strontium	86-1	59.72	59.34	60.87	59.98	1.33	ppb
Strontium	88-1	59.84	60.52	60.65	60.34	0.72	ppb
Sulfur	34-1	-3.25	81.51	67.04	48.43	93.61	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.22	0.24	0.23	0.23	3.42	ppb
Thallium	205-1	0.22	0.22	0.23	0.22	1.40	ppb
Tin	118-1	1.44	1.52	1.52	1.49	3.27	ppb
Titanium	47-1	854.18	864.19	878.26	865.54	1.40	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:10:51	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.65	0.65	0.64	1.35	ppb
Vanadium	51-2	139.32	139.34	137.63	138.76	0.71	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	199.11	203.34	199.08	200.51	1.22	ppb
Zirconium	90-1	6.39	6.56	6.65	6.54	2.04	ppb
Zirconium	91-1	6.43	6.53	6.78	6.58	2.73	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:14:03	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40334.84	40231.66	40082.58	40216.36	0.32	ppb
Antimony	121-1	1.60	1.64	1.63	1.62	1.47	ppb
Arsenic	75-2	111.14	115.83	112.42	113.13	2.15	ppb
Barium	135-1	393.41	398.77	390.78	394.32	1.03	ppb
Barium	137-1	396.96	398.49	395.35	396.93	0.40	ppb
Beryllium	9-1	1.74	1.70	1.73	1.72	1.44	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.34	2.28	2.00	2.21	8.22	ppb
Cadmium	106-1	3.17	1.94	0.11	1.74	88.24	ppb
Cadmium	111-1	2.29	2.23	2.14	2.22	3.47	ppb
Calcium	43-1	15967.50	16121.78	15879.86	15989.71	0.77	ppb
Calcium	44-1	14835.06	15032.01	14765.49	14877.52	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.08	45.95	46.62	46.22	0.77	ppb
Cobalt	59-2	44.94	45.57	44.89	45.13	0.84	ppb
Copper	63-2	203.13	204.17	203.67	203.66	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	102710.87	103219.78	103228.87	103053.17	0.29	ppb
Iron	57-2	102540.04	102104.98	102358.39	102334.47	0.21	ppb
Iron	54-2	102147.71	103472.10	103055.63	102891.81	0.66	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:14:03	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.61	94.35	95.61	94.86	0.70	ppb
Lead	207-1	95.54	96.09	97.37	96.34	0.97	ppb
Lead	208-1	94.93	94.82	95.95	95.23	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	15660.71	15953.07	15931.98	15848.59	1.03	ppb
Manganese	55-2	1946.38	1981.32	1974.26	1967.32	0.94	ppb
Molybdenum	94-1	10.24	10.00	10.50	10.25	2.43	ppb
Molybdenum	95-1	1.34	1.35	1.39	1.36	2.03	ppb
Molybdenum	96-1	3.04	3.03	3.05	3.04	0.22	ppb
Molybdenum	97-1	1.32	1.22	1.32	1.28	4.60	ppb
Molybdenum	98-1	1.32	1.26	1.23	1.27	3.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.59	45.03	45.77	45.46	0.85	ppb
Phosphorus	31-2	2690.76	2673.86	2707.87	2690.83	0.63	ppb
Potassium	39-2	7192.87	7109.12	7216.07	7172.69	0.78	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.28	1.55	0.91	0.91	69.25	ppb
Selenium	77-2	16.81	19.85	16.35	17.67	10.77	ppb
Selenium	78-2	4.31	4.57	2.64	3.84	27.19	ppb
Silicon	28-1	1457.02	1463.96	1468.75	1463.24	0.40	ppb
Silver	107-1	0.53	0.59	0.59	0.57	5.89	ppb
Silver	109-1	0.57	0.56	0.55	0.56	1.59	ppb
Sodium	23-2	213.24	219.79	216.28	216.44	1.51	ppb
Strontium	86-1	76.22	75.76	75.61	75.86	0.42	ppb
Strontium	88-1	76.98	76.30	76.72	76.67	0.45	ppb
Sulfur	34-1	-201.52	-291.07	-353.12	-281.91		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.29	0.29	0.28	0.29	1.99	ppb
Thallium	205-1	0.27	0.28	0.28	0.28	1.72	ppb
Tin	118-1	2.04	2.03	2.04	2.04	0.12	ppb
Titanium	47-1	1000.69	999.14	998.46	999.43	0.11	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:14:03	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.99	0.98	0.98	1.01	ppb
Vanadium	51-2	177.57	178.58	178.80	178.32	0.37	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	413.38	417.95	415.76	415.70	0.55	ppb
Zirconium	90-1	5.12	5.07	5.10	5.10	0.46	ppb
Zirconium	91-1	5.14	5.16	5.11	5.14	0.49	ppb

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:17:13	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38541.21	39490.13	39715.51	39248.95	1.59	ppb
Antimony	121-1	1.81	1.78	1.79	1.79	0.85	ppb
Arsenic	75-2	89.27	89.35	87.83	88.82	0.96	ppb
Barium	135-1	378.97	381.38	381.78	380.71	0.40	ppb
Barium	137-1	380.74	380.78	383.10	381.54	0.35	ppb
Beryllium	9-1	1.72	1.49	1.64	1.62	7.27	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.15	2.41	2.21	2.26	6.10	ppb
Cadmium	106-1	1.76	1.75	0.16	1.22	75.19	ppb
Cadmium	111-1	2.00	2.03	2.00	2.01	0.98	ppb
Calcium	43-1	16081.51	16125.59	16131.87	16112.99	0.17	ppb
Calcium	44-1	14788.27	14870.68	14841.88	14833.61	0.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.12	48.24	48.95	48.43	0.93	ppb
Cobalt	59-2	48.43	48.87	49.14	48.81	0.74	ppb
Copper	63-2	205.78	208.47	208.97	207.74	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				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	105726.70	107512.07	108236.30	107158.35	1.21	ppb
Iron	57-2	104798.57	106012.01	106476.30	105762.30	0.82	ppb
Iron	54-2	105108.57	105597.32	106159.56	105621.82	0.50	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:17:13	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	73.79	73.89	74.90	74.19	0.83	ppb
Lead	207-1	72.71	74.05	74.71	73.82	1.38	ppb
Lead	208-1	72.88	73.75	74.36	73.66	1.01	ppb
Lithium	6-1				93		%
Magnesium	24-2	15843.66	16156.51	16033.61	16011.26	0.98	ppb
Manganese	55-2	1879.74	1897.79	1917.38	1898.30	0.99	ppb
Molybdenum	94-1	16.02	16.12	16.11	16.08	0.34	ppb
Molybdenum	95-1	1.31	1.34	1.33	1.32	1.14	ppb
Molybdenum	96-1	3.64	3.61	3.63	3.63	0.43	ppb
Molybdenum	97-1	1.40	1.27	1.26	1.31	5.90	ppb
Molybdenum	98-1	1.30	1.28	1.29	1.29	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.77	43.67	44.34	43.93	0.82	ppb
Phosphorus	31-2	2601.68	2603.77	2578.55	2594.67	0.54	ppb
Potassium	39-2	7048.88	6989.30	7076.70	7038.30	0.63	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	1.02	1.18	1.53	1.24	20.99	ppb
Selenium	77-2	18.49	18.04	18.45	18.32	1.37	ppb
Selenium	78-2	2.77	3.26	2.54	2.86	12.98	ppb
Silicon	28-1	1445.68	1460.14	1447.20	1451.01	0.55	ppb
Silver	107-1	0.49	0.50	0.51	0.50	1.93	ppb
Silver	109-1	0.49	0.51	0.50	0.50	1.90	ppb
Sodium	23-2	226.12	229.30	231.29	228.90	1.14	ppb
Strontium	86-1	77.02	77.00	77.01	77.01	0.01	ppb
Strontium	88-1	76.89	77.60	77.77	77.42	0.60	ppb
Sulfur	34-1	-300.38	-363.82	-506.90	-390.37		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.27	0.28	0.28	0.27	2.90	ppb
Thallium	205-1	0.27	0.27	0.28	0.27	2.87	ppb
Tin	118-1	2.19	2.19	2.17	2.18	0.53	ppb
Titanium	47-1	1438.77	1449.27	1442.55	1443.53	0.37	ppb

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:17:13	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.01	1.02	1.05	1.03	2.17	ppb
Vanadium	51-2	184.97	187.83	189.35	187.38	1.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	291.05	293.00	295.30	293.12	0.73	ppb
Zirconium	90-1	8.31	8.37	8.35	8.35	0.34	ppb
Zirconium	91-1	8.38	8.41	8.47	8.42	0.58	ppb

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:20:25	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43341.02	44305.76	44311.49	43986.09	1.27	ppb
Antimony	121-1	1.71	1.72	1.67	1.70	1.56	ppb
Arsenic	75-2	72.56	75.06	75.70	74.44	2.23	ppb
Barium	135-1	402.52	409.11	407.04	406.22	0.83	ppb
Barium	137-1	407.87	410.70	411.76	410.11	0.49	ppb
Beryllium	9-1	1.64	1.55	1.53	1.57	3.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.40	2.06	2.10	2.19	8.54	ppb
Cadmium	106-1	1.15	2.50	1.90	1.85	36.54	ppb
Cadmium	111-1	2.03	1.88	1.95	1.95	3.94	ppb
Calcium	43-1	19791.06	19899.16	19790.57	19826.93	0.32	ppb
Calcium	44-1	18365.20	18437.99	18246.26	18349.81	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.39	54.47	54.64	54.50	0.23	ppb
Cobalt	59-2	44.55	44.80	44.76	44.71	0.30	ppb
Copper	63-2	183.23	185.83	186.91	185.33	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	103358.13	104688.88	105672.44	104573.15	1.11	ppb
Iron	57-2	102338.60	102538.24	103664.48	102847.11	0.70	ppb
Iron	54-2	103279.17	104111.84	104763.25	104051.42	0.71	ppb
Krypton	83-1						cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:20:25	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	68.69	69.89	69.36	69.31	0.87	ppb
Lead	207-1	68.42	69.41	69.62	69.15	0.93	ppb
Lead	208-1	68.16	69.12	69.16	68.82	0.83	ppb
Lithium	6-1				94		%
Magnesium	24-2	20297.55	20563.96	20670.94	20510.82	0.94	ppb
Manganese	55-2	2126.75	2147.56	2149.71	2141.34	0.59	ppb
Molybdenum	94-1	18.24	18.53	18.49	18.42	0.85	ppb
Molybdenum	95-1	1.27	1.33	1.32	1.31	2.33	ppb
Molybdenum	96-1	3.88	3.89	3.87	3.88	0.35	ppb
Molybdenum	97-1	1.34	1.27	1.29	1.30	2.55	ppb
Molybdenum	98-1	1.29	1.28	1.26	1.28	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.16	50.04	49.71	49.64	0.89	ppb
Phosphorus	31-2	2734.51	2778.87	2751.81	2755.06	0.81	ppb
Potassium	39-2	7273.99	7437.80	7498.76	7403.52	1.57	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	82-1	1.17	0.96	0.54	0.89	35.88	ppb
Selenium	77-2	12.85	17.66	13.69	14.73	17.42	ppb
Selenium	78-2	3.36	3.10	3.36	3.27	4.59	ppb
Silicon	28-1	1356.62	1360.91	1321.07	1346.20	1.62	ppb
Silver	107-1	0.44	0.45	0.47	0.45	2.86	ppb
Silver	109-1	0.43	0.50	0.46	0.46	7.56	ppb
Sodium	23-2	245.02	249.60	251.34	248.66	1.31	ppb
Strontium	86-1	131.78	132.40	132.25	132.14	0.25	ppb
Strontium	88-1	134.36	132.44	134.33	133.71	0.82	ppb
Sulfur	34-1	-259.39	-286.98	-342.51	-296.29		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.31	0.31	0.31	0.31	0.88	ppb
Thallium	205-1	0.30	0.31	0.30	0.30	1.37	ppb
Tin	118-1	2.49	2.56	2.51	2.52	1.60	ppb
Titanium	47-1	1183.02	1199.06	1171.05	1184.38	1.19	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:20:25	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.00	0.99	1.00	1.00	0.33	ppb
Vanadium	51-2	171.38	172.57	172.66	172.20	0.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	310.63	318.92	317.18	315.58	1.38	ppb
Zirconium	90-1	9.67	9.83	9.85	9.78	1.04	ppb
Zirconium	91-1	9.63	10.02	9.76	9.80	2.02	ppb

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:27:33	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49259.42	48080.72	49035.93	48792.02	1.28	ppb
Antimony	121-1	504.78	505.61	516.00	508.80	1.23	ppb
Arsenic	75-2	471.14	475.81	474.70	473.88	0.52	ppb
Barium	135-1	2589.52	2542.86	2609.16	2580.51	1.32	ppb
Barium	137-1	2561.32	2573.32	2592.29	2575.65	0.61	ppb
Beryllium	9-1	507.52	507.81	505.89	507.07	0.20	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.05	508.21	511.95	507.07	1.09	ppb
Cadmium	106-1	502.88	508.60	520.80	510.76	1.79	ppb
Cadmium	111-1	501.35	504.37	506.84	504.19	0.54	ppb
Calcium	43-1	257415.38	261978.13	267522.11	262305.21	1.93	ppb
Calcium	44-1	254804.22	260967.11	261912.18	259227.84	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.83	496.12	501.30	499.42	0.57	ppb
Cobalt	59-2	510.06	501.57	508.85	506.83	0.91	ppb
Copper	63-2	5057.19	4956.87	4986.30	5000.12	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				89		%
Iron	56-2	132415.25	130702.90	130996.08	131371.41	0.70	ppb
Iron	57-2	131995.41	130413.70	132006.16	131471.75	0.70	ppb
Iron	54-2	132067.17	130230.05	131724.14	131340.45	0.74	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:27:33	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2616.89	2663.44	2667.12	2649.15	1.06	ppb
Lead	207-1	2597.32	2628.94	2616.33	2614.20	0.61	ppb
Lead	208-1	2608.04	2649.86	2639.51	2632.47	0.83	ppb
Lithium	6-1				90		%
Magnesium	24-2	244597.12	241373.94	244949.69	243640.25	0.81	ppb
Manganese	55-2	4991.34	4894.02	4961.46	4948.94	1.01	ppb
Molybdenum	94-1	5222.13	5224.13	5211.63	5219.29	0.13	ppb
Molybdenum	95-1	5230.10	5251.09	5263.87	5248.36	0.32	ppb
Molybdenum	96-1	5160.80	5227.04	5233.27	5207.04	0.77	ppb
Molybdenum	97-1	5131.56	5216.02	5191.61	5179.73	0.84	ppb
Molybdenum	98-1	5189.92	5267.58	5240.62	5232.70	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.11	494.24	498.70	497.68	0.62	ppb
Phosphorus	31-2	9475.23	9582.24	9358.99	9472.15	1.18	ppb
Potassium	39-2	125541.71	125295.74	126008.64	125615.36	0.29	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	82-1	510.70	512.21	513.02	511.98	0.23	ppb
Selenium	77-2	456.49	453.44	469.05	459.66	1.80	ppb
Selenium	78-2	472.83	476.99	477.46	475.76	0.54	ppb
Silicon	28-1	625.02	643.38	644.10	637.50	1.70	ppb
Silver	107-1	502.19	494.46	502.72	499.79	0.93	ppb
Silver	109-1	501.82	500.48	501.33	501.21	0.14	ppb
Sodium	23-2	248989.35	245833.96	247626.64	247483.32	0.64	ppb
Strontium	86-1	12857.85	12901.40	12831.35	12863.54	0.27	ppb
Strontium	88-1	12886.86	12951.22	13055.00	12964.36	0.65	ppb
Sulfur	34-1	10031.31	10446.07	10486.17	10321.18	2.44	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	529.07	535.40	538.53	534.33	0.90	ppb
Thallium	205-1	526.17	537.08	533.15	532.14	1.04	ppb
Tin	118-1	510.86	515.93	520.59	515.79	0.94	ppb
Titanium	47-1	5168.38	5290.17	5265.28	5241.28	1.23	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:27:33	DataFile Name :	086CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	517.76	526.81	526.33	523.63	0.97	ppb
Vanadium	51-2	508.02	502.13	506.26	505.47	0.60	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	5034.78	4989.44	4996.47	5006.89	0.49	ppb
Zirconium	90-1	514.90	523.46	521.92	520.10	0.88	ppb
Zirconium	91-1	514.47	523.26	522.37	520.03	0.93	ppb

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:30:20	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.35	1.07	0.87	1.10	22.33	ppb
Antimony	121-1	0.39	0.39	0.43	0.41	5.66	ppb
Arsenic	75-2	0.04	0.03	0.03	0.03	23.52	ppb
Barium	135-1	0.08	0.07	0.04	0.07	34.64	ppb
Barium	137-1	0.07	0.04	0.04	0.05	41.53	ppb
Beryllium	9-1	0.14	0.07	0.07	0.09	43.33	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.07	0.07	0.09	39.67	ppb
Cadmium	106-1	-2.58	-3.21	-2.79	-2.86		ppb
Cadmium	111-1	0.03	0.01	0.01	0.02	84.34	ppb
Calcium	43-1	14.41	4.69	4.76	7.95	70.31	ppb
Calcium	44-1	6.62	4.39	2.84	4.61	41.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.04	-0.02		ppb
Cobalt	59-2	-0.07	-0.06	-0.06	-0.06		ppb
Copper	63-2	0.20	0.20	0.20	0.20	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	-5.69	-5.59	-5.45	-5.58		ppb
Iron	57-2	-4.93	-4.79	-5.00	-4.91		ppb
Iron	54-2	-6.03	-7.28	-7.27	-6.86		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:30:20	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.16	0.15	0.11	0.14	16.89	ppb
Lead	207-1	0.19	0.14	0.14	0.15	17.27	ppb
Lead	208-1	0.17	0.15	0.12	0.15	18.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.36	3.59	2.92	3.29	10.23	ppb
Manganese	55-2	-0.34	-0.29	-0.27	-0.30		ppb
Molybdenum	94-1	0.58	0.48	0.42	0.49	15.69	ppb
Molybdenum	95-1	0.33	0.27	0.26	0.29	12.64	ppb
Molybdenum	96-1	0.32	0.23	0.21	0.25	22.85	ppb
Molybdenum	97-1	0.31	0.26	0.27	0.28	9.28	ppb
Molybdenum	98-1	0.33	0.27	0.28	0.29	11.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.13	-0.12	-0.13		ppb
Phosphorus	31-2	-13.40	-13.34	-18.49	-15.08		ppb
Potassium	39-2	12.25	8.69	14.07	11.67	23.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	-1.12	-1.15	-1.39	-1.22		ppb
Selenium	77-2	0.46	0.00	0.00	0.15	173.21	ppb
Selenium	78-2	0.26	0.55	-1.07	-0.09		ppb
Silicon	28-1	-0.01	0.22	-0.08	0.04	362.52	ppb
Silver	107-1	0.07	0.05	0.04	0.05	25.70	ppb
Silver	109-1	0.07	0.05	0.05	0.05	18.45	ppb
Sodium	23-2	31.75	29.43	29.16	30.11	4.73	ppb
Strontium	86-1	0.41	0.23	0.23	0.29	35.25	ppb
Strontium	88-1	0.43	0.28	0.22	0.31	35.58	ppb
Sulfur	34-1	-26.37	17.55	20.91	4.03	654.39	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.08	0.06	0.08	23.08	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	15.82	ppb
Tin	118-1	0.19	0.20	0.21	0.20	5.40	ppb
Titanium	47-1	-1.30	-1.35	-1.26	-1.30		ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:30:20	DataFile Name :	087CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	36.83	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	27.04	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	0.39	0.13	0.25	0.26	49.28	ppb
Zirconium	90-1	0.14	0.11	0.12	0.12	15.66	ppb
Zirconium	91-1	0.16	0.13	0.14	0.14	12.46	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:33:38	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8690.11	8630.06	8542.55	8620.91	0.86	ppb
Antimony	121-1	0.77	0.74	0.78	0.76	2.41	ppb
Arsenic	75-2	40.62	38.34	38.49	39.15	3.26	ppb
Barium	135-1	68.19	65.62	68.69	67.50	2.44	ppb
Barium	137-1	68.65	68.35	67.93	68.31	0.53	ppb
Beryllium	9-1	0.53	0.46	0.41	0.47	12.69	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.73	0.58	0.51	0.60	18.54	ppb
Cadmium	106-1	1.45	-1.86	-0.54	-0.31		ppb
Cadmium	111-1	0.70	0.62	0.63	0.65	6.89	ppb
Calcium	43-1	3075.11	3008.90	2989.40	3024.47	1.49	ppb
Calcium	44-1	3032.95	3023.74	3042.86	3033.18	0.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.06	10.90	10.81	10.92	1.18	ppb
Cobalt	59-2	12.18	12.21	12.02	12.14	0.86	ppb
Copper	63-2	52.73	52.77	51.49	52.33	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	27245.45	27492.34	27129.28	27289.02	0.68	ppb
Iron	57-2	28754.36	28793.02	28355.25	28634.21	0.85	ppb
Iron	54-2	27826.55	27836.27	27066.20	27576.34	1.60	ppb
Krypton	83-1						cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:33:38	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	28.16	28.16	27.74	28.02	0.87	ppb
Lead	207-1	28.66	30.38	28.47	29.17	3.60	ppb
Lead	208-1	28.89	29.06	28.29	28.74	1.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	3494.53	3466.06	3408.49	3456.36	1.27	ppb
Manganese	55-2	500.12	500.44	494.08	498.21	0.72	ppb
Molybdenum	94-1	4.04	3.90	3.89	3.94	2.05	ppb
Molybdenum	95-1	0.45	0.45	0.42	0.44	3.70	ppb
Molybdenum	96-1	0.94	1.12	0.95	1.01	10.12	ppb
Molybdenum	97-1	0.46	0.48	0.46	0.47	2.64	ppb
Molybdenum	98-1	0.47	0.48	0.45	0.47	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.72	10.43	9.81	9.99	3.85	ppb
Phosphorus	31-2	687.37	636.01	703.68	675.69	5.23	ppb
Potassium	39-2	2207.45	2205.98	2179.51	2197.64	0.72	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	-0.34	-0.32	-0.84	-0.50		ppb
Selenium	77-2	3.98	2.63	4.36	3.66	24.80	ppb
Selenium	78-2	-0.28	1.24	-0.46	0.17	566.25	ppb
Silicon	28-1	338.48	343.60	337.46	339.85	0.97	ppb
Silver	107-1	0.21	0.20	0.21	0.21	2.37	ppb
Silver	109-1	0.23	0.26	0.21	0.23	10.97	ppb
Sodium	23-2	64.15	63.97	62.99	63.71	0.98	ppb
Strontium	86-1	16.13	16.95	15.73	16.27	3.83	ppb
Strontium	88-1	16.54	16.53	16.35	16.47	0.67	ppb
Sulfur	34-1	31.62	1.47	-163.75	-43.55		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.12	0.12	0.12	2.93	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	5.79	ppb
Tin	118-1	0.56	0.53	0.58	0.55	4.64	ppb
Titanium	47-1	384.58	396.47	391.34	390.80	1.53	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:33:38	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.25	0.27	0.26	0.26	2.99	ppb
Vanadium	51-2	49.67	49.29	49.13	49.36	0.57	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	115.32	116.56	113.98	115.28	1.12	ppb
Zirconium	90-1	1.93	1.97	1.98	1.96	1.21	ppb
Zirconium	91-1	1.86	2.05	2.05	1.98	5.41	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:36:52	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8565.14	8687.53	8527.77	8593.48	0.97	ppb
Antimony	121-1	0.70	0.67	0.74	0.70	4.75	ppb
Arsenic	75-2	39.22	38.13	37.28	38.21	2.54	ppb
Barium	135-1	70.79	66.12	71.62	69.51	4.27	ppb
Barium	137-1	69.14	68.86	70.05	69.35	0.89	ppb
Beryllium	9-1	0.41	0.47	0.39	0.42	10.53	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.73	0.81	0.55	0.69	19.29	ppb
Cadmium	106-1	-0.82	0.18	-1.67	-0.77		ppb
Cadmium	111-1	0.71	0.72	0.61	0.68	9.16	ppb
Calcium	43-1	2982.75	3069.20	2956.53	3002.82	1.96	ppb
Calcium	44-1	2974.78	3043.07	2958.09	2991.98	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.94	11.09	10.77	10.94	1.48	ppb
Cobalt	59-2	11.69	11.99	11.70	11.79	1.43	ppb
Copper	63-2	51.84	52.18	52.19	52.07	0.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	27109.38	27250.03	26766.25	27041.89	0.92	ppb
Iron	57-2	28154.62	28667.79	28364.36	28395.59	0.91	ppb
Iron	54-2	27269.20	27819.13	27279.23	27455.85	1.15	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:36:52	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	29.00	27.90	28.69	28.53	1.99	ppb
Lead	207-1	28.65	29.64	27.98	28.76	2.91	ppb
Lead	208-1	28.38	28.67	27.86	28.30	1.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	3424.72	3497.05	3411.70	3444.49	1.33	ppb
Manganese	55-2	493.75	497.27	492.41	494.48	0.51	ppb
Molybdenum	94-1	3.88	3.99	3.90	3.92	1.46	ppb
Molybdenum	95-1	0.41	0.46	0.39	0.42	8.25	ppb
Molybdenum	96-1	0.91	1.02	1.04	0.99	7.26	ppb
Molybdenum	97-1	0.41	0.44	0.39	0.41	6.18	ppb
Molybdenum	98-1	0.38	0.43	0.39	0.40	6.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.12	10.21	10.00	10.11	1.05	ppb
Phosphorus	31-2	650.36	689.53	693.70	677.86	3.53	ppb
Potassium	39-2	2171.71	2188.68	2179.02	2179.80	0.39	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	-0.97	0.00	-1.01	-0.66		ppb
Selenium	77-2	3.92	6.59	3.92	4.81	32.10	ppb
Selenium	78-2	1.32	0.60	-0.22	0.57	136.06	ppb
Silicon	28-1	333.86	346.46	335.58	338.63	2.02	ppb
Silver	107-1	0.19	0.18	0.18	0.18	0.97	ppb
Silver	109-1	0.18	0.20	0.19	0.19	5.86	ppb
Sodium	23-2	63.21	65.49	64.19	64.30	1.78	ppb
Strontium	86-1	15.84	16.38	16.17	16.13	1.69	ppb
Strontium	88-1	16.27	16.49	16.31	16.36	0.72	ppb
Sulfur	34-1	-408.80	-140.35	-507.71	-352.28		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.08	0.10	0.10	0.10	13.12	ppb
Thallium	205-1	0.10	0.10	0.09	0.09	7.06	ppb
Tin	118-1	0.57	0.58	0.58	0.58	0.77	ppb
Titanium	47-1	398.17	408.16	395.50	400.61	1.67	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:36:52	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.27	0.24	0.26	4.44	ppb
Vanadium	51-2	48.43	48.69	48.78	48.63	0.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	112.86	115.80	112.45	113.70	1.60	ppb
Zirconium	90-1	2.01	2.00	2.08	2.03	2.37	ppb
Zirconium	91-1	1.94	2.05	1.94	1.98	3.35	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:40:08	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1687.51	1704.92	1662.11	1684.84	1.28	ppb
Antimony	121-1	0.14	0.15	0.14	0.15	5.74	ppb
Arsenic	75-2	7.30	7.32	8.29	7.64	7.46	ppb
Barium	135-1	13.73	13.65	13.51	13.63	0.81	ppb
Barium	137-1	13.70	13.53	13.79	13.68	0.96	ppb
Beryllium	9-1	0.10	0.11	0.09	0.10	7.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.16	0.16	0.16	1.15	ppb
Cadmium	106-1	-1.70	-2.76	-1.27	-1.91		ppb
Cadmium	111-1	0.10	0.12	0.12	0.11	7.57	ppb
Calcium	43-1	606.60	608.79	608.81	608.07	0.21	ppb
Calcium	44-1	580.99	591.67	597.20	589.95	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.24	2.11	2.11	2.16	3.58	ppb
Cobalt	59-2	2.36	2.18	2.22	2.25	4.13	ppb
Copper	63-2	10.44	10.42	9.90	10.25	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	5330.66	5305.58	5215.86	5284.04	1.14	ppb
Iron	57-2	5626.07	5618.18	5464.98	5569.75	1.63	ppb
Iron	54-2	5667.71	5651.44	5553.87	5624.34	1.09	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:40:08	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.55	5.53	5.62	5.57	0.80	ppb
Lead	207-1	5.67	5.66	5.71	5.68	0.39	ppb
Lead	208-1	5.61	5.58	5.65	5.61	0.66	ppb
Lithium	6-1				97		%
Magnesium	24-2	672.76	671.28	668.18	670.74	0.35	ppb
Manganese	55-2	97.79	97.07	95.62	96.83	1.14	ppb
Molybdenum	94-1	0.82	0.85	0.86	0.84	2.59	ppb
Molybdenum	95-1	0.09	0.08	0.10	0.09	12.91	ppb
Molybdenum	96-1	0.17	0.18	0.19	0.18	5.72	ppb
Molybdenum	97-1	0.09	0.08	0.09	0.09	4.56	ppb
Molybdenum	98-1	0.10	0.10	0.11	0.10	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.70	1.84	1.82	1.79	4.28	ppb
Phosphorus	31-2	104.08	132.56	124.62	120.42	12.21	ppb
Potassium	39-2	433.01	430.02	423.61	428.88	1.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.96	-0.89	-1.16	-1.00		ppb
Selenium	77-2	0.44	0.44	0.44	0.44	0.15	ppb
Selenium	78-2	0.80	0.13	-0.78	0.05	1601.43	ppb
Silicon	28-1	65.90	67.04	67.50	66.81	1.24	ppb
Silver	107-1	0.03	0.04	0.05	0.04	26.45	ppb
Silver	109-1	0.04	0.03	0.04	0.04	14.55	ppb
Sodium	23-2	24.61	24.52	24.36	24.50	0.51	ppb
Strontium	86-1	3.04	3.28	3.30	3.21	4.42	ppb
Strontium	88-1	3.25	3.23	3.25	3.24	0.41	ppb
Sulfur	34-1	-351.40	-272.81	-316.41	-313.54		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.55	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	13.74	ppb
Tin	118-1	0.15	0.16	0.14	0.15	7.38	ppb
Titanium	47-1	75.73	75.64	76.77	76.05	0.82	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:40:08	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.04	0.05	0.05	7.84	ppb
Vanadium	51-2	9.56	9.75	9.72	9.68	1.03	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	23.11	22.46	21.55	22.37	3.51	ppb
Zirconium	90-1	0.37	0.41	0.41	0.40	5.98	ppb
Zirconium	91-1	0.41	0.39	0.38	0.39	4.24	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:43:24	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9167.60	9219.90	10388.42	9591.97	7.20	ppb
Antimony	121-1	15.07	15.27	16.21	15.52	3.90	ppb
Arsenic	75-2	44.77	46.74	50.81	47.44	6.49	ppb
Barium	135-1	345.67	357.46	367.21	356.78	3.02	ppb
Barium	137-1	351.97	359.28	367.02	359.42	2.09	ppb
Beryllium	9-1	8.15	8.08	8.62	8.28	3.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.90	7.39	6.96	7.09	3.78	ppb
Cadmium	106-1	6.35	4.82	6.41	5.86	15.37	ppb
Cadmium	111-1	7.80	7.94	8.05	7.93	1.58	ppb
Calcium	43-1	3143.95	3083.64	3177.32	3134.97	1.51	ppb
Calcium	44-1	3120.11	3072.62	3182.09	3124.94	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.88	42.69	48.51	44.70	7.39	ppb
Cobalt	59-2	91.45	92.01	103.10	95.52	6.88	ppb
Copper	63-2	90.48	91.67	104.37	95.50	8.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	56-2	27992.55	27897.21	31776.02	29221.93	7.57	ppb
Iron	57-2	29641.20	29545.19	33576.18	30920.86	7.44	ppb
Iron	54-2	28406.72	28299.57	32214.29	29640.19	7.52	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:43:24	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	31.22	32.04	31.96	31.74	1.42	ppb
Lead	207-1	33.10	33.20	31.75	32.68	2.47	ppb
Lead	208-1	31.83	32.36	32.33	32.17	0.92	ppb
Lithium	6-1				97		%
Magnesium	24-2	3543.57	3568.95	4026.86	3713.13	7.33	ppb
Manganese	55-2	584.59	583.42	664.90	610.97	7.64	ppb
Molybdenum	94-1	3.87	4.04	4.17	4.03	3.73	ppb
Molybdenum	95-1	0.43	0.47	0.43	0.44	5.14	ppb
Molybdenum	96-1	1.03	0.98	0.96	0.99	3.54	ppb
Molybdenum	97-1	0.44	0.46	0.48	0.46	4.76	ppb
Molybdenum	98-1	0.42	0.48	0.40	0.43	9.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	89.80	89.18	99.85	92.95	6.44	ppb
Phosphorus	31-2	736.37	676.94	755.11	722.80	5.65	ppb
Potassium	39-2	2256.84	2256.54	2573.61	2362.33	7.75	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	17.24	17.85	16.01	17.03	5.50	ppb
Selenium	77-2	13.63	20.42	25.63	19.89	30.26	ppb
Selenium	78-2	15.09	17.11	18.21	16.80	9.40	ppb
Silicon	28-1	358.85	354.31	364.52	359.23	1.42	ppb
Silver	107-1	7.75	7.92	8.40	8.02	4.20	ppb
Silver	109-1	7.72	7.96	8.51	8.06	4.97	ppb
Sodium	23-2	57.66	59.92	72.31	63.30	12.45	ppb
Strontium	86-1	17.05	17.68	16.96	17.23	2.28	ppb
Strontium	88-1	16.86	17.40	17.29	17.19	1.67	ppb
Sulfur	34-1	-147.38	-482.70	-312.26	-314.11		ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	7.03	6.93	6.70	6.89	2.48	ppb
Thallium	205-1	6.74	6.73	6.95	6.81	1.86	ppb
Tin	118-1	0.53	0.51	0.55	0.53	4.07	ppb
Titanium	47-1	411.70	412.80	411.91	412.13	0.14	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:43:24	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.27	0.26	0.27	1.08	ppb
Vanadium	51-2	126.74	125.21	143.31	131.75	7.62	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	194.80	196.65	220.72	204.06	7.09	ppb
Zirconium	90-1	1.99	2.10	2.02	2.04	2.56	ppb
Zirconium	91-1	2.08	2.14	2.01	2.07	3.16	ppb

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:46:40	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10069.52	10028.66	10108.75	10068.98	0.40	ppb
Antimony	121-1	74.84	75.83	76.29	75.65	0.98	ppb
Arsenic	75-2	66.72	68.29	67.96	67.66	1.22	ppb
Barium	135-1	1555.81	1556.18	1581.69	1564.56	0.95	ppb
Barium	137-1	1543.08	1569.66	1568.98	1560.57	0.97	ppb
Beryllium	9-1	38.39	39.67	38.81	38.96	1.67	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	32.50	34.06	34.21	33.59	2.82	ppb
Cadmium	106-1	31.64	33.09	33.59	32.77	3.09	ppb
Cadmium	111-1	36.53	37.07	37.34	36.98	1.11	ppb
Calcium	43-1	3023.50	3038.66	3020.02	3027.39	0.33	ppb
Calcium	44-1	2985.24	3033.56	3045.65	3021.48	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	163.05	161.30	162.11	162.15	0.54	ppb
Cobalt	59-2	396.20	393.89	397.48	395.86	0.46	ppb
Copper	63-2	234.44	234.59	235.07	234.70	0.14	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				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	27968.54	27873.22	28074.41	27972.06	0.36	ppb
Iron	57-2	29511.49	29408.07	29577.19	29498.91	0.29	ppb
Iron	54-2	28471.52	28309.64	28330.77	28370.64	0.31	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:46:40	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	41.61	42.02	42.10	41.91	0.63	ppb
Lead	207-1	41.77	42.22	42.04	42.01	0.54	ppb
Lead	208-1	41.70	42.08	42.05	41.95	0.51	ppb
Lithium	6-1				95		%
Magnesium	24-2	3451.15	3435.54	3461.20	3449.30	0.37	ppb
Manganese	55-2	865.59	862.08	871.68	866.45	0.56	ppb
Molybdenum	94-1	3.92	3.96	4.04	3.97	1.53	ppb
Molybdenum	95-1	0.43	0.42	0.43	0.43	0.38	ppb
Molybdenum	96-1	0.98	0.97	0.93	0.96	2.76	ppb
Molybdenum	97-1	0.41	0.42	0.40	0.41	2.26	ppb
Molybdenum	98-1	0.40	0.39	0.44	0.41	6.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.16	393.88	397.07	395.70	0.41	ppb
Phosphorus	31-2	698.33	720.89	705.17	708.13	1.63	ppb
Potassium	39-2	2186.84	2200.01	2205.14	2197.33	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	81.16	82.00	79.76	80.97	1.40	ppb
Selenium	77-2	77.27	74.44	80.53	77.41	3.93	ppb
Selenium	78-2	80.21	82.40	74.03	78.88	5.51	ppb
Silicon	28-1	341.90	347.57	353.24	347.57	1.63	ppb
Silver	107-1	36.03	36.89	36.99	36.63	1.44	ppb
Silver	109-1	36.00	36.73	36.38	36.37	1.01	ppb
Sodium	23-2	57.99	58.23	59.75	58.65	1.62	ppb
Strontium	86-1	16.33	16.35	16.26	16.31	0.30	ppb
Strontium	88-1	16.52	16.43	16.56	16.51	0.40	ppb
Sulfur	34-1	-394.19	-393.16	-334.06	-373.80		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	33.61	34.20	34.38	34.06	1.19	ppb
Thallium	205-1	33.14	33.74	33.69	33.52	0.98	ppb
Tin	118-1	0.50	0.54	0.52	0.52	3.32	ppb
Titanium	47-1	392.54	399.44	402.17	398.05	1.25	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:46:40	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.26	0.26	0.26	0.26	1.67	ppb
Vanadium	51-2	418.58	415.70	419.30	417.86	0.46	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	494.35	494.23	492.11	493.56	0.26	ppb
Zirconium	90-1	1.96	1.96	1.98	1.97	0.62	ppb
Zirconium	91-1	2.02	1.96	2.14	2.04	4.42	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:49:53	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12235.09	59526.94	13882.41	28548.15	94.02	ppb
Antimony	121-1	0.35	0.37	0.41	0.38	8.25	ppb
Arsenic	75-2	31.88	151.94	36.84	73.56	92.35	ppb
Barium	135-1	91.47	90.86	92.84	91.72	1.10	ppb
Barium	137-1	90.43	92.33	92.85	91.87	1.39	ppb
Beryllium	9-1	0.39	0.49	0.44	0.44	11.26	ppb
Bismuth	209-1				101		%
Bismuth	209-2				68		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.61	0.55	0.57	5.54	ppb
Cadmium	106-1	-1.21	-1.42	-2.40	-1.68		ppb
Cadmium	111-1	0.54	0.54	0.55	0.55	1.44	ppb
Calcium	43-1	4382.52	4530.53	4581.73	4498.26	2.30	ppb
Calcium	44-1	4437.27	4517.30	4514.12	4489.57	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.48	65.21	15.54	31.41	93.25	ppb
Cobalt	59-2	12.14	59.25	14.13	28.50	93.46	ppb
Copper	63-2	52.78	259.10	61.55	124.48	93.73	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				101		%
Holmium	165-2				66		%
Indium	115-1				97		%
Indium	115-2				64		%
Iron	56-2	29947.46	145385.77	34784.91	70039.38	93.23	ppb
Iron	57-2	31521.56	152974.85	36522.51	73672.97	93.28	ppb
Iron	54-2	30236.85	146990.78	34876.52	70701.38	93.50	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:49:53	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.65	22.30	23.45	22.47	4.06	ppb
Lead	207-1	21.73	23.01	23.55	22.76	4.11	ppb
Lead	208-1	21.44	22.81	23.21	22.49	4.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	5006.24	24337.35	5802.78	11715.46	93.37	ppb
Manganese	55-2	529.89	2574.75	616.52	1240.39	93.23	ppb
Molybdenum	94-1	4.38	4.86	4.83	4.69	5.69	ppb
Molybdenum	95-1	0.26	0.26	0.29	0.27	6.85	ppb
Molybdenum	96-1	0.91	0.94	0.97	0.94	3.16	ppb
Molybdenum	97-1	0.27	0.26	0.25	0.26	3.80	ppb
Molybdenum	98-1	0.27	0.26	0.27	0.27	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.12	60.84	13.63	28.86	95.97	ppb
Phosphorus	31-2	563.46	3125.19	684.62	1457.76	99.15	ppb
Potassium	39-2	1904.91	9655.63	2209.74	4590.09	95.63	ppb
Rhodium	103-1				96		%
Rhodium	103-2				64		%
Scandium	45-1				94		%
Scandium	45-2				62		%
Selenium	82-1	0.19	-0.38	-0.28	-0.16		ppb
Selenium	77-2	2.76	12.49	4.21	6.49	80.94	ppb
Selenium	78-2	0.16	17.49	1.78	6.48	147.76	ppb
Silicon	28-1	484.28	490.68	489.99	488.32	0.72	ppb
Silver	107-1	0.20	0.17	0.17	0.18	9.02	ppb
Silver	109-1	0.20	0.17	0.17	0.18	10.09	ppb
Sodium	23-2	68.23	395.17	85.11	182.84	100.68	ppb
Strontium	86-1	19.85	20.41	21.32	20.53	3.61	ppb
Strontium	88-1	19.93	21.04	20.94	20.64	2.99	ppb
Sulfur	34-1	-525.57	-307.45	-535.66	-456.23		ppb
Terbium	159-1				100		%
Terbium	159-2				66		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.20	ppb
Thallium	205-1	0.07	0.08	0.07	0.07	7.77	ppb
Tin	118-1	0.44	0.42	0.47	0.44	4.93	ppb
Titanium	47-1	310.44	319.15	324.18	317.92	2.19	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:49:53	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.21	0.22	0.21	7.47	ppb
Vanadium	51-2	53.56	263.62	61.61	126.26	94.27	ppb
Yttrium	89-1				98		%
Yttrium	89-2				65		%
Zinc	66-2	105.94	518.33	123.30	249.19	93.60	ppb
Zirconium	90-1	2.46	2.45	2.53	2.48	1.69	ppb
Zirconium	91-1	2.48	2.65	2.49	2.54	3.64	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:53:10	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12222.74	12223.94	12329.86	12258.85	0.50	ppb
Antimony	121-1	0.34	0.32	0.33	0.33	2.52	ppb
Arsenic	75-2	31.06	31.12	31.56	31.25	0.86	ppb
Barium	135-1	91.89	95.17	93.89	93.65	1.76	ppb
Barium	137-1	93.89	93.91	93.51	93.77	0.24	ppb
Beryllium	9-1	0.38	0.41	0.40	0.40	3.75	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.75	0.56	0.81	0.70	18.33	ppb
Cadmium	106-1	1.09	-1.79	-1.37	-0.69		ppb
Cadmium	111-1	0.57	0.49	0.56	0.54	8.06	ppb
Calcium	43-1	4591.58	4579.85	4583.73	4585.06	0.13	ppb
Calcium	44-1	4617.16	4604.82	4577.64	4599.87	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.31	13.20	13.05	13.19	0.99	ppb
Cobalt	59-2	12.41	12.07	12.03	12.17	1.74	ppb
Copper	63-2	53.15	52.40	52.27	52.61	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	29970.79	29618.26	29960.84	29849.96	0.67	ppb
Iron	57-2	31617.74	31312.25	31466.38	31465.46	0.49	ppb
Iron	54-2	30052.35	30247.27	29976.71	30092.11	0.46	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:53:10	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.48	22.77	23.50	22.91	2.29	ppb
Lead	207-1	23.34	23.19	23.55	23.36	0.79	ppb
Lead	208-1	23.02	22.58	23.14	22.91	1.28	ppb
Lithium	6-1				95		%
Magnesium	24-2	4993.91	5032.71	5039.95	5022.19	0.49	ppb
Manganese	55-2	529.57	525.26	527.21	527.35	0.41	ppb
Molybdenum	94-1	4.51	4.58	4.68	4.59	1.86	ppb
Molybdenum	95-1	0.27	0.27	0.24	0.26	5.68	ppb
Molybdenum	96-1	0.84	0.96	0.88	0.89	7.00	ppb
Molybdenum	97-1	0.21	0.23	0.27	0.24	11.57	ppb
Molybdenum	98-1	0.25	0.24	0.27	0.25	4.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.03	11.59	11.81	11.81	1.85	ppb
Phosphorus	31-2	616.15	623.92	614.26	618.11	0.83	ppb
Potassium	39-2	1909.68	1899.50	1902.15	1903.78	0.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	-0.45	-0.33	-0.10	-0.30		ppb
Selenium	77-2	3.48	0.90	2.22	2.20	58.71	ppb
Selenium	78-2	1.06	1.11	0.90	1.02	10.70	ppb
Silicon	28-1	489.39	495.84	496.95	494.06	0.83	ppb
Silver	107-1	0.13	0.14	0.15	0.14	6.76	ppb
Silver	109-1	0.15	0.16	0.15	0.15	3.07	ppb
Sodium	23-2	70.10	67.62	69.26	68.99	1.82	ppb
Strontium	86-1	20.73	21.86	21.78	21.46	2.95	ppb
Strontium	88-1	21.20	21.25	21.14	21.20	0.26	ppb
Sulfur	34-1	-345.52	-513.62	-490.94	-450.03		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.08	0.07	0.08	5.30	ppb
Thallium	205-1	0.08	0.07	0.08	0.07	6.80	ppb
Tin	118-1	0.47	0.45	0.54	0.49	10.05	ppb
Titanium	47-1	325.94	329.51	327.24	327.56	0.55	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:53:10	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.21	0.21	0.21	2.84	ppb
Vanadium	51-2	53.12	53.08	53.02	53.07	0.09	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	104.97	105.12	105.60	105.23	0.31	ppb
Zirconium	90-1	2.41	2.53	2.52	2.48	2.62	ppb
Zirconium	91-1	2.45	2.58	2.59	2.54	3.10	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:56:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2416.29	2419.33	2393.89	2409.84	0.58	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	21.67	ppb
Arsenic	75-2	6.23	5.56	6.20	6.00	6.36	ppb
Barium	135-1	18.08	18.62	18.27	18.32	1.47	ppb
Barium	137-1	18.21	18.27	18.37	18.28	0.45	ppb
Beryllium	9-1	0.08	0.09	0.09	0.09	5.52	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	0.07	0.03	105.02	ppb
Cadmium	106-1	-2.27	-1.11	-2.22	-1.87		ppb
Cadmium	111-1	0.10	0.12	0.11	0.11	11.03	ppb
Calcium	43-1	898.23	882.21	896.40	892.28	0.98	ppb
Calcium	44-1	884.21	887.61	887.18	886.33	0.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.67	2.51	2.56	2.58	3.16	ppb
Cobalt	59-2	2.36	2.34	2.31	2.34	1.11	ppb
Copper	63-2	10.41	10.19	10.28	10.29	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				98		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	5856.46	5741.41	5746.17	5781.35	1.13	ppb
Iron	57-2	6149.76	6031.12	6101.41	6094.10	0.98	ppb
Iron	54-2	6124.54	6098.12	6100.14	6107.60	0.24	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:56:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.33	4.31	4.37	4.34	0.70	ppb
Lead	207-1	4.41	4.49	4.49	4.46	0.99	ppb
Lead	208-1	4.38	4.39	4.39	4.39	0.14	ppb
Lithium	6-1				95		%
Magnesium	24-2	969.23	957.20	955.64	960.69	0.77	ppb
Manganese	55-2	103.38	102.23	101.69	102.43	0.84	ppb
Molybdenum	94-1	0.88	0.93	0.97	0.92	4.83	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.06	10.66	ppb
Molybdenum	96-1	0.16	0.14	0.18	0.16	13.82	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	13.28	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	10.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.68	2.45	2.31	2.48	7.59	ppb
Phosphorus	31-2	87.63	110.37	109.64	102.54	12.60	ppb
Potassium	39-2	375.86	369.34	362.40	369.20	1.82	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	-0.71	-1.03	-0.98	-0.91		ppb
Selenium	77-2	1.81	0.00	1.37	1.06	89.11	ppb
Selenium	78-2	-0.44	-0.11	-0.28	-0.28		ppb
Silicon	28-1	97.89	97.79	99.52	98.40	0.99	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.75	ppb
Silver	109-1	0.02	0.03	0.03	0.03	6.70	ppb
Sodium	23-2	24.01	22.29	21.36	22.55	5.98	ppb
Strontium	86-1	4.06	3.98	3.97	4.00	1.14	ppb
Strontium	88-1	4.12	4.09	4.11	4.11	0.43	ppb
Sulfur	34-1	-525.77	-581.58	-451.20	-519.52		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	1.07	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	44.99	ppb
Tin	118-1	0.09	0.11	0.11	0.10	7.86	ppb
Titanium	47-1	62.19	61.54	62.40	62.04	0.72	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:56:24	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	8.88	ppb
Vanadium	51-2	10.16	10.25	10.11	10.18	0.70	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	20.47	20.68	19.92	20.36	1.94	ppb
Zirconium	90-1	0.47	0.50	0.46	0.48	4.65	ppb
Zirconium	91-1	0.47	0.45	0.58	0.50	14.18	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:59:43	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13022.65	13019.44	13029.13	13023.74	0.04	ppb
Antimony	121-1	17.12	16.88	16.63	16.88	1.44	ppb
Arsenic	75-2	37.66	39.85	39.21	38.91	2.88	ppb
Barium	135-1	406.85	396.47	397.74	400.35	1.41	ppb
Barium	137-1	406.70	408.37	405.29	406.79	0.38	ppb
Beryllium	9-1	8.22	8.51	8.95	8.56	4.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.19	8.18	7.69	8.02	3.54	ppb
Cadmium	106-1	7.06	5.86	4.68	5.87	20.33	ppb
Cadmium	111-1	8.65	8.56	8.09	8.43	3.61	ppb
Calcium	43-1	4817.04	4961.18	4871.26	4883.16	1.49	ppb
Calcium	44-1	4846.11	4864.62	4845.84	4852.19	0.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	46.18	46.68	46.31	46.39	0.56	ppb
Cobalt	59-2	94.82	94.68	95.16	94.89	0.26	ppb
Copper	63-2	94.62	95.11	93.78	94.51	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				97		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	31423.51	31265.42	31264.48	31317.81	0.29	ppb
Iron	57-2	32984.40	33170.89	32899.18	33018.16	0.42	ppb
Iron	54-2	31139.40	31597.85	31526.77	31421.34	0.79	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:59:43	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	26.23	26.97	27.14	26.78	1.80	ppb
Lead	207-1	26.67	27.94	27.99	27.53	2.72	ppb
Lead	208-1	26.79	27.55	27.28	27.21	1.41	ppb
Lithium	6-1				95		%
Magnesium	24-2	5241.04	5239.90	5188.69	5223.21	0.57	ppb
Manganese	55-2	633.41	635.40	631.05	633.28	0.34	ppb
Molybdenum	94-1	5.05	4.84	5.01	4.97	2.29	ppb
Molybdenum	95-1	0.31	0.27	0.29	0.29	7.13	ppb
Molybdenum	96-1	0.96	1.03	1.05	1.01	4.58	ppb
Molybdenum	97-1	0.30	0.28	0.30	0.29	4.00	ppb
Molybdenum	98-1	0.30	0.30	0.26	0.29	8.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	94.81	95.38	94.10	94.76	0.68	ppb
Phosphorus	31-2	621.86	643.32	621.51	628.90	1.99	ppb
Potassium	39-2	1982.13	1997.16	1974.31	1984.53	0.59	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	17.62	17.80	17.03	17.48	2.30	ppb
Selenium	77-2	18.29	22.88	16.91	19.36	16.14	ppb
Selenium	78-2	17.08	16.43	18.70	17.40	6.70	ppb
Silicon	28-1	527.71	531.94	528.08	529.24	0.44	ppb
Silver	107-1	8.55	8.49	8.38	8.47	1.00	ppb
Silver	109-1	8.47	8.41	8.27	8.39	1.22	ppb
Sodium	23-2	65.00	65.81	65.74	65.52	0.68	ppb
Strontium	86-1	21.47	22.21	22.80	22.16	3.00	ppb
Strontium	88-1	21.92	22.56	22.22	22.24	1.45	ppb
Sulfur	34-1	-415.85	-437.46	-511.05	-454.79		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	7.14	7.52	7.63	7.43	3.46	ppb
Thallium	205-1	7.39	7.59	7.41	7.46	1.47	ppb
Tin	118-1	0.50	0.46	0.47	0.47	4.19	ppb
Titanium	47-1	340.38	344.94	347.09	344.14	1.00	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:59:43	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.23	0.22	3.76	ppb
Vanadium	51-2	134.59	135.77	134.81	135.06	0.46	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	189.85	191.47	189.59	190.30	0.53	ppb
Zirconium	90-1	2.60	2.64	2.68	2.64	1.50	ppb
Zirconium	91-1	2.51	2.58	2.69	2.60	3.38	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 17:02:57	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13567.77	13630.25	13623.84	13607.29	0.25	ppb
Antimony	121-1	80.87	85.23	79.03	81.71	3.90	ppb
Arsenic	75-2	63.02	60.12	62.11	61.75	2.40	ppb
Barium	135-1	1668.10	1769.90	1653.44	1697.15	3.74	ppb
Barium	137-1	1658.40	1749.42	1616.42	1674.75	4.06	ppb
Beryllium	9-1	39.64	42.77	38.74	40.38	5.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.38	40.10	35.45	36.97	7.32	ppb
Cadmium	106-1	35.65	35.87	34.37	35.30	2.29	ppb
Cadmium	111-1	39.12	41.65	39.04	39.94	3.72	ppb
Calcium	43-1	4753.90	5094.45	4656.30	4834.88	4.76	ppb
Calcium	44-1	4708.39	5002.64	4632.53	4781.19	4.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	168.63	167.94	166.75	167.78	0.57	ppb
Cobalt	59-2	405.02	402.87	399.50	402.46	0.69	ppb
Copper	63-2	239.17	239.92	237.44	238.84	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				96		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	31055.59	30954.87	30653.72	30888.06	0.68	ppb
Iron	57-2	32614.44	32762.52	32320.90	32565.95	0.69	ppb
Iron	54-2	31661.83	30936.32	31122.57	31240.24	1.21	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 17:02:57	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	37.76	40.29	37.17	38.41	4.32	ppb
Lead	207-1	37.84	40.53	37.02	38.46	4.77	ppb
Lead	208-1	37.81	40.44	37.08	38.44	4.60	ppb
Lithium	6-1				92		%
Magnesium	24-2	5036.92	5049.82	5002.98	5029.91	0.48	ppb
Manganese	55-2	912.64	911.78	902.35	908.92	0.63	ppb
Molybdenum	94-1	4.88	5.15	4.71	4.91	4.53	ppb
Molybdenum	95-1	0.29	0.30	0.32	0.30	5.26	ppb
Molybdenum	96-1	1.00	0.97	0.98	0.98	1.60	ppb
Molybdenum	97-1	0.27	0.31	0.30	0.29	7.25	ppb
Molybdenum	98-1	0.28	0.33	0.27	0.29	11.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	410.68	407.09	401.29	406.35	1.17	ppb
Phosphorus	31-2	589.19	634.25	570.48	597.97	5.48	ppb
Potassium	39-2	1917.43	1914.27	1885.75	1905.81	0.92	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	89.71	94.30	88.39	90.80	3.42	ppb
Selenium	77-2	76.05	88.79	89.44	84.76	8.91	ppb
Selenium	78-2	80.10	80.59	83.75	81.48	2.43	ppb
Silicon	28-1	512.71	548.30	511.74	524.25	3.97	ppb
Silver	107-1	32.95	36.65	33.08	34.23	6.15	ppb
Silver	109-1	32.49	34.79	32.90	33.39	3.68	ppb
Sodium	23-2	63.95	65.25	64.68	64.63	1.01	ppb
Strontium	86-1	21.43	22.69	21.04	21.72	3.97	ppb
Strontium	88-1	21.44	22.91	21.50	21.95	3.80	ppb
Sulfur	34-1	-441.23	-271.63	-625.22	-446.03		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	36.35	38.45	35.54	36.78	4.08	ppb
Thallium	205-1	35.68	38.22	35.11	36.34	4.56	ppb
Tin	118-1	0.47	0.52	0.45	0.48	7.25	ppb
Titanium	47-1	333.15	356.46	329.05	339.55	4.35	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 17:02:57	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.22	0.21	0.21	2.74	ppb
Vanadium	51-2	432.35	430.24	425.23	429.28	0.85	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	499.31	492.28	490.60	494.06	0.94	ppb
Zirconium	90-1	2.49	2.73	2.49	2.57	5.32	ppb
Zirconium	91-1	2.48	2.71	2.48	2.56	5.22	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P7
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:06:10	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48446.25	46753.01	48040.99	47746.75	1.85	ppb
Antimony	121-1	488.32	496.14	496.51	493.66	0.94	ppb
Arsenic	75-2	476.43	453.51	462.64	464.19	2.49	ppb
Barium	135-1	2508.56	2489.26	2552.59	2516.80	1.29	ppb
Barium	137-1	2486.79	2486.09	2511.54	2494.81	0.58	ppb
Beryllium	9-1	498.10	502.32	503.93	501.45	0.60	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	475.67	478.61	491.87	482.05	1.79	ppb
Cadmium	106-1	476.61	487.70	489.15	484.49	1.42	ppb
Cadmium	111-1	472.07	470.18	483.35	475.20	1.50	ppb
Calcium	43-1	253470.71	254048.73	251257.56	252925.67	0.58	ppb
Calcium	44-1	249037.25	250685.15	250643.77	250122.06	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.57	474.31	487.28	483.38	1.63	ppb
Cobalt	59-2	479.55	467.40	478.07	475.01	1.40	ppb
Copper	63-2	4695.10	4582.57	4665.13	4647.60	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				86		%
Indium	115-2				87		%
Iron	56-2	128960.25	125030.44	128143.63	127378.10	1.63	ppb
Iron	57-2	128646.88	123951.73	128100.12	126899.58	2.02	ppb
Iron	54-2	129985.22	124159.14	128038.34	127394.23	2.33	ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P7
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:06:10	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2560.65	2561.49	2596.84	2572.99	0.80	ppb
Lead	207-1	2560.82	2554.56	2547.85	2554.41	0.25	ppb
Lead	208-1	2563.87	2567.47	2579.14	2570.16	0.31	ppb
Lithium	6-1				87		%
Magnesium	24-2	239550.06	232760.92	241035.56	237782.18	1.86	ppb
Manganese	55-2	4763.06	4624.39	4756.05	4714.50	1.66	ppb
Molybdenum	94-1	5027.50	5104.99	5155.88	5096.12	1.27	ppb
Molybdenum	95-1	5012.96	5113.67	5139.63	5088.75	1.31	ppb
Molybdenum	96-1	5023.57	5097.85	5150.18	5090.53	1.25	ppb
Molybdenum	97-1	5018.25	5123.06	5166.92	5102.74	1.50	ppb
Molybdenum	98-1	5042.25	5139.88	5193.70	5125.28	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.62	458.32	471.34	467.09	1.63	ppb
Phosphorus	31-2	9357.74	8988.50	9156.15	9167.47	2.02	ppb
Potassium	39-2	123461.34	120041.65	123750.45	122417.81	1.69	ppb
Rhodium	103-1				82		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	472.92	479.46	492.44	481.61	2.06	ppb
Selenium	77-2	467.53	466.74	448.27	460.85	2.37	ppb
Selenium	78-2	474.09	444.91	470.55	463.19	3.44	ppb
Silicon	28-1	692.41	697.17	700.14	696.57	0.56	ppb
Silver	107-1	475.03	484.86	485.13	481.67	1.19	ppb
Silver	109-1	476.11	483.46	486.99	482.19	1.15	ppb
Sodium	23-2	242143.00	236283.30	243041.11	240489.14	1.53	ppb
Strontium	86-1	12300.50	12626.96	12823.66	12583.71	2.10	ppb
Strontium	88-1	12440.73	12675.22	12825.04	12647.00	1.53	ppb
Sulfur	34-1	10095.75	10112.17	10077.07	10095.00	0.17	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	521.95	514.19	530.67	522.27	1.58	ppb
Thallium	205-1	514.52	511.87	525.65	517.35	1.41	ppb
Tin	118-1	496.37	497.65	500.54	498.19	0.43	ppb
Titanium	47-1	5095.97	5092.85	5075.45	5088.09	0.22	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P7
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:06:10	DataFile Name :	098CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.64	509.72	527.16	515.51	1.96	ppb
Vanadium	51-2	491.45	481.58	493.55	488.86	1.31	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%
Zinc	66-2	4794.82	4657.56	4788.14	4746.84	1.63	ppb
Zirconium	90-1	505.42	505.16	507.50	506.03	0.25	ppb
Zirconium	91-1	500.86	509.77	515.57	508.73	1.46	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P7
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:08:57	DataFile Name :	099CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.06	1.77	1.45	1.43	24.71	ppb
Antimony	121-1	0.41	0.38	0.41	0.40	4.65	ppb
Arsenic	75-2	0.03	-0.01	0.04	0.02	147.29	ppb
Barium	135-1	0.05	0.02	0.04	0.04	38.72	ppb
Barium	137-1	0.07	0.04	0.06	0.06	30.72	ppb
Beryllium	9-1	0.09	0.07	0.11	0.09	22.40	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.02	-0.02	0.00	1947.18	ppb
Cadmium	106-1	-2.39	-1.40	-2.83	-2.21		ppb
Cadmium	111-1	0.02	0.01	0.00	0.01	111.24	ppb
Calcium	43-1	5.44	1.72	3.37	3.51	53.14	ppb
Calcium	44-1	3.21	1.77	2.05	2.35	32.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.06	-0.05	-0.05	-0.06		ppb
Copper	63-2	0.15	0.17	0.20	0.17	14.68	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				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	-5.47	-4.89	-4.48	-4.95		ppb
Iron	57-2	-4.41	-4.11	-2.63	-3.72		ppb
Iron	54-2	-5.77	-6.03	-5.74	-5.85		ppb
Krypton	83-1						cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P7
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:08:57	DataFile Name :	099CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.17	0.15	0.14	0.15	11.59	ppb
Lead	207-1	0.16	0.16	0.15	0.16	3.07	ppb
Lead	208-1	0.17	0.16	0.15	0.16	6.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	4.70	5.31	4.72	4.91	7.07	ppb
Manganese	55-2	-0.31	-0.27	-0.27	-0.28		ppb
Molybdenum	94-1	0.47	0.43	0.44	0.45	3.95	ppb
Molybdenum	95-1	0.27	0.19	0.22	0.23	17.80	ppb
Molybdenum	96-1	0.27	0.23	0.24	0.25	8.58	ppb
Molybdenum	97-1	0.25	0.22	0.27	0.25	10.26	ppb
Molybdenum	98-1	0.24	0.23	0.24	0.24	3.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.10	-0.15	-0.13		ppb
Phosphorus	31-2	-15.67	-18.91	-12.55	-15.71		ppb
Potassium	39-2	11.49	8.50	9.88	9.96	15.04	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	-2.30	-1.51	-1.41	-1.74		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.35	0.27	0.41	0.34	20.56	ppb
Silicon	28-1	0.19	0.14	-0.12	0.07	236.58	ppb
Silver	107-1	0.06	0.04	0.04	0.05	15.76	ppb
Silver	109-1	0.06	0.05	0.04	0.05	20.37	ppb
Sodium	23-2	26.31	23.51	25.72	25.18	5.85	ppb
Strontium	86-1	0.24	0.17	0.23	0.21	18.08	ppb
Strontium	88-1	0.27	0.22	0.23	0.24	11.73	ppb
Sulfur	34-1	-8.04	33.31	-88.67	-21.13		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.07	0.06	0.07	12.34	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	10.19	ppb
Tin	118-1	0.15	0.17	0.16	0.16	6.50	ppb
Titanium	47-1	-1.34	-1.32	-1.24	-1.30		ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P7
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:08:57	DataFile Name :	099CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	26.51	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	34.64	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	-0.03	0.04	0.55	0.19	171.73	ppb
Zirconium	90-1	0.14	0.13	0.13	0.13	5.54	ppb
Zirconium	91-1	0.13	0.13	0.09	0.12	16.72	ppb

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:21:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	90	60	71	23.12	cps
Antimony	121-1	87	93	93	91	4.22	cps
Arsenic	75-2	7	0	3	3	100.05	cps
Barium	135-1	97	70	100	89	18.50	cps
Barium	137-1	117	130	123	123	5.40	cps
Beryllium	9-1	30	40	20	30	33.33	cps
Bismuth	209-1	8580933	8659790	8610902	8617208	0.46	cps
Bismuth	209-2	6987754	6844088	6904235	6912026	1.04	cps
Bromine	81-1	7168	7342	7445	7319	1.91	cps
Bromine	81-2	40	50	53	48	14.52	cps
Cadmium	108-1	10	17	10	12	31.50	cps
Cadmium	106-1	3247	3064	2980	3097	4.41	cps
Cadmium	111-1	343	326	320	329	3.70	cps
Calcium	43-1	143	127	110	127	13.16	cps
Calcium	44-1	2670	2860	2974	2835	5.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340	393	443	392	13.17	cps
Cobalt	59-2	320	313	310	314	1.62	cps
Copper	63-2	523	490	543	519	5.19	cps
Dysprosium	156-1	227	253	213	231	8.81	cps
Dysprosium	156-2	43	50	33	42	19.87	cps
Erbium	164-1	93	130	90	104	21.25	cps
Erbium	164-2	60	47	60	56	13.85	cps
Gadolinium	160-1	37	47	50	44	15.61	cps
Gadolinium	160-2	387	473	490	450	12.33	cps
Holmium	165-1	13807617	13804147	13739714	13783826	0.28	cps
Holmium	165-2	9329775	9281298	9238368	9283147	0.49	cps
Indium	115-1	10479400	10491586	10473599	10481528	0.09	cps
Indium	115-2	3229949	3259626	3254354	3247976	0.49	cps
Iron	56-2	25178	25448	24310	24979	2.38	cps
Iron	57-2	850	1040	843	911	12.26	cps
Iron	54-2	1993	2060	1970	2008	2.33	cps
Krypton	83-1	157	150	200	169	16.07	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:21:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	390	360	303	351	12.54	cps
Lead	207-1	347	287	307	313	9.75	cps
Lead	208-1	1473	1410	1367	1417	3.79	cps
Lithium	6-1	2051217	2078355	2049385	2059652	0.79	cps
Magnesium	24-2	800	840	987	876	11.23	cps
Manganese	55-2	1123	1023	1047	1064	4.92	cps
Molybdenum	94-1	213	167	207	196	12.91	cps
Molybdenum	95-1	43	47	70	53	27.24	cps
Molybdenum	96-1	247	180	240	222	16.52	cps
Molybdenum	97-1	40	60	30	43	35.25	cps
Molybdenum	98-1	97	87	70	84	15.95	cps
Neodymium	150-1	23	17	20	20	16.65	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	163	197	153	171	13.26	cps
Phosphorus	31-2	57	43	113	71	52.27	cps
Potassium	39-2	25074	24994	25849	25306	1.87	cps
Rhodium	103-1	9323325	9275831	9314640	9304599	0.27	cps
Rhodium	103-2	5081699	5020396	4992868	5031654	0.90	cps
Scandium	45-1	5203006	5239722	5219640	5220789	0.35	cps
Scandium	45-2	408867	407793	404904	407188	0.50	cps
Selenium	82-1	594	583	630	602	4.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	133	130	121	15.16	cps
Silicon	28-1	118157	117949	120085	118731	0.99	cps
Silver	107-1	63	67	57	62	8.18	cps
Silver	109-1	30	17	7	18	65.83	cps
Sodium	23-2	5164	5241	5108	5171	1.29	cps
Strontium	86-1	163	153	237	184	24.67	cps
Strontium	88-1	150	157	143	150	4.44	cps
Sulfur	34-1	112440	112981	111691	112370	0.58	cps
Terbium	159-1	14191712	14189910	14217212	14199611	0.11	cps
Terbium	159-2	9143535	9170668	9162425	9158876	0.15	cps
Thallium	203-1	50	30	50	43	26.65	cps
Thallium	205-1	150	163	107	140	21.16	cps
Tin	118-1	400	357	423	393	8.60	cps
Titanium	47-1	1057	1090	1290	1146	11.02	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:21:39	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	13	23	26	52.73	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	10864403	10772410	10679065	10771959	0.86	cps
Yttrium	89-2	2478328	2446767	2451348	2458814	0.69	cps
Zinc	66-2	263	247	243	251	4.27	cps
Zirconium	90-1	587	533	570	563	4.84	cps
Zirconium	91-1	147	107	73	109	33.72	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:24:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2334	2377	2250	2320	2.78	cps
Antimony	121-1	13293	13753	13136	13394	2.40	cps
Arsenic	75-2	330	320	360	337	6.18	cps
Barium	135-1	17241	17621	17638	17500	1.28	cps
Barium	137-1	30115	30443	30977	30512	1.43	cps
Beryllium	9-1	1233	1250	1117	1200	6.05	cps
Bismuth	209-1	8593067	8618582	8559643	8590430	0.34	cps
Bismuth	209-2	7050752	7044695	6958534	7017994	0.74	cps
Bromine	81-1	7432	7235	7372	7346	1.37	cps
Bromine	81-2	67	37	40	48	34.42	cps
Cadmium	108-1	110	170	107	129	27.65	cps
Cadmium	106-1	3190	3397	3337	3308	3.21	cps
Cadmium	111-1	2105	2332	2259	2232	5.19	cps
Calcium	43-1	8549	9176	8913	8879	3.55	cps
Calcium	44-1	143545	143535	144066	143715	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4684	4851	4631	4722	2.43	cps
Cobalt	59-2	3921	3927	3897	3915	0.40	cps
Copper	63-2	5238	4954	5058	5083	2.82	cps
Dysprosium	156-1	227	223	283	244	13.79	cps
Dysprosium	156-2	23	63	47	44	45.21	cps
Erbium	164-1	80	127	77	94	29.60	cps
Erbium	164-2	73	67	40	60	29.40	cps
Gadolinium	160-1	60	57	57	58	3.33	cps
Gadolinium	160-2	467	380	443	430	10.43	cps
Holmium	165-1	13693162	13674862	13715237	13694420	0.15	cps
Holmium	165-2	9418590	9393465	9266105	9359386	0.87	cps
Indium	115-1	10402326	10417443	10340833	10386867	0.39	cps
Indium	115-2	3316053	3251695	3241214	3269654	1.24	cps
Iron	56-2	122503	120353	119936	120931	1.14	cps
Iron	57-2	3357	3360	3334	3350	0.43	cps
Iron	54-2	7489	7255	7439	7394	1.66	cps
Krypton	83-1	120	123	143	129	9.79	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:24:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5394	5384	5591	5457	2.14	cps
Lead	207-1	4848	4664	4864	4792	2.32	cps
Lead	208-1	21377	21637	21814	21609	1.02	cps
Lithium	6-1	2067748	2086701	2056649	2070366	0.73	cps
Magnesium	24-2	106095	107015	105629	106247	0.66	cps
Manganese	55-2	2550	2597	2597	2581	1.04	cps
Molybdenum	94-1	13149	13199	13680	13343	2.20	cps
Molybdenum	95-1	16339	15939	16109	16129	1.25	cps
Molybdenum	96-1	17718	17921	18185	17941	1.31	cps
Molybdenum	97-1	9913	10124	10440	10159	2.61	cps
Molybdenum	98-1	26554	25749	26437	26247	1.66	cps
Neodymium	150-1	17	20	17	18	10.81	cps
Neodymium	150-2	3	3	13	7	86.65	cps
Nickel	60-2	1170	1130	1030	1110	6.50	cps
Phosphorus	31-2	270	260	257	262	2.65	cps
Potassium	39-2	151435	151027	150360	150941	0.36	cps
Rhodium	103-1	9267392	9314447	9172859	9251566	0.78	cps
Rhodium	103-2	5091261	5005957	5008501	5035240	0.96	cps
Scandium	45-1	5100970	5161300	5091566	5117945	0.74	cps
Scandium	45-2	406662	403796	397986	402815	1.10	cps
Selenium	82-1	1019	1033	1159	1070	7.23	cps
Selenium	77-2	20	13	40	24	56.78	cps
Selenium	78-2	203	203	230	212	7.25	cps
Silicon	28-1	128328	130852	131444	130208	1.27	cps
Silver	107-1	7799	8102	8039	7980	2.01	cps
Silver	109-1	7729	7465	7629	7608	1.75	cps
Sodium	23-2	168942	170586	167705	169078	0.85	cps
Strontium	86-1	2340	2204	2310	2285	3.14	cps
Strontium	88-1	18739	19039	18866	18881	0.80	cps
Sulfur	34-1	113037	115738	115620	114798	1.33	cps
Terbium	159-1	14188634	14178776	14127608	14165006	0.23	cps
Terbium	159-2	9260009	9210719	9107615	9192781	0.85	cps
Thallium	203-1	6348	6308	6285	6314	0.51	cps
Thallium	205-1	15195	14665	15482	15114	2.74	cps
Tin	118-1	28612	28164	28261	28346	0.83	cps
Titanium	47-1	4434	4401	4307	4381	1.50	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:24:57	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20048	20202	20099	20116	0.39	cps
Vanadium	51-2	9223	9276	9516	9339	1.67	cps
Yttrium	89-1	10697682	10708034	10624845	10676854	0.42	cps
Yttrium	89-2	2428688	2420097	2412859	2420548	0.33	cps
Zinc	66-2	2150	2124	2164	2146	0.95	cps
Zirconium	90-1	11535	11671	11358	11521	1.36	cps
Zirconium	91-1	2560	2547	2610	2572	1.30	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:28:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116608	117381	117340	117110	0.37	cps
Antimony	121-1	305942	318457	320943	315114	2.55	cps
Arsenic	75-2	13156	13436	13653	13415	1.86	cps
Barium	135-1	415214	420796	422158	419389	0.88	cps
Barium	137-1	716547	727059	730245	724617	0.99	cps
Beryllium	9-1	52669	53177	54365	53403	1.63	cps
Bismuth	209-1	8636876	8879689	8855610	8790725	1.52	cps
Bismuth	209-2	7050127	7162242	7217934	7143434	1.20	cps
Bromine	81-1	7689	7642	7579	7636	0.72	cps
Bromine	81-2	60	80	37	59	36.83	cps
Cadmium	108-1	6051	5965	6221	6079	2.15	cps
Cadmium	106-1	11421	11685	11678	11595	1.30	cps
Cadmium	111-1	86135	89316	90324	88591	2.47	cps
Calcium	43-1	86763	89947	91453	89388	2.68	cps
Calcium	44-1	1272823	1312611	1323654	1303029	2.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104962	103169	103304	103812	0.96	cps
Cobalt	59-2	159797	159844	159066	159569	0.27	cps
Copper	63-2	1144620	1146942	1152825	1148129	0.37	cps
Dysprosium	156-1	313	283	233	277	14.61	cps
Dysprosium	156-2	57	60	80	66	19.25	cps
Erbium	164-1	87	87	100	91	8.45	cps
Erbium	164-2	63	100	57	73	31.82	cps
Gadolinium	160-1	87	60	67	71	19.52	cps
Gadolinium	160-2	463	433	523	473	9.68	cps
Holmium	165-1	13902207	13824754	13869057	13865339	0.28	cps
Holmium	165-2	9508453	9439692	9576679	9508275	0.72	cps
Indium	115-1	10467023	10309772	10387488	10388095	0.76	cps
Indium	115-2	3280876	3277044	3326407	3294776	0.83	cps
Iron	56-2	4616178	4585403	4625256	4608945	0.45	cps
Iron	57-2	122890	122601	122750	122747	0.12	cps
Iron	54-2	269385	270243	269436	269688	0.18	cps
Krypton	83-1	133	157	163	151	10.42	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:28:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1184552	1197575	1208509	1196879	1.00	cps
Lead	207-1	1049297	1064360	1064479	1059379	0.82	cps
Lead	208-1	4963891	5126903	5053544	5048113	1.62	cps
Lithium	6-1	2079084	2147171	2155721	2127325	1.97	cps
Magnesium	24-2	947581	956042	960464	954696	0.69	cps
Manganese	55-2	810135	813487	814270	812631	0.27	cps
Molybdenum	94-1	1079397	1114301	1125541	1106413	2.17	cps
Molybdenum	95-1	1550490	1558970	1608822	1572761	2.00	cps
Molybdenum	96-1	1686994	1743318	1734332	1721548	1.76	cps
Molybdenum	97-1	991549	1005050	1014264	1003621	1.14	cps
Molybdenum	98-1	2575997	2542931	2609933	2576287	1.30	cps
Neodymium	150-1	57	43	30	43	30.77	cps
Neodymium	150-2	10	10	20	13	43.30	cps
Nickel	60-2	40942	39786	40896	40541	1.61	cps
Phosphorus	31-2	5831	5711	5928	5823	1.86	cps
Potassium	39-2	628074	634851	634347	632424	0.60	cps
Rhodium	103-1	9125804	9202861	9182439	9170368	0.44	cps
Rhodium	103-2	5078330	5009185	5156546	5081354	1.45	cps
Scandium	45-1	5068724	5233430	5266924	5189692	2.04	cps
Scandium	45-2	415645	411234	417287	414722	0.75	cps
Selenium	82-1	5035	5213	5221	5157	2.04	cps
Selenium	77-2	380	370	350	367	4.17	cps
Selenium	78-2	1407	1460	1397	1421	2.40	cps
Silicon	28-1	571033	583390	592683	582369	1.87	cps
Silver	107-1	380574	393494	399393	391154	2.46	cps
Silver	109-1	365155	377401	380996	374517	2.22	cps
Sodium	23-2	1502107	1522062	1518765	1514311	0.71	cps
Strontium	86-1	2435595	2488286	2514371	2479417	1.62	cps
Strontium	88-1	21144803	21796227	21896089	21612373	1.89	cps
Sulfur	34-1	139140	141249	144694	141694	1.98	cps
Terbium	159-1	14252531	14186906	14429580	14289672	0.88	cps
Terbium	159-2	9455984	9266825	9410037	9377615	1.05	cps
Thallium	203-1	295809	296928	304753	299164	1.63	cps
Thallium	205-1	697785	722301	727471	715853	2.22	cps
Tin	118-1	268928	269086	271877	269964	0.61	cps
Titanium	47-1	364932	372340	376218	371163	1.55	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:28:15	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	968541	969737	973366	970548	0.26	cps
Vanadium	51-2	91026	91921	91159	91369	0.53	cps
Yttrium	89-1	10635425	10896240	10932740	10821468	1.50	cps
Yttrium	89-2	2466150	2437540	2500596	2468096	1.28	cps
Zinc	66-2	191915	194495	192254	192888	0.73	cps
Zirconium	90-1	514003	522612	529803	522140	1.51	cps
Zirconium	91-1	114754	117519	118937	117070	1.82	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:31:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309854	311826	311524	311068	0.34	cps
Antimony	121-1	818835	834183	841466	831495	1.39	cps
Arsenic	75-2	35028	35940	35229	35399	1.35	cps
Barium	135-1	1093744	1112839	1115164	1107249	1.06	cps
Barium	137-1	1978472	2005129	1999203	1994268	0.70	cps
Beryllium	9-1	139180	140181	141887	140416	0.97	cps
Bismuth	209-1	8832925	8760333	8997777	8863678	1.37	cps
Bismuth	209-2	7359976	7243221	7247987	7283728	0.91	cps
Bromine	81-1	7405	7932	7719	7685	3.45	cps
Bromine	81-2	73	40	33	49	43.84	cps
Cadmium	108-1	15652	16089	16182	15974	1.77	cps
Cadmium	106-1	25165	25803	26247	25738	2.11	cps
Cadmium	111-1	231605	233530	235534	233556	0.84	cps
Calcium	43-1	234013	241257	241305	238858	1.76	cps
Calcium	44-1	3390454	3453955	3493885	3446098	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	274101	274044	276763	274969	0.56	cps
Cobalt	59-2	422199	422273	424284	422919	0.28	cps
Copper	63-2	3049217	2976472	2993199	3006296	1.27	cps
Dysprosium	156-1	207	240	240	229	8.41	cps
Dysprosium	156-2	127	87	127	113	20.38	cps
Erbium	164-1	103	147	93	114	24.78	cps
Erbium	164-2	97	67	77	80	19.09	cps
Gadolinium	160-1	50	87	50	62	34.02	cps
Gadolinium	160-2	507	490	420	472	9.74	cps
Holmium	165-1	14073469	14232093	14573969	14293177	1.79	cps
Holmium	165-2	9919756	9682860	9624432	9742349	1.61	cps
Indium	115-1	10554770	10570048	10799269	10641362	1.29	cps
Indium	115-2	3450040	3346175	3356812	3384342	1.69	cps
Iron	56-2	12227025	12194716	12155859	12192533	0.29	cps
Iron	57-2	326516	326717	323024	325419	0.64	cps
Iron	54-2	717335	721743	716527	718535	0.39	cps
Krypton	83-1	127	140	153	140	9.52	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:31:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3358617	3447625	3454226	3420156	1.56	cps
Lead	207-1	3066410	3096674	3069096	3077393	0.54	cps
Lead	208-1	13607751	13755349	13849303	13737468	0.89	cps
Lithium	6-1	2123654	2168589	2167410	2153218	1.19	cps
Magnesium	24-2	2438311	2475840	2433912	2449355	0.94	cps
Manganese	55-2	2071736	2070575	2089797	2077369	0.52	cps
Molybdenum	94-1	2803320	2899175	2910667	2871054	2.05	cps
Molybdenum	95-1	4104367	4227243	4214639	4182083	1.62	cps
Molybdenum	96-1	4472237	4599742	4576437	4549472	1.49	cps
Molybdenum	97-1	2560338	2661206	2662945	2628163	2.24	cps
Molybdenum	98-1	6690561	6875295	6863052	6809636	1.52	cps
Neodymium	150-1	100	93	103	99	5.15	cps
Neodymium	150-2	20	20	23	21	9.11	cps
Nickel	60-2	105454	105521	104984	105320	0.28	cps
Phosphorus	31-2	15445	14937	15298	15227	1.71	cps
Potassium	39-2	1524072	1545795	1525840	1531902	0.79	cps
Rhodium	103-1	9314062	9340625	9468510	9374399	0.88	cps
Rhodium	103-2	5202285	5117894	5128930	5149703	0.89	cps
Scandium	45-1	5284750	5319070	5374789	5326203	0.85	cps
Scandium	45-2	433275	429505	423901	428894	1.10	cps
Selenium	82-1	12471	12579	12687	12579	0.86	cps
Selenium	77-2	1090	1090	950	1043	7.75	cps
Selenium	78-2	3627	3724	3507	3619	3.00	cps
Silicon	28-1	1340907	1353914	1348088	1347636	0.48	cps
Silver	107-1	1005698	1025112	1029440	1020084	1.24	cps
Silver	109-1	969836	987559	987855	981750	1.05	cps
Sodium	23-2	4003048	4061937	4075173	4046720	0.95	cps
Strontium	86-1	6430025	6605056	6645332	6560138	1.74	cps
Strontium	88-1	56242829	57306489	57499279	57016199	1.19	cps
Sulfur	34-1	178293	180745	181652	180230	0.96	cps
Terbium	159-1	14604638	14862896	15012117	14826550	1.39	cps
Terbium	159-2	9695072	9620546	9631587	9649068	0.42	cps
Thallium	203-1	783816	798139	793760	791905	0.93	cps
Thallium	205-1	2032476	2051905	2041749	2042043	0.48	cps
Tin	118-1	704715	716178	717230	712708	0.97	cps
Titanium	47-1	973484	995349	999880	989571	1.43	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:31:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2805543	2888437	2871352	2855111	1.53	cps
Vanadium	51-2	242192	243815	242934	242980	0.33	cps
Yttrium	89-1	10873466	11098043	11237279	11069596	1.66	cps
Yttrium	89-2	2593616	2534113	2523452	2550394	1.48	cps
Zinc	66-2	509126	506591	510202	508640	0.36	cps
Zirconium	90-1	1359253	1386797	1395650	1380567	1.37	cps
Zirconium	91-1	303503	312058	313383	309648	1.73	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:34:23	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	615602	611426	607568	611532	0.66	cps
Antimony	121-1	1658343	1671597	1667294	1665745	0.41	cps
Arsenic	75-2	69351	69321	68383	69018	0.80	cps
Barium	135-1	2278123	2288315	2336327	2300921	1.35	cps
Barium	137-1	3913912	3914797	3986230	3938313	1.05	cps
Beryllium	9-1	273154	280331	280743	278076	1.53	cps
Bismuth	209-1	8869700	9037673	8938733	8948702	0.94	cps
Bismuth	209-2	7421642	7146466	7077266	7215125	2.52	cps
Bromine	81-1	7629	7709	7479	7605	1.54	cps
Bromine	81-2	40	43	40	41	4.68	cps
Cadmium	108-1	30809	31948	31404	31387	1.82	cps
Cadmium	106-1	48139	47420	47922	47827	0.77	cps
Cadmium	111-1	454460	464563	463522	460848	1.21	cps
Calcium	43-1	470599	483310	481480	478463	1.44	cps
Calcium	44-1	6839546	6952811	6915204	6902520	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	535296	531568	533950	533605	0.35	cps
Cobalt	59-2	822146	820287	818788	820407	0.21	cps
Copper	63-2	5857130	5761402	5818152	5812228	0.83	cps
Dysprosium	156-1	310	310	300	307	1.88	cps
Dysprosium	156-2	173	160	120	151	18.37	cps
Erbium	164-1	123	143	113	127	12.06	cps
Erbium	164-2	70	67	90	76	16.70	cps
Gadolinium	160-1	103	73	40	72	43.87	cps
Gadolinium	160-2	487	483	457	476	3.46	cps
Holmium	165-1	14305256	14411227	14620616	14445700	1.11	cps
Holmium	165-2	10199219	9701466	9623403	9841363	3.17	cps
Indium	115-1	10613474	10644899	10704521	10654298	0.43	cps
Indium	115-2	3432874	3323382	3272974	3343077	2.45	cps
Iron	56-2	23853953	23701579	23615385	23723639	0.51	cps
Iron	57-2	636512	631634	630817	632987	0.49	cps
Iron	54-2	1395214	1398170	1388820	1394068	0.34	cps
Krypton	83-1	130	143	163	146	11.53	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:34:23	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6692146	6837116	6906175	6811812	1.60	cps
Lead	207-1	6082763	6178993	6119156	6126971	0.79	cps
Lead	208-1	27142092	27586144	27693461	27473899	1.06	cps
Lithium	6-1	2144364	2180470	2221687	2182174	1.77	cps
Magnesium	24-2	4713504	4776135	4773442	4754360	0.74	cps
Manganese	55-2	4078607	4055283	4049000	4060964	0.38	cps
Molybdenum	94-1	5633135	5776378	5742718	5717410	1.31	cps
Molybdenum	95-1	8253201	8461108	8429426	8381245	1.34	cps
Molybdenum	96-1	8959557	9275225	9171862	9135548	1.76	cps
Molybdenum	97-1	5176542	5271255	5287585	5245127	1.14	cps
Molybdenum	98-1	13384227	13782949	13597376	13588184	1.47	cps
Neodymium	150-1	173	140	150	154	11.08	cps
Neodymium	150-2	53	20	30	34	49.66	cps
Nickel	60-2	205911	205765	204636	205437	0.34	cps
Phosphorus	31-2	29609	29448	29518	29525	0.27	cps
Potassium	39-2	2962065	2943331	2978693	2961363	0.60	cps
Rhodium	103-1	9307307	9357590	9421454	9362117	0.61	cps
Rhodium	103-2	5253780	5018800	4973183	5081921	2.96	cps
Scandium	45-1	5358968	5441118	5414841	5404975	0.78	cps
Scandium	45-2	437597	423092	421286	427325	2.09	cps
Selenium	82-1	24162	24279	24329	24256	0.35	cps
Selenium	77-2	1940	2217	1923	2027	8.13	cps
Selenium	78-2	6905	6945	7218	7023	2.43	cps
Silicon	28-1	2502696	2580995	2581128	2554940	1.77	cps
Silver	107-1	2007764	2045838	2028946	2027516	0.94	cps
Silver	109-1	1939632	1962328	1936409	1946123	0.73	cps
Sodium	23-2	7915926	7892458	7913240	7907208	0.16	cps
Strontium	86-1	12928090	13073579	13114259	13038642	0.75	cps
Strontium	88-1	113307705	115010378	113719355	114012479	0.78	cps
Sulfur	34-1	237585	241431	238604	239206	0.83	cps
Terbium	159-1	14591700	14979201	15107429	14892777	1.80	cps
Terbium	159-2	9798214	9642797	9440249	9627087	1.86	cps
Thallium	203-1	1550076	1590037	1593016	1577710	1.52	cps
Thallium	205-1	4076020	4094775	4133960	4101585	0.72	cps
Tin	118-1	1400248	1426608	1440153	1422336	1.43	cps
Titanium	47-1	1912508	1944629	1953271	1936803	1.11	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:34:23	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5650374	5810713	5801359	5754149	1.56	cps
Vanadium	51-2	477531	475388	473411	475443	0.43	cps
Yttrium	89-1	11213396	11142222	11216624	11190747	0.38	cps
Yttrium	89-2	2601392	2492233	2475638	2523088	2.71	cps
Zinc	66-2	985076	985312	988330	986239	0.18	cps
Zirconium	90-1	2680257	2755517	2705119	2713631	1.41	cps
Zirconium	91-1	613417	624167	621971	619852	0.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:37:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1148428	1139449	1137226	1141701	0.52	cps
Antimony	121-1	3215452	3256401	3260172	3244008	0.76	cps
Arsenic	75-2	130316	129078	129582	129659	0.48	cps
Barium	135-1	4402746	4446505	4508063	4452438	1.19	cps
Barium	137-1	7566226	7711433	7609709	7629123	0.98	cps
Beryllium	9-1	525208	529781	530024	528338	0.51	cps
Bismuth	209-1	9029723	9409396	9180506	9206542	2.08	cps
Bismuth	209-2	7260828	7071022	7117017	7149622	1.38	cps
Bromine	81-1	6965	7198	7242	7135	2.09	cps
Bromine	81-2	47	43	27	39	27.55	cps
Cadmium	108-1	58273	60003	60231	59502	1.80	cps
Cadmium	106-1	86663	86509	86002	86391	0.40	cps
Cadmium	111-1	866719	877186	878453	874120	0.74	cps
Calcium	43-1	892116	912913	905672	903567	1.17	cps
Calcium	44-1	12932654	13194952	13214174	13113926	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1008855	1001708	996196	1002253	0.63	cps
Cobalt	59-2	1515171	1512784	1477517	1501824	1.40	cps
Copper	63-2	10759093	10836125	10731319	10775513	0.50	cps
Dysprosium	156-1	250	393	357	333	22.34	cps
Dysprosium	156-2	180	217	243	213	14.91	cps
Erbium	164-1	127	137	153	139	9.70	cps
Erbium	164-2	107	70	100	92	21.18	cps
Gadolinium	160-1	70	97	77	81	17.11	cps
Gadolinium	160-2	523	473	490	496	5.14	cps
Holmium	165-1	14810826	15222892	14853432	14962383	1.51	cps
Holmium	165-2	9876712	9813994	9779014	9823240	0.50	cps
Indium	115-1	10842871	10920488	10652890	10805416	1.27	cps
Indium	115-2	3332493	3240121	3275718	3282777	1.42	cps
Iron	56-2	44920418	44466223	44367421	44584687	0.66	cps
Iron	57-2	1194200	1182762	1179663	1185542	0.65	cps
Iron	54-2	2464917	2466377	2472113	2467802	0.15	cps
Krypton	83-1	133	120	110	121	9.67	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:37:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13207404	13463545	13356489	13342480	0.96	cps
Lead	207-1	11793199	12010299	12087556	11963685	1.28	cps
Lead	208-1	53032680	54119597	54233703	53795327	1.23	cps
Lithium	6-1	2234640	2267254	2240994	2247629	0.77	cps
Magnesium	24-2	9120799	8971149	8870363	8987437	1.40	cps
Manganese	55-2	7699111	7653160	7688385	7680219	0.31	cps
Molybdenum	94-1	10890295	10949290	11026959	10955515	0.63	cps
Molybdenum	95-1	15853162	16127596	16038779	16006512	0.87	cps
Molybdenum	96-1	17440031	17687278	17618741	17582016	0.73	cps
Molybdenum	97-1	9975607	10132473	10055911	10054664	0.78	cps
Molybdenum	98-1	25856336	26223322	26130422	26070027	0.73	cps
Neodymium	150-1	247	263	340	283	17.57	cps
Neodymium	150-2	93	67	47	69	33.98	cps
Nickel	60-2	379079	377010	376431	377507	0.37	cps
Phosphorus	31-2	55691	55537	55871	55700	0.30	cps
Potassium	39-2	5542975	5530949	5459780	5511235	0.82	cps
Rhodium	103-1	9291095	9538708	9302447	9377416	1.49	cps
Rhodium	103-2	5007764	4938970	4947128	4964621	0.76	cps
Scandium	45-1	5362737	5491400	5373780	5409306	1.32	cps
Scandium	45-2	418898	413312	418568	416926	0.75	cps
Selenium	82-1	44722	45227	45416	45122	0.79	cps
Selenium	77-2	3777	3574	3614	3655	2.95	cps
Selenium	78-2	12869	12782	12822	12825	0.34	cps
Silicon	28-1	4613912	4645829	4629710	4629817	0.34	cps
Silver	107-1	3827923	3799788	3806937	3811549	0.38	cps
Silver	109-1	3732942	3691103	3746340	3723461	0.77	cps
Sodium	23-2	15173367	14969960	14807213	14983513	1.22	cps
Strontium	86-1	24778637	24855400	25030413	24888150	0.52	cps
Strontium	88-1	215789310	218546630	217110383	217148775	0.64	cps
Sulfur	34-1	333696	334304	336465	334821	0.43	cps
Terbium	159-1	15139951	15746880	15248876	15378569	2.10	cps
Terbium	159-2	9667414	9563990	9653180	9628195	0.58	cps
Thallium	203-1	3387048	3439939	3424550	3417179	0.80	cps
Thallium	205-1	7995128	7968767	7966232	7976709	0.20	cps
Tin	118-1	2760930	2746797	2799367	2769032	0.98	cps
Titanium	47-1	3616368	3650739	3662626	3643244	0.66	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:37:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11208623	11342092	11389604	11313439	0.83	cps
Vanadium	51-2	897226	891429	888853	892503	0.48	cps
Yttrium	89-1	11352077	11598253	11308420	11419583	1.37	cps
Yttrium	89-2	2517648	2493163	2466215	2492342	1.03	cps
Zinc	66-2	1828541	1831812	1793717	1818023	1.16	cps
Zirconium	90-1	5168900	5171969	5238310	5193060	0.76	cps
Zirconium	91-1	1173775	1191151	1188956	1184627	0.80	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:40:04	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2335705	2265177	2308523	2303135	1.54	cps
Antimony	121-1	6518213	6602243	6582333	6567597	0.67	cps
Arsenic	75-2	268270	264083	265610	265987	0.80	cps
Barium	135-1	8954237	9009383	9105432	9023017	0.85	cps
Barium	137-1	15449601	15675308	15480169	15535026	0.79	cps
Beryllium	9-1	1033887	1050894	1052854	1045879	1.00	cps
Bismuth	209-1	9106353	9081004	9107914	9098423	0.17	cps
Bismuth	209-2	5839056	7423120	6995100	6752426	12.14	cps
Bromine	81-1	6855	7098	7229	7061	2.69	cps
Bromine	81-2	33	40	47	40	16.68	cps
Cadmium	108-1	116920	119464	120236	118873	1.46	cps
Cadmium	106-1	168925	172349	169165	170146	1.12	cps
Cadmium	111-1	1730880	1756605	1759198	1748894	0.90	cps
Calcium	43-1	1729983	1746148	1738377	1738170	0.47	cps
Calcium	44-1	26080369	26732521	26296092	26369661	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2030525	1960627	2005853	1999001	1.77	cps
Cobalt	59-2	3109723	3041908	3038716	3063449	1.31	cps
Copper	63-2	21996371	21708613	21530261	21745082	1.08	cps
Dysprosium	156-1	380	433	400	404	6.66	cps
Dysprosium	156-2	423	433	387	414	5.93	cps
Erbium	164-1	203	183	197	194	5.24	cps
Erbium	164-2	120	117	133	123	7.15	cps
Gadolinium	160-1	137	113	117	122	10.33	cps
Gadolinium	160-2	363	497	467	442	15.82	cps
Holmium	165-1	14790162	14992115	14967677	14916651	0.74	cps
Holmium	165-2	8197109	10429863	9706632	9444535	12.06	cps
Indium	115-1	10553455	10715374	10619411	10629413	0.77	cps
Indium	115-2	2676052	3491036	3191684	3119591	13.21	cps
Iron	56-2	92445475	90430832	91037632	91304646	1.13	cps
Iron	57-2	2323423	2282558	2258667	2288216	1.43	cps
Iron	54-2	5139849	4917770	4931309	4996309	2.49	cps
Krypton	83-1	167	183	180	177	4.99	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:40:04	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26850991	27606275	27261335	27239534	1.39	cps
Lead	207-1	24268340	24615755	24691815	24525303	0.92	cps
Lead	208-1	109217465	110816965	110058537	110030989	0.73	cps
Lithium	6-1	2167935	2223616	2205038	2198863	1.29	cps
Magnesium	24-2	18691782	18389399	18341979	18474387	1.03	cps
Manganese	55-2	15953769	15631306	15676436	15753837	1.11	cps
Molybdenum	94-1	21986109	22284365	22329926	22200133	0.84	cps
Molybdenum	95-1	32210246	32407033	32803963	32473747	0.93	cps
Molybdenum	96-1	35076985	35484977	35523066	35361676	0.70	cps
Molybdenum	97-1	20128481	20421648	20519612	20356580	1.00	cps
Molybdenum	98-1	52198606	53015598	53288013	52834072	1.07	cps
Neodymium	150-1	510	623	627	587	11.32	cps
Neodymium	150-2	83	117	143	114	26.27	cps
Nickel	60-2	771427	761242	758006	763558	0.92	cps
Phosphorus	31-2	114259	113420	114766	114148	0.60	cps
Potassium	39-2	11649193	11383558	11380104	11470951	1.35	cps
Rhodium	103-1	9054553	9121400	9144998	9106984	0.52	cps
Rhodium	103-2	4100144	5222708	4914021	4745624	12.22	cps
Scandium	45-1	5307606	5377886	5349915	5345136	0.66	cps
Scandium	45-2	346162	444288	420599	403683	12.68	cps
Selenium	82-1	89649	91014	91051	90571	0.88	cps
Selenium	77-2	8056	7579	7532	7722	3.75	cps
Selenium	78-2	26557	26140	26143	26280	0.91	cps
Silicon	28-1	8794814	8999793	9094130	8962912	1.71	cps
Silver	107-1	7592574	7585683	7578608	7585621	0.09	cps
Silver	109-1	7276093	7286146	7307103	7289781	0.22	cps
Sodium	23-2	31066917	30732617	30760262	30853265	0.60	cps
Strontium	86-1	50195128	51293121	50686906	50725051	1.08	cps
Strontium	88-1	437012460	447598233	446282953	443631216	1.30	cps
Sulfur	34-1	559787	562508	567303	563199	0.68	cps
Terbium	159-1	15204300	15478557	15314802	15332553	0.90	cps
Terbium	159-2	8155527	10258213	9586503	9333415	11.51	cps
Thallium	203-1	6785570	6923210	6870174	6859651	1.01	cps
Thallium	205-1	16204396	16674229	16308480	16395702	1.51	cps
Tin	118-1	5480922	5633155	5610184	5574754	1.47	cps
Titanium	47-1	7203875	7327817	7430932	7320875	1.55	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:40:04	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23553747	23464397	23375376	23464507	0.38	cps
Vanadium	51-2	1803016	1795273	1761653	1786647	1.23	cps
Yttrium	89-1	11232257	11159534	11300351	11230714	0.63	cps
Yttrium	89-2	2097884	2679250	2496668	2424601	12.26	cps
Zinc	66-2	3719711	3616848	3634379	3656980	1.50	cps
Zirconium	90-1	10564352	10669907	10727762	10654007	0.78	cps
Zirconium	91-1	2368801	2354787	2399995	2374528	0.97	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:42:49	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11481512	11544441	11500987	11508980	0.28	cps
Antimony	121-1	5401	5248	5561	5403	2.90	cps
Arsenic	75-2	160	183	190	178	8.86	cps
Barium	135-1	3330	3520	3184	3345	5.05	cps
Barium	137-1	5971	5878	5685	5845	2.50	cps
Beryllium	9-1	320	227	180	242	29.43	cps
Bismuth	209-1	8116742	8016886	7842690	7992106	1.74	cps
Bismuth	209-2	6240145	6321478	6239791	6267138	0.75	cps
Bromine	81-1	7419	7812	7659	7630	2.60	cps
Bromine	81-2	40	33	70	48	40.88	cps
Cadmium	108-1	70	50	33	51	35.92	cps
Cadmium	106-1	3267	3190	3134	3197	2.09	cps
Cadmium	111-1	719	679	692	697	2.96	cps
Calcium	43-1	7785173	7833005	7839665	7819281	0.38	cps
Calcium	44-1	125620581	128148211	126679725	126816173	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7545	7619	7449	7538	1.13	cps
Cobalt	59-2	8222	8139	8156	8172	0.54	cps
Copper	63-2	4441	4667	4177	4428	5.54	cps
Dysprosium	156-1	513	433	350	432	18.90	cps
Dysprosium	156-2	267	243	213	241	11.09	cps
Erbium	164-1	317	317	307	313	1.84	cps
Erbium	164-2	180	220	197	199	10.10	cps
Gadolinium	160-1	233	237	253	241	4.44	cps
Gadolinium	160-2	610	603	617	610	1.09	cps
Holmium	165-1	14557574	14155574	13668285	14127144	3.15	cps
Holmium	165-2	9434812	9434889	9327621	9399107	0.66	cps
Indium	115-1	10158936	10037366	9741093	9979132	2.15	cps
Indium	115-2	3118174	3136921	3072410	3109169	1.07	cps
Iron	56-2	437927567	440545260	436877980	438450269	0.43	cps
Iron	57-2	10844772	10928849	10826187	10866603	0.50	cps
Iron	54-2	23775530	23677726	23567600	23673619	0.44	cps
Krypton	83-1	187	140	133	153	18.95	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:42:49	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6345	6272	6412	6343	1.10	cps
Lead	207-1	5681	5798	5314	5598	4.51	cps
Lead	208-1	25917	25740	24943	25533	2.03	cps
Lithium	6-1	2173249	2164153	2099194	2145532	1.88	cps
Magnesium	24-2	93841655	93675492	93408635	93641927	0.23	cps
Manganese	55-2	7642	7962	7712	7772	2.17	cps
Molybdenum	94-1	6325	6522	6358	6401	1.64	cps
Molybdenum	95-1	6358	6458	6515	6444	1.23	cps
Molybdenum	96-1	13393	12996	13129	13173	1.53	cps
Molybdenum	97-1	4031	4011	3761	3934	3.83	cps
Molybdenum	98-1	10090	9717	9486	9764	3.12	cps
Neodymium	150-1	167	170	143	160	9.08	cps
Neodymium	150-2	70	93	73	79	16.00	cps
Nickel	60-2	3897	3891	3804	3864	1.35	cps
Phosphorus	31-2	103	143	117	121	16.82	cps
Potassium	39-2	57182047	56983752	56896576	57020792	0.26	cps
Rhodium	103-1	8437987	8381790	8180339	8333372	1.63	cps
Rhodium	103-2	4503959	4494415	4443745	4480706	0.72	cps
Scandium	45-1	5399748	5474387	5287959	5387365	1.74	cps
Scandium	45-2	420414	421170	415608	419064	0.72	cps
Selenium	82-1	730	680	769	726	6.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	147	153	113	138	15.55	cps
Silicon	28-1	192279	199731	196518	196176	1.91	cps
Silver	107-1	970	790	860	873	10.39	cps
Silver	109-1	953	840	777	857	10.45	cps
Sodium	23-2	156256921	155761364	155724548	155914278	0.19	cps
Strontium	86-1	7382	6978	7382	7247	3.21	cps
Strontium	88-1	63188	61582	60925	61898	1.88	cps
Sulfur	34-1	110801	112873	115801	113158	2.22	cps
Terbium	159-1	14894329	14714539	14298104	14635657	2.09	cps
Terbium	159-2	9151628	9289752	9112178	9184519	1.02	cps
Thallium	203-1	973	763	797	844	13.37	cps
Thallium	205-1	2364	2124	1910	2132	10.64	cps
Tin	118-1	7075	7082	7695	7284	4.89	cps
Titanium	47-1	1670	1780	1713	1721	3.22	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:42:49	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	770	727	637	711	9.56	cps
Vanadium	51-2	387	350	383	373	5.43	cps
Yttrium	89-1	11040334	10852942	10650211	10847829	1.80	cps
Yttrium	89-2	2465466	2440279	2415223	2440322	1.03	cps
Zinc	66-2	2220	2167	2257	2215	2.04	cps
Zirconium	90-1	6705	6855	6942	6834	1.75	cps
Zirconium	91-1	1637	1577	1580	1598	2.11	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICV011	Instrumnet Name :	P7
Client Sample ID :	ICV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:48:36	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62379	63142	62988	62837	0.64	cps
Antimony	121-1	1391056	1409714	1401514	1400762	0.67	cps
Arsenic	75-2	59897	58843	59495	59411	0.90	cps
Barium	135-1	182096	183719	186143	183986	1.11	cps
Barium	137-1	317594	318211	318115	317973	0.10	cps
Beryllium	9-1	118383	119131	119902	119139	0.64	cps
Bismuth	209-1	9650399	9604717	9447607	9567575	1.11	cps
Bismuth	209-2	7594299	7585724	7629762	7603262	0.31	cps
Bromine	81-1	7265	7349	7605	7406	2.39	cps
Bromine	81-2	53	70	47	57	21.21	cps
Cadmium	108-1	11818	11521	11888	11743	1.66	cps
Cadmium	106-1	18866	19290	19296	19151	1.29	cps
Cadmium	111-1	186781	186910	187208	186967	0.12	cps
Calcium	43-1	35692	35932	36397	36007	1.00	cps
Calcium	44-1	573238	580452	581548	578413	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	232823	231831	232109	232254	0.22	cps
Cobalt	59-2	357785	358042	358133	357987	0.05	cps
Copper	63-2	241574	240170	240017	240587	0.36	cps
Dysprosium	156-1	140	123	163	142	14.13	cps
Dysprosium	156-2	40	27	27	31	24.74	cps
Erbium	164-1	90	130	117	112	18.15	cps
Erbium	164-2	77	63	80	73	12.03	cps
Gadolinium	160-1	37	63	73	58	32.80	cps
Gadolinium	160-2	433	537	477	482	10.76	cps
Holmium	165-1	15178322	15149328	14930561	15086070	0.90	cps
Holmium	165-2	10055103	10039281	10084022	10059469	0.23	cps
Indium	115-1	11342228	11339670	11262404	11314768	0.40	cps
Indium	115-2	3515288	3506185	3453600	3491691	0.95	cps
Iron	56-2	4027230	3968577	3994798	3996868	0.74	cps
Iron	57-2	105856	105832	106373	106020	0.29	cps
Iron	54-2	239738	240757	239528	240008	0.27	cps
Krypton	83-1	107	117	117	113	5.09	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICV011	Instrumnet Name :	P7
Client Sample ID :	ICV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:48:36	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1083620	1093013	1089269	1088634	0.43	cps
Lead	207-1	922747	927969	936240	928985	0.73	cps
Lead	208-1	4518048	4509823	4508503	4512125	0.11	cps
Lithium	6-1	2274175	2298121	2287246	2286514	0.52	cps
Magnesium	24-2	255311	256127	256903	256114	0.31	cps
Manganese	55-2	179163	180042	179975	179727	0.27	cps
Molybdenum	94-1	1103	1090	1023	1072	4.00	cps
Molybdenum	95-1	317	437	403	386	16.07	cps
Molybdenum	96-1	777	653	710	713	8.65	cps
Molybdenum	97-1	223	253	230	236	6.69	cps
Molybdenum	98-1	660	623	650	644	2.94	cps
Neodymium	150-1	10	20	23	18	39.03	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	90722	90206	90152	90360	0.35	cps
Phosphorus	31-2	90	93	93	92	2.08	cps
Potassium	39-2	554545	553199	553503	553749	0.13	cps
Rhodium	103-1	10099639	10050934	9903275	10017949	1.02	cps
Rhodium	103-2	5467074	5462601	5422195	5450623	0.45	cps
Scandium	45-1	5656653	5682663	5639906	5659741	0.38	cps
Scandium	45-2	452963	447542	452228	450911	0.65	cps
Selenium	82-1	21254	21014	21161	21143	0.57	cps
Selenium	77-2	1943	1730	1780	1818	6.14	cps
Selenium	78-2	6108	6031	5891	6010	1.83	cps
Silicon	28-1	128244	130047	130516	129602	0.93	cps
Silver	107-1	416869	421016	424853	420913	0.95	cps
Silver	109-1	398631	403791	406573	402998	1.00	cps
Sodium	23-2	708797	706766	708291	707951	0.15	cps
Strontium	86-1	953	877	840	890	6.50	cps
Strontium	88-1	6615	6872	6285	6590	4.46	cps
Sulfur	34-1	123564	124431	123373	123790	0.46	cps
Terbium	159-1	15482049	15637899	15520129	15546692	0.52	cps
Terbium	159-2	10079005	10037978	9898089	10005024	0.95	cps
Thallium	203-1	1347117	1345739	1348864	1347240	0.12	cps
Thallium	205-1	3488358	3460425	3520691	3489825	0.86	cps
Tin	118-1	670	807	853	777	12.27	cps
Titanium	47-1	227	383	387	332	27.52	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICV011	Instrumnet Name :	P7
Client Sample ID :	ICV011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:48:36	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	87	93	93	7.14	cps
Vanadium	51-2	199182	199740	199629	199517	0.15	cps
Yttrium	89-1	11753514	11652930	11595547	11667330	0.69	cps
Yttrium	89-2	2660519	2656297	2668491	2661769	0.23	cps
Zinc	66-2	82080	81748	82979	82269	0.77	cps
Zirconium	90-1	2067	2090	2154	2104	2.13	cps
Zirconium	91-1	520	597	567	561	6.89	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICB011	Instrumnet Name :	P7
Client Sample ID :	ICB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:58:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	80	117	93	21.73	cps
Antimony	121-1	410	473	483	456	8.73	cps
Arsenic	75-2	13	10	3	9	57.30	cps
Barium	135-1	120	110	93	108	12.50	cps
Barium	137-1	100	183	113	132	33.86	cps
Beryllium	9-1	73	40	67	60	29.40	cps
Bismuth	209-1	9379719	9316034	9466296	9387350	0.80	cps
Bismuth	209-2	7579002	7517232	7605641	7567292	0.60	cps
Bromine	81-1	7882	7952	8209	8014	2.15	cps
Bromine	81-2	57	57	60	58	3.33	cps
Cadmium	108-1	7	3	3	4	43.40	cps
Cadmium	106-1	2960	2840	2967	2923	2.44	cps
Cadmium	111-1	324	307	324	318	3.10	cps
Calcium	43-1	137	150	170	152	11.02	cps
Calcium	44-1	3307	3220	3234	3254	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	417	387	383	396	4.64	cps
Cobalt	59-2	137	177	207	173	20.26	cps
Copper	63-2	540	580	717	612	15.13	cps
Dysprosium	156-1	127	137	150	138	8.50	cps
Dysprosium	156-2	33	17	20	23	37.78	cps
Erbium	164-1	93	113	80	96	17.56	cps
Erbium	164-2	63	67	67	66	2.94	cps
Gadolinium	160-1	70	83	27	60	49.37	cps
Gadolinium	160-2	537	470	413	473	13.04	cps
Holmium	165-1	14664574	14841060	14763569	14756401	0.60	cps
Holmium	165-2	10152115	10021247	10120318	10097893	0.68	cps
Indium	115-1	11207969	11238444	11452709	11299707	1.18	cps
Indium	115-2	3538036	3522332	3554286	3538218	0.45	cps
Iron	56-2	13346	13386	13553	13428	0.82	cps
Iron	57-2	663	693	763	707	7.26	cps
Iron	54-2	1330	1227	1343	1300	4.91	cps
Krypton	83-1	120	140	157	139	13.22	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICB011	Instrumnet Name :	P7
Client Sample ID :	ICB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:58:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	713	597	647	652	8.97	cps
Lead	207-1	517	527	477	507	5.22	cps
Lead	208-1	2527	2443	2473	2481	1.70	cps
Lithium	6-1	2266515	2278996	2297049	2280853	0.67	cps
Magnesium	24-2	1060	940	1013	1004	6.02	cps
Manganese	55-2	587	720	740	682	12.22	cps
Molybdenum	94-1	370	477	380	409	14.41	cps
Molybdenum	95-1	107	90	143	113	24.08	cps
Molybdenum	96-1	260	287	230	259	10.95	cps
Molybdenum	97-1	60	57	80	66	19.25	cps
Molybdenum	98-1	223	143	153	173	25.15	cps
Neodymium	150-1	17	17	13	16	12.40	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	163	127	167	152	14.58	cps
Phosphorus	31-2	87	100	87	91	8.45	cps
Potassium	39-2	28684	28994	29078	28919	0.72	cps
Rhodium	103-1	9957700	10132290	10066110	10052033	0.88	cps
Rhodium	103-2	5490427	5472777	5548764	5503989	0.72	cps
Scandium	45-1	5730016	5738789	5770418	5746408	0.37	cps
Scandium	45-2	452586	454664	456022	454424	0.38	cps
Selenium	82-1	577	562	631	590	6.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	157	103	123	23.56	cps
Silicon	28-1	124954	128939	126869	126920	1.57	cps
Silver	107-1	110	80	120	103	20.15	cps
Silver	109-1	83	70	77	77	8.69	cps
Sodium	23-2	8706	8999	8986	8897	1.86	cps
Strontium	86-1	227	240	210	226	6.67	cps
Strontium	88-1	397	433	423	418	4.54	cps
Sulfur	34-1	130239	130498	130885	130541	0.25	cps
Terbium	159-1	15156606	15314446	15265870	15245641	0.53	cps
Terbium	159-2	9945313	9893845	9851954	9897037	0.47	cps
Thallium	203-1	163	143	203	170	17.97	cps
Thallium	205-1	483	387	460	443	11.38	cps
Tin	118-1	527	647	613	596	10.40	cps
Titanium	47-1	230	203	227	220	6.60	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICB011	Instrumnet Name :	P7
Client Sample ID :	ICB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 11:58:19	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	33	17	30	40.05	cps
Vanadium	51-2	10	10	7	9	21.63	cps
Yttrium	89-1	11671726	11518732	11675199	11621886	0.77	cps
Yttrium	89-2	2708186	2674865	2678647	2687233	0.68	cps
Zinc	66-2	337	303	373	338	10.37	cps
Zirconium	90-1	883	907	983	924	5.66	cps
Zirconium	91-1	233	220	227	227	2.94	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSA011	Instrumnet Name :	P7
Client Sample ID :	ICSA011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:01:36	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11074022	11075819	11060689	11070177	0.07	cps
Antimony	121-1	7729	7779	8029	7846	2.05	cps
Arsenic	75-2	113	130	130	124	7.73	cps
Barium	135-1	2597	2340	2667	2535	6.79	cps
Barium	137-1	4667	4434	4714	4605	3.26	cps
Beryllium	9-1	357	350	350	352	1.09	cps
Bismuth	209-1	8868617	9065978	9045561	8993385	1.21	cps
Bismuth	209-2	7207321	7237831	7102907	7182686	0.99	cps
Bromine	81-1	8526	8743	9163	8810	3.68	cps
Bromine	81-2	133	147	177	152	14.58	cps
Cadmium	108-1	927	1003	983	971	4.10	cps
Cadmium	106-1	3160	3214	3157	3177	1.00	cps
Cadmium	111-1	2176	2322	2288	2262	3.38	cps
Calcium	43-1	1587740	1608030	1609503	1601758	0.76	cps
Calcium	44-1	25346169	25878598	25963524	25729430	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44429	43212	43650	43763	1.41	cps
Cobalt	59-2	4387	4261	4164	4271	2.62	cps
Copper	63-2	18338	18371	18231	18314	0.40	cps
Dysprosium	156-1	140	180	127	149	18.64	cps
Dysprosium	156-2	37	70	43	50	35.28	cps
Erbium	164-1	103	140	127	123	15.05	cps
Erbium	164-2	90	103	77	90	14.81	cps
Gadolinium	160-1	117	83	80	93	21.73	cps
Gadolinium	160-2	377	447	563	462	20.40	cps
Holmium	165-1	15045320	15171041	15144886	15120416	0.44	cps
Holmium	165-2	10260965	10178403	10226041	10221803	0.41	cps
Indium	115-1	10805418	10864604	10773711	10814578	0.43	cps
Indium	115-2	3440912	3409249	3457182	3435781	0.71	cps
Iron	56-2	192420004	191727044	190502710	191549919	0.51	cps
Iron	57-2	4705514	4746072	4732977	4728188	0.44	cps
Iron	54-2	10283608	10277781	10297527	10286305	0.10	cps
Krypton	83-1	163	127	103	131	23.07	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSA011	Instrumnet Name :	P7
Client Sample ID :	ICSA011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:01:36	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23614	23904	24776	24098	2.51	cps
Lead	207-1	19421	19664	19828	19638	1.04	cps
Lead	208-1	89176	91255	93726	91386	2.49	cps
Lithium	6-1	2181510	2191752	2222384	2198548	0.97	cps
Magnesium	24-2	19166847	19188176	19120261	19158428	0.18	cps
Manganese	55-2	13826	13893	14227	13982	1.53	cps
Molybdenum	94-1	3517430	3550486	3581992	3549969	0.91	cps
Molybdenum	95-1	6157739	6260931	6282287	6233652	1.07	cps
Molybdenum	96-1	6635076	6671642	6750485	6685734	0.88	cps
Molybdenum	97-1	3876613	3933398	3886247	3898753	0.78	cps
Molybdenum	98-1	9962636	10052760	10229343	10081580	1.35	cps
Neodymium	150-1	47	57	47	50	11.55	cps
Neodymium	150-2	27	23	13	21	32.88	cps
Nickel	60-2	4667	4577	4381	4542	3.23	cps
Phosphorus	31-2	598361	594653	595568	596194	0.32	cps
Potassium	39-2	23560662	23573158	23577707	23570509	0.04	cps
Rhodium	103-1	9307307	9353310	9421998	9360872	0.62	cps
Rhodium	103-2	5072768	5167336	5139334	5126479	0.95	cps
Scandium	45-1	5519526	5634455	5559508	5571163	1.05	cps
Scandium	45-2	438689	441906	443822	441472	0.59	cps
Selenium	82-1	632	602	569	601	5.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	123	103	118	10.72	cps
Silicon	28-1	184090	188057	192363	188170	2.20	cps
Silver	107-1	603	543	563	570	5.36	cps
Silver	109-1	520	497	497	504	2.67	cps
Sodium	23-2	32033752	32265620	32017745	32105706	0.43	cps
Strontium	86-1	72343	72457	73144	72648	0.60	cps
Strontium	88-1	622974	629408	639383	630588	1.31	cps
Sulfur	34-1	2399676	2429292	2445678	2424882	0.96	cps
Terbium	159-1	15657239	15639983	15612211	15636478	0.15	cps
Terbium	159-2	9898014	9971657	9962813	9944161	0.40	cps
Thallium	203-1	817	1187	1477	1160	28.52	cps
Thallium	205-1	1947	2880	3707	2845	30.96	cps
Tin	118-1	1497	1593	1710	1600	6.68	cps
Titanium	47-1	1467302	1465410	1486983	1473232	0.81	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSA011	Instrumnet Name :	P7
Client Sample ID :	ICSA011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:01:36	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	367	383	353	368	4.09	cps
Vanadium	51-2	373	420	377	390	6.68	cps
Yttrium	89-1	11600128	11590966	11568844	11586646	0.14	cps
Yttrium	89-2	2641739	2651944	2658661	2650781	0.32	cps
Zinc	66-2	4807	4751	4717	4759	0.96	cps
Zirconium	90-1	1367	1423	1343	1378	2.99	cps
Zirconium	91-1	277	253	347	292	16.62	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSAB011	Instrumnet Name :	P7
Client Sample ID :	ICSAB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:04:41	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11115543	11137903	11178907	11144118	0.29	cps
Antimony	121-1	146732	147497	148544	147591	0.62	cps
Arsenic	75-2	5855	5958	6138	5983	2.40	cps
Barium	135-1	39040	39672	40193	39635	1.46	cps
Barium	137-1	67975	68303	67740	68006	0.42	cps
Beryllium	9-1	22887	23211	23237	23112	0.84	cps
Bismuth	209-1	9139985	9206896	9299030	9215304	0.87	cps
Bismuth	209-2	7169879	7119223	7241161	7176754	0.85	cps
Bromine	81-1	9063	9010	9413	9162	2.39	cps
Bromine	81-2	173	197	140	170	16.75	cps
Cadmium	108-1	3170	3250	3297	3239	1.98	cps
Cadmium	106-1	6025	6098	5831	5985	2.30	cps
Cadmium	111-1	37308	37936	37438	37561	0.88	cps
Calcium	43-1	1608001	1643868	1645786	1632552	1.30	cps
Calcium	44-1	26107279	26434560	26495739	26345859	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88417	87535	88377	88110	0.56	cps
Cobalt	59-2	70531	70464	71395	70797	0.73	cps
Copper	63-2	62245	63089	63447	62927	0.98	cps
Dysprosium	156-1	110	143	130	128	13.13	cps
Dysprosium	156-2	37	37	27	33	17.32	cps
Erbium	164-1	133	143	110	129	13.27	cps
Erbium	164-2	120	57	83	87	36.69	cps
Gadolinium	160-1	67	87	63	72	17.48	cps
Gadolinium	160-2	507	480	520	502	4.06	cps
Holmium	165-1	15618964	15491699	15658481	15589715	0.56	cps
Holmium	165-2	10274118	10262528	10124550	10220399	0.81	cps
Indium	115-1	11115465	11229275	11277176	11207305	0.74	cps
Indium	115-2	3447629	3400712	3435405	3427915	0.71	cps
Iron	56-2	191431870	192338157	193605337	192458455	0.57	cps
Iron	57-2	4743159	4728423	4797181	4756254	0.76	cps
Iron	54-2	10433562	10455560	10463577	10450900	0.15	cps
Krypton	83-1	127	113	123	121	5.73	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSAB011	Instrumnet Name :	P7
Client Sample ID :	ICSAB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:04:41	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	130843	132488	132180	131837	0.66	cps
Lead	207-1	110478	111882	111651	111337	0.68	cps
Lead	208-1	508759	514502	514182	512481	0.63	cps
Lithium	6-1	2220326	2257804	2262218	2246783	1.02	cps
Magnesium	24-2	19272161	19435748	19308806	19338905	0.44	cps
Manganese	55-2	49167	48742	48508	48805	0.68	cps
Molybdenum	94-1	3567920	3631845	3612517	3604094	0.91	cps
Molybdenum	95-1	6319902	6362155	6405048	6362369	0.67	cps
Molybdenum	96-1	6766044	6834170	6835943	6812052	0.59	cps
Molybdenum	97-1	4026881	4015852	4011536	4018090	0.20	cps
Molybdenum	98-1	10458614	10385992	10520932	10455179	0.65	cps
Neodymium	150-1	50	33	30	38	28.37	cps
Neodymium	150-2	17	17	23	19	20.36	cps
Nickel	60-2	21098	20961	20711	20924	0.94	cps
Phosphorus	31-2	601375	607290	600696	603120	0.60	cps
Potassium	39-2	23849821	24145918	23822029	23939256	0.75	cps
Rhodium	103-1	9593079	9580394	9515197	9562890	0.44	cps
Rhodium	103-2	5192022	5217357	5123526	5177635	0.94	cps
Scandium	45-1	5613560	5704483	5649590	5655877	0.81	cps
Scandium	45-2	446227	447074	447494	446932	0.14	cps
Selenium	82-1	2534	2586	2652	2591	2.28	cps
Selenium	77-2	193	190	193	192	1.00	cps
Selenium	78-2	737	680	653	690	6.17	cps
Silicon	28-1	193588	194409	199503	195833	1.64	cps
Silver	107-1	154333	155721	156685	155580	0.76	cps
Silver	109-1	148367	150061	150250	149559	0.69	cps
Sodium	23-2	32294864	32250150	32474459	32339824	0.37	cps
Strontium	86-1	72634	74162	73666	73488	1.06	cps
Strontium	88-1	643999	652573	652961	649845	0.78	cps
Sulfur	34-1	2446094	2492458	2499778	2479443	1.17	cps
Terbium	159-1	16049847	16058822	16109502	16072724	0.20	cps
Terbium	159-2	10050652	10047084	9985853	10027863	0.36	cps
Thallium	203-1	132625	133820	136021	134155	1.28	cps
Thallium	205-1	316443	320915	321913	319757	0.91	cps
Tin	118-1	1363	1563	1473	1467	6.83	cps
Titanium	47-1	1479344	1504322	1523438	1502368	1.47	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	ICSAB011	Instrumnet Name :	P7
Client Sample ID :	ICSAB011	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:04:41	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	360	310	327	332	7.66	cps
Vanadium	51-2	38890	39568	39291	39250	0.87	cps
Yttrium	89-1	11758535	11978497	11793209	11843414	1.00	cps
Yttrium	89-2	2664334	2634729	2641022	2646695	0.59	cps
Zinc	66-2	12532	12425	12729	12562	1.23	cps
Zirconium	90-1	1060	1113	1180	1118	5.38	cps
Zirconium	91-1	217	250	270	246	10.97	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:07:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5827169	5742043	5795971	5788394	0.74	cps
Antimony	121-1	3379633	3364586	3406811	3383677	0.63	cps
Arsenic	75-2	137119	136867	135579	136522	0.61	cps
Barium	135-1	4719582	4661875	4774544	4718667	1.19	cps
Barium	137-1	8152067	8028786	8079565	8086806	0.77	cps
Beryllium	9-1	541516	552256	549346	547706	1.01	cps
Bismuth	209-1	8926350	8817690	8884351	8876131	0.62	cps
Bismuth	209-2	6836409	6822798	6827377	6828861	0.10	cps
Bromine	81-1	7976	8352	7876	8068	3.12	cps
Bromine	81-2	30	43	33	36	19.51	cps
Cadmium	108-1	60402	59866	59906	60058	0.50	cps
Cadmium	106-1	88923	89366	89245	89178	0.26	cps
Cadmium	111-1	889715	893715	894020	892483	0.27	cps
Calcium	43-1	4204135	4192019	4225073	4207076	0.40	cps
Calcium	44-1	67048109	66952847	67372667	67124541	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1076608	1075113	1081173	1077631	0.29	cps
Cobalt	59-2	1601769	1598630	1603766	1601389	0.16	cps
Copper	63-2	11046485	11051259	11064240	11053994	0.08	cps
Dysprosium	156-1	333	363	377	358	6.20	cps
Dysprosium	156-2	307	283	333	308	8.13	cps
Erbium	164-1	277	273	193	248	19.04	cps
Erbium	164-2	143	167	150	153	7.84	cps
Gadolinium	160-1	140	180	200	173	17.63	cps
Gadolinium	160-2	490	500	570	520	8.38	cps
Holmium	165-1	15402980	15456090	15220223	15359764	0.81	cps
Holmium	165-2	10057982	9866856	10004548	9976462	0.99	cps
Indium	115-1	10867035	10874423	10809622	10850360	0.33	cps
Indium	115-2	3276655	3258680	3284963	3273433	0.41	cps
Iron	56-2	236772583	237027743	236755683	236852003	0.06	cps
Iron	57-2	5849691	5854767	5908497	5870985	0.56	cps
Iron	54-2	12670421	12777718	12911319	12786486	0.94	cps
Krypton	83-1	167	163	173	168	3.03	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:07:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13906810	14064334	13888323	13953156	0.69	cps
Lead	207-1	12525030	12476170	12427414	12476205	0.39	cps
Lead	208-1	56071408	56142159	55943150	56052239	0.18	cps
Lithium	6-1	2228330	2215923	2187670	2210641	0.94	cps
Magnesium	24-2	47916104	47201868	47415364	47511112	0.77	cps
Manganese	55-2	8128474	8155497	8220856	8168276	0.58	cps
Molybdenum	94-1	11786254	11913386	11697076	11798906	0.92	cps
Molybdenum	95-1	17093360	17266996	17044141	17134832	0.68	cps
Molybdenum	96-1	18678234	18839564	18712174	18743324	0.45	cps
Molybdenum	97-1	10700755	10802657	10736796	10746736	0.48	cps
Molybdenum	98-1	27803174	28193070	28009469	28001904	0.70	cps
Neodymium	150-1	350	407	423	393	9.77	cps
Neodymium	150-2	90	107	123	107	15.62	cps
Nickel	60-2	393348	393649	392117	393038	0.21	cps
Phosphorus	31-2	59983	58742	59010	59245	1.10	cps
Potassium	39-2	29889726	29234340	29512529	29545532	1.11	cps
Rhodium	103-1	9181316	9153244	9095679	9143413	0.48	cps
Rhodium	103-2	4943532	4888019	4940426	4923992	0.63	cps
Scandium	45-1	5528229	5497931	5548647	5524935	0.46	cps
Scandium	45-2	435188	432540	435468	434399	0.37	cps
Selenium	82-1	47049	47072	47360	47160	0.37	cps
Selenium	77-2	3981	3961	3891	3944	1.20	cps
Selenium	78-2	13376	12836	12802	13005	2.48	cps
Silicon	28-1	6015225	6011345	6004159	6010243	0.09	cps
Silver	107-1	3911627	3924138	3920748	3918838	0.17	cps
Silver	109-1	3694799	3760976	3734531	3730102	0.89	cps
Sodium	23-2	80856060	80113869	80740847	80570259	0.50	cps
Strontium	86-1	26660842	26515435	26810544	26662274	0.55	cps
Strontium	88-1	231270930	236386476	232286550	233314652	1.16	cps
Sulfur	34-1	352926	357456	355022	355134	0.64	cps
Terbium	159-1	15785392	15828016	15765094	15792834	0.20	cps
Terbium	159-2	9757674	9677459	9811996	9749043	0.69	cps
Thallium	203-1	3569125	3525771	3497160	3530685	1.03	cps
Thallium	205-1	8360710	8436106	8420306	8405707	0.47	cps
Tin	118-1	2918204	2905312	2948607	2924041	0.76	cps
Titanium	47-1	3916772	3947276	3894769	3919605	0.67	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV041	Instrumnet Name :	P7
Client Sample ID :	CCV041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:07:44	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12087561	12182791	12123704	12131352	0.40	cps
Vanadium	51-2	969865	967319	968430	968538	0.13	cps
Yttrium	89-1	11767354	11645219	11668466	11693680	0.55	cps
Yttrium	89-2	2601066	2577672	2584633	2587790	0.46	cps
Zinc	66-2	1826182	1822317	1832189	1826896	0.27	cps
Zirconium	90-1	5603749	5681902	5719347	5668333	1.04	cps
Zirconium	91-1	1263170	1274247	1284638	1274018	0.84	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:10:32	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	333	370	340	8.03	cps
Antimony	121-1	2514	2600	3037	2717	10.33	cps
Arsenic	75-2	13	7	3	8	65.47	cps
Barium	135-1	213	183	210	202	8.13	cps
Barium	137-1	387	350	333	357	7.65	cps
Beryllium	9-1	130	100	147	126	18.84	cps
Bismuth	209-1	9849612	9705801	9753315	9769576	0.75	cps
Bismuth	209-2	7735841	7745165	7761752	7747586	0.17	cps
Bromine	81-1	7936	8016	7899	7950	0.75	cps
Bromine	81-2	63	50	50	54	14.14	cps
Cadmium	108-1	27	13	17	19	36.75	cps
Cadmium	106-1	3377	3330	3407	3372	1.15	cps
Cadmium	111-1	442	418	426	429	2.92	cps
Calcium	43-1	227	233	280	247	11.78	cps
Calcium	44-1	5014	4657	4464	4712	5.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	413	403	417	411	1.69	cps
Cobalt	59-2	210	217	253	227	10.30	cps
Copper	63-2	1187	1090	1080	1119	5.27	cps
Dysprosium	156-1	97	113	113	108	8.93	cps
Dysprosium	156-2	17	20	27	21	24.12	cps
Erbium	164-1	123	90	120	111	16.52	cps
Erbium	164-2	77	100	47	74	35.91	cps
Gadolinium	160-1	50	53	53	52	3.68	cps
Gadolinium	160-2	463	473	440	459	3.73	cps
Holmium	165-1	15269310	15395336	15345448	15336698	0.41	cps
Holmium	165-2	10148531	10223201	10238813	10203515	0.47	cps
Indium	115-1	11507430	11602037	11559419	11556295	0.41	cps
Indium	115-2	3576857	3595094	3586303	3586085	0.25	cps
Iron	56-2	21439	21983	23412	22278	4.57	cps
Iron	57-2	877	940	933	917	3.80	cps
Iron	54-2	1887	1993	2000	1960	3.24	cps
Krypton	83-1	140	130	137	136	3.76	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:10:32	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1550	1237	1167	1318	15.49	cps
Lead	207-1	1257	1023	950	1077	14.87	cps
Lead	208-1	5954	4774	4787	5172	13.10	cps
Lithium	6-1	2297017	2332652	2346848	2325506	1.10	cps
Magnesium	24-2	2077	2157	2497	2244	9.94	cps
Manganese	55-2	847	757	827	810	5.83	cps
Molybdenum	94-1	1543	1580	1497	1540	2.71	cps
Molybdenum	95-1	1120	1010	977	1036	7.24	cps
Molybdenum	96-1	1473	1300	1370	1381	6.31	cps
Molybdenum	97-1	707	627	657	663	6.09	cps
Molybdenum	98-1	1757	1653	1687	1699	3.10	cps
Neodymium	150-1	10	7	17	11	45.82	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	103	177	157	146	26.05	cps
Phosphorus	31-2	93	97	113	101	10.60	cps
Potassium	39-2	32244	31753	31783	31927	0.86	cps
Rhodium	103-1	10245087	10285668	10229384	10253380	0.28	cps
Rhodium	103-2	5648174	5610838	5552870	5603961	0.86	cps
Scandium	45-1	5801151	5863597	5773292	5812680	0.80	cps
Scandium	45-2	458768	455403	457502	457224	0.37	cps
Selenium	82-1	557	540	650	582	10.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	127	127	110	121	7.95	cps
Silicon	28-1	128405	129249	127910	128521	0.53	cps
Silver	107-1	597	433	377	469	24.36	cps
Silver	109-1	443	493	333	423	19.34	cps
Sodium	23-2	18538	18742	18037	18439	1.97	cps
Strontium	86-1	860	753	653	756	13.68	cps
Strontium	88-1	6368	4961	4667	5332	17.05	cps
Sulfur	34-1	121542	122181	123810	122511	0.95	cps
Terbium	159-1	16006322	16192045	15898524	16032297	0.93	cps
Terbium	159-2	10069617	10120972	10170506	10120365	0.50	cps
Thallium	203-1	727	623	473	608	20.96	cps
Thallium	205-1	1693	1520	1283	1499	13.73	cps
Tin	118-1	1113	1210	1503	1276	15.92	cps
Titanium	47-1	490	440	373	434	13.47	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB041	Instrumnet Name :	P7
Client Sample ID :	CCB041	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 12:10:32	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	303	260	233	266	13.30	cps
Vanadium	51-2	23	37	10	23	57.15	cps
Yttrium	89-1	11924146	11872110	11796844	11864367	0.54	cps
Yttrium	89-2	2666828	2677587	2696579	2680331	0.56	cps
Zinc	66-2	273	313	360	316	13.75	cps
Zirconium	90-1	2427	2344	2594	2455	5.19	cps
Zirconium	91-1	507	520	537	521	2.88	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BL	Instrumnet Name :	P7
Client Sample ID :	PBS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:05:30	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	90	83	82	10.20	cps
Antimony	121-1	110	103	93	102	8.21	cps
Arsenic	75-2	20	10	7	12	56.76	cps
Barium	135-1	67	67	33	56	34.65	cps
Barium	137-1	110	97	123	110	12.12	cps
Beryllium	9-1	60	43	37	47	25.75	cps
Bismuth	209-1	9584051	9475745	9410062	9489953	0.93	cps
Bismuth	209-2	7512757	7485348	7563435	7520513	0.53	cps
Bromine	81-1	8432	8369	7972	8258	3.02	cps
Bromine	81-2	33	50	60	48	28.20	cps
Cadmium	108-1	7	13	7	9	43.25	cps
Cadmium	106-1	2970	3027	2880	2959	2.50	cps
Cadmium	111-1	317	327	305	316	3.60	cps
Calcium	43-1	157	133	167	152	11.24	cps
Calcium	44-1	2844	2637	2987	2823	6.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	420	343	373	379	10.20	cps
Cobalt	59-2	157	113	110	127	20.55	cps
Copper	63-2	497	577	567	547	7.97	cps
Dysprosium	156-1	73	70	67	70	4.76	cps
Dysprosium	156-2	23	23	10	19	40.75	cps
Erbium	164-1	70	97	77	81	17.11	cps
Erbium	164-2	47	67	67	60	19.24	cps
Gadolinium	160-1	47	57	43	49	14.20	cps
Gadolinium	160-2	510	473	423	469	9.28	cps
Holmium	165-1	15153083	15286467	14910945	15116832	1.26	cps
Holmium	165-2	10066007	10116829	9984189	10055675	0.67	cps
Indium	115-1	11636688	11732113	11513652	11627484	0.94	cps
Indium	115-2	3627853	3598740	3657911	3628168	0.82	cps
Iron	56-2	9857	9840	9987	9894	0.81	cps
Iron	57-2	647	643	657	649	1.07	cps
Iron	54-2	1280	1023	1270	1191	12.21	cps
Krypton	83-1	117	133	153	134	13.66	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BL	Instrumnet Name :	P7
Client Sample ID :	PBS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:05:30	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	310	360	320	330	8.02	cps
Lead	207-1	313	343	337	331	4.76	cps
Lead	208-1	1470	1517	1460	1482	2.04	cps
Lithium	6-1	2365298	2324584	2309724	2333202	1.23	cps
Magnesium	24-2	663	697	720	693	4.11	cps
Manganese	55-2	557	417	497	490	14.33	cps
Molybdenum	94-1	263	260	300	274	8.09	cps
Molybdenum	95-1	40	73	57	57	29.41	cps
Molybdenum	96-1	127	120	190	146	26.54	cps
Molybdenum	97-1	43	10	27	27	62.49	cps
Molybdenum	98-1	63	47	83	64	28.48	cps
Neodymium	150-1	10	10	7	9	21.63	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	107	80	120	102	19.92	cps
Phosphorus	31-2	117	87	113	106	15.58	cps
Potassium	39-2	30731	30240	31219	30730	1.59	cps
Rhodium	103-1	10510595	10438819	10376148	10441854	0.64	cps
Rhodium	103-2	5590960	5635226	5547536	5591240	0.78	cps
Scandium	45-1	6133858	6096398	5996703	6075653	1.17	cps
Scandium	45-2	471536	471392	468633	470521	0.35	cps
Selenium	82-1	573	648	666	629	7.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	140	167	137	148	11.13	cps
Silicon	28-1	137944	139238	139461	138881	0.59	cps
Silver	107-1	83	80	70	78	8.92	cps
Silver	109-1	40	43	60	48	22.43	cps
Sodium	23-2	7235	6928	6865	7009	2.82	cps
Strontium	86-1	170	177	217	188	13.44	cps
Strontium	88-1	107	87	127	107	18.75	cps
Sulfur	34-1	135464	134304	134983	134917	0.43	cps
Terbium	159-1	15769018	15586694	15252951	15536221	1.68	cps
Terbium	159-2	9925015	10011558	9916716	9951096	0.53	cps
Thallium	203-1	60	67	67	64	5.98	cps
Thallium	205-1	143	167	177	162	10.54	cps
Tin	118-1	817	457	520	598	32.17	cps
Titanium	47-1	207	163	180	183	11.92	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BL	Instrumnet Name :	P7
Client Sample ID :	PBS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:05:30	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	7	7	0.00	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	11931858	12144338	11917984	11998060	1.06	cps
Yttrium	89-2	2748648	2773068	2755234	2758983	0.46	cps
Zinc	66-2	263	270	290	274	5.06	cps
Zirconium	90-1	657	657	647	653	0.88	cps
Zirconium	91-1	113	157	120	130	17.95	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BS	Instrumnet Name :	P7
Client Sample ID :	LCS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:09:23	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6065	6088	5838	5997	2.30	cps
Antimony	121-1	29948	31261	30275	30495	2.24	cps
Arsenic	75-2	797	700	657	718	9.99	cps
Barium	135-1	38967	39067	38565	38866	0.68	cps
Barium	137-1	67559	66990	67395	67315	0.44	cps
Beryllium	9-1	2377	2710	2794	2627	8.39	cps
Bismuth	209-1	9491770	9515933	9508274	9505326	0.13	cps
Bismuth	209-2	7577857	7606786	7405846	7530163	1.44	cps
Bromine	81-1	8216	8392	8292	8300	1.07	cps
Bromine	81-2	33	47	63	48	31.46	cps
Cadmium	108-1	177	187	190	184	3.76	cps
Cadmium	106-1	3681	3567	3634	3627	1.57	cps
Cadmium	111-1	3102	2999	3069	3057	1.72	cps
Calcium	43-1	19673	19322	19422	19473	0.93	cps
Calcium	44-1	317227	319772	317597	318199	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11314	11094	11031	11146	1.34	cps
Cobalt	59-2	8072	8289	8229	8197	1.37	cps
Copper	63-2	12025	12449	12292	12255	1.75	cps
Dysprosium	156-1	67	70	80	72	9.61	cps
Dysprosium	156-2	13	7	30	17	72.11	cps
Erbium	164-1	83	77	90	83	8.00	cps
Erbium	164-2	40	67	70	59	27.92	cps
Gadolinium	160-1	77	47	63	62	24.16	cps
Gadolinium	160-2	500	487	483	490	1.80	cps
Holmium	165-1	15166942	15124736	14859761	15050480	1.11	cps
Holmium	165-2	10180805	10144509	9984856	10103390	1.03	cps
Indium	115-1	11512907	11415989	11472701	11467199	0.42	cps
Indium	115-2	3612875	3588815	3606873	3602854	0.35	cps
Iron	56-2	975242	972226	965651	971040	0.51	cps
Iron	57-2	25028	24851	24790	24890	0.50	cps
Iron	54-2	54404	54562	53946	54304	0.59	cps
Krypton	83-1	140	87	100	109	25.49	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BS	Instrumnet Name :	P7
Client Sample ID :	LCS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:09:23	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11698	11949	11955	11867	1.23	cps
Lead	207-1	10344	10144	10507	10332	1.76	cps
Lead	208-1	46708	47406	47780	47298	1.15	cps
Lithium	6-1	2327509	2340195	2346870	2338191	0.42	cps
Magnesium	24-2	251713	251516	250277	251169	0.31	cps
Manganese	55-2	4517	4471	4431	4473	0.97	cps
Molybdenum	94-1	30188	30672	30485	30448	0.80	cps
Molybdenum	95-1	36622	36973	37852	37149	1.71	cps
Molybdenum	96-1	41101	40804	41612	41172	0.99	cps
Molybdenum	97-1	22855	23232	23683	23256	1.78	cps
Molybdenum	98-1	60571	60685	60458	60571	0.19	cps
Neodymium	150-1	3	13	17	11	62.48	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2194	2217	2097	2169	2.93	cps
Phosphorus	31-2	87	97	87	90	6.41	cps
Potassium	39-2	331832	333310	329352	331498	0.60	cps
Rhodium	103-1	10566599	10498033	10485488	10516707	0.42	cps
Rhodium	103-2	5595574	5601224	5560484	5585761	0.40	cps
Scandium	45-1	5963602	6017752	5972332	5984562	0.49	cps
Scandium	45-2	471957	466976	467337	468757	0.59	cps
Selenium	82-1	1797	1663	1685	1715	4.18	cps
Selenium	77-2	73	107	100	93	18.90	cps
Selenium	78-2	480	463	473	472	1.78	cps
Silicon	28-1	203386	204246	206623	204752	0.82	cps
Silver	107-1	18208	18542	18295	18348	0.94	cps
Silver	109-1	17234	17437	17818	17496	1.69	cps
Sodium	23-2	400633	398313	394095	397680	0.83	cps
Strontium	86-1	5051	4794	5308	5051	5.08	cps
Strontium	88-1	41853	42147	42511	42170	0.78	cps
Sulfur	34-1	136779	137089	135958	136608	0.43	cps
Terbium	159-1	15604363	15617281	15416987	15546210	0.72	cps
Terbium	159-2	10011633	9906163	9822099	9913298	0.96	cps
Thallium	203-1	13997	14067	13814	13959	0.94	cps
Thallium	205-1	33003	33598	33113	33238	0.95	cps
Tin	118-1	977	700	590	756	26.39	cps
Titanium	47-1	8913	9243	9423	9193	2.82	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BS	Instrumnet Name :	P7
Client Sample ID :	LCS641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:09:23	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44494	44752	43728	44325	1.20	cps
Vanadium	51-2	22624	22757	22764	22715	0.35	cps
Yttrium	89-1	11953213	11929934	11886538	11923228	0.28	cps
Yttrium	89-2	2746724	2763727	2726835	2745762	0.67	cps
Zinc	66-2	4954	5038	4951	4981	0.99	cps
Zirconium	90-1	25035	26447	26568	26016	3.28	cps
Zirconium	91-1	5981	5831	6001	5938	1.57	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:12:42	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3040	2854	3107	3000	4.38	cps
Antimony	121-1	16102	16092	15689	15961	1.48	cps
Arsenic	75-2	333	303	330	322	5.10	cps
Barium	135-1	20782	20368	21172	20774	1.94	cps
Barium	137-1	35397	35073	35768	35413	0.98	cps
Beryllium	9-1	1363	1280	1330	1325	3.17	cps
Bismuth	209-1	9553894	9750027	9508961	9604294	1.33	cps
Bismuth	209-2	7551156	7636110	7514818	7567361	0.82	cps
Bromine	81-1	8362	8549	8102	8338	2.69	cps
Bromine	81-2	43	53	40	46	15.23	cps
Cadmium	108-1	53	43	83	60	34.70	cps
Cadmium	106-1	3287	3454	3284	3342	2.91	cps
Cadmium	111-1	872	924	870	889	3.44	cps
Calcium	43-1	10214	10510	10560	10428	1.80	cps
Calcium	44-1	168046	170347	170186	169527	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5654	6001	5895	5850	3.04	cps
Cobalt	59-2	4414	4397	4171	4327	3.14	cps
Copper	63-2	6725	6398	6778	6634	3.10	cps
Dysprosium	156-1	77	87	60	74	18.10	cps
Dysprosium	156-2	13	27	23	21	32.88	cps
Erbium	164-1	103	107	127	112	11.25	cps
Erbium	164-2	50	67	47	54	19.68	cps
Gadolinium	160-1	57	43	43	48	16.12	cps
Gadolinium	160-2	483	430	493	469	7.26	cps
Holmium	165-1	15075306	15308218	15060971	15148165	0.92	cps
Holmium	165-2	10270458	10122605	10058763	10150609	1.07	cps
Indium	115-1	11644595	11653329	11537490	11611804	0.56	cps
Indium	115-2	3634143	3661794	3674235	3656724	0.56	cps
Iron	56-2	512106	513298	508963	511456	0.44	cps
Iron	57-2	13249	13513	13323	13362	1.02	cps
Iron	54-2	29452	28844	28617	28971	1.49	cps
Krypton	83-1	133	123	130	129	3.95	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:12:42	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6378	6342	6475	6398	1.08	cps
Lead	207-1	5504	5625	5578	5569	1.09	cps
Lead	208-1	25413	25476	25493	25461	0.17	cps
Lithium	6-1	2421943	2334216	2393004	2383054	1.88	cps
Magnesium	24-2	133106	131466	130847	131806	0.89	cps
Manganese	55-2	2467	2550	2800	2606	6.66	cps
Molybdenum	94-1	15832	16436	16353	16207	2.02	cps
Molybdenum	95-1	19343	19386	19513	19414	0.46	cps
Molybdenum	96-1	21920	21633	21910	21821	0.75	cps
Molybdenum	97-1	12108	12716	12252	12359	2.57	cps
Molybdenum	98-1	31631	32122	31805	31852	0.78	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1197	1233	1117	1182	5.05	cps
Phosphorus	31-2	93	90	123	102	17.96	cps
Potassium	39-2	190067	189570	188882	189507	0.31	cps
Rhodium	103-1	10686291	10416694	10372657	10491881	1.62	cps
Rhodium	103-2	5693037	5652420	5693651	5679702	0.42	cps
Scandium	45-1	6081782	6078292	6068777	6076283	0.11	cps
Scandium	45-2	473351	471541	471168	472020	0.25	cps
Selenium	82-1	1217	1184	1223	1208	1.74	cps
Selenium	77-2	53	73	67	64	15.80	cps
Selenium	78-2	340	310	280	310	9.68	cps
Silicon	28-1	173300	177328	176321	175649	1.19	cps
Silver	107-1	9653	9820	9773	9749	0.88	cps
Silver	109-1	9026	9350	9290	9222	1.87	cps
Sodium	23-2	212478	212881	211367	212242	0.37	cps
Strontium	86-1	2620	2657	2924	2734	6.06	cps
Strontium	88-1	21943	22307	22858	22369	2.06	cps
Sulfur	34-1	134754	139416	138209	137460	1.76	cps
Terbium	159-1	15767328	15839038	15590749	15732372	0.81	cps
Terbium	159-2	10101406	10052398	9991843	10048549	0.55	cps
Thallium	203-1	7629	7242	7202	7358	3.20	cps
Thallium	205-1	17695	17688	17658	17680	0.11	cps
Tin	118-1	560	633	573	589	6.63	cps
Titanium	47-1	4814	4687	4521	4674	3.15	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163641BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD641	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:12:42	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22950	23467	23130	23182	1.13	cps
Vanadium	51-2	11738	11765	11504	11669	1.23	cps
Yttrium	89-1	12068452	12225408	12249029	12180963	0.81	cps
Yttrium	89-2	2802835	2802493	2744491	2783273	1.21	cps
Zinc	66-2	2697	2727	2797	2740	1.87	cps
Zirconium	90-1	14047	14354	14174	14191	1.09	cps
Zirconium	91-1	2777	3050	3107	2978	5.93	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BL	Instrumnet Name :	P7
Client Sample ID :	PBS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:16:13	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	73	60	79	28.13	cps
Antimony	121-1	63	77	83	74	13.68	cps
Arsenic	75-2	0	3	13	6	124.93	cps
Barium	135-1	80	90	53	74	25.46	cps
Barium	137-1	103	93	90	96	7.27	cps
Beryllium	9-1	30	37	43	37	18.18	cps
Bismuth	209-1	9812275	9614561	9485152	9637330	1.71	cps
Bismuth	209-2	7692469	7562748	7602832	7619349	0.87	cps
Bromine	81-1	8356	8226	8539	8374	1.88	cps
Bromine	81-2	27	33	40	33	20.00	cps
Cadmium	108-1	7	10	10	9	21.63	cps
Cadmium	106-1	3330	3230	3164	3242	2.59	cps
Cadmium	111-1	349	339	333	340	2.42	cps
Calcium	43-1	103	163	143	137	22.36	cps
Calcium	44-1	2757	3010	2984	2917	4.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	423	430	353	402	10.56	cps
Cobalt	59-2	113	93	87	98	14.19	cps
Copper	63-2	530	663	530	574	13.40	cps
Dysprosium	156-1	60	70	70	67	8.66	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-1	87	130	70	96	32.41	cps
Erbium	164-2	80	67	70	72	9.61	cps
Gadolinium	160-1	73	43	57	58	26.01	cps
Gadolinium	160-2	417	433	510	453	10.98	cps
Holmium	165-1	15367084	15245081	15220948	15277704	0.51	cps
Holmium	165-2	10212869	10093897	10189021	10165262	0.62	cps
Indium	115-1	11878707	11623911	11704949	11735856	1.11	cps
Indium	115-2	3669275	3639926	3638084	3649095	0.48	cps
Iron	56-2	9433	9943	9780	9719	2.68	cps
Iron	57-2	667	680	703	683	2.72	cps
Iron	54-2	1153	1267	1173	1198	5.05	cps
Krypton	83-1	140	120	123	128	8.38	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BL	Instrumnet Name :	P7
Client Sample ID :	PBS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:16:13	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437	397	333	389	13.40	cps
Lead	207-1	350	307	353	337	7.73	cps
Lead	208-1	1523	1420	1483	1476	3.53	cps
Lithium	6-1	2421085	2398704	2402690	2407493	0.50	cps
Magnesium	24-2	620	553	630	601	6.93	cps
Manganese	55-2	417	437	443	432	3.21	cps
Molybdenum	94-1	300	237	263	267	11.93	cps
Molybdenum	95-1	43	43	33	40	14.43	cps
Molybdenum	96-1	170	157	163	163	4.08	cps
Molybdenum	97-1	20	33	23	26	27.15	cps
Molybdenum	98-1	57	67	83	69	19.55	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	120	100	137	119	15.44	cps
Phosphorus	31-2	63	80	97	80	20.84	cps
Potassium	39-2	30060	30303	29929	30097	0.63	cps
Rhodium	103-1	10713345	10529316	10451890	10564850	1.27	cps
Rhodium	103-2	5778832	5698072	5624278	5700394	1.36	cps
Scandium	45-1	6150604	6081011	6108731	6113449	0.57	cps
Scandium	45-2	478817	474166	476037	476340	0.49	cps
Selenium	82-1	659	653	636	649	1.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	127	150	173	150	15.56	cps
Silicon	28-1	138659	139111	138872	138881	0.16	cps
Silver	107-1	183	117	140	147	23.07	cps
Silver	109-1	157	93	83	111	35.79	cps
Sodium	23-2	6698	7128	6905	6911	3.11	cps
Strontium	86-1	167	163	210	180	14.46	cps
Strontium	88-1	127	110	180	139	26.33	cps
Sulfur	34-1	137057	136362	137095	136838	0.30	cps
Terbium	159-1	15912399	15623928	15757414	15764581	0.92	cps
Terbium	159-2	10102570	9880157	10038184	10006970	1.14	cps
Thallium	203-1	50	63	50	54	14.14	cps
Thallium	205-1	110	103	123	112	9.08	cps
Tin	118-1	457	533	600	530	13.53	cps
Titanium	47-1	203	183	153	180	13.98	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BL	Instrumnet Name :	P7
Client Sample ID :	PBS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:16:13	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	0	7	7	4	86.60	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	12218593	12040396	12104088	12121026	0.74	cps
Yttrium	89-2	2778203	2757320	2777013	2770845	0.42	cps
Zinc	66-2	283	337	290	303	9.58	cps
Zirconium	90-1	593	680	773	682	13.20	cps
Zirconium	91-1	127	163	180	157	17.41	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BS	Instrumnet Name :	P7
Client Sample ID :	LCS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:19:32	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5955	5728	5511	5731	3.87	cps
Antimony	121-1	30018	30469	30489	30325	0.88	cps
Arsenic	75-2	737	613	600	650	11.59	cps
Barium	135-1	39124	39337	40100	39520	1.30	cps
Barium	137-1	67921	68199	67606	67909	0.44	cps
Beryllium	9-1	2597	2580	2660	2612	1.62	cps
Bismuth	209-1	9527234	9618723	9586153	9577370	0.48	cps
Bismuth	209-2	7585911	7586786	7657609	7610102	0.54	cps
Bromine	81-1	8126	7969	8296	8130	2.01	cps
Bromine	81-2	57	43	53	51	13.58	cps
Cadmium	108-1	170	210	167	182	13.23	cps
Cadmium	106-1	3610	3427	3490	3509	2.65	cps
Cadmium	111-1	2886	2914	2965	2922	1.37	cps
Calcium	43-1	19746	20167	19649	19854	1.39	cps
Calcium	44-1	320333	320484	323635	321484	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11751	11004	11565	11440	3.40	cps
Cobalt	59-2	8306	8226	8152	8228	0.93	cps
Copper	63-2	12365	12055	12382	12267	1.50	cps
Dysprosium	156-1	97	80	97	91	10.56	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	103	87	117	102	14.70	cps
Erbium	164-2	63	43	57	54	18.71	cps
Gadolinium	160-1	37	87	43	56	48.87	cps
Gadolinium	160-2	530	503	543	526	3.88	cps
Holmium	165-1	15127176	15197614	15269920	15198237	0.47	cps
Holmium	165-2	10202079	10122148	10151505	10158577	0.40	cps
Indium	115-1	11791023	11625458	11633354	11683278	0.80	cps
Indium	115-2	3657873	3623215	3624839	3635309	0.54	cps
Iron	56-2	975090	966600	962089	967927	0.68	cps
Iron	57-2	24867	24393	24316	24526	1.22	cps
Iron	54-2	54451	53846	53812	54036	0.67	cps
Krypton	83-1	113	110	87	103	14.06	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BS	Instrumnet Name :	P7
Client Sample ID :	LCS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:19:32	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11902	11612	11578	11697	1.52	cps
Lead	207-1	10231	10257	10698	10395	2.52	cps
Lead	208-1	47152	46535	47820	47169	1.36	cps
Lithium	6-1	2367665	2420057	2329470	2372397	1.92	cps
Magnesium	24-2	251805	254501	251368	252558	0.67	cps
Manganese	55-2	4591	4447	4554	4531	1.64	cps
Molybdenum	94-1	30361	30689	30572	30541	0.54	cps
Molybdenum	95-1	37160	37297	37401	37286	0.32	cps
Molybdenum	96-1	41559	41866	42448	41958	1.08	cps
Molybdenum	97-1	23342	23646	23205	23398	0.96	cps
Molybdenum	98-1	59959	61900	60351	60737	1.69	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	2284	2240	2117	2214	3.91	cps
Phosphorus	31-2	87	93	97	92	5.52	cps
Potassium	39-2	332571	329507	331120	331066	0.46	cps
Rhodium	103-1	10509946	10554896	10332742	10465861	1.12	cps
Rhodium	103-2	5683054	5615330	5643174	5647186	0.60	cps
Scandium	45-1	6057215	6060887	6000024	6039375	0.57	cps
Scandium	45-2	470655	470026	471286	470656	0.13	cps
Selenium	82-1	1746	1740	1773	1753	1.02	cps
Selenium	77-2	77	127	97	100	25.17	cps
Selenium	78-2	487	457	507	483	5.21	cps
Silicon	28-1	206743	208358	208307	207803	0.44	cps
Silver	107-1	18051	18085	18555	18230	1.55	cps
Silver	109-1	17244	17627	17431	17434	1.10	cps
Sodium	23-2	400365	398762	395825	398317	0.58	cps
Strontium	86-1	5204	4948	4931	5028	3.05	cps
Strontium	88-1	42608	42377	43912	42966	1.93	cps
Sulfur	34-1	137149	136167	137011	136775	0.39	cps
Terbium	159-1	15849516	15778444	15642762	15756907	0.67	cps
Terbium	159-2	9991467	9994096	9930179	9971914	0.36	cps
Thallium	203-1	14141	13984	14311	14145	1.16	cps
Thallium	205-1	32191	33464	33414	33023	2.18	cps
Tin	118-1	613	630	690	644	6.26	cps
Titanium	47-1	9220	9236	8873	9109	2.25	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BS	Instrumnet Name :	P7
Client Sample ID :	LCS705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:19:32	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43641	44755	44962	44453	1.60	cps
Vanadium	51-2	22630	22761	22857	22749	0.50	cps
Yttrium	89-1	12024290	12167063	12011362	12067572	0.72	cps
Yttrium	89-2	2759635	2747327	2731889	2746284	0.51	cps
Zinc	66-2	4851	5121	5071	5014	2.87	cps
Zirconium	90-1	27022	26344	26574	26646	1.29	cps
Zirconium	91-1	5821	6021	5961	5935	1.73	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:22:50	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2984	2977	3160	3040	3.42	cps
Antimony	121-1	16059	15719	15712	15830	1.25	cps
Arsenic	75-2	363	303	313	327	9.84	cps
Barium	135-1	19987	20251	20682	20307	1.73	cps
Barium	137-1	34752	35036	34776	34855	0.45	cps
Beryllium	9-1	1383	1360	1437	1393	2.82	cps
Bismuth	209-1	9608380	9537619	9534227	9560075	0.44	cps
Bismuth	209-2	7627098	7537877	7608513	7591163	0.62	cps
Bromine	81-1	8276	8242	8362	8294	0.75	cps
Bromine	81-2	50	40	40	43	13.32	cps
Cadmium	108-1	50	37	53	47	18.89	cps
Cadmium	106-1	3510	3487	3307	3435	3.24	cps
Cadmium	111-1	967	960	886	938	4.77	cps
Calcium	43-1	10117	10190	10257	10188	0.69	cps
Calcium	44-1	164868	167789	168629	167095	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5788	5654	5921	5788	2.30	cps
Cobalt	59-2	4231	4404	4307	4314	2.01	cps
Copper	63-2	6722	6632	6615	6656	0.86	cps
Dysprosium	156-1	77	77	60	71	13.53	cps
Dysprosium	156-2	33	10	23	22	52.68	cps
Erbium	164-1	117	103	90	103	12.90	cps
Erbium	164-2	57	87	83	76	21.76	cps
Gadolinium	160-1	43	57	40	47	18.90	cps
Gadolinium	160-2	483	447	520	483	7.59	cps
Holmium	165-1	15207184	15181925	15269939	15219683	0.30	cps
Holmium	165-2	10362342	10194682	10171654	10242893	1.02	cps
Indium	115-1	11880088	11567532	11611619	11686413	1.45	cps
Indium	115-2	3695465	3661265	3627777	3661502	0.92	cps
Iron	56-2	506490	510233	507509	508077	0.38	cps
Iron	57-2	13149	12816	13600	13188	2.98	cps
Iron	54-2	28791	28019	29085	28632	1.92	cps
Krypton	83-1	127	97	103	109	14.47	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:22:50	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6148	6101	6011	6087	1.14	cps
Lead	207-1	5338	5585	5555	5492	2.45	cps
Lead	208-1	25343	25116	24966	25142	0.76	cps
Lithium	6-1	2420057	2444645	2383994	2416232	1.26	cps
Magnesium	24-2	130518	130380	130924	130607	0.22	cps
Manganese	55-2	2487	2620	2544	2550	2.62	cps
Molybdenum	94-1	15972	16009	16039	16007	0.21	cps
Molybdenum	95-1	19233	18982	19386	19200	1.06	cps
Molybdenum	96-1	20872	20728	21052	20884	0.78	cps
Molybdenum	97-1	12078	11978	12505	12187	2.30	cps
Molybdenum	98-1	31150	31420	32082	31551	1.52	cps
Neodymium	150-1	10	23	13	16	44.60	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1210	1193	1177	1193	1.40	cps
Phosphorus	31-2	107	80	63	83	26.23	cps
Potassium	39-2	186865	185411	186993	186423	0.47	cps
Rhodium	103-1	10547843	10655026	10520333	10574401	0.67	cps
Rhodium	103-2	5691598	5732601	5691001	5705067	0.42	cps
Scandium	45-1	6035171	6093161	6054707	6061013	0.49	cps
Scandium	45-2	477753	474334	475421	475836	0.37	cps
Selenium	82-1	1229	1158	1255	1214	4.12	cps
Selenium	77-2	33	47	57	46	25.70	cps
Selenium	78-2	363	303	293	320	11.83	cps
Silicon	28-1	173088	172477	174233	173266	0.51	cps
Silver	107-1	9130	9870	9750	9583	4.15	cps
Silver	109-1	8806	9180	8976	8987	2.08	cps
Sodium	23-2	209373	209883	210049	209768	0.17	cps
Strontium	86-1	2670	2827	2727	2741	2.89	cps
Strontium	88-1	22023	21950	22007	21993	0.18	cps
Sulfur	34-1	138645	135841	134976	136488	1.41	cps
Terbium	159-1	15778331	15550172	15696933	15675146	0.74	cps
Terbium	159-2	10052811	10062425	10140331	10085189	0.48	cps
Thallium	203-1	7009	7019	7199	7075	1.51	cps
Thallium	205-1	17278	17178	17248	17234	0.30	cps
Tin	118-1	600	517	503	540	9.70	cps
Titanium	47-1	4928	5051	4864	4948	1.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	PB163705BSD	Instrumnet Name :	P7
Client Sample ID :	LCSD705	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:22:50	DataFile Name :	029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22616	22713	22489	22606	0.50	cps
Vanadium	51-2	11728	11628	11364	11573	1.62	cps
Yttrium	89-1	12167780	12042483	12130139	12113467	0.53	cps
Yttrium	89-2	2825218	2791277	2774437	2796978	0.92	cps
Zinc	66-2	2827	2857	2890	2858	1.11	cps
Zirconium	90-1	13903	14010	13957	13957	0.38	cps
Zirconium	91-1	2950	3204	2974	3043	4.60	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:37:37	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6020572	6008248	5889213	5972678	1.21	cps
Antimony	121-1	9513	9587	9290	9463	1.63	cps
Arsenic	75-2	37724	37367	37287	37459	0.62	cps
Barium	135-1	684229	691603	689328	688387	0.55	cps
Barium	137-1	1174548	1186245	1195435	1185409	0.88	cps
Beryllium	9-1	1720	1897	1937	1851	6.23	cps
Bismuth	209-1	9363464	9468253	9451166	9427628	0.60	cps
Bismuth	209-2	7445909	7413546	7543309	7467588	0.90	cps
Bromine	81-1	9513	9410	9083	9335	2.41	cps
Bromine	81-2	243	260	217	240	9.11	cps
Cadmium	108-1	320	330	347	332	4.06	cps
Cadmium	106-1	4221	3861	4024	4035	4.47	cps
Cadmium	111-1	4615	4490	4500	4535	1.54	cps
Calcium	43-1	312698	312699	309719	311705	0.55	cps
Calcium	44-1	4672633	4693611	4646927	4671057	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118397	117019	116707	117374	0.77	cps
Cobalt	59-2	160916	158891	159277	159695	0.67	cps
Copper	63-2	487557	487995	487224	487592	0.08	cps
Dysprosium	156-1	62920	63683	63600	63401	0.66	cps
Dysprosium	156-2	47905	47413	49085	48134	1.79	cps
Erbium	164-1	58093	58030	56708	57610	1.36	cps
Erbium	164-2	37704	37951	37377	37677	0.77	cps
Gadolinium	160-1	61002	62834	62174	62003	1.50	cps
Gadolinium	160-2	42066	41866	42203	42045	0.40	cps
Holmium	165-1	15543589	15631984	15433596	15536389	0.64	cps
Holmium	165-2	10370062	10413850	10270286	10351399	0.71	cps
Indium	115-1	11776088	11795253	11574337	11715226	1.04	cps
Indium	115-2	3571760	3545321	3547345	3554808	0.41	cps
Iron	56-2	217045443	219408737	217079590	217844590	0.62	cps
Iron	57-2	5430383	5321327	5313814	5355175	1.22	cps
Iron	54-2	11776337	11779487	11759649	11771824	0.09	cps
Krypton	83-1	173	207	227	202	13.32	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:37:37	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	486655	497384	498742	494260	1.34	cps
Lead	207-1	448626	451995	457239	452620	0.96	cps
Lead	208-1	1981068	2014422	2027388	2007626	1.19	cps
Lithium	6-1	2379869	2418150	2361194	2386404	1.22	cps
Magnesium	24-2	3908415	3889117	3844626	3880719	0.84	cps
Manganese	55-2	3503126	3489150	3468674	3486983	0.50	cps
Molybdenum	94-1	44598	45196	44557	44784	0.80	cps
Molybdenum	95-1	3831	4027	3781	3879	3.36	cps
Molybdenum	96-1	14511	14691	14334	14512	1.23	cps
Molybdenum	97-1	2284	2467	2564	2438	5.83	cps
Molybdenum	98-1	6051	5835	6448	6111	5.09	cps
Neodymium	150-1	104094	105410	104785	104763	0.63	cps
Neodymium	150-2	56676	56168	55840	56228	0.75	cps
Nickel	60-2	40240	39365	39445	39683	1.22	cps
Phosphorus	31-2	15355	15468	15511	15445	0.52	cps
Potassium	39-2	1739750	1759671	1712310	1737244	1.37	cps
Rhodium	103-1	10468119	10437257	10254438	10386605	1.11	cps
Rhodium	103-2	5576117	5528903	5527026	5544015	0.50	cps
Scandium	45-1	6305025	6299503	6194454	6266327	0.99	cps
Scandium	45-2	479172	481526	482226	480975	0.33	cps
Selenium	82-1	873	938	938	916	4.05	cps
Selenium	77-2	167	143	137	149	10.58	cps
Selenium	78-2	267	223	257	249	9.12	cps
Silicon	28-1	19693550	19663966	19476198	19611238	0.60	cps
Silver	107-1	5038	4904	4974	4972	1.34	cps
Silver	109-1	4818	4444	4657	4640	4.04	cps
Sodium	23-2	80291	82684	82318	81764	1.58	cps
Strontium	86-1	181524	180552	180272	180783	0.36	cps
Strontium	88-1	1567991	1579184	1567442	1571539	0.42	cps
Sulfur	34-1	131725	129449	128045	129740	1.43	cps
Terbium	159-1	16103211	16066577	16134588	16101459	0.21	cps
Terbium	159-2	10043442	10060754	10062275	10055490	0.10	cps
Thallium	203-1	2427	2530	2717	2558	5.75	cps
Thallium	205-1	5218	5968	6585	5924	11.56	cps
Tin	118-1	10167	10307	10150	10208	0.84	cps
Titanium	47-1	1041843	1040688	1036220	1039584	0.29	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:37:37	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19528	19291	20165	19661	2.30	cps
Vanadium	51-2	419817	418648	415950	418138	0.47	cps
Yttrium	89-1	13217857	13141808	12982440	13114035	0.92	cps
Yttrium	89-2	2920389	2915352	2895773	2910505	0.45	cps
Zinc	66-2	163349	164349	162314	163337	0.62	cps
Zirconium	90-1	113215	114532	113067	113605	0.71	cps
Zirconium	91-1	25369	25299	25716	25461	0.88	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:40:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5919091	6017835	5953258	5963395	0.84	cps
Antimony	121-1	8639	8816	9086	8847	2.54	cps
Arsenic	75-2	37270	37454	36745	37156	0.99	cps
Barium	135-1	684261	685509	687947	685906	0.27	cps
Barium	137-1	1183074	1194379	1195525	1190993	0.58	cps
Beryllium	9-1	1787	1807	1880	1825	2.69	cps
Bismuth	209-1	9523738	9541199	9589358	9551431	0.36	cps
Bismuth	209-2	7508533	7487845	7433776	7476718	0.52	cps
Bromine	81-1	9066	8803	8853	8907	1.57	cps
Bromine	81-2	247	227	220	231	6.01	cps
Cadmium	108-1	423	300	293	339	21.60	cps
Cadmium	106-1	3937	3967	3867	3924	1.31	cps
Cadmium	111-1	4702	4621	4627	4650	0.98	cps
Calcium	43-1	306352	309614	311050	309005	0.78	cps
Calcium	44-1	4567298	4573633	4628597	4589843	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115702	116055	114312	115357	0.80	cps
Cobalt	59-2	160474	158931	159641	159682	0.48	cps
Copper	63-2	490767	485891	484650	487103	0.66	cps
Dysprosium	156-1	63526	64447	65271	64414	1.36	cps
Dysprosium	156-2	48808	48370	48711	48629	0.47	cps
Erbium	164-1	58033	58666	58522	58407	0.57	cps
Erbium	164-2	39108	38546	38814	38823	0.72	cps
Gadolinium	160-1	61106	62431	63051	62196	1.60	cps
Gadolinium	160-2	43113	43561	43628	43434	0.64	cps
Holmium	165-1	15683797	15583278	15603160	15623412	0.34	cps
Holmium	165-2	10335768	10185628	10224878	10248758	0.76	cps
Indium	115-1	11573992	11399097	11518560	11497216	0.78	cps
Indium	115-2	3522220	3506907	3502157	3510428	0.30	cps
Iron	56-2	220561030	218145030	217560830	218755630	0.73	cps
Iron	57-2	5401079	5361088	5384013	5382060	0.37	cps
Iron	54-2	11758097	11837691	11629943	11741910	0.89	cps
Krypton	83-1	147	153	187	162	13.21	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:40:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	499839	503174	506597	503203	0.67	cps
Lead	207-1	455923	463611	461762	460432	0.87	cps
Lead	208-1	2027564	2047880	2056705	2044050	0.73	cps
Lithium	6-1	2328227	2389940	2392908	2370358	1.54	cps
Magnesium	24-2	3883470	3874764	3870925	3876386	0.17	cps
Manganese	55-2	3549201	3501424	3507645	3519423	0.74	cps
Molybdenum	94-1	43090	44006	43715	43604	1.07	cps
Molybdenum	95-1	3707	3721	3557	3662	2.48	cps
Molybdenum	96-1	14090	13947	14294	14110	1.24	cps
Molybdenum	97-1	2247	2414	2360	2340	3.64	cps
Molybdenum	98-1	5668	5721	5811	5733	1.26	cps
Neodymium	150-1	104349	106374	106293	105672	1.09	cps
Neodymium	150-2	57396	57614	56954	57321	0.59	cps
Nickel	60-2	38767	38984	38850	38867	0.28	cps
Phosphorus	31-2	15555	15031	15575	15387	2.00	cps
Potassium	39-2	1768255	1761516	1757198	1762323	0.32	cps
Rhodium	103-1	10150467	10169433	10107552	10142484	0.31	cps
Rhodium	103-2	5434301	5445371	5440950	5440207	0.10	cps
Scandium	45-1	6089531	6078853	6052562	6073649	0.31	cps
Scandium	45-2	471456	474870	470625	472317	0.48	cps
Selenium	82-1	823	862	906	864	4.82	cps
Selenium	77-2	147	143	90	127	25.11	cps
Selenium	78-2	273	250	310	278	10.89	cps
Silicon	28-1	18967436	19107395	19031603	19035478	0.37	cps
Silver	107-1	5011	5008	5121	5046	1.28	cps
Silver	109-1	4541	4647	4801	4663	2.80	cps
Sodium	23-2	86675	86196	87667	86846	0.86	cps
Strontium	86-1	177711	180926	180775	179804	1.01	cps
Strontium	88-1	1553400	1591050	1563730	1569393	1.24	cps
Sulfur	34-1	122214	120292	119287	120598	1.23	cps
Terbium	159-1	15948245	16059349	15956206	15987933	0.39	cps
Terbium	159-2	9970399	10139937	10052980	10054439	0.84	cps
Thallium	203-1	2397	2524	2517	2479	2.88	cps
Thallium	205-1	5948	5865	6001	5938	1.16	cps
Tin	118-1	10644	10434	11208	10762	3.72	cps
Titanium	47-1	1024417	1033405	1033537	1030453	0.51	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:40:49	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20162	20249	20596	20336	1.13	cps
Vanadium	51-2	415871	415956	412737	414855	0.44	cps
Yttrium	89-1	12838444	12827897	12724934	12797091	0.49	cps
Yttrium	89-2	2884313	2896262	2852116	2877564	0.79	cps
Zinc	66-2	162328	161502	161947	161925	0.26	cps
Zirconium	90-1	111489	111261	112603	111784	0.64	cps
Zirconium	91-1	24838	25679	25369	25295	1.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 13:43:58	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1173986	1170420	1169680	1171362	0.20	cps
Antimony	121-1	1867	1820	1880	1856	1.70	cps
Arsenic	75-2	7435	7412	7222	7356	1.59	cps
Barium	135-1	132654	130343	132479	131826	0.98	cps
Barium	137-1	226593	231680	229281	229185	1.11	cps
Beryllium	9-1	423	390	313	376	15.02	cps
Bismuth	209-1	9676706	9390562	9446463	9504577	1.60	cps
Bismuth	209-2	7546910	7762189	7580417	7629839	1.52	cps
Bromine	81-1	8029	7852	8159	8013	1.92	cps
Bromine	81-2	83	47	67	66	28.00	cps
Cadmium	108-1	57	90	110	86	31.49	cps
Cadmium	106-1	3200	3350	3120	3224	3.62	cps
Cadmium	111-1	1101	1089	1133	1108	2.05	cps
Calcium	43-1	57896	58522	60082	58833	1.91	cps
Calcium	44-1	941030	944514	949791	945112	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23001	22781	22260	22680	1.68	cps
Cobalt	59-2	31543	30995	30545	31028	1.61	cps
Copper	63-2	96301	95093	94935	95443	0.78	cps
Dysprosium	156-1	12269	12192	12305	12255	0.47	cps
Dysprosium	156-2	9293	8936	9330	9186	2.37	cps
Erbium	164-1	11385	10828	11215	11142	2.56	cps
Erbium	164-2	7295	7342	7462	7366	1.17	cps
Gadolinium	160-1	11688	12039	12155	11961	2.03	cps
Gadolinium	160-2	8649	8726	8559	8645	0.97	cps
Holmium	165-1	15400750	15163206	15106512	15223489	1.03	cps
Holmium	165-2	10125503	10394386	10072108	10197332	1.69	cps
Indium	115-1	11692298	11347584	11374744	11471542	1.67	cps
Indium	115-2	3561707	3580804	3516965	3553159	0.92	cps
Iron	56-2	41842788	41882461	41550735	41758661	0.43	cps
Iron	57-2	1099972	1089742	1091917	1093877	0.49	cps
Iron	54-2	2306047	2250018	2240327	2265464	1.57	cps
Krypton	83-1	130	87	153	123	27.43	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 13:43:58	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	99541	94478	95536	96518	2.77	cps
Lead	207-1	88919	89495	88227	88880	0.71	cps
Lead	208-1	394676	393257	392994	393642	0.23	cps
Lithium	6-1	2295914	2305085	2299310	2300103	0.20	cps
Magnesium	24-2	763909	761036	761750	762232	0.20	cps
Manganese	55-2	692956	690696	687067	690240	0.43	cps
Molybdenum	94-1	8579	8926	8789	8765	1.99	cps
Molybdenum	95-1	757	760	770	762	0.91	cps
Molybdenum	96-1	2844	2754	2964	2854	3.69	cps
Molybdenum	97-1	437	473	503	471	7.09	cps
Molybdenum	98-1	1207	1163	1260	1210	4.00	cps
Neodymium	150-1	20225	20301	20164	20230	0.34	cps
Neodymium	150-2	10754	10721	10894	10790	0.85	cps
Nickel	60-2	7749	7669	7832	7750	1.05	cps
Phosphorus	31-2	2880	3124	3080	3028	4.29	cps
Potassium	39-2	377902	377615	379722	378413	0.30	cps
Rhodium	103-1	10199750	10256631	10044705	10167029	1.08	cps
Rhodium	103-2	5515271	5594872	5472461	5527535	1.12	cps
Scandium	45-1	5890532	5790627	5775043	5818734	1.08	cps
Scandium	45-2	455159	464448	448448	456018	1.76	cps
Selenium	82-1	665	642	710	672	5.15	cps
Selenium	77-2	37	30	37	34	11.18	cps
Selenium	78-2	110	150	133	131	15.32	cps
Silicon	28-1	3800526	3726254	3743679	3756820	1.03	cps
Silver	107-1	1003	1047	1047	1032	2.42	cps
Silver	109-1	1003	940	1010	984	3.92	cps
Sodium	23-2	27899	27655	27849	27801	0.46	cps
Strontium	86-1	34160	34901	33932	34331	1.48	cps
Strontium	88-1	296784	302046	304319	301049	1.28	cps
Sulfur	34-1	111708	114263	112090	112687	1.22	cps
Terbium	159-1	15898411	16046242	15507680	15817444	1.76	cps
Terbium	159-2	9987749	10122493	9901506	10003916	1.11	cps
Thallium	203-1	457	523	450	477	8.51	cps
Thallium	205-1	1240	1290	1273	1268	2.01	cps
Tin	118-1	2537	2487	2440	2488	1.94	cps
Titanium	47-1	193317	193675	193908	193633	0.15	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 13:43:58	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3797	3964	4047	3936	3.23	cps
Vanadium	51-2	80393	81069	79387	80283	1.05	cps
Yttrium	89-1	12323937	11984904	12016220	12108354	1.55	cps
Yttrium	89-2	2722434	2778774	2703687	2734965	1.43	cps
Zinc	66-2	32088	31613	32228	31976	1.01	cps
Zirconium	90-1	21800	21382	22157	21780	1.78	cps
Zirconium	91-1	4938	5074	4854	4955	2.24	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6238951	6196408	6227293	6220884	0.35	cps
Antimony	121-1	437738	438635	443452	439942	0.70	cps
Arsenic	75-2	46188	46165	45038	45797	1.44	cps
Barium	135-1	3053704	3075777	3099177	3076220	0.74	cps
Barium	137-1	5188222	5337483	5281674	5269126	1.43	cps
Beryllium	9-1	35855	37128	37054	36679	1.95	cps
Bismuth	209-1	9426067	9521344	9333204	9426872	1.00	cps
Bismuth	209-2	7370362	7317520	7288570	7325484	0.57	cps
Bromine	81-1	8693	8736	8726	8718	0.26	cps
Bromine	81-2	220	273	203	232	15.75	cps
Cadmium	108-1	3927	3821	4031	3926	2.68	cps
Cadmium	106-1	8489	8693	8876	8686	2.23	cps
Cadmium	111-1	59624	60582	60557	60254	0.91	cps
Calcium	43-1	313724	317734	318960	316806	0.86	cps
Calcium	44-1	4676915	4798744	4757707	4744455	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	398129	396484	393881	396165	0.54	cps
Cobalt	59-2	1223653	1222827	1214544	1220341	0.41	cps
Copper	63-2	861476	861154	856076	859569	0.35	cps
Dysprosium	156-1	65375	66613	68694	66894	2.51	cps
Dysprosium	156-2	51056	50765	50166	50662	0.90	cps
Erbium	164-1	59851	59998	61518	60455	1.53	cps
Erbium	164-2	40345	39937	39566	39949	0.98	cps
Gadolinium	160-1	63583	66259	65847	65230	2.21	cps
Gadolinium	160-2	45684	44724	45891	45433	1.37	cps
Holmium	165-1	15380676	15448045	15500831	15443184	0.39	cps
Holmium	165-2	10135702	10163534	10043322	10114186	0.62	cps
Indium	115-1	11385190	11431957	11436882	11418010	0.25	cps
Indium	115-2	3504352	3521241	3426573	3484055	1.45	cps
Iron	56-2	226034317	225593590	225881230	225836379	0.10	cps
Iron	57-2	5578095	5511591	5575534	5555074	0.68	cps
Iron	54-2	12182357	12166703	12204249	12184436	0.15	cps
Krypton	83-1	210	163	223	199	15.84	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	578352	593970	596884	589736	1.69	cps
Lead	207-1	532646	543137	546074	540619	1.31	cps
Lead	208-1	2364541	2415640	2430283	2403488	1.44	cps
Lithium	6-1	2276768	2294499	2295582	2288950	0.46	cps
Magnesium	24-2	3963422	3980351	3943095	3962289	0.47	cps
Manganese	55-2	4110134	4141336	4115056	4122175	0.41	cps
Molybdenum	94-1	45938	46146	46443	46176	0.55	cps
Molybdenum	95-1	3907	3897	4034	3946	1.93	cps
Molybdenum	96-1	14581	15418	14978	14992	2.79	cps
Molybdenum	97-1	2627	2490	2597	2571	2.79	cps
Molybdenum	98-1	6231	6038	6311	6194	2.27	cps
Neodymium	150-1	108312	110418	109807	109512	0.99	cps
Neodymium	150-2	59267	59655	58768	59230	0.75	cps
Nickel	60-2	305906	305202	303601	304903	0.39	cps
Phosphorus	31-2	15658	15882	15488	15676	1.26	cps
Potassium	39-2	1819238	1784236	1767270	1790248	1.48	cps
Rhodium	103-1	9999387	10007282	9999071	10001913	0.05	cps
Rhodium	103-2	5402632	5366208	5345961	5371601	0.53	cps
Scandium	45-1	5954254	6027281	5989556	5990364	0.61	cps
Scandium	45-2	464887	460436	460362	461895	0.56	cps
Selenium	82-1	7278	7214	7397	7297	1.27	cps
Selenium	77-2	630	687	660	659	4.30	cps
Selenium	78-2	1953	2144	2237	2111	6.84	cps
Silicon	28-1	19441016	19546538	19847055	19611536	1.07	cps
Silver	107-1	256875	260990	261103	259656	0.93	cps
Silver	109-1	246204	251540	250835	249526	1.16	cps
Sodium	23-2	86367	88925	88110	87801	1.49	cps
Strontium	86-1	185543	187365	188047	186985	0.69	cps
Strontium	88-1	1631594	1647085	1630904	1636528	0.56	cps
Sulfur	34-1	118071	118374	118240	118228	0.13	cps
Terbium	159-1	15862434	15787795	15838099	15829443	0.24	cps
Terbium	159-2	9933502	10023425	9915119	9957349	0.58	cps
Thallium	203-1	202404	204551	205756	204237	0.83	cps
Thallium	205-1	480176	494200	490318	488231	1.48	cps
Tin	118-1	10667	10681	10654	10667	0.12	cps
Titanium	47-1	1045338	1063238	1064208	1057595	1.00	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:47:15	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20813	20733	21207	20918	1.21	cps
Vanadium	51-2	1042608	1035634	1036147	1038130	0.37	cps
Yttrium	89-1	12751832	12708974	12788935	12749913	0.31	cps
Yttrium	89-2	2885894	2825821	2804335	2838684	1.49	cps
Zinc	66-2	292394	291491	290956	291614	0.25	cps
Zirconium	90-1	114787	119575	119323	117895	2.29	cps
Zirconium	91-1	26260	27222	26511	26664	1.87	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:50:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6342638	6302941	6320917	6322166	0.31	cps
Antimony	121-1	2104639	2136674	2119724	2120346	0.76	cps
Arsenic	75-2	69086	68490	68571	68716	0.47	cps
Barium	135-1	11696724	11716015	11670708	11694482	0.19	cps
Barium	137-1	19986574	20140718	20095871	20074387	0.39	cps
Beryllium	9-1	163310	164176	162761	163416	0.44	cps
Bismuth	209-1	9363506	9448003	9390499	9400669	0.46	cps
Bismuth	209-2	7294419	7260828	7225739	7260329	0.47	cps
Bromine	81-1	8469	8569	8429	8489	0.85	cps
Bromine	81-2	290	213	190	231	22.64	cps
Cadmium	108-1	17137	17247	16830	17071	1.27	cps
Cadmium	106-1	26394	27242	27069	26902	1.67	cps
Cadmium	111-1	270160	271943	272838	271647	0.50	cps
Calcium	43-1	298791	300393	299803	299663	0.27	cps
Calcium	44-1	4497570	4462584	4497894	4486016	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1374068	1370525	1355024	1366539	0.74	cps
Cobalt	59-2	5013287	5050906	4954062	5006085	0.98	cps
Copper	63-2	2148886	2142351	2085988	2125741	1.63	cps
Dysprosium	156-1	63620	65167	64059	64282	1.24	cps
Dysprosium	156-2	48423	48339	47965	48242	0.51	cps
Erbium	164-1	57370	57725	57474	57523	0.32	cps
Erbium	164-2	38493	38232	37266	37997	1.70	cps
Gadolinium	160-1	61765	62505	63252	62507	1.19	cps
Gadolinium	160-2	43464	42538	41755	42586	2.01	cps
Holmium	165-1	15147860	15256176	15201713	15201916	0.36	cps
Holmium	165-2	10104648	10002718	9908337	10005234	0.98	cps
Indium	115-1	11202824	11145432	11075323	11141193	0.57	cps
Indium	115-2	3413282	3397408	3436814	3415835	0.58	cps
Iron	56-2	219475490	218486197	215723670	217895119	0.89	cps
Iron	57-2	5431809	5457877	5273807	5387831	1.85	cps
Iron	54-2	11936271	11883787	11706768	11842276	1.02	cps
Krypton	83-1	197	227	250	224	11.91	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:50:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	809593	828192	824003	820596	1.19	cps
Lead	207-1	732544	742624	744104	739758	0.85	cps
Lead	208-1	3467659	3495124	3518237	3493673	0.72	cps
Lithium	6-1	2269375	2231201	2229851	2243476	1.00	cps
Magnesium	24-2	3744113	3681000	3662938	3696017	1.15	cps
Manganese	55-2	5814338	5867423	5794403	5825388	0.65	cps
Molybdenum	94-1	43919	43815	44216	43984	0.47	cps
Molybdenum	95-1	3937	3907	4041	3962	1.77	cps
Molybdenum	96-1	14274	14557	14758	14530	1.67	cps
Molybdenum	97-1	2344	2434	2277	2351	3.34	cps
Molybdenum	98-1	6248	6128	6118	6165	1.17	cps
Neodymium	150-1	104944	106515	106562	106007	0.87	cps
Neodymium	150-2	57199	57219	56382	56933	0.84	cps
Nickel	60-2	1268507	1261514	1249016	1259679	0.78	cps
Phosphorus	31-2	15214	14974	14664	14951	1.85	cps
Potassium	39-2	1698428	1692443	1700784	1697218	0.25	cps
Rhodium	103-1	9760810	9854026	9660645	9758494	0.99	cps
Rhodium	103-2	5276975	5238639	5253938	5256517	0.37	cps
Scandium	45-1	5787894	5817169	5766145	5790403	0.44	cps
Scandium	45-2	455665	448746	448534	450982	0.90	cps
Selenium	82-1	32904	32978	33179	33020	0.43	cps
Selenium	77-2	2860	2847	2824	2844	0.65	cps
Selenium	78-2	9243	9650	9460	9451	2.15	cps
Silicon	28-1	18454781	18575995	18341739	18457505	0.63	cps
Silver	107-1	933004	961736	979152	957964	2.43	cps
Silver	109-1	919694	913279	966144	933039	3.09	cps
Sodium	23-2	85167	84768	84275	84737	0.53	cps
Strontium	86-1	175712	178763	178739	177738	0.99	cps
Strontium	88-1	1545586	1579837	1534734	1553386	1.52	cps
Sulfur	34-1	112685	112416	111402	112168	0.60	cps
Terbium	159-1	15642461	15685930	15578451	15635614	0.35	cps
Terbium	159-2	9773522	9650984	9630667	9685057	0.80	cps
Thallium	203-1	980036	988514	987897	985482	0.48	cps
Thallium	205-1	2538190	2575761	2600464	2571471	1.22	cps
Tin	118-1	10230	9984	10347	10187	1.82	cps
Titanium	47-1	993772	1009595	1001028	1001465	0.79	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:50:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19748	20483	20065	20099	1.83	cps
Vanadium	51-2	3158341	3191088	3128261	3159230	0.99	cps
Yttrium	89-1	12459928	12431775	12415146	12435616	0.18	cps
Yttrium	89-2	2784561	2765683	2796673	2782306	0.56	cps
Zinc	66-2	731639	731899	725567	729702	0.49	cps
Zirconium	90-1	111731	112789	111234	111918	0.71	cps
Zirconium	91-1	25295	25355	25766	25472	1.01	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-04	Instrumnet Name :	P7
Client Sample ID :	MYD4M3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:53:51	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3772948	3727424	3679434	3726602	1.25	cps
Antimony	121-1	17013	17017	17808	17279	2.65	cps
Arsenic	75-2	39777	38841	39425	39348	1.20	cps
Barium	135-1	489814	493475	496165	493151	0.65	cps
Barium	137-1	845186	853215	858430	852277	0.78	cps
Beryllium	9-1	1527	1597	1400	1508	6.61	cps
Bismuth	209-1	9238800	9319135	9389417	9315784	0.81	cps
Bismuth	209-2	7365450	7365367	7310673	7347163	0.43	cps
Bromine	81-1	7785	8209	7799	7931	3.04	cps
Bromine	81-2	157	163	187	169	9.33	cps
Cadmium	108-1	303	283	313	300	5.09	cps
Cadmium	106-1	3550	3917	3574	3681	5.58	cps
Cadmium	111-1	4460	4193	4265	4306	3.20	cps
Calcium	43-1	187948	189267	191515	189577	0.95	cps
Calcium	44-1	2819754	2820241	2841921	2827305	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113634	113248	112176	113019	0.67	cps
Cobalt	59-2	130266	128420	127845	128843	0.98	cps
Copper	63-2	381942	380711	380529	381060	0.20	cps
Dysprosium	156-1	62669	63506	63948	63374	1.03	cps
Dysprosium	156-2	47122	47286	47948	47452	0.92	cps
Erbium	164-1	52244	51902	52428	52191	0.51	cps
Erbium	164-2	34198	33807	34085	34030	0.59	cps
Gadolinium	160-1	59063	59308	59496	59289	0.37	cps
Gadolinium	160-2	40886	40431	40552	40623	0.58	cps
Holmium	165-1	15127844	15303261	15123307	15184804	0.68	cps
Holmium	165-2	10086862	10078189	9998867	10054639	0.48	cps
Indium	115-1	11152095	11130337	11166554	11149662	0.16	cps
Indium	115-2	3446353	3393032	3418950	3419445	0.78	cps
Iron	56-2	178895237	178330824	175997437	177741166	0.86	cps
Iron	57-2	4336409	4373073	4324019	4344500	0.59	cps
Iron	54-2	9689509	9560169	9505234	9584971	0.99	cps
Krypton	83-1	153	200	180	178	13.17	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-04	Instrumnet Name :	P7
Client Sample ID :	MYD4M3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:53:51	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	561759	560514	567692	563322	0.68	cps
Lead	207-1	518593	519443	523696	520577	0.53	cps
Lead	208-1	2288513	2297854	2322622	2302997	0.77	cps
Lithium	6-1	2238926	2205841	2212923	2219230	0.78	cps
Magnesium	24-2	2625399	2637735	2600401	2621178	0.73	cps
Manganese	55-2	2679316	2638581	2626509	2648135	1.04	cps
Molybdenum	94-1	34156	34604	34310	34357	0.66	cps
Molybdenum	95-1	6238	6505	6395	6379	2.10	cps
Molybdenum	96-1	14471	14084	14838	14464	2.61	cps
Molybdenum	97-1	3877	3924	3934	3912	0.77	cps
Molybdenum	98-1	10010	10230	10070	10104	1.13	cps
Neodymium	150-1	106253	107469	107741	107154	0.74	cps
Neodymium	150-2	58250	58250	57175	57891	1.07	cps
Nickel	60-2	36591	35606	36020	36072	1.37	cps
Phosphorus	31-2	17610	17400	17704	17571	0.89	cps
Potassium	39-2	1928330	1909718	1866999	1901682	1.65	cps
Rhodium	103-1	9908977	9725422	9839201	9824533	0.94	cps
Rhodium	103-2	5341856	5306450	5327153	5325153	0.33	cps
Scandium	45-1	5670919	5626621	5662595	5653378	0.42	cps
Scandium	45-2	448380	441263	445588	445077	0.81	cps
Selenium	82-1	816	815	821	817	0.38	cps
Selenium	77-2	190	130	133	151	22.31	cps
Selenium	78-2	217	193	207	206	5.69	cps
Silicon	28-1	10942492	10974236	11098663	11005130	0.75	cps
Silver	107-1	5708	5644	5028	5460	6.88	cps
Silver	109-1	5558	5151	5068	5259	4.99	cps
Sodium	23-2	78328	77521	78860	78236	0.86	cps
Strontium	86-1	133367	135546	137006	135307	1.35	cps
Strontium	88-1	1181824	1184084	1198775	1188228	0.77	cps
Sulfur	34-1	111328	109640	111150	110706	0.84	cps
Terbium	159-1	15590355	15614108	15532371	15578945	0.27	cps
Terbium	159-2	10017943	9692668	9711783	9807465	1.86	cps
Thallium	203-1	2627	2650	2494	2590	3.26	cps
Thallium	205-1	6205	5995	5771	5990	3.62	cps
Tin	118-1	10344	10294	9974	10204	1.97	cps
Titanium	47-1	985327	1002407	1011035	999590	1.31	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-04	Instrumnet Name :	P7
Client Sample ID :	MYD4M3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:53:51	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27475	27271	27088	27278	0.71	cps
Vanadium	51-2	325599	322788	322569	323652	0.52	cps
Yttrium	89-1	12313813	12267581	12164927	12248774	0.62	cps
Yttrium	89-2	2782425	2739698	2768161	2763428	0.79	cps
Zinc	66-2	162705	160478	161705	161629	0.69	cps
Zirconium	90-1	81957	82869	82711	82512	0.59	cps
Zirconium	91-1	18345	19042	18856	18748	1.93	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:57:01	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5497600	5485426	5415347	5466124	0.81	cps
Antimony	121-1	3229114	3234979	3295220	3253104	1.12	cps
Arsenic	75-2	129519	128527	128093	128713	0.57	cps
Barium	135-1	4482895	4562859	4540915	4528889	0.91	cps
Barium	137-1	7715155	7835931	7892680	7814589	1.16	cps
Beryllium	9-1	504480	514350	514776	511202	1.14	cps
Bismuth	209-1	8646324	8799084	8812716	8752708	1.06	cps
Bismuth	209-2	6942113	6830082	6831393	6867863	0.94	cps
Bromine	81-1	7169	7022	7045	7078	1.11	cps
Bromine	81-2	23	33	33	30	19.25	cps
Cadmium	108-1	57681	57674	58407	57921	0.73	cps
Cadmium	106-1	84614	84809	84926	84783	0.19	cps
Cadmium	111-1	834347	846288	851489	844041	1.04	cps
Calcium	43-1	3959816	3945943	3965071	3956943	0.25	cps
Calcium	44-1	62518499	62906302	63214067	62879623	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1016797	1014355	1014502	1015218	0.13	cps
Cobalt	59-2	1504889	1505749	1501339	1503992	0.16	cps
Copper	63-2	10518921	10495468	10417757	10477382	0.51	cps
Dysprosium	156-1	220	247	250	239	6.88	cps
Dysprosium	156-2	297	257	290	281	7.62	cps
Erbium	164-1	197	247	297	247	20.27	cps
Erbium	164-2	113	157	123	131	17.30	cps
Gadolinium	160-1	180	203	193	192	6.09	cps
Gadolinium	160-2	560	567	527	551	3.89	cps
Holmium	165-1	14697859	14882655	14819519	14800011	0.63	cps
Holmium	165-2	9780596	9794359	9856162	9810372	0.41	cps
Indium	115-1	10409235	10361584	10247572	10339464	0.80	cps
Indium	115-2	3189880	3193016	3171553	3184817	0.36	cps
Iron	56-2	223602030	222843503	224697010	223714181	0.42	cps
Iron	57-2	5592003	5576224	5610879	5593036	0.31	cps
Iron	54-2	11969375	12016459	12034015	12006616	0.28	cps
Krypton	83-1	120	113	140	124	11.15	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:57:01	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13382726	13566110	13436786	13461874	0.70	cps
Lead	207-1	11974011	12160027	11967210	12033749	0.91	cps
Lead	208-1	53741420	54830008	54268374	54279934	1.00	cps
Lithium	6-1	2110754	2139896	2126493	2125715	0.69	cps
Magnesium	24-2	44522681	44489978	44092523	44368394	0.54	cps
Manganese	55-2	7726366	7754890	7728842	7736699	0.20	cps
Molybdenum	94-1	11250746	11158629	11289629	11233001	0.60	cps
Molybdenum	95-1	16344501	16327357	16411487	16361115	0.27	cps
Molybdenum	96-1	17814963	17883746	17858603	17852437	0.19	cps
Molybdenum	97-1	10287944	10193067	10300253	10260421	0.57	cps
Molybdenum	98-1	26850457	26556489	26754583	26720510	0.56	cps
Neodymium	150-1	337	410	343	363	11.16	cps
Neodymium	150-2	107	90	97	98	8.58	cps
Nickel	60-2	371149	368378	372207	370578	0.53	cps
Phosphorus	31-2	54898	54687	54764	54783	0.19	cps
Potassium	39-2	27551182	27558970	27610436	27573530	0.12	cps
Rhodium	103-1	8830451	8722514	8748797	8767254	0.64	cps
Rhodium	103-2	4722921	4777118	4699288	4733109	0.84	cps
Scandium	45-1	5308461	5245258	5263630	5272450	0.62	cps
Scandium	45-2	409131	410612	412080	410608	0.36	cps
Selenium	82-1	43855	43947	44579	44127	0.89	cps
Selenium	77-2	3691	3651	3744	3695	1.27	cps
Selenium	78-2	12515	12609	12365	12496	0.98	cps
Silicon	28-1	5697483	5654101	5632583	5661389	0.58	cps
Silver	107-1	3739814	3729478	3728483	3732592	0.17	cps
Silver	109-1	3555404	3568303	3570336	3564681	0.23	cps
Sodium	23-2	75720534	75630262	75076661	75475819	0.46	cps
Strontium	86-1	25316410	25257311	25439405	25337709	0.37	cps
Strontium	88-1	224149243	220413130	222871323	222477899	0.85	cps
Sulfur	34-1	333719	331566	334578	333288	0.47	cps
Terbium	159-1	15125981	15151518	15078194	15118564	0.25	cps
Terbium	159-2	9624076	9635230	9572758	9610688	0.35	cps
Thallium	203-1	3352545	3429340	3449517	3410467	1.50	cps
Thallium	205-1	8123478	8137036	8144098	8134871	0.13	cps
Tin	118-1	2746980	2767632	2724538	2746383	0.78	cps
Titanium	47-1	3652751	3698712	3690566	3680676	0.67	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV042	Instrumnet Name :	P7
Client Sample ID :	CCV042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 13:57:01	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11473505	11702532	11760981	11645673	1.30	cps
Vanadium	51-2	908876	906523	903357	906252	0.31	cps
Yttrium	89-1	11202278	11126914	11106764	11145319	0.45	cps
Yttrium	89-2	2486625	2467324	2501852	2485267	0.70	cps
Zinc	66-2	1752894	1736310	1727610	1738938	0.74	cps
Zirconium	90-1	5346372	5372278	5351209	5356620	0.26	cps
Zirconium	91-1	1210455	1210646	1214744	1211948	0.20	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:00:29	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280	357	300	312	12.74	cps
Antimony	121-1	3014	3027	3494	3178	8.60	cps
Arsenic	75-2	20	27	13	20	33.35	cps
Barium	135-1	387	297	223	302	27.07	cps
Barium	137-1	463	453	463	460	1.26	cps
Beryllium	9-1	167	193	153	171	11.90	cps
Bismuth	209-1	9628901	9798435	9638224	9688520	0.98	cps
Bismuth	209-2	7713510	7655216	7670096	7679607	0.39	cps
Bromine	81-1	6962	7028	7529	7173	4.32	cps
Bromine	81-2	33	33	30	32	5.97	cps
Cadmium	108-1	20	27	7	18	57.27	cps
Cadmium	106-1	3267	3224	3167	3219	1.56	cps
Cadmium	111-1	462	438	399	433	7.30	cps
Calcium	43-1	287	283	243	271	8.89	cps
Calcium	44-1	5141	4767	4277	4729	9.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	430	343	437	403	12.91	cps
Cobalt	59-2	197	200	187	194	3.57	cps
Copper	63-2	1213	1277	1260	1250	2.63	cps
Dysprosium	156-1	50	47	30	42	25.38	cps
Dysprosium	156-2	13	7	30	17	72.11	cps
Erbium	164-1	83	150	103	112	30.49	cps
Erbium	164-2	97	50	107	84	35.82	cps
Gadolinium	160-1	50	50	37	46	16.89	cps
Gadolinium	160-2	563	473	443	493	12.66	cps
Holmium	165-1	15102948	15044825	15181334	15109702	0.45	cps
Holmium	165-2	10079008	10157910	10062404	10099774	0.51	cps
Indium	115-1	11218888	11240349	11299627	11252955	0.37	cps
Indium	115-2	3477102	3505337	3497214	3493218	0.42	cps
Iron	56-2	19726	19603	19272	19534	1.20	cps
Iron	57-2	920	820	933	891	6.95	cps
Iron	54-2	1683	1593	1597	1625	3.14	cps
Krypton	83-1	120	153	137	137	12.20	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:00:29	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1520	1440	1177	1379	13.03	cps
Lead	207-1	1263	1123	1043	1143	9.74	cps
Lead	208-1	5854	5324	4840	5339	9.49	cps
Lithium	6-1	2275418	2307999	2243737	2275718	1.41	cps
Magnesium	24-2	1977	1893	1997	1956	2.80	cps
Manganese	55-2	773	727	737	746	3.30	cps
Molybdenum	94-1	1867	1773	1593	1745	7.97	cps
Molybdenum	95-1	1320	1260	1250	1277	2.97	cps
Molybdenum	96-1	1617	1520	1333	1490	9.67	cps
Molybdenum	97-1	800	677	610	696	13.86	cps
Molybdenum	98-1	2207	1823	1787	1939	12.00	cps
Neodymium	150-1	7	17	7	10	57.72	cps
Neodymium	150-2	3	27	0	10	145.32	cps
Nickel	60-2	153	107	117	126	19.57	cps
Phosphorus	31-2	117	110	67	98	27.76	cps
Potassium	39-2	28991	29064	29068	29041	0.15	cps
Rhodium	103-1	10022914	10033003	10042547	10032822	0.10	cps
Rhodium	103-2	5457407	5455074	5461776	5458086	0.06	cps
Scandium	45-1	5508371	5585910	5608361	5567547	0.94	cps
Scandium	45-2	439276	438551	435985	437937	0.39	cps
Selenium	82-1	562	608	632	600	5.90	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	120	140	143	134	9.39	cps
Silicon	28-1	123216	125225	126957	125133	1.50	cps
Silver	107-1	660	687	513	620	15.05	cps
Silver	109-1	707	573	563	614	13.02	cps
Sodium	23-2	17584	17100	17286	17323	1.41	cps
Strontium	86-1	1203	1163	977	1115	10.86	cps
Strontium	88-1	9710	7589	6728	8009	19.16	cps
Sulfur	34-1	115496	115788	116688	115990	0.54	cps
Terbium	159-1	15650216	15620624	15471854	15580898	0.61	cps
Terbium	159-2	9933897	9997832	9928432	9953387	0.39	cps
Thallium	203-1	770	663	547	660	16.93	cps
Thallium	205-1	1894	1483	1350	1576	17.97	cps
Tin	118-1	1253	1470	1533	1419	10.35	cps
Titanium	47-1	363	363	317	348	7.75	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB042	Instrumnet Name :	P7
Client Sample ID :	CCB042	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:00:29	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	447	363	343	384	14.26	cps
Vanadium	51-2	37	30	50	39	26.18	cps
Yttrium	89-1	11572219	11715074	11478157	11588483	1.03	cps
Yttrium	89-2	2660943	2637533	2673952	2657476	0.69	cps
Zinc	66-2	337	320	310	322	4.18	cps
Zirconium	90-1	3030	2907	2624	2854	7.31	cps
Zirconium	91-1	583	590	620	598	3.27	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-05	Instrumnet Name :	P7
Client Sample ID :	MYD4M4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:03:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5856598	5829920	5851573	5846030	0.24	cps
Antimony	121-1	10707	11351	11345	11134	3.32	cps
Arsenic	75-2	29793	29633	29282	29569	0.88	cps
Barium	135-1	785579	797626	806638	796614	1.33	cps
Barium	137-1	1357926	1375758	1399226	1377637	1.50	cps
Beryllium	9-1	2147	2260	2294	2234	3.44	cps
Bismuth	209-1	9628609	9582573	9574269	9595150	0.31	cps
Bismuth	209-2	7644559	7427241	7648119	7573306	1.67	cps
Bromine	81-1	9216	9533	9763	9504	2.89	cps
Bromine	81-2	393	383	403	393	2.54	cps
Cadmium	108-1	203	317	260	260	21.79	cps
Cadmium	106-1	3734	4031	3871	3878	3.83	cps
Cadmium	111-1	3426	3564	3450	3480	2.12	cps
Calcium	43-1	321830	332816	336001	330216	2.25	cps
Calcium	44-1	4834297	4943442	4978603	4918780	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119663	119969	119606	119746	0.16	cps
Cobalt	59-2	162616	162428	161879	162308	0.24	cps
Copper	63-2	399443	399303	401215	399987	0.27	cps
Dysprosium	156-1	76202	77908	79372	77827	2.04	cps
Dysprosium	156-2	58749	58458	59529	58912	0.94	cps
Erbium	164-1	64401	66179	67187	65922	2.14	cps
Erbium	164-2	43698	42892	43153	43248	0.95	cps
Gadolinium	160-1	72821	73934	75301	74019	1.68	cps
Gadolinium	160-2	51481	49858	51370	50903	1.78	cps
Holmium	165-1	15605505	15624339	15876257	15702034	0.96	cps
Holmium	165-2	10305267	10270877	10391756	10322633	0.60	cps
Indium	115-1	11363206	11469093	11470243	11434181	0.54	cps
Indium	115-2	3560917	3560086	3601766	3574257	0.67	cps
Iron	56-2	213980603	214174430	215807330	214654121	0.47	cps
Iron	57-2	5350462	5360766	5251128	5320785	1.14	cps
Iron	54-2	11725450	11528137	11628832	11627473	0.85	cps
Krypton	83-1	197	210	193	200	4.41	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-05	Instrumnet Name :	P7
Client Sample ID :	MYD4M4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:03:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	379781	387773	387819	385124	1.20	cps
Lead	207-1	343422	349841	350724	347996	1.15	cps
Lead	208-1	1526986	1555763	1569156	1550635	1.39	cps
Lithium	6-1	2293728	2272643	2281161	2282511	0.46	cps
Magnesium	24-2	3714561	3694221	3649288	3686023	0.91	cps
Manganese	55-2	3501439	3487974	3524515	3504643	0.53	cps
Molybdenum	94-1	35673	36693	37976	36781	3.14	cps
Molybdenum	95-1	4304	4267	4337	4303	0.81	cps
Molybdenum	96-1	13269	13817	14090	13725	3.04	cps
Molybdenum	97-1	2764	2804	2820	2796	1.04	cps
Molybdenum	98-1	6888	6972	6858	6906	0.85	cps
Neodymium	150-1	128489	130231	132021	130247	1.36	cps
Neodymium	150-2	71302	71054	70384	70914	0.67	cps
Nickel	60-2	42112	42249	42463	42275	0.42	cps
Phosphorus	31-2	17453	17477	17787	17572	1.06	cps
Potassium	39-2	1996091	2000944	1954379	1983805	1.29	cps
Rhodium	103-1	10071093	10174433	10168485	10138004	0.57	cps
Rhodium	103-2	5550291	5473426	5476040	5499919	0.79	cps
Scandium	45-1	5858455	5963237	6016420	5946037	1.35	cps
Scandium	45-2	478236	474249	476309	476265	0.42	cps
Selenium	82-1	916	830	944	897	6.65	cps
Selenium	77-2	177	157	193	176	10.46	cps
Selenium	78-2	283	267	260	270	4.45	cps
Silicon	28-1	12925921	13379821	13548005	13284582	2.42	cps
Silver	107-1	4687	4614	4704	4669	1.03	cps
Silver	109-1	4621	4304	4437	4454	3.57	cps
Sodium	23-2	98207	97248	99042	98166	0.91	cps
Strontium	86-1	203860	206270	210485	206872	1.62	cps
Strontium	88-1	1800667	1811951	1872676	1828431	2.12	cps
Sulfur	34-1	123283	125725	124253	124420	0.99	cps
Terbium	159-1	16093485	16014002	16076529	16061339	0.26	cps
Terbium	159-2	10196681	10165849	10154827	10172452	0.21	cps
Thallium	203-1	3010	3260	3007	3093	4.70	cps
Thallium	205-1	6999	7299	7095	7131	2.15	cps
Tin	118-1	10804	11201	11191	11065	2.05	cps
Titanium	47-1	703742	719766	726922	716810	1.66	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-05	Instrumnet Name :	P7
Client Sample ID :	MYD4M4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:03:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26446	26824	27061	26777	1.16	cps
Vanadium	51-2	404716	406464	403457	404879	0.37	cps
Yttrium	89-1	12915683	12880471	12985994	12927383	0.42	cps
Yttrium	89-2	2922085	2909662	2922133	2917960	0.25	cps
Zinc	66-2	131458	132043	131052	131518	0.38	cps
Zirconium	90-1	90463	92411	93049	91974	1.46	cps
Zirconium	91-1	19894	20998	21222	20705	3.44	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-06	Instrumnet Name :	P7
Client Sample ID :	MYD4M5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:06:59	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5335451	5347244	5298587	5327094	0.48	cps
Antimony	121-1	6742	6648	6582	6657	1.21	cps
Arsenic	75-2	15345	16055	15572	15657	2.32	cps
Barium	135-1	773402	781782	785042	780075	0.77	cps
Barium	137-1	1337838	1354677	1368488	1353668	1.13	cps
Beryllium	9-1	2070	2050	2157	2092	2.71	cps
Bismuth	209-1	9586694	9699703	9760224	9682207	0.91	cps
Bismuth	209-2	7549719	7576213	7508137	7544690	0.45	cps
Bromine	81-1	9036	9637	9243	9305	3.28	cps
Bromine	81-2	337	293	377	336	12.42	cps
Cadmium	108-1	137	130	163	143	12.31	cps
Cadmium	106-1	3844	3837	3554	3745	4.42	cps
Cadmium	111-1	2032	2033	1934	2000	2.85	cps
Calcium	43-1	260153	265314	268492	264653	1.59	cps
Calcium	44-1	3923412	3987345	3949888	3953548	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	107550	107013	107254	107272	0.25	cps
Cobalt	59-2	155088	154195	155159	154814	0.35	cps
Copper	63-2	233270	235290	233801	234120	0.45	cps
Dysprosium	156-1	76966	75954	78045	76988	1.36	cps
Dysprosium	156-2	57701	57895	57651	57749	0.22	cps
Erbium	164-1	64638	65720	66336	65565	1.31	cps
Erbium	164-2	43337	42150	42789	42758	1.39	cps
Gadolinium	160-1	71759	73300	73776	72945	1.45	cps
Gadolinium	160-2	50601	50056	50641	50433	0.65	cps
Holmium	165-1	15691251	15820403	15821108	15777587	0.47	cps
Holmium	165-2	10289693	10366249	10398104	10351349	0.54	cps
Indium	115-1	11536531	11671862	11607443	11605279	0.58	cps
Indium	115-2	3550524	3574258	3553394	3559392	0.36	cps
Iron	56-2	182426431	182224957	181332651	181994680	0.32	cps
Iron	57-2	4542053	4432691	4443302	4472682	1.35	cps
Iron	54-2	9922618	9851224	9828724	9867522	0.50	cps
Krypton	83-1	200	153	220	191	17.90	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-06	Instrumnet Name :	P7
Client Sample ID :	MYD4M5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:06:59	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	178911	179256	183467	180544	1.41	cps
Lead	207-1	152073	155636	155582	154430	1.32	cps
Lead	208-1	697404	706044	710792	704747	0.96	cps
Lithium	6-1	2263225	2298871	2357262	2306453	2.06	cps
Magnesium	24-2	3341335	3341140	3349494	3343990	0.14	cps
Manganese	55-2	3480777	3496842	3470624	3482748	0.38	cps
Molybdenum	94-1	31751	32854	32292	32299	1.71	cps
Molybdenum	95-1	3670	3584	3831	3695	3.39	cps
Molybdenum	96-1	11398	11902	11768	11689	2.23	cps
Molybdenum	97-1	2284	2430	2194	2302	5.19	cps
Molybdenum	98-1	5728	5581	5688	5666	1.34	cps
Neodymium	150-1	127170	128910	129242	128441	0.87	cps
Neodymium	150-2	68850	68619	68224	68564	0.46	cps
Nickel	60-2	40224	39034	39880	39712	1.54	cps
Phosphorus	31-2	15274	15351	15037	15221	1.07	cps
Potassium	39-2	2311942	2310012	2301724	2307892	0.24	cps
Rhodium	103-1	10297318	10159993	10315916	10257743	0.83	cps
Rhodium	103-2	5584433	5533395	5544045	5553957	0.48	cps
Scandium	45-1	6016897	6043033	5990424	6016785	0.44	cps
Scandium	45-2	471261	470849	468406	470172	0.33	cps
Selenium	82-1	895	862	864	874	2.11	cps
Selenium	77-2	160	203	150	171	16.57	cps
Selenium	78-2	280	203	227	237	16.61	cps
Silicon	28-1	12938346	13153778	13109689	13067271	0.87	cps
Silver	107-1	1603	1797	1927	1776	9.16	cps
Silver	109-1	1553	1737	1733	1675	6.27	cps
Sodium	23-2	86407	86079	87399	86628	0.79	cps
Strontium	86-1	173890	176976	175762	175542	0.89	cps
Strontium	88-1	1488782	1535118	1516694	1513531	1.54	cps
Sulfur	34-1	121136	123269	121505	121970	0.93	cps
Terbium	159-1	16166528	16292089	16237993	16232203	0.39	cps
Terbium	159-2	10042108	10114869	10084995	10080658	0.36	cps
Thallium	203-1	2374	2264	2450	2362	3.97	cps
Thallium	205-1	6041	5738	5951	5910	2.64	cps
Tin	118-1	8910	9173	9577	9220	3.64	cps
Titanium	47-1	747665	757246	760185	755032	0.87	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-06	Instrumnet Name :	P7
Client Sample ID :	MYD4M5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:06:59	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28995	29416	29199	29203	0.72	cps
Vanadium	51-2	324159	323788	322297	323415	0.30	cps
Yttrium	89-1	12881987	13025102	13206559	13037883	1.25	cps
Yttrium	89-2	2900435	2906875	2921677	2909662	0.37	cps
Zinc	66-2	74377	74401	74066	74281	0.25	cps
Zirconium	90-1	79812	81876	82178	81289	1.58	cps
Zirconium	91-1	18315	18685	18432	18477	1.02	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-07	Instrumnet Name :	P7
Client Sample ID :	MYD4M6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:10:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5356368	5314002	5341170	5337180	0.40	cps
Antimony	121-1	9170	9603	9523	9432	2.45	cps
Arsenic	75-2	24410	24029	23792	24077	1.29	cps
Barium	135-1	727443	734168	737228	732946	0.68	cps
Barium	137-1	1251529	1270764	1271105	1264466	0.89	cps
Beryllium	9-1	1797	1867	1763	1809	2.92	cps
Bismuth	209-1	9536141	9598557	9508940	9547879	0.48	cps
Bismuth	209-2	7457647	7357708	7426575	7413977	0.69	cps
Bromine	81-1	8673	8703	8756	8710	0.48	cps
Bromine	81-2	190	257	230	226	14.88	cps
Cadmium	108-1	187	240	243	223	14.24	cps
Cadmium	106-1	4031	3871	3634	3845	5.19	cps
Cadmium	111-1	2815	2891	2848	2851	1.34	cps
Calcium	43-1	326221	327071	327881	327058	0.25	cps
Calcium	44-1	4906430	4894880	4903553	4901621	0.12	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117825	117614	117197	117545	0.27	cps
Cobalt	59-2	146539	146911	145975	146475	0.32	cps
Copper	63-2	269452	271402	267646	269500	0.70	cps
Dysprosium	156-1	71899	72519	73806	72741	1.34	cps
Dysprosium	156-2	54455	54013	54030	54166	0.46	cps
Erbium	164-1	61337	62070	61689	61699	0.59	cps
Erbium	164-2	39990	41033	40121	40382	1.41	cps
Gadolinium	160-1	67066	69347	69792	68735	2.13	cps
Gadolinium	160-2	47557	46959	47146	47220	0.65	cps
Holmium	165-1	15539776	15845318	15712696	15699263	0.98	cps
Holmium	165-2	10351209	10081544	10279360	10237371	1.36	cps
Indium	115-1	11462796	11487183	11365086	11438355	0.56	cps
Indium	115-2	3525384	3472861	3500479	3499575	0.75	cps
Iron	56-2	187359984	187068671	186400371	186943008	0.26	cps
Iron	57-2	4592119	4603374	4545596	4580363	0.67	cps
Iron	54-2	10023191	10115473	9995199	10044621	0.63	cps
Krypton	83-1	217	190	157	188	16.01	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-07	Instrumnet Name :	P7
Client Sample ID :	MYD4M6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:10:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	277870	279407	281223	279500	0.60	cps
Lead	207-1	244882	248190	248061	247044	0.76	cps
Lead	208-1	1105453	1112099	1118782	1112111	0.60	cps
Lithium	6-1	2267897	2291596	2285971	2281821	0.54	cps
Magnesium	24-2	3790648	3748330	3741849	3760276	0.70	cps
Manganese	55-2	3268665	3274051	3271033	3271250	0.08	cps
Molybdenum	94-1	43047	43956	44551	43851	1.73	cps
Molybdenum	95-1	4781	4931	4924	4879	1.74	cps
Molybdenum	96-1	14858	14811	15395	15021	2.16	cps
Molybdenum	97-1	2890	2837	2984	2904	2.56	cps
Molybdenum	98-1	7582	7532	7525	7546	0.41	cps
Neodymium	150-1	117776	119914	122294	119995	1.88	cps
Neodymium	150-2	65250	64701	65240	65063	0.48	cps
Nickel	60-2	41611	41985	41544	41713	0.57	cps
Phosphorus	31-2	16759	16329	16662	16584	1.36	cps
Potassium	39-2	1189727	1198575	1282337	1223546	4.18	cps
Rhodium	103-1	10159344	10186153	10095884	10147127	0.46	cps
Rhodium	103-2	5497463	5430563	5542220	5490082	1.02	cps
Scandium	45-1	6015579	5966895	5965563	5982679	0.48	cps
Scandium	45-2	469686	462994	474844	469175	1.27	cps
Selenium	82-1	811	830	815	818	1.22	cps
Selenium	77-2	150	150	157	152	2.53	cps
Selenium	78-2	223	283	217	241	15.23	cps
Silicon	28-1	12008932	12001399	12114561	12041631	0.53	cps
Silver	107-1	2047	2074	2247	2122	5.12	cps
Silver	109-1	1857	1847	1790	1831	1.96	cps
Sodium	23-2	87433	87614	87771	87606	0.19	cps
Strontium	86-1	183349	184176	186001	184509	0.74	cps
Strontium	88-1	1616590	1619013	1619802	1618468	0.10	cps
Sulfur	34-1	116917	114972	118061	116650	1.34	cps
Terbium	159-1	16020499	16135733	16000520	16052250	0.45	cps
Terbium	159-2	10227832	9922649	10152442	10100974	1.57	cps
Thallium	203-1	1690	1880	1947	1839	7.24	cps
Thallium	205-1	4317	4444	4217	4326	2.63	cps
Tin	118-1	8666	9196	9160	9007	3.29	cps
Titanium	47-1	644183	651435	657555	651058	1.03	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-07	Instrumnet Name :	P7
Client Sample ID :	MYD4M6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:10:09	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22669	22469	22746	22628	0.63	cps
Vanadium	51-2	315387	313914	312819	314040	0.41	cps
Yttrium	89-1	12808351	12820561	12798031	12808981	0.09	cps
Yttrium	89-2	2928475	2882487	2894991	2901984	0.82	cps
Zinc	66-2	101498	102025	101216	101580	0.40	cps
Zirconium	90-1	111368	110730	111788	111295	0.48	cps
Zirconium	91-1	24801	25035	24838	24891	0.50	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-08	Instrumnet Name :	P7
Client Sample ID :	MYD4M7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:13:21	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4758756	4759205	4795470	4771143	0.44	cps
Antimony	121-1	9640	10117	10277	10011	3.31	cps
Arsenic	75-2	22681	22554	22233	22489	1.03	cps
Barium	135-1	723496	724137	728275	725303	0.36	cps
Barium	137-1	1251904	1261871	1265721	1259832	0.57	cps
Beryllium	9-1	1920	1790	1850	1853	3.51	cps
Bismuth	209-1	9377242	9392518	9352309	9374023	0.22	cps
Bismuth	209-2	7335606	7356106	7354066	7348592	0.15	cps
Bromine	81-1	8516	8483	8536	8511	0.32	cps
Bromine	81-2	220	257	243	240	7.73	cps
Cadmium	108-1	183	163	227	191	16.94	cps
Cadmium	106-1	3754	3934	3627	3772	4.09	cps
Cadmium	111-1	2468	2515	2536	2506	1.37	cps
Calcium	43-1	297141	296006	297469	296872	0.26	cps
Calcium	44-1	4400015	4411213	4410727	4407318	0.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	117170	117281	117688	117380	0.23	cps
Cobalt	59-2	162610	163597	160794	162333	0.88	cps
Copper	63-2	242408	242872	242331	242537	0.12	cps
Dysprosium	156-1	73357	75160	74181	74232	1.22	cps
Dysprosium	156-2	55871	56014	55680	55855	0.30	cps
Erbium	164-1	60246	61096	61029	60790	0.78	cps
Erbium	164-2	39793	40191	39974	39986	0.50	cps
Gadolinium	160-1	68567	69206	69273	69015	0.57	cps
Gadolinium	160-2	47266	46892	47955	47371	1.14	cps
Holmium	165-1	15411559	15411730	15303109	15375466	0.41	cps
Holmium	165-2	9922024	10145005	9928373	9998467	1.27	cps
Indium	115-1	11352489	11344774	11234671	11310645	0.58	cps
Indium	115-2	3452393	3465121	3450917	3456144	0.23	cps
Iron	56-2	201490977	201725144	200407130	201207750	0.35	cps
Iron	57-2	4930096	4921585	4921677	4924453	0.10	cps
Iron	54-2	10863162	10973456	10862843	10899820	0.59	cps
Krypton	83-1	247	220	170	212	18.34	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-08	Instrumnet Name :	P7
Client Sample ID :	MYD4M7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:13:21	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	274645	278824	281088	278186	1.17	cps
Lead	207-1	246383	248230	247325	247313	0.37	cps
Lead	208-1	1099776	1111057	1112722	1107852	0.64	cps
Lithium	6-1	2236247	2265154	2258061	2253154	0.67	cps
Magnesium	24-2	3445803	3442511	3472493	3453602	0.48	cps
Manganese	55-2	3847907	3856358	3859283	3854516	0.15	cps
Molybdenum	94-1	41298	41592	41793	41561	0.60	cps
Molybdenum	95-1	5344	5381	5364	5363	0.34	cps
Molybdenum	96-1	15014	15465	15442	15307	1.66	cps
Molybdenum	97-1	3284	3367	3017	3223	5.67	cps
Molybdenum	98-1	7936	8172	8459	8189	3.20	cps
Neodymium	150-1	121528	123918	122231	122559	1.00	cps
Neodymium	150-2	65561	65813	66050	65808	0.37	cps
Nickel	60-2	43590	43085	43352	43342	0.58	cps
Phosphorus	31-2	18698	18201	17964	18288	2.05	cps
Potassium	39-2	2136980	2112361	2075731	2108357	1.46	cps
Rhodium	103-1	10092989	10053934	10028897	10058607	0.32	cps
Rhodium	103-2	5368823	5360278	5351856	5360319	0.16	cps
Scandium	45-1	5863275	5872847	5847019	5861047	0.22	cps
Scandium	45-2	454324	453056	451663	453014	0.29	cps
Selenium	82-1	899	857	803	853	5.60	cps
Selenium	77-2	193	127	147	156	21.99	cps
Selenium	78-2	240	267	213	240	11.11	cps
Silicon	28-1	12280465	12455274	12313741	12349827	0.75	cps
Silver	107-1	1817	2027	2074	1972	6.93	cps
Silver	109-1	1790	1790	1800	1793	0.32	cps
Sodium	23-2	78964	78854	80110	79309	0.88	cps
Strontium	86-1	167598	169445	168346	168463	0.55	cps
Strontium	88-1	1466105	1503476	1482481	1484021	1.26	cps
Sulfur	34-1	118837	121360	119267	119822	1.13	cps
Terbium	159-1	15863448	15700483	15758428	15774119	0.52	cps
Terbium	159-2	9833740	9902502	9798608	9844950	0.54	cps
Thallium	203-1	2124	2074	2017	2071	2.58	cps
Thallium	205-1	4761	4771	4898	4810	1.58	cps
Tin	118-1	8419	8943	8626	8663	3.04	cps
Titanium	47-1	742346	743893	747550	744596	0.36	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-08	Instrumnet Name :	P7
Client Sample ID :	MYD4M7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:13:21	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23060	23037	23518	23205	1.17	cps
Vanadium	51-2	356572	359926	354494	356997	0.77	cps
Yttrium	89-1	12707441	12780980	12621758	12703393	0.63	cps
Yttrium	89-2	2798988	2794685	2825544	2806406	0.60	cps
Zinc	66-2	107718	106801	106744	107088	0.51	cps
Zirconium	90-1	102236	103783	104274	103431	1.03	cps
Zirconium	91-1	23138	23228	22624	22997	1.42	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-09	Instrumnet Name :	P7
Client Sample ID :	MYD4M8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:16:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4003569	3991395	4005135	4000033	0.19	cps
Antimony	121-1	23209	23583	23349	23380	0.81	cps
Arsenic	75-2	71327	72536	71571	71811	0.89	cps
Barium	135-1	500517	504550	500654	501907	0.46	cps
Barium	137-1	867772	872868	865779	868806	0.42	cps
Beryllium	9-1	1690	1690	1837	1739	4.87	cps
Bismuth	209-1	8874903	9542593	9370374	9262623	3.74	cps
Bismuth	209-2	7409134	7382037	7329299	7373490	0.55	cps
Bromine	81-1	8879	8603	9216	8899	3.45	cps
Bromine	81-2	260	273	300	278	7.33	cps
Cadmium	108-1	437	343	357	379	13.32	cps
Cadmium	106-1	3627	3987	3751	3788	4.83	cps
Cadmium	111-1	5585	5598	5478	5554	1.19	cps
Calcium	43-1	201833	206049	202941	203608	1.07	cps
Calcium	44-1	3005246	3015850	3044149	3021749	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97184	95962	95879	96342	0.76	cps
Cobalt	59-2	135518	134762	134759	135013	0.32	cps
Copper	63-2	417545	413760	411746	414350	0.71	cps
Dysprosium	156-1	66252	66801	66969	66674	0.56	cps
Dysprosium	156-2	49918	50139	50049	50035	0.22	cps
Erbium	164-1	53930	53977	55141	54349	1.26	cps
Erbium	164-2	36133	35361	35986	35827	1.14	cps
Gadolinium	160-1	61863	63198	62964	62675	1.14	cps
Gadolinium	160-2	42170	42538	41832	42180	0.84	cps
Holmium	165-1	14508792	15517759	15290546	15105699	3.50	cps
Holmium	165-2	10213460	9999306	9995322	10069362	1.24	cps
Indium	115-1	10741937	11346998	11216658	11101864	2.87	cps
Indium	115-2	3492532	3452717	3451360	3465536	0.67	cps
Iron	56-2	188004824	187012244	186973524	187330197	0.31	cps
Iron	57-2	4559519	4592564	4593944	4582009	0.43	cps
Iron	54-2	10185012	10163912	10042482	10130468	0.76	cps
Krypton	83-1	117	197	207	173	28.46	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-09	Instrumnet Name :	P7
Client Sample ID :	MYD4M8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:16:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1186006	1203944	1195435	1195128	0.75	cps
Lead	207-1	1114288	1137788	1134557	1128878	1.13	cps
Lead	208-1	5156969	5223538	5180734	5187080	0.65	cps
Lithium	6-1	2157617	2268807	2221301	2215909	2.52	cps
Magnesium	24-2	2688902	2675408	2679416	2681242	0.26	cps
Manganese	55-2	2450257	2475732	2408747	2444912	1.38	cps
Molybdenum	94-1	28404	28895	29413	28904	1.74	cps
Molybdenum	95-1	5618	5761	5885	5755	2.32	cps
Molybdenum	96-1	13296	13803	13690	13596	1.96	cps
Molybdenum	97-1	3661	3704	3630	3665	1.01	cps
Molybdenum	98-1	9023	9226	8879	9043	1.93	cps
Neodymium	150-1	112729	115417	114544	114230	1.20	cps
Neodymium	150-2	61617	62384	60860	61620	1.24	cps
Nickel	60-2	34406	33715	33267	33796	1.70	cps
Phosphorus	31-2	20788	20654	20788	20743	0.37	cps
Potassium	39-2	1997380	1955121	1930638	1961047	1.72	cps
Rhodium	103-1	9425805	9991807	9922733	9780115	3.16	cps
Rhodium	103-2	5395684	5355927	5360454	5370688	0.41	cps
Scandium	45-1	5577642	5798965	5837882	5738163	2.45	cps
Scandium	45-2	454487	448974	446644	450035	0.89	cps
Selenium	82-1	830	929	961	907	7.51	cps
Selenium	77-2	180	140	120	147	20.83	cps
Selenium	78-2	300	330	277	302	8.85	cps
Silicon	28-1	12380988	12317261	12257041	12318430	0.50	cps
Silver	107-1	9567	9353	9540	9487	1.23	cps
Silver	109-1	8896	8913	9113	8974	1.34	cps
Sodium	23-2	80961	81792	81491	81415	0.52	cps
Strontium	86-1	144124	143167	144285	143859	0.42	cps
Strontium	88-1	1247622	1260791	1257054	1255156	0.54	cps
Sulfur	34-1	118690	120067	120987	119915	0.96	cps
Terbium	159-1	14912074	15806535	15760813	15493140	3.25	cps
Terbium	159-2	9913711	9791661	9753224	9819532	0.85	cps
Thallium	203-1	2530	2380	2584	2498	4.22	cps
Thallium	205-1	5935	6198	5911	6015	2.65	cps
Tin	118-1	12442	12219	12132	12264	1.31	cps
Titanium	47-1	863491	868657	867294	866480	0.31	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-09	Instrumnet Name :	P7
Client Sample ID :	MYD4M8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:16:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28330	28303	28667	28434	0.71	cps
Vanadium	51-2	315145	315391	313339	314625	0.36	cps
Yttrium	89-1	11954501	12433030	12314596	12234042	2.04	cps
Yttrium	89-2	2829000	2762635	2780502	2790712	1.23	cps
Zinc	66-2	233493	233802	232034	233109	0.41	cps
Zirconium	90-1	67876	68974	68670	68507	0.83	cps
Zirconium	91-1	15925	15658	15235	15606	2.23	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-10	Instrumnet Name :	P7
Client Sample ID :	MYD4M9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:19:40	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4956775	4950443	4916888	4941368	0.43	cps
Antimony	121-1	17110	17638	17537	17428	1.61	cps
Arsenic	75-2	37126	36839	36939	36968	0.39	cps
Barium	135-1	613998	618626	619388	617337	0.47	cps
Barium	137-1	1060237	1071873	1074963	1069024	0.73	cps
Beryllium	9-1	1577	1530	1660	1589	4.14	cps
Bismuth	209-1	9219258	9316741	9285586	9273862	0.54	cps
Bismuth	209-2	7341641	7329299	7332213	7334385	0.09	cps
Bromine	81-1	8926	8836	8633	8798	1.71	cps
Bromine	81-2	307	243	327	292	14.89	cps
Cadmium	108-1	340	443	437	407	14.22	cps
Cadmium	106-1	3794	3917	3817	3843	1.71	cps
Cadmium	111-1	5556	6122	5835	5838	4.84	cps
Calcium	43-1	388952	391577	392039	390856	0.43	cps
Calcium	44-1	5775629	5853678	5881923	5837077	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118481	117684	116085	117417	1.04	cps
Cobalt	59-2	137126	135882	135720	136243	0.56	cps
Copper	63-2	722050	718093	713709	717951	0.58	cps
Dysprosium	156-1	68519	70412	69598	69510	1.37	cps
Dysprosium	156-2	52551	52645	52742	52646	0.18	cps
Erbium	164-1	57253	57159	58294	57569	1.09	cps
Erbium	164-2	37701	37627	38336	37888	1.03	cps
Gadolinium	160-1	63835	64906	66571	65104	2.12	cps
Gadolinium	160-2	45758	43731	44658	44716	2.27	cps
Holmium	165-1	15063582	14948137	15109924	15040548	0.55	cps
Holmium	165-2	9894440	9937732	9992081	9941418	0.49	cps
Indium	115-1	11149505	11171697	11182339	11167847	0.15	cps
Indium	115-2	3406564	3386674	3414658	3402632	0.42	cps
Iron	56-2	181745231	183457791	179929451	181710824	0.97	cps
Iron	57-2	4474185	4484628	4498689	4485834	0.27	cps
Iron	54-2	9832709	9799332	9822852	9818298	0.17	cps
Krypton	83-1	187	220	160	189	15.91	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-10	Instrumnet Name :	P7
Client Sample ID :	MYD4M9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:19:40	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	684648	698020	702933	695200	1.36	cps
Lead	207-1	627434	635379	640642	634485	1.05	cps
Lead	208-1	2782437	2826545	2846008	2818330	1.16	cps
Lithium	6-1	2210223	2225062	2231973	2222419	0.50	cps
Magnesium	24-2	3949810	3967872	3968119	3961934	0.27	cps
Manganese	55-2	3551337	3539822	3522550	3537903	0.41	cps
Molybdenum	94-1	28912	29787	30061	29587	2.03	cps
Molybdenum	95-1	4994	5278	5274	5182	3.14	cps
Molybdenum	96-1	12492	13246	12846	12861	2.93	cps
Molybdenum	97-1	3110	3270	3300	3227	3.17	cps
Molybdenum	98-1	8246	8206	8082	8178	1.04	cps
Neodymium	150-1	114846	116755	117208	116270	1.08	cps
Neodymium	150-2	63368	62531	62216	62705	0.95	cps
Nickel	60-2	43222	41451	43145	42606	2.35	cps
Phosphorus	31-2	22206	22734	22156	22365	1.43	cps
Potassium	39-2	1977526	1972357	1959562	1969815	0.47	cps
Rhodium	103-1	9860465	9913346	9817305	9863705	0.49	cps
Rhodium	103-2	5287519	5202584	5296467	5262190	0.98	cps
Scandium	45-1	5703964	5719534	5661558	5695019	0.53	cps
Scandium	45-2	446609	444203	444802	445205	0.28	cps
Selenium	82-1	851	935	835	874	6.13	cps
Selenium	77-2	133	183	130	149	20.07	cps
Selenium	78-2	287	293	280	287	2.32	cps
Silicon	28-1	12308196	12443329	12328927	12360150	0.59	cps
Silver	107-1	9053	8909	9006	8990	0.81	cps
Silver	109-1	8192	8449	8703	8448	3.02	cps
Sodium	23-2	86126	85851	86977	86318	0.68	cps
Strontium	86-1	134057	136516	136687	135753	1.08	cps
Strontium	88-1	1182132	1194393	1202839	1193121	0.87	cps
Sulfur	34-1	155223	157903	159502	157543	1.37	cps
Terbium	159-1	15405477	15554379	15658666	15539507	0.82	cps
Terbium	159-2	9680332	9709098	9829590	9739673	0.81	cps
Thallium	203-1	2640	2707	2364	2570	7.08	cps
Thallium	205-1	5948	5998	6175	6040	1.97	cps
Tin	118-1	10874	11051	11345	11090	2.14	cps
Titanium	47-1	669637	675619	674068	673108	0.46	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-10	Instrumnet Name :	P7
Client Sample ID :	MYD4M9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:19:40	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21307	22285	21761	21785	2.25	cps
Vanadium	51-2	292732	292916	291621	292423	0.24	cps
Yttrium	89-1	12413126	12350900	12389569	12384531	0.25	cps
Yttrium	89-2	2763010	2757239	2747213	2755820	0.29	cps
Zinc	66-2	193500	192382	194100	193327	0.45	cps
Zirconium	90-1	72290	73596	73761	73216	1.10	cps
Zirconium	91-1	16373	16993	16589	16652	1.89	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-11	Instrumnet Name :	P7
Client Sample ID :	MYD4N0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:22:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5340557	5343063	5272699	5318773	0.75	cps
Antimony	121-1	7085	7215	6858	7053	2.56	cps
Arsenic	75-2	20621	20331	20017	20323	1.49	cps
Barium	135-1	559062	571428	568342	566277	1.14	cps
Barium	137-1	977622	986809	990868	985099	0.69	cps
Beryllium	9-1	1677	1643	1743	1688	3.02	cps
Bismuth	209-1	8906474	9016591	8973843	8965636	0.62	cps
Bismuth	209-2	7222971	6044117	7314856	6860648	10.33	cps
Bromine	81-1	8179	8139	8079	8132	0.62	cps
Bromine	81-2	150	203	200	184	16.20	cps
Cadmium	108-1	187	223	220	210	9.66	cps
Cadmium	106-1	3671	3694	3784	3716	1.61	cps
Cadmium	111-1	2255	2329	2420	2335	3.53	cps
Calcium	43-1	1160354	1166418	1165663	1164145	0.28	cps
Calcium	44-1	17470950	17565519	17424023	17486831	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129580	127526	127070	128059	1.04	cps
Cobalt	59-2	160322	159446	157748	159172	0.82	cps
Copper	63-2	220120	220286	216952	219119	0.86	cps
Dysprosium	156-1	67149	67367	69558	68025	1.96	cps
Dysprosium	156-2	50885	50929	51082	50965	0.20	cps
Erbium	164-1	58559	59569	59419	59182	0.92	cps
Erbium	164-2	38222	37928	38560	38237	0.83	cps
Gadolinium	160-1	64655	65274	66051	65327	1.07	cps
Gadolinium	160-2	44634	44464	45129	44742	0.77	cps
Holmium	165-1	14717780	14824361	14810864	14784335	0.39	cps
Holmium	165-2	9768548	8425598	9918574	9370907	8.77	cps
Indium	115-1	10832228	10896073	10840714	10856338	0.32	cps
Indium	115-2	3366249	2810956	3475049	3217418	11.07	cps
Iron	56-2	184433684	183789304	183284484	183835824	0.31	cps
Iron	57-2	4528513	4478985	4520371	4509290	0.59	cps
Iron	54-2	9986634	9961381	9805341	9917786	0.99	cps
Krypton	83-1	213	183	167	188	12.59	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-11	Instrumnet Name :	P7
Client Sample ID :	MYD4N0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:22:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	175923	179427	176942	177431	1.02	cps
Lead	207-1	156466	158380	159274	158040	0.91	cps
Lead	208-1	701325	708698	713752	707925	0.88	cps
Lithium	6-1	2180749	2148103	2179881	2169578	0.86	cps
Magnesium	24-2	4427582	4454909	4326172	4402888	1.54	cps
Manganese	55-2	3601157	3609051	3538120	3582776	1.09	cps
Molybdenum	94-1	40867	41485	41729	41360	1.07	cps
Molybdenum	95-1	3614	3951	3861	3808	4.58	cps
Molybdenum	96-1	13289	13279	13323	13297	0.17	cps
Molybdenum	97-1	2404	2277	2324	2335	2.74	cps
Molybdenum	98-1	6011	6455	6095	6187	3.81	cps
Neodymium	150-1	112494	113889	114295	113559	0.83	cps
Neodymium	150-2	61024	61704	60680	61136	0.85	cps
Nickel	60-2	43563	43570	42537	43223	1.38	cps
Phosphorus	31-2	18755	18418	18742	18638	1.02	cps
Potassium	39-2	1686491	1650609	1649956	1662352	1.26	cps
Rhodium	103-1	9642276	9548743	9551656	9580892	0.56	cps
Rhodium	103-2	5206514	4434042	5267833	4969463	9.35	cps
Scandium	45-1	5594052	5602012	5613616	5603227	0.18	cps
Scandium	45-2	439258	377630	446744	421211	9.00	cps
Selenium	82-1	870	798	815	828	4.55	cps
Selenium	77-2	127	147	153	142	9.76	cps
Selenium	78-2	213	193	253	220	13.89	cps
Silicon	28-1	11544019	11691937	11562790	11599582	0.69	cps
Silver	107-1	1503	1310	1440	1418	6.95	cps
Silver	109-1	1160	1187	1143	1163	1.88	cps
Sodium	23-2	85573	84705	85952	85410	0.75	cps
Strontium	86-1	159537	158822	160173	159511	0.42	cps
Strontium	88-1	1391564	1409518	1402924	1401335	0.65	cps
Sulfur	34-1	130025	129715	130431	130057	0.28	cps
Terbium	159-1	15309977	15231996	15240351	15260775	0.28	cps
Terbium	159-2	9637314	8306888	9799491	9247898	8.86	cps
Thallium	203-1	2074	1943	1930	1982	3.99	cps
Thallium	205-1	4581	4928	4721	4743	3.68	cps
Tin	118-1	8036	8399	8443	8292	2.69	cps
Titanium	47-1	598234	605499	600700	601477	0.61	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-11	Instrumnet Name :	P7
Client Sample ID :	MYD4N0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:22:49	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18450	18386	18396	18411	0.19	cps
Vanadium	51-2	312901	313567	310104	312191	0.59	cps
Yttrium	89-1	12188451	12153287	12089986	12143908	0.41	cps
Yttrium	89-2	2729493	2359926	2745110	2611510	8.35	cps
Zinc	66-2	95472	94372	94989	94945	0.58	cps
Zirconium	90-1	103021	105358	105089	104489	1.22	cps
Zirconium	91-1	23045	23813	23132	23330	1.80	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-12	Instrumnet Name :	P7
Client Sample ID :	MYD4N1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:26:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5018464	4984256	4970910	4991210	0.49	cps
Antimony	121-1	11855	12606	12239	12233	3.07	cps
Arsenic	75-2	26240	26217	26657	26371	0.94	cps
Barium	135-1	607345	616686	618794	614275	0.99	cps
Barium	137-1	1039449	1068471	1072734	1060218	1.71	cps
Beryllium	9-1	1603	1647	1637	1629	1.39	cps
Bismuth	209-1	9002334	9092159	9172285	9088926	0.94	cps
Bismuth	209-2	7168714	7119848	7134541	7141034	0.35	cps
Bromine	81-1	8452	8082	8379	8305	2.36	cps
Bromine	81-2	270	223	267	253	10.28	cps
Cadmium	108-1	403	417	437	419	4.01	cps
Cadmium	106-1	3974	4091	3807	3957	3.60	cps
Cadmium	111-1	5767	5798	5752	5772	0.41	cps
Calcium	43-1	499383	510172	511646	507067	1.32	cps
Calcium	44-1	7478326	7606409	7647541	7577425	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	109584	110004	111015	110201	0.67	cps
Cobalt	59-2	142125	142334	140759	141739	0.60	cps
Copper	63-2	585839	583805	586021	585222	0.21	cps
Dysprosium	156-1	69360	71879	71326	70855	1.87	cps
Dysprosium	156-2	53210	53669	53936	53605	0.68	cps
Erbium	164-1	57437	60082	59516	59012	2.36	cps
Erbium	164-2	39282	39115	39138	39178	0.23	cps
Gadolinium	160-1	65616	67327	67712	66885	1.67	cps
Gadolinium	160-2	46400	46116	45500	46005	1.00	cps
Holmium	165-1	14571757	14668902	14827125	14689261	0.88	cps
Holmium	165-2	9841293	9790814	9760847	9797651	0.41	cps
Indium	115-1	10780325	10912567	10817724	10836872	0.63	cps
Indium	115-2	3354339	3284626	3357976	3332314	1.24	cps
Iron	56-2	172200824	170475471	171017497	171231264	0.52	cps
Iron	57-2	4252057	4222385	4239452	4237965	0.35	cps
Iron	54-2	9236831	9247115	9286441	9256796	0.28	cps
Krypton	83-1	193	160	170	174	9.81	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-12	Instrumnet Name :	P7
Client Sample ID :	MYD4N1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:26:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	580470	592639	596426	589845	1.41	cps
Lead	207-1	535470	547129	548542	543714	1.32	cps
Lead	208-1	2369456	2416764	2430390	2405537	1.33	cps
Lithium	6-1	2114397	2156160	2160275	2143611	1.18	cps
Magnesium	24-2	3724229	3739676	3687780	3717228	0.72	cps
Manganese	55-2	3478549	3464170	3433975	3458898	0.66	cps
Molybdenum	94-1	46821	47196	47734	47250	0.97	cps
Molybdenum	95-1	4347	4437	4384	4390	1.03	cps
Molybdenum	96-1	14320	14718	15038	14692	2.45	cps
Molybdenum	97-1	2997	2734	2564	2765	7.90	cps
Molybdenum	98-1	6912	7225	6915	7017	2.57	cps
Neodymium	150-1	116406	119242	118197	117948	1.22	cps
Neodymium	150-2	64326	63817	63730	63957	0.50	cps
Nickel	60-2	40849	40384	40969	40734	0.76	cps
Phosphorus	31-2	18047	17774	18314	18045	1.50	cps
Potassium	39-2	2281506	2261598	2247480	2263528	0.76	cps
Rhodium	103-1	9536216	9512039	9653733	9567329	0.79	cps
Rhodium	103-2	5204233	5135088	5175670	5171664	0.67	cps
Scandium	45-1	5533470	5580613	5585994	5566692	0.52	cps
Scandium	45-2	438225	434838	435977	436347	0.39	cps
Selenium	82-1	797	783	814	798	1.95	cps
Selenium	77-2	137	160	133	143	10.13	cps
Selenium	78-2	260	210	230	233	10.79	cps
Silicon	28-1	9892370	10037943	10165530	10031948	1.36	cps
Silver	107-1	5995	6695	6695	6461	6.26	cps
Silver	109-1	5875	5965	6195	6011	2.75	cps
Sodium	23-2	76646	74971	76127	75915	1.13	cps
Strontium	86-1	155069	160070	159550	158230	1.74	cps
Strontium	88-1	1355884	1381802	1384343	1374010	1.15	cps
Sulfur	34-1	123766	125315	125181	124754	0.69	cps
Terbium	159-1	15055004	15360280	15303969	15239751	1.07	cps
Terbium	159-2	9574092	9590766	9474668	9546508	0.66	cps
Thallium	203-1	2237	2264	2147	2216	2.76	cps
Thallium	205-1	5468	5248	5371	5362	2.06	cps
Tin	118-1	11031	11491	11351	11291	2.09	cps
Titanium	47-1	621752	638788	639357	633299	1.58	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-12	Instrumnet Name :	P7
Client Sample ID :	MYD4N1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:26:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19464	19398	20489	19784	3.09	cps
Vanadium	51-2	255402	253301	254088	254263	0.42	cps
Yttrium	89-1	11957191	12093411	12092481	12047694	0.65	cps
Yttrium	89-2	2728971	2713109	2770737	2737606	1.09	cps
Zinc	66-2	171734	169361	170723	170606	0.70	cps
Zirconium	90-1	118282	121252	122653	120729	1.85	cps
Zirconium	91-1	26544	26878	26995	26806	0.87	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-13	Instrumnet Name :	P7
Client Sample ID :	MYD4N2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:29:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4338627	4294096	4269842	4300855	0.81	cps
Antimony	121-1	12679	12792	12806	12759	0.55	cps
Arsenic	75-2	37447	36899	37039	37129	0.77	cps
Barium	135-1	645879	656405	657111	653132	0.96	cps
Barium	137-1	1118613	1130585	1141056	1130085	0.99	cps
Beryllium	9-1	1440	1470	1410	1440	2.08	cps
Bismuth	209-1	9416930	9170683	9143107	9243573	1.63	cps
Bismuth	209-2	7384993	7157455	7275521	7272656	1.56	cps
Bromine	81-1	8493	8079	8713	8428	3.82	cps
Bromine	81-2	243	237	163	214	20.70	cps
Cadmium	108-1	340	330	353	341	3.43	cps
Cadmium	106-1	3897	3680	3724	3767	3.04	cps
Cadmium	111-1	5091	5110	5097	5100	0.19	cps
Calcium	43-1	367520	371264	371691	370158	0.62	cps
Calcium	44-1	5477129	5528311	5554462	5519968	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101045	100311	98647	100001	1.23	cps
Cobalt	59-2	121977	121937	120233	121382	0.82	cps
Copper	63-2	533725	536244	534257	534742	0.25	cps
Dysprosium	156-1	63138	64735	64028	63967	1.25	cps
Dysprosium	156-2	48717	48537	48313	48522	0.42	cps
Erbium	164-1	53730	54549	55369	54549	1.50	cps
Erbium	164-2	35168	35589	35532	35429	0.64	cps
Gadolinium	160-1	61046	61815	61450	61437	0.63	cps
Gadolinium	160-2	43183	42464	42715	42787	0.85	cps
Holmium	165-1	15315405	15212255	14981859	15169840	1.13	cps
Holmium	165-2	10055770	9858735	9925475	9946660	1.01	cps
Indium	115-1	11350101	11139967	11031881	11173983	1.45	cps
Indium	115-2	3377645	3378871	3382230	3379582	0.07	cps
Iron	56-2	153732294	151238654	151048821	152006590	0.99	cps
Iron	57-2	3754177	3707730	3669579	3710496	1.14	cps
Iron	54-2	8241430	8173929	8116151	8177170	0.77	cps
Krypton	83-1	203	200	137	180	20.87	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-13	Instrumnet Name :	P7
Client Sample ID :	MYD4N2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:29:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	622175	634391	639266	631944	1.39	cps
Lead	207-1	570932	581691	588320	580314	1.51	cps
Lead	208-1	2533392	2581369	2607467	2574076	1.46	cps
Lithium	6-1	2246072	2212816	2218205	2225698	0.80	cps
Magnesium	24-2	3621570	3631668	3616924	3623387	0.21	cps
Manganese	55-2	3179301	3161177	3173033	3171170	0.29	cps
Molybdenum	94-1	25272	25068	25429	25256	0.72	cps
Molybdenum	95-1	4604	4974	4891	4823	4.03	cps
Molybdenum	96-1	11371	11435	11238	11348	0.89	cps
Molybdenum	97-1	3020	2984	3064	3023	1.33	cps
Molybdenum	98-1	7779	7792	7906	7826	0.89	cps
Neodymium	150-1	107119	109158	108436	108238	0.96	cps
Neodymium	150-2	59799	57848	59170	58939	1.69	cps
Nickel	60-2	40856	41203	41156	41072	0.46	cps
Phosphorus	31-2	20297	19426	19970	19897	2.21	cps
Potassium	39-2	1614241	1593450	1599460	1602384	0.67	cps
Rhodium	103-1	10132852	9840745	9792338	9921978	1.86	cps
Rhodium	103-2	5331627	5211637	5276395	5273220	1.14	cps
Scandium	45-1	5793752	5633656	5593015	5673474	1.87	cps
Scandium	45-2	441906	438027	437825	439253	0.52	cps
Selenium	82-1	859	844	798	834	3.79	cps
Selenium	77-2	110	153	160	141	19.24	cps
Selenium	78-2	233	243	220	232	5.04	cps
Silicon	28-1	12614565	12807906	12953691	12792054	1.33	cps
Silver	107-1	6638	6582	6588	6603	0.47	cps
Silver	109-1	6328	6565	6602	6498	2.28	cps
Sodium	23-2	71672	70986	71696	71451	0.56	cps
Strontium	86-1	119305	120548	119429	119761	0.57	cps
Strontium	88-1	1027422	1047794	1051001	1042072	1.23	cps
Sulfur	34-1	156916	159391	159620	158642	0.95	cps
Terbium	159-1	15749566	15471196	15353727	15524830	1.31	cps
Terbium	159-2	9752285	9629822	9645895	9676001	0.69	cps
Thallium	203-1	2157	2100	2134	2130	1.34	cps
Thallium	205-1	4881	4884	5131	4965	2.89	cps
Tin	118-1	9450	9770	9657	9626	1.69	cps
Titanium	47-1	486139	496656	498613	493803	1.36	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-13	Instrumnet Name :	P7
Client Sample ID :	MYD4N2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:29:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17432	18062	18406	17967	2.75	cps
Vanadium	51-2	246840	245274	245464	245859	0.35	cps
Yttrium	89-1	12612238	12386569	12230429	12409745	1.55	cps
Yttrium	89-2	2775155	2726330	2733275	2744920	0.96	cps
Zinc	66-2	187139	185492	184598	185743	0.69	cps
Zirconium	90-1	60798	62148	62141	61696	1.26	cps
Zirconium	91-1	13757	14017	14064	13946	1.19	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-14	Instrumnet Name :	P7
Client Sample ID :	MYD4N3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:32:23	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4560110	4549338	4543864	4551104	0.18	cps
Antimony	121-1	9803	9990	10364	10052	2.84	cps
Arsenic	75-2	25749	25158	25489	25465	1.16	cps
Barium	135-1	581010	594165	591902	589025	1.19	cps
Barium	137-1	1015617	1023242	1028704	1022521	0.64	cps
Beryllium	9-1	1463	1560	1553	1526	3.54	cps
Bismuth	209-1	8934695	9049536	9030223	9004818	0.68	cps
Bismuth	209-2	7261140	7191587	7237997	7230241	0.49	cps
Bromine	81-1	9063	8866	8516	8815	3.14	cps
Bromine	81-2	270	297	360	309	14.97	cps
Cadmium	108-1	210	220	153	194	18.49	cps
Cadmium	106-1	3654	3787	3530	3657	3.51	cps
Cadmium	111-1	2667	2853	2582	2701	5.13	cps
Calcium	43-1	257655	260526	261509	259897	0.77	cps
Calcium	44-1	3884752	3905825	3873149	3887909	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94088	94768	94339	94398	0.36	cps
Cobalt	59-2	152778	151340	151503	151874	0.52	cps
Copper	63-2	325301	325155	323803	324753	0.25	cps
Dysprosium	156-1	61524	63482	61973	62326	1.65	cps
Dysprosium	156-2	46804	47483	47965	47418	1.23	cps
Erbium	164-1	53305	53907	54432	53881	1.05	cps
Erbium	164-2	36073	35699	35458	35743	0.87	cps
Gadolinium	160-1	59254	58548	59265	59022	0.70	cps
Gadolinium	160-2	40104	40321	40111	40179	0.31	cps
Holmium	165-1	14725481	14767134	14819634	14770750	0.32	cps
Holmium	165-2	9881096	9797104	9771770	9816657	0.58	cps
Indium	115-1	10786329	10856087	10787736	10810051	0.37	cps
Indium	115-2	3409614	3320496	3285117	3338409	1.92	cps
Iron	56-2	184003757	183815124	184042864	183953915	0.07	cps
Iron	57-2	4536211	4484750	4548386	4523116	0.75	cps
Iron	54-2	9917857	9927836	9942837	9929510	0.13	cps
Krypton	83-1	170	203	190	188	8.94	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-14	Instrumnet Name :	P7
Client Sample ID :	MYD4N3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:32:23	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	277130	282225	286635	281997	1.69	cps
Lead	207-1	249744	254750	252233	252242	0.99	cps
Lead	208-1	1114607	1133027	1145349	1130994	1.37	cps
Lithium	6-1	2175231	2184210	2155078	2171506	0.69	cps
Magnesium	24-2	3295035	3271325	3311939	3292766	0.62	cps
Manganese	55-2	3115025	3094642	3084040	3097902	0.51	cps
Molybdenum	94-1	29202	28838	29032	29024	0.63	cps
Molybdenum	95-1	4427	4484	4464	4459	0.64	cps
Molybdenum	96-1	12272	12018	12629	12306	2.49	cps
Molybdenum	97-1	2477	2760	2744	2660	5.98	cps
Molybdenum	98-1	6695	7072	6955	6907	2.79	cps
Neodymium	150-1	102334	101512	104057	102634	1.27	cps
Neodymium	150-2	55612	55090	54602	55101	0.92	cps
Nickel	60-2	37991	37507	37797	37765	0.65	cps
Phosphorus	31-2	17947	17547	18071	17855	1.53	cps
Potassium	39-2	2129057	2085516	2134159	2116244	1.26	cps
Rhodium	103-1	9700841	9724228	9627959	9684343	0.52	cps
Rhodium	103-2	5311696	5201022	5175371	5229363	1.39	cps
Scandium	45-1	5485920	5515924	5547988	5516611	0.56	cps
Scandium	45-2	439864	431310	430408	433861	1.20	cps
Selenium	82-1	810	824	813	816	0.94	cps
Selenium	77-2	123	127	107	119	9.01	cps
Selenium	78-2	173	190	243	202	18.08	cps
Silicon	28-1	11827804	11873732	12027890	11909809	0.88	cps
Silver	107-1	2637	2614	2634	2628	0.48	cps
Silver	109-1	2507	2610	2587	2568	2.11	cps
Sodium	23-2	81538	80951	82214	81568	0.77	cps
Strontium	86-1	133273	134759	135536	134523	0.85	cps
Strontium	88-1	1177072	1189777	1190735	1185861	0.64	cps
Sulfur	34-1	118085	118828	118099	118337	0.36	cps
Terbium	159-1	15190969	15266471	15147988	15201809	0.39	cps
Terbium	159-2	9831261	9627306	9578091	9678886	1.39	cps
Thallium	203-1	1857	2190	1950	1999	8.60	cps
Thallium	205-1	4661	4828	4808	4765	1.91	cps
Tin	118-1	8813	9063	8703	8859	2.08	cps
Titanium	47-1	850797	863651	867288	860579	1.01	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-14	Instrumnet Name :	P7
Client Sample ID :	MYD4N3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:32:23	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20396	21254	21204	20951	2.30	cps
Vanadium	51-2	345545	343703	344348	344532	0.27	cps
Yttrium	89-1	12017051	12086416	12128525	12077331	0.47	cps
Yttrium	89-2	2779899	2689488	2710517	2726634	1.74	cps
Zinc	66-2	116503	115693	115035	115744	0.64	cps
Zirconium	90-1	69738	71680	71432	70950	1.49	cps
Zirconium	91-1	15632	15702	16049	15794	1.41	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-15	Instrumnet Name :	P7
Client Sample ID :	MYD4N4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:35:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4787326	4740344	4702990	4743553	0.89	cps
Antimony	121-1	5611	5815	5865	5763	2.33	cps
Arsenic	75-2	14981	15735	15408	15375	2.46	cps
Barium	135-1	507345	511310	515311	511322	0.78	cps
Barium	137-1	877119	887579	895432	886710	1.04	cps
Beryllium	9-1	1553	1510	1507	1523	1.71	cps
Bismuth	209-1	8965393	8900252	8751175	8872273	1.24	cps
Bismuth	209-2	7070731	7164739	7140868	7125446	0.69	cps
Bromine	81-1	7969	7805	8099	7958	1.85	cps
Bromine	81-2	147	173	213	178	18.87	cps
Cadmium	108-1	153	100	167	140	25.20	cps
Cadmium	106-1	3587	3470	3464	3507	1.98	cps
Cadmium	111-1	2056	2006	2115	2059	2.64	cps
Calcium	43-1	994640	1003199	1003278	1000372	0.50	cps
Calcium	44-1	14893002	14983601	14914858	14930487	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98442	97294	96778	97505	0.87	cps
Cobalt	59-2	133968	135058	132518	133848	0.95	cps
Copper	63-2	223290	220976	219623	221297	0.84	cps
Dysprosium	156-1	66794	68221	68871	67962	1.56	cps
Dysprosium	156-2	50233	49945	50557	50245	0.61	cps
Erbium	164-1	56008	58040	57775	57274	1.93	cps
Erbium	164-2	37627	37002	38055	37561	1.41	cps
Gadolinium	160-1	64571	65140	64498	64736	0.54	cps
Gadolinium	160-2	44156	44240	43838	44078	0.48	cps
Holmium	165-1	14644483	14302378	14600676	14515845	1.28	cps
Holmium	165-2	9703601	9799011	9720033	9740882	0.52	cps
Indium	115-1	10655843	10490658	10567629	10571377	0.78	cps
Indium	115-2	3275842	3299444	3292353	3289213	0.37	cps
Iron	56-2	165960684	165285064	165582674	165609474	0.20	cps
Iron	57-2	4107534	4111536	4106077	4108382	0.07	cps
Iron	54-2	8970102	9018327	8906207	8964879	0.63	cps
Krypton	83-1	173	183	110	156	25.57	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-15	Instrumnet Name :	P7
Client Sample ID :	MYD4N4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:35:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	148990	152535	150857	150794	1.18	cps
Lead	207-1	127340	130267	128985	128864	1.14	cps
Lead	208-1	580283	593516	588261	587354	1.13	cps
Lithium	6-1	2132365	2077070	2144943	2118126	1.70	cps
Magnesium	24-2	3927076	3879904	3896535	3901172	0.61	cps
Manganese	55-2	3186884	3173435	3200845	3187055	0.43	cps
Molybdenum	94-1	37895	37895	37531	37774	0.56	cps
Molybdenum	95-1	3477	3447	3654	3526	3.17	cps
Molybdenum	96-1	12602	12679	12852	12711	1.01	cps
Molybdenum	97-1	2147	2277	2080	2168	4.61	cps
Molybdenum	98-1	5558	5571	5554	5561	0.16	cps
Neodymium	150-1	110878	112548	113435	112287	1.16	cps
Neodymium	150-2	61001	60629	60161	60597	0.69	cps
Nickel	60-2	39081	37336	38817	38411	2.45	cps
Phosphorus	31-2	17347	17584	17327	17419	0.82	cps
Potassium	39-2	1435071	1431075	1432617	1432921	0.14	cps
Rhodium	103-1	9429016	9280357	9227319	9312231	1.12	cps
Rhodium	103-2	5069014	5111455	5156528	5112332	0.86	cps
Scandium	45-1	5450213	5367082	5340245	5385846	1.06	cps
Scandium	45-2	420617	423026	428011	423885	0.89	cps
Selenium	82-1	755	797	680	744	7.93	cps
Selenium	77-2	143	103	127	124	16.15	cps
Selenium	78-2	227	230	177	211	14.15	cps
Silicon	28-1	13050121	13113368	13062813	13075434	0.26	cps
Silver	107-1	987	1047	1117	1050	6.20	cps
Silver	109-1	847	910	1053	937	11.30	cps
Sodium	23-2	75306	75122	76164	75531	0.74	cps
Strontium	86-1	150823	153830	152884	152512	1.01	cps
Strontium	88-1	1327791	1338545	1344408	1336915	0.63	cps
Sulfur	34-1	116396	116980	118283	117220	0.82	cps
Terbium	159-1	15063078	14895813	14964875	14974589	0.56	cps
Terbium	159-2	9429753	9440475	9561943	9477390	0.77	cps
Thallium	203-1	1613	1530	1573	1572	2.65	cps
Thallium	205-1	3991	4081	3901	3991	2.26	cps
Tin	118-1	7665	7782	7839	7762	1.14	cps
Titanium	47-1	593296	600426	600306	598009	0.68	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-15	Instrumnet Name :	P7
Client Sample ID :	MYD4N4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:35:34	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16801	17091	16670	16854	1.28	cps
Vanadium	51-2	276207	277671	277361	277080	0.28	cps
Yttrium	89-1	11931613	11720176	11836491	11829426	0.90	cps
Yttrium	89-2	2654259	2648195	2702317	2668257	1.11	cps
Zinc	66-2	76143	75322	76397	75954	0.74	cps
Zirconium	90-1	94967	95719	96873	95853	1.00	cps
Zirconium	91-1	21452	21336	21780	21523	1.07	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-16	Instrumnet Name :	P7
Client Sample ID :	MYD4N5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:38:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4823087	4833491	4826737	4827772	0.11	cps
Antimony	121-1	4491	4667	4717	4625	2.58	cps
Arsenic	75-2	13683	13083	13139	13302	2.49	cps
Barium	135-1	477441	484816	487265	483174	1.06	cps
Barium	137-1	826450	841209	847424	838361	1.29	cps
Beryllium	9-1	1483	1440	1513	1479	2.49	cps
Bismuth	209-1	8842519	8731820	8841250	8805196	0.72	cps
Bismuth	209-2	6897679	6891977	7167673	6985777	2.26	cps
Bromine	81-1	7445	7365	7269	7360	1.20	cps
Bromine	81-2	147	110	97	118	21.98	cps
Cadmium	108-1	150	133	203	162	22.54	cps
Cadmium	106-1	3284	3350	3294	3309	1.09	cps
Cadmium	111-1	1861	1819	1854	1844	1.21	cps
Calcium	43-1	1295644	1297903	1304883	1299476	0.37	cps
Calcium	44-1	20862012	21130591	21197293	21063299	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105848	106825	106110	106261	0.48	cps
Cobalt	59-2	133131	133298	132283	132904	0.41	cps
Copper	63-2	176587	175373	175796	175919	0.35	cps
Dysprosium	156-1	62940	62438	64062	63147	1.32	cps
Dysprosium	156-2	47804	46607	47564	47325	1.34	cps
Erbium	164-1	53492	54215	54064	53923	0.71	cps
Erbium	164-2	34997	35786	34934	35239	1.35	cps
Gadolinium	160-1	58957	59308	59790	59352	0.70	cps
Gadolinium	160-2	41364	41468	40696	41176	1.02	cps
Holmium	165-1	14445407	14608034	14349826	14467756	0.90	cps
Holmium	165-2	9510016	9353775	9848308	9570700	2.64	cps
Indium	115-1	10425565	10483754	10441995	10450438	0.29	cps
Indium	115-2	3184741	3177333	3294216	3218764	2.03	cps
Iron	56-2	157772531	156418888	156613178	156934865	0.47	cps
Iron	57-2	3896860	3870056	3867756	3878224	0.42	cps
Iron	54-2	8466993	8423484	8394488	8428321	0.43	cps
Krypton	83-1	160	133	127	140	12.60	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-16	Instrumnet Name :	P7
Client Sample ID :	MYD4N5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:38:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	104038	104806	106808	105218	1.36	cps
Lead	207-1	84665	86751	86912	86109	1.46	cps
Lead	208-1	394037	399289	401336	398220	0.95	cps
Lithium	6-1	2096858	2091212	2104240	2097437	0.31	cps
Magnesium	24-2	4019091	4076049	4038572	4044570	0.72	cps
Manganese	55-2	3053875	3069522	2995310	3039569	1.29	cps
Molybdenum	94-1	46788	47015	48400	47401	1.84	cps
Molybdenum	95-1	3560	3717	3797	3692	3.26	cps
Molybdenum	96-1	13486	14471	14060	14006	3.53	cps
Molybdenum	97-1	2154	2324	2310	2262	4.18	cps
Molybdenum	98-1	5888	5828	5788	5835	0.86	cps
Neodymium	150-1	103694	104856	106482	105011	1.33	cps
Neodymium	150-2	55820	56556	55820	56065	0.76	cps
Nickel	60-2	40688	39923	40037	40216	1.03	cps
Phosphorus	31-2	13613	13503	13266	13460	1.32	cps
Potassium	39-2	1043143	1041367	1038188	1040899	0.24	cps
Rhodium	103-1	9129085	9236179	9103030	9156098	0.77	cps
Rhodium	103-2	4943602	4888791	5071716	4968036	1.89	cps
Scandium	45-1	5271926	5331388	5253765	5285693	0.77	cps
Scandium	45-2	411929	407298	425664	414964	2.30	cps
Selenium	82-1	700	701	665	689	2.97	cps
Selenium	77-2	147	117	90	118	24.07	cps
Selenium	78-2	153	220	200	191	17.90	cps
Silicon	28-1	11952871	11869586	11955871	11926109	0.41	cps
Silver	107-1	640	640	693	658	4.68	cps
Silver	109-1	463	527	593	528	12.32	cps
Sodium	23-2	117268	118038	118031	117779	0.38	cps
Strontium	86-1	158122	159600	161298	159673	1.00	cps
Strontium	88-1	1391697	1405683	1410959	1402779	0.71	cps
Sulfur	34-1	113034	112500	114243	113259	0.79	cps
Terbium	159-1	14660349	14894329	14777442	14777374	0.79	cps
Terbium	159-2	9296680	9274711	9618988	9396793	2.05	cps
Thallium	203-1	1500	1580	1723	1601	7.07	cps
Thallium	205-1	4031	3924	3827	3927	2.59	cps
Tin	118-1	7122	7529	7245	7299	2.86	cps
Titanium	47-1	598188	603244	607115	602849	0.74	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-16	Instrumnet Name :	P7
Client Sample ID :	MYD4N5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:38:46	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18283	18997	18553	18611	1.94	cps
Vanadium	51-2	267788	269006	265140	267312	0.74	cps
Yttrium	89-1	11455252	11600014	11528986	11528084	0.63	cps
Yttrium	89-2	2604929	2559430	2638707	2601022	1.53	cps
Zinc	66-2	60706	59675	60432	60271	0.89	cps
Zirconium	90-1	122146	122563	122778	122495	0.26	cps
Zirconium	91-1	27108	26982	27269	27120	0.53	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-17	Instrumnet Name :	P7
Client Sample ID :	MYD4N6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:41:57	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4446944	4422037	4506360	4458447	0.97	cps
Antimony	121-1	16523	17364	17464	17117	3.02	cps
Arsenic	75-2	35155	35963	36478	35866	1.86	cps
Barium	135-1	519851	529596	529291	526246	1.05	cps
Barium	137-1	900005	923312	916439	913252	1.31	cps
Beryllium	9-1	1453	1657	1533	1548	6.62	cps
Bismuth	209-1	8892884	8953301	8981439	8942542	0.51	cps
Bismuth	209-2	7694238	7294336	7274106	7420893	3.19	cps
Bromine	81-1	8599	8292	8392	8428	1.86	cps
Bromine	81-2	290	240	277	269	9.63	cps
Cadmium	108-1	377	460	343	393	15.28	cps
Cadmium	106-1	3570	3647	3607	3608	1.06	cps
Cadmium	111-1	5250	5448	5176	5291	2.66	cps
Calcium	43-1	276112	280365	282334	279604	1.14	cps
Calcium	44-1	4143133	4215023	4206229	4188128	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96050	97013	96257	96440	0.53	cps
Cobalt	59-2	133049	133352	133898	133433	0.32	cps
Copper	63-2	521828	521180	522889	521966	0.17	cps
Dysprosium	156-1	63191	64738	63945	63958	1.21	cps
Dysprosium	156-2	48192	47918	47731	47947	0.48	cps
Erbium	164-1	53780	54111	55634	54508	1.81	cps
Erbium	164-2	36397	36544	36270	36404	0.38	cps
Gadolinium	160-1	60159	60962	61896	61005	1.43	cps
Gadolinium	160-2	41959	41231	42030	41740	1.06	cps
Holmium	165-1	14390506	14523813	14782308	14565542	1.37	cps
Holmium	165-2	10545232	9782140	9743137	10023503	4.51	cps
Indium	115-1	10620295	10741704	10618501	10660167	0.66	cps
Indium	115-2	3546801	3340198	3308272	3398424	3.81	cps
Iron	56-2	180786017	180527917	182360977	181224971	0.55	cps
Iron	57-2	4450985	4509883	4475811	4478893	0.66	cps
Iron	54-2	9758927	9822091	9818166	9799728	0.36	cps
Krypton	83-1	173	203	147	174	16.25	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-17	Instrumnet Name :	P7
Client Sample ID :	MYD4N6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:41:57	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	756762	766100	774015	765626	1.13	cps
Lead	207-1	689828	702105	705371	699101	1.17	cps
Lead	208-1	3068456	3109748	3127782	3101995	0.98	cps
Lithium	6-1	2110572	2129279	2076052	2105301	1.28	cps
Magnesium	24-2	3321412	3287643	3338589	3315882	0.78	cps
Manganese	55-2	2992648	2987216	3003761	2994541	0.28	cps
Molybdenum	94-1	35516	35232	35807	35519	0.81	cps
Molybdenum	95-1	5274	5388	5388	5350	1.22	cps
Molybdenum	96-1	13887	14190	13980	14019	1.11	cps
Molybdenum	97-1	3217	3404	3380	3334	3.05	cps
Molybdenum	98-1	8212	8693	8216	8374	3.30	cps
Neodymium	150-1	104963	106878	106495	106112	0.95	cps
Neodymium	150-2	57312	57530	57282	57375	0.24	cps
Nickel	60-2	36986	36187	37233	36802	1.49	cps
Phosphorus	31-2	18898	18735	18999	18877	0.71	cps
Potassium	39-2	2060115	2073935	2060911	2064987	0.38	cps
Rhodium	103-1	9347590	9507775	9427033	9427466	0.85	cps
Rhodium	103-2	5589065	5157686	5083857	5276869	5.17	cps
Scandium	45-1	5368455	5373528	5386589	5376191	0.17	cps
Scandium	45-2	459536	425525	425223	436761	4.52	cps
Selenium	82-1	823	868	771	821	5.87	cps
Selenium	77-2	127	130	90	116	19.21	cps
Selenium	78-2	227	213	260	233	10.30	cps
Silicon	28-1	11095490	11272646	11480399	11282845	1.71	cps
Silver	107-1	6031	6028	5941	6000	0.85	cps
Silver	109-1	5608	5678	5725	5670	1.04	cps
Sodium	23-2	74837	74572	76160	75190	1.13	cps
Strontium	86-1	134652	138948	138857	137486	1.79	cps
Strontium	88-1	1186213	1211756	1211890	1203287	1.23	cps
Sulfur	34-1	123760	120275	121065	121700	1.50	cps
Terbium	159-1	14856831	15030237	14905483	14930850	0.60	cps
Terbium	159-2	10269704	9569191	9450164	9763020	4.54	cps
Thallium	203-1	2434	2360	2407	2400	1.55	cps
Thallium	205-1	5671	5658	5641	5657	0.27	cps
Tin	118-1	10300	10160	10477	10313	1.54	cps
Titanium	47-1	737654	748002	750768	745475	0.93	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-17	Instrumnet Name :	P7
Client Sample ID :	MYD4N6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:41:57	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20766	21494	20967	21076	1.78	cps
Vanadium	51-2	303476	301848	304982	303435	0.52	cps
Yttrium	89-1	11661391	11809446	11804327	11758388	0.71	cps
Yttrium	89-2	2860952	2663029	2657992	2727325	4.24	cps
Zinc	66-2	197585	198618	199162	198455	0.40	cps
Zirconium	90-1	86070	88444	86817	87111	1.39	cps
Zirconium	91-1	19536	19650	19964	19717	1.12	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-18	Instrumnet Name :	P7
Client Sample ID :	MYD4N7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:45:10	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3200557	3135109	3160833	3165500	1.04	cps
Antimony	121-1	17594	17167	17598	17453	1.42	cps
Arsenic	75-2	25646	25993	25529	25722	0.94	cps
Barium	135-1	499913	510225	508879	506339	1.11	cps
Barium	137-1	866264	876633	874389	872428	0.63	cps
Beryllium	9-1	1127	1240	1157	1175	5.00	cps
Bismuth	209-1	8962709	8968577	9074448	9001911	0.70	cps
Bismuth	209-2	7253793	7206425	7128193	7196137	0.88	cps
Bromine	81-1	7889	7679	7879	7815	1.52	cps
Bromine	81-2	183	167	190	180	6.68	cps
Cadmium	108-1	347	283	353	328	11.79	cps
Cadmium	106-1	3607	3484	3504	3532	1.87	cps
Cadmium	111-1	4506	4563	4516	4528	0.68	cps
Calcium	43-1	173761	176281	176904	175649	0.95	cps
Calcium	44-1	2579312	2647514	2661954	2629593	1.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75916	76516	76382	76271	0.41	cps
Cobalt	59-2	111614	111866	110197	111226	0.81	cps
Copper	63-2	603206	602785	600885	602292	0.21	cps
Dysprosium	156-1	54331	54512	54341	54395	0.19	cps
Dysprosium	156-2	41785	42217	42303	42102	0.66	cps
Erbium	164-1	44474	44230	45049	44584	0.94	cps
Erbium	164-2	29501	29297	29411	29403	0.35	cps
Gadolinium	160-1	50320	51641	52531	51498	2.16	cps
Gadolinium	160-2	35034	34693	35231	34986	0.78	cps
Holmium	165-1	14570975	14495696	14489252	14518641	0.31	cps
Holmium	165-2	9747960	9775964	9633087	9719004	0.78	cps
Indium	115-1	10736348	10701037	10603099	10680161	0.65	cps
Indium	115-2	3301512	3288595	3280552	3290220	0.32	cps
Iron	56-2	138329315	137524368	136943228	137598970	0.51	cps
Iron	57-2	3400253	3385778	3377329	3387787	0.34	cps
Iron	54-2	7417342	7395800	7390232	7401124	0.19	cps
Krypton	83-1	140	147	120	136	10.24	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-18	Instrumnet Name :	P7
Client Sample ID :	MYD4N7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:45:10	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	551807	554928	560951	555895	0.84	cps
Lead	207-1	504172	509512	515679	509788	1.13	cps
Lead	208-1	2234317	2259549	2277652	2257172	0.96	cps
Lithium	6-1	2103940	2131829	2135964	2123911	0.82	cps
Magnesium	24-2	2576262	2584473	2568896	2576544	0.30	cps
Manganese	55-2	3039033	3067387	3003900	3036773	1.05	cps
Molybdenum	94-1	24584	24858	25379	24940	1.62	cps
Molybdenum	95-1	4991	5124	5218	5111	2.23	cps
Molybdenum	96-1	11318	11421	11621	11453	1.35	cps
Molybdenum	97-1	3214	3187	3120	3174	1.52	cps
Molybdenum	98-1	7745	7926	7836	7836	1.15	cps
Neodymium	150-1	90917	91500	92752	91723	1.02	cps
Neodymium	150-2	50222	49580	49630	49811	0.72	cps
Nickel	60-2	29132	29703	29399	29411	0.97	cps
Phosphorus	31-2	16232	15608	15595	15812	2.30	cps
Potassium	39-2	1825658	1820691	1843177	1829842	0.65	cps
Rhodium	103-1	9382294	9480879	9471282	9444818	0.58	cps
Rhodium	103-2	5145299	5151563	5139439	5145434	0.12	cps
Scandium	45-1	5328501	5359668	5312091	5333420	0.45	cps
Scandium	45-2	420577	414522	418019	417706	0.73	cps
Selenium	82-1	755	768	706	743	4.35	cps
Selenium	77-2	167	110	87	121	33.97	cps
Selenium	78-2	207	277	190	224	20.49	cps
Silicon	28-1	8915442	9011939	8992021	8973134	0.57	cps
Silver	107-1	6441	6341	6722	6502	3.03	cps
Silver	109-1	6078	6105	6135	6106	0.46	cps
Sodium	23-2	60147	60170	59983	60100	0.17	cps
Strontium	86-1	100466	101990	101409	101288	0.76	cps
Strontium	88-1	875479	886903	895264	885882	1.12	cps
Sulfur	34-1	108941	109814	110576	109777	0.75	cps
Terbium	159-1	14851386	14957495	14888415	14899099	0.36	cps
Terbium	159-2	9549081	9484131	9541138	9524783	0.37	cps
Thallium	203-1	1900	1867	1927	1898	1.58	cps
Thallium	205-1	4314	4537	4464	4439	2.57	cps
Tin	118-1	10497	10487	10707	10564	1.18	cps
Titanium	47-1	513182	520930	522308	518807	0.95	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-18	Instrumnet Name :	P7
Client Sample ID :	MYD4N7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:45:10	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17044	17638	17832	17505	2.34	cps
Vanadium	51-2	212078	211946	212653	212226	0.18	cps
Yttrium	89-1	11747025	11682828	11738336	11722730	0.30	cps
Yttrium	89-2	2676462	2627850	2625486	2643266	1.09	cps
Zinc	66-2	139776	139605	136863	138748	1.18	cps
Zirconium	90-1	57740	59523	59694	58986	1.83	cps
Zirconium	91-1	13026	13493	13349	13289	1.80	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-19	Instrumnet Name :	P7
Client Sample ID :	MYD4N8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:48:21	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3408898	3406134	3414305	3409779	0.12	cps
Antimony	121-1	12409	12486	12512	12469	0.43	cps
Arsenic	75-2	22521	23088	22721	22776	1.26	cps
Barium	135-1	592257	604717	603751	600241	1.15	cps
Barium	137-1	1027327	1047735	1050651	1041904	1.22	cps
Beryllium	9-1	1393	1443	1453	1430	2.25	cps
Bismuth	209-1	8943124	8916298	8635377	8831600	1.93	cps
Bismuth	209-2	7036933	7107443	7084717	7076364	0.51	cps
Bromine	81-1	7916	8032	8032	7993	0.84	cps
Bromine	81-2	183	183	170	179	4.31	cps
Cadmium	108-1	360	313	297	323	10.15	cps
Cadmium	106-1	3681	3470	3684	3612	3.38	cps
Cadmium	111-1	4578	4783	4530	4630	2.90	cps
Calcium	43-1	180502	185430	186409	184114	1.72	cps
Calcium	44-1	2780392	2792441	2785431	2786088	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84907	85748	85135	85264	0.51	cps
Cobalt	59-2	131910	133329	132373	132537	0.55	cps
Copper	63-2	458220	455602	458040	457287	0.32	cps
Dysprosium	156-1	64956	66105	67501	66187	1.93	cps
Dysprosium	156-2	50380	50390	50754	50508	0.42	cps
Erbium	164-1	54807	54817	54656	54760	0.16	cps
Erbium	164-2	35535	35742	35786	35688	0.38	cps
Gadolinium	160-1	60985	61484	62492	61654	1.24	cps
Gadolinium	160-2	43026	42638	42906	42857	0.46	cps
Holmium	165-1	14535899	14467749	13862519	14288722	2.59	cps
Holmium	165-2	9470765	9632343	9524694	9542601	0.86	cps
Indium	115-1	10646487	10636946	10195569	10493001	2.46	cps
Indium	115-2	3168758	3280359	3227963	3225693	1.73	cps
Iron	56-2	151829658	150134954	149457261	150473958	0.81	cps
Iron	57-2	3714769	3653709	3705936	3691471	0.89	cps
Iron	54-2	8098473	8095507	8043204	8079061	0.38	cps
Krypton	83-1	163	140	197	167	17.09	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-19	Instrumnet Name :	P7
Client Sample ID :	MYD4N8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:48:21	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	430543	436958	441901	436467	1.30	cps
Lead	207-1	386246	388843	394739	389943	1.12	cps
Lead	208-1	1730053	1752220	1767443	1749905	1.07	cps
Lithium	6-1	2116551	2098594	2035028	2083391	2.06	cps
Magnesium	24-2	2408810	2413365	2373428	2398534	0.91	cps
Manganese	55-2	3314755	3280830	3215827	3270471	1.54	cps
Molybdenum	94-1	25953	25679	26554	26062	1.72	cps
Molybdenum	95-1	4491	4671	4744	4635	2.81	cps
Molybdenum	96-1	11071	11268	11198	11179	0.89	cps
Molybdenum	97-1	2684	2837	2930	2817	4.42	cps
Molybdenum	98-1	7259	7105	7082	7148	1.34	cps
Neodymium	150-1	110428	112672	112675	111925	1.16	cps
Neodymium	150-2	60532	61001	60757	60763	0.39	cps
Nickel	60-2	33641	33320	33845	33602	0.79	cps
Phosphorus	31-2	13993	14000	13863	13952	0.55	cps
Potassium	39-2	1903995	1888851	1855622	1882822	1.31	cps
Rhodium	103-1	9356012	9380733	9005655	9247466	2.27	cps
Rhodium	103-2	4965428	5015975	5002044	4994482	0.52	cps
Scandium	45-1	5358141	5331500	5142311	5277317	2.23	cps
Scandium	45-2	408179	413528	407455	409721	0.81	cps
Selenium	82-1	855	760	776	797	6.38	cps
Selenium	77-2	137	137	123	132	5.82	cps
Selenium	78-2	217	190	210	206	6.75	cps
Silicon	28-1	9184401	9301136	9310989	9265509	0.76	cps
Silver	107-1	3941	4091	4381	4137	5.41	cps
Silver	109-1	3570	3761	4017	3783	5.93	cps
Sodium	23-2	68652	69399	68160	68737	0.91	cps
Strontium	86-1	127143	129496	130165	128935	1.23	cps
Strontium	88-1	1121997	1129072	1137020	1129363	0.67	cps
Sulfur	34-1	103081	103504	103967	103517	0.43	cps
Terbium	159-1	14971014	14981454	14299286	14750585	2.65	cps
Terbium	159-2	9263464	9488487	9267745	9339899	1.38	cps
Thallium	203-1	2194	1890	2104	2062	7.55	cps
Thallium	205-1	4944	4868	4944	4919	0.90	cps
Tin	118-1	10307	10881	10577	10588	2.71	cps
Titanium	47-1	884644	899157	900251	894684	0.97	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-19	Instrumnet Name :	P7
Client Sample ID :	MYD4N8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:48:21	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24262	25070	24262	24532	1.90	cps
Vanadium	51-2	276037	274659	272224	274307	0.70	cps
Yttrium	89-1	11785906	11674921	11271366	11577398	2.34	cps
Yttrium	89-2	2592996	2599875	2584861	2592578	0.29	cps
Zinc	66-2	112670	110774	111687	111710	0.85	cps
Zirconium	90-1	62639	64457	64548	63882	1.69	cps
Zirconium	91-1	14244	14714	14841	14600	2.16	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-20	Instrumnet Name :	P7
Client Sample ID :	MYD4P0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:51:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4740235	4719522	4664519	4708092	0.83	cps
Antimony	121-1	6712	6728	6642	6694	0.69	cps
Arsenic	75-2	14557	14224	14474	14418	1.20	cps
Barium	135-1	693434	700954	706029	700139	0.91	cps
Barium	137-1	1202255	1215083	1226807	1214715	1.01	cps
Beryllium	9-1	1477	1677	1573	1576	6.35	cps
Bismuth	209-1	8811197	9064354	8961085	8945545	1.42	cps
Bismuth	209-2	7057453	7099639	7053915	7070336	0.36	cps
Bromine	81-1	8609	8863	8446	8639	2.43	cps
Bromine	81-2	283	330	387	333	15.52	cps
Cadmium	108-1	193	143	170	169	14.81	cps
Cadmium	106-1	3337	3617	3417	3457	4.17	cps
Cadmium	111-1	2368	2470	2203	2347	5.75	cps
Calcium	43-1	245128	248078	250202	247803	1.03	cps
Calcium	44-1	3619307	3716848	3705028	3680394	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91569	90737	90308	90871	0.71	cps
Cobalt	59-2	138280	139730	139349	139120	0.54	cps
Copper	63-2	257566	259733	256135	257811	0.70	cps
Dysprosium	156-1	56918	59251	59000	58390	2.19	cps
Dysprosium	156-2	43210	44343	43935	43829	1.31	cps
Erbium	164-1	51056	52107	52184	51782	1.22	cps
Erbium	164-2	34315	33751	34984	34350	1.80	cps
Gadolinium	160-1	54479	54670	55523	54890	1.01	cps
Gadolinium	160-2	39211	38005	38576	38598	1.56	cps
Holmium	165-1	14369270	14494514	14508067	14457284	0.53	cps
Holmium	165-2	9695651	9478733	9619933	9598106	1.15	cps
Indium	115-1	10513459	10507180	10612513	10544384	0.56	cps
Indium	115-2	3236887	3202229	3209474	3216197	0.57	cps
Iron	56-2	165505914	165946604	166138314	165863611	0.20	cps
Iron	57-2	4101170	4072940	4072082	4082064	0.41	cps
Iron	54-2	8954341	8998353	8894615	8949103	0.58	cps
Krypton	83-1	167	183	183	178	5.41	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-20	Instrumnet Name :	P7
Client Sample ID :	MYD4P0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:51:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	233848	236134	237998	235993	0.88	cps
Lead	207-1	201943	209713	210066	207241	2.22	cps
Lead	208-1	920303	943643	946492	936813	1.53	cps
Lithium	6-1	2099076	2131957	2121801	2117611	0.80	cps
Magnesium	24-2	3181770	3226157	3179909	3195945	0.82	cps
Manganese	55-2	3686900	3720237	3723379	3710172	0.54	cps
Molybdenum	94-1	31888	32563	32626	32359	1.26	cps
Molybdenum	95-1	3540	3544	3510	3532	0.52	cps
Molybdenum	96-1	11595	11578	11882	11685	1.46	cps
Molybdenum	97-1	2254	2147	2264	2221	2.91	cps
Molybdenum	98-1	5258	5488	5444	5397	2.27	cps
Neodymium	150-1	90927	92041	92819	91929	1.03	cps
Neodymium	150-2	50232	49704	49430	49789	0.82	cps
Nickel	60-2	34780	34082	33564	34142	1.79	cps
Phosphorus	31-2	12162	12045	12198	12135	0.66	cps
Potassium	39-2	2454699	2451946	2449422	2452022	0.11	cps
Rhodium	103-1	9312868	9303885	9352818	9323191	0.28	cps
Rhodium	103-2	5019221	5039784	4984657	5014554	0.56	cps
Scandium	45-1	5205248	5289710	5338956	5277971	1.28	cps
Scandium	45-2	409311	410367	411556	410411	0.27	cps
Selenium	82-1	709	748	781	746	4.85	cps
Selenium	77-2	127	163	120	137	17.08	cps
Selenium	78-2	193	217	223	211	7.46	cps
Silicon	28-1	11217732	11400926	11451135	11356597	1.08	cps
Silver	107-1	2214	2397	2300	2304	3.98	cps
Silver	109-1	2204	2003	2050	2086	5.02	cps
Sodium	23-2	73484	72580	73451	73172	0.70	cps
Strontium	86-1	158843	161828	163203	161291	1.38	cps
Strontium	88-1	1399175	1418822	1425037	1414345	0.95	cps
Sulfur	34-1	108505	107803	109065	108458	0.58	cps
Terbium	159-1	14731589	14831595	14958077	14840420	0.76	cps
Terbium	159-2	9387017	9335286	9431593	9384632	0.51	cps
Thallium	203-1	1927	2084	2190	2067	6.41	cps
Thallium	205-1	4904	5028	5011	4981	1.34	cps
Tin	118-1	11501	11628	11718	11616	0.94	cps
Titanium	47-1	948856	954989	963970	955938	0.80	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-20	Instrumnet Name :	P7
Client Sample ID :	MYD4P0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:51:33	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21805	22252	22352	22136	1.32	cps
Vanadium	51-2	280047	282447	281000	281165	0.43	cps
Yttrium	89-1	11578576	11695984	11684572	11653044	0.56	cps
Yttrium	89-2	2575439	2585432	2556431	2572434	0.57	cps
Zinc	66-2	88564	89710	88178	88817	0.90	cps
Zirconium	90-1	81126	82225	82724	82025	1.00	cps
Zirconium	91-1	18245	18815	18325	18462	1.67	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-21	Instrumnet Name :	P7
Client Sample ID :	MYD4P1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:54:42	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4839047	4838707	4850663	4842806	0.14	cps
Antimony	121-1	5701	5815	5785	5767	1.02	cps
Arsenic	75-2	17918	18008	18101	18009	0.51	cps
Barium	135-1	506301	507601	509793	507898	0.35	cps
Barium	137-1	872964	879872	884718	879185	0.67	cps
Beryllium	9-1	1477	1513	1487	1492	1.27	cps
Bismuth	209-1	8702871	8771050	8722684	8732202	0.40	cps
Bismuth	209-2	6910687	6896847	6892705	6900080	0.14	cps
Bromine	81-1	7582	7876	7372	7610	3.32	cps
Bromine	81-2	160	193	150	168	13.53	cps
Cadmium	108-1	137	150	210	166	23.59	cps
Cadmium	106-1	3434	3450	3474	3453	0.58	cps
Cadmium	111-1	1992	2008	2042	2014	1.26	cps
Calcium	43-1	1163953	1167410	1171948	1167770	0.34	cps
Calcium	44-1	17571922	17537355	17571260	17560179	0.11	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101693	102001	101445	101713	0.27	cps
Cobalt	59-2	136164	137321	135710	136398	0.61	cps
Copper	63-2	205200	204615	204510	204775	0.18	cps
Dysprosium	156-1	65364	65251	65475	65363	0.17	cps
Dysprosium	156-2	48731	49406	48480	48872	0.98	cps
Erbium	164-1	55767	55901	55771	55813	0.14	cps
Erbium	164-2	36300	36381	36758	36480	0.67	cps
Gadolinium	160-1	61688	62244	62545	62159	0.70	cps
Gadolinium	160-2	42514	43340	42936	42930	0.96	cps
Holmium	165-1	14140514	14412314	14227384	14260070	0.97	cps
Holmium	165-2	9357607	9387193	9312638	9352479	0.40	cps
Indium	115-1	10401922	10374720	10342705	10373116	0.29	cps
Indium	115-2	3176191	3142927	3112311	3143810	1.02	cps
Iron	56-2	162181188	161160851	160579271	161307103	0.50	cps
Iron	57-2	4005609	3967611	3969206	3980809	0.54	cps
Iron	54-2	8723940	8752526	8696009	8724158	0.32	cps
Krypton	83-1	183	153	173	170	8.99	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-21	Instrumnet Name :	P7
Client Sample ID :	MYD4P1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:54:42	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	181815	183588	185491	183631	1.00	cps
Lead	207-1	156016	156529	157208	156585	0.38	cps
Lead	208-1	709625	713938	720551	714705	0.77	cps
Lithium	6-1	2074937	2062413	2074348	2070566	0.34	cps
Magnesium	24-2	4013027	4049177	4028773	4030326	0.45	cps
Manganese	55-2	3174735	3190614	3144833	3170061	0.73	cps
Molybdenum	94-1	38902	39156	38848	38968	0.42	cps
Molybdenum	95-1	3784	3590	3914	3763	4.33	cps
Molybdenum	96-1	12759	12889	12656	12768	0.92	cps
Molybdenum	97-1	2227	2344	2260	2277	2.64	cps
Molybdenum	98-1	5778	5688	6118	5861	3.87	cps
Neodymium	150-1	108432	109763	110717	109637	1.05	cps
Neodymium	150-2	58424	58504	58307	58411	0.17	cps
Nickel	60-2	39729	39468	38205	39134	2.08	cps
Phosphorus	31-2	15885	15898	15471	15752	1.54	cps
Potassium	39-2	1234661	1220298	1212743	1222567	0.91	cps
Rhodium	103-1	9128874	9051764	9022007	9067548	0.61	cps
Rhodium	103-2	4852666	4872369	4855087	4860041	0.22	cps
Scandium	45-1	5232828	5185755	5219822	5212802	0.47	cps
Scandium	45-2	403019	400768	402405	402064	0.29	cps
Selenium	82-1	739	697	747	728	3.74	cps
Selenium	77-2	123	140	123	129	7.46	cps
Selenium	78-2	200	163	250	204	21.28	cps
Silicon	28-1	11324654	11245915	11403113	11324561	0.69	cps
Silver	107-1	977	1043	1023	1014	3.37	cps
Silver	109-1	833	850	897	860	3.82	cps
Sodium	23-2	73692	73956	74121	73923	0.29	cps
Strontium	86-1	157111	156807	158064	157327	0.42	cps
Strontium	88-1	1365670	1371589	1378256	1371838	0.46	cps
Sulfur	34-1	120793	122029	121052	121291	0.54	cps
Terbium	159-1	14826281	14647825	14552982	14675696	0.95	cps
Terbium	159-2	9220953	9138240	9104498	9154564	0.65	cps
Thallium	203-1	1897	1763	1723	1795	5.06	cps
Thallium	205-1	4044	3977	3997	4006	0.85	cps
Tin	118-1	7759	7962	8049	7923	1.88	cps
Titanium	47-1	507634	512787	509405	509942	0.51	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-21	Instrumnet Name :	P7
Client Sample ID :	MYD4P1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:54:42	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18279	17735	17935	17983	1.53	cps
Vanadium	51-2	269967	265768	266307	267347	0.85	cps
Yttrium	89-1	11551043	11545989	11489242	11528758	0.30	cps
Yttrium	89-2	2544188	2546878	2554263	2548443	0.20	cps
Zinc	66-2	85174	84909	85124	85069	0.17	cps
Zirconium	90-1	98329	98846	99682	98952	0.69	cps
Zirconium	91-1	22220	22020	22564	22268	1.24	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-22	Instrumnet Name :	P7
Client Sample ID :	MYD4P2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:57:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3939388	4012380	3942629	3964799	1.04	cps
Antimony	121-1	9396	9120	9160	9225	1.62	cps
Arsenic	75-2	21893	22187	21552	21877	1.45	cps
Barium	135-1	619469	624543	629745	624585	0.82	cps
Barium	137-1	1068915	1089942	1096640	1085166	1.33	cps
Beryllium	9-1	1683	1683	1523	1630	5.67	cps
Bismuth	209-1	8826993	8992157	8939461	8919537	0.95	cps
Bismuth	209-2	7060617	6194130	6727479	6660742	6.56	cps
Bromine	81-1	7805	8202	8006	8004	2.48	cps
Bromine	81-2	263	223	217	234	10.77	cps
Cadmium	108-1	263	247	243	251	4.27	cps
Cadmium	106-1	3347	3590	3327	3422	4.29	cps
Cadmium	111-1	3093	2993	3161	3082	2.75	cps
Calcium	43-1	194067	197209	196433	195903	0.84	cps
Calcium	44-1	2892333	2970990	2980162	2947828	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94624	94145	93974	94248	0.36	cps
Cobalt	59-2	131143	129873	131809	130942	0.75	cps
Copper	63-2	289728	294933	291584	292082	0.90	cps
Dysprosium	156-1	66446	66958	68188	67197	1.33	cps
Dysprosium	156-2	51795	51012	51598	51468	0.79	cps
Erbium	164-1	55048	55878	55928	55618	0.89	cps
Erbium	164-2	37176	37701	36377	37085	1.80	cps
Gadolinium	160-1	62448	63362	63935	63249	1.19	cps
Gadolinium	160-2	44256	43444	43668	43789	0.96	cps
Holmium	165-1	14309984	14374398	14352914	14345765	0.23	cps
Holmium	165-2	9644868	8416562	8777024	8946151	7.06	cps
Indium	115-1	10410720	10498231	10431535	10446829	0.44	cps
Indium	115-2	3230209	2838743	3026396	3031783	6.46	cps
Iron	56-2	157518938	159139318	158107001	158255085	0.52	cps
Iron	57-2	3883550	3895664	3916764	3898659	0.43	cps
Iron	54-2	8450304	8583296	8548124	8527241	0.81	cps
Krypton	83-1	143	150	187	160	14.58	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-22	Instrumnet Name :	P7
Client Sample ID :	MYD4P2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:57:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	313307	317022	321971	317434	1.37	cps
Lead	207-1	280661	288147	285451	284753	1.33	cps
Lead	208-1	1256434	1281467	1285654	1274518	1.24	cps
Lithium	6-1	2048570	2131015	2127361	2102315	2.22	cps
Magnesium	24-2	2512641	2530625	2479146	2507471	1.04	cps
Manganese	55-2	2940692	2990977	2921082	2950917	1.22	cps
Molybdenum	94-1	31173	32005	32219	31799	1.74	cps
Molybdenum	95-1	4047	4124	4017	4063	1.35	cps
Molybdenum	96-1	11685	12122	12195	12001	2.30	cps
Molybdenum	97-1	2537	2604	2554	2565	1.35	cps
Molybdenum	98-1	6318	6538	6155	6337	3.04	cps
Neodymium	150-1	111470	114547	112571	112863	1.38	cps
Neodymium	150-2	60764	61714	61095	61191	0.79	cps
Nickel	60-2	36187	35763	35311	35754	1.22	cps
Phosphorus	31-2	13619	13573	14167	13786	2.40	cps
Potassium	39-2	2023700	2011390	2026561	2020550	0.40	cps
Rhodium	103-1	9237705	9338870	9321974	9299517	0.58	cps
Rhodium	103-2	4991798	4400251	4675339	4689129	6.31	cps
Scandium	45-1	5261346	5242399	5264962	5256236	0.23	cps
Scandium	45-2	407032	364817	381281	384376	5.54	cps
Selenium	82-1	757	728	787	757	3.89	cps
Selenium	77-2	133	113	147	131	12.80	cps
Selenium	78-2	197	223	170	197	13.56	cps
Silicon	28-1	10697676	10896764	10895097	10829846	1.06	cps
Silver	107-1	2937	2940	3017	2965	1.53	cps
Silver	109-1	2630	2627	2807	2688	3.83	cps
Sodium	23-2	67607	68096	67175	67626	0.68	cps
Strontium	86-1	135197	138850	139035	137694	1.57	cps
Strontium	88-1	1185695	1206958	1213111	1201921	1.20	cps
Sulfur	34-1	108361	106504	105038	106634	1.56	cps
Terbium	159-1	14754666	15102022	14759999	14872229	1.34	cps
Terbium	159-2	9315232	8217792	8588449	8707158	6.41	cps
Thallium	203-1	2090	1980	2100	2057	3.24	cps
Thallium	205-1	4674	4954	4898	4842	3.06	cps
Tin	118-1	8653	9286	9096	9012	3.61	cps
Titanium	47-1	774579	789373	793373	785775	1.26	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-22	Instrumnet Name :	P7
Client Sample ID :	MYD4P2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 14:57:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	25555	26309	26670	26178	2.17	cps
Vanadium	51-2	280865	285642	280686	282398	1.00	cps
Yttrium	89-1	11595841	11591504	11557825	11581723	0.18	cps
Yttrium	89-2	2593795	2321079	2423928	2446267	5.63	cps
Zinc	66-2	99384	98646	100045	99358	0.70	cps
Zirconium	90-1	78756	79302	79769	79276	0.64	cps
Zirconium	91-1	17617	17627	18035	17760	1.34	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:01:11	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3519368	3583972	3508650	3537330	1.15	cps
Antimony	121-1	15659	16513	16503	16225	3.02	cps
Arsenic	75-2	41996	41441	40712	41383	1.56	cps
Barium	135-1	463749	469441	469080	467423	0.68	cps
Barium	137-1	800621	809065	815679	808455	0.93	cps
Beryllium	9-1	1543	1667	1593	1601	3.87	cps
Bismuth	209-1	8878961	8893113	8933676	8901917	0.32	cps
Bismuth	209-2	7093354	6958409	7024216	7025326	0.96	cps
Bromine	81-1	7829	7772	8082	7894	2.09	cps
Bromine	81-2	223	207	230	220	5.46	cps
Cadmium	108-1	310	350	317	326	6.58	cps
Cadmium	106-1	3537	3520	3574	3544	0.77	cps
Cadmium	111-1	4503	4685	4675	4621	2.21	cps
Calcium	43-1	174214	176017	178644	176292	1.26	cps
Calcium	44-1	2659320	2639868	2676691	2658627	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84220	83445	83640	83768	0.48	cps
Cobalt	59-2	142037	142075	139558	141223	1.02	cps
Copper	63-2	430340	431283	430603	430742	0.11	cps
Dysprosium	156-1	54314	56329	56239	55627	2.05	cps
Dysprosium	156-2	42003	42049	42404	42152	0.52	cps
Erbium	164-1	47755	48179	48096	48010	0.47	cps
Erbium	164-2	32053	31953	31001	31669	1.83	cps
Gadolinium	160-1	52223	52431	52505	52386	0.28	cps
Gadolinium	160-2	36324	36962	36210	36499	1.11	cps
Holmium	165-1	14254396	14448553	14269932	14324294	0.75	cps
Holmium	165-2	9575955	9496462	9453704	9508707	0.65	cps
Indium	115-1	10460624	10510508	10519284	10496805	0.30	cps
Indium	115-2	3224209	3192147	3216872	3211076	0.52	cps
Iron	56-2	174624664	175545104	175272531	175147433	0.27	cps
Iron	57-2	4297185	4268480	4250569	4272078	0.55	cps
Iron	54-2	9484149	9394575	9381431	9420052	0.59	cps
Krypton	83-1	193	150	127	157	21.59	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:01:11	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	587894	594886	595370	592716	0.71	cps
Lead	207-1	532917	546089	548627	542545	1.55	cps
Lead	208-1	2382617	2413282	2425487	2407129	0.92	cps
Lithium	6-1	2075741	2063902	2074316	2071320	0.31	cps
Magnesium	24-2	2322053	2304954	2306528	2311178	0.41	cps
Manganese	55-2	2892079	2880192	2894803	2889024	0.27	cps
Molybdenum	94-1	31220	32616	32299	32045	2.28	cps
Molybdenum	95-1	5238	5004	5088	5110	2.31	cps
Molybdenum	96-1	13243	13646	13406	13432	1.51	cps
Molybdenum	97-1	3064	3070	3397	3177	6.00	cps
Molybdenum	98-1	8186	8016	8192	8131	1.23	cps
Neodymium	150-1	90897	94450	92252	92533	1.94	cps
Neodymium	150-2	50681	49530	49058	49756	1.68	cps
Nickel	60-2	28888	29195	29312	29132	0.75	cps
Phosphorus	31-2	15458	15485	15491	15478	0.11	cps
Potassium	39-2	1753044	1763713	1748644	1755134	0.44	cps
Rhodium	103-1	9228600	9192439	9207791	9209610	0.20	cps
Rhodium	103-2	4929127	4961568	4972955	4954550	0.46	cps
Scandium	45-1	5278247	5216473	5262215	5252312	0.61	cps
Scandium	45-2	405977	404282	406413	405557	0.28	cps
Selenium	82-1	842	740	786	789	6.43	cps
Selenium	77-2	87	113	117	106	15.58	cps
Selenium	78-2	223	173	207	201	12.66	cps
Silicon	28-1	11189747	11242369	11383302	11271806	0.89	cps
Silver	107-1	5421	5281	5321	5341	1.35	cps
Silver	109-1	5071	5048	5584	5234	5.80	cps
Sodium	23-2	64042	64166	65147	64452	0.94	cps
Strontium	86-1	123805	126961	126571	125779	1.37	cps
Strontium	88-1	1091775	1112467	1119594	1107945	1.30	cps
Sulfur	34-1	105571	105276	104548	105132	0.50	cps
Terbium	159-1	14694261	14787789	14869637	14783895	0.59	cps
Terbium	159-2	9288118	9382153	9372427	9347566	0.55	cps
Thallium	203-1	2087	2250	2300	2212	5.04	cps
Thallium	205-1	5014	5281	5264	5187	2.88	cps
Tin	118-1	10260	10340	11328	10643	5.59	cps
Titanium	47-1	1067575	1079773	1086643	1077997	0.90	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:01:11	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23287	23651	23360	23433	0.82	cps
Vanadium	51-2	337761	335460	336684	336635	0.34	cps
Yttrium	89-1	11423317	11409737	11478319	11437124	0.32	cps
Yttrium	89-2	2555599	2557441	2534749	2549263	0.49	cps
Zinc	66-2	158244	158161	159730	158712	0.56	cps
Zirconium	90-1	78994	79665	80304	79654	0.82	cps
Zirconium	91-1	18018	17908	18151	18026	0.68	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:04:24	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3622102	3683369	3642665	3649379	0.85	cps
Antimony	121-1	16930	17140	16893	16988	0.78	cps
Arsenic	75-2	41451	41327	41468	41415	0.19	cps
Barium	135-1	478942	483347	486802	483031	0.82	cps
Barium	137-1	825578	834934	837558	832690	0.76	cps
Beryllium	9-1	1687	1597	1727	1670	3.99	cps
Bismuth	209-1	9093449	9206084	9195928	9165154	0.68	cps
Bismuth	209-2	7066652	7213044	7207383	7162359	1.16	cps
Bromine	81-1	7986	8096	8322	8135	2.11	cps
Bromine	81-2	247	243	247	246	0.78	cps
Cadmium	108-1	300	340	367	336	10.00	cps
Cadmium	106-1	3794	3634	3714	3714	2.15	cps
Cadmium	111-1	4869	4774	4778	4807	1.12	cps
Calcium	43-1	180580	182601	183551	182244	0.83	cps
Calcium	44-1	2731547	2739179	2757969	2742898	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87803	86888	87542	87411	0.54	cps
Cobalt	59-2	142301	141166	142869	142112	0.61	cps
Copper	63-2	442738	439004	439780	440507	0.45	cps
Dysprosium	156-1	56774	57708	58525	57669	1.52	cps
Dysprosium	156-2	43360	42828	42527	42905	0.98	cps
Erbium	164-1	49404	49176	50327	49636	1.23	cps
Erbium	164-2	32284	31873	32150	32102	0.65	cps
Gadolinium	160-1	53696	54382	54622	54233	0.89	cps
Gadolinium	160-2	37286	36825	36705	36939	0.83	cps
Holmium	165-1	14867100	14887269	14824475	14859615	0.22	cps
Holmium	165-2	9634002	9721405	9645592	9667000	0.49	cps
Indium	115-1	10725178	10784179	10796169	10768509	0.35	cps
Indium	115-2	3244439	3309213	3252757	3268803	1.08	cps
Iron	56-2	180881971	177323244	177643624	178616280	1.10	cps
Iron	57-2	4400107	4344782	4349228	4364705	0.70	cps
Iron	54-2	9733992	9672547	9614996	9673845	0.62	cps
Krypton	83-1	163	157	163	161	2.39	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:04:24	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	594773	607673	610828	604425	1.41	cps
Lead	207-1	550506	557804	558581	555630	0.80	cps
Lead	208-1	2439764	2475529	2490554	2468616	1.06	cps
Lithium	6-1	2095733	2103126	2092101	2096987	0.27	cps
Magnesium	24-2	2378672	2336276	2347389	2354112	0.93	cps
Manganese	55-2	3038212	2973642	2925478	2979111	1.90	cps
Molybdenum	94-1	33425	33836	33842	33701	0.71	cps
Molybdenum	95-1	5048	5088	5038	5058	0.52	cps
Molybdenum	96-1	13813	13903	13800	13839	0.41	cps
Molybdenum	97-1	3154	3217	3107	3159	1.75	cps
Molybdenum	98-1	8359	8346	8419	8375	0.47	cps
Neodymium	150-1	94148	96034	96054	95412	1.15	cps
Neodymium	150-2	51095	50259	51293	50882	1.08	cps
Nickel	60-2	30197	29947	29833	29992	0.62	cps
Phosphorus	31-2	15878	16219	15645	15914	1.81	cps
Potassium	39-2	1816872	1779957	1773411	1790080	1.31	cps
Rhodium	103-1	9459088	9550270	9543673	9517677	0.53	cps
Rhodium	103-2	5074084	5087331	5116841	5092752	0.43	cps
Scandium	45-1	5358351	5374677	5392867	5375298	0.32	cps
Scandium	45-2	415411	416967	411934	414771	0.62	cps
Selenium	82-1	766	755	718	746	3.40	cps
Selenium	77-2	100	113	117	110	8.02	cps
Selenium	78-2	237	213	190	213	10.94	cps
Silicon	28-1	11601826	11680672	11678712	11653737	0.39	cps
Silver	107-1	5314	5164	5561	5347	3.75	cps
Silver	109-1	5151	5084	5261	5165	1.73	cps
Sodium	23-2	66948	67450	66754	67051	0.54	cps
Strontium	86-1	128790	131561	131359	130570	1.18	cps
Strontium	88-1	1138789	1153403	1152671	1148288	0.72	cps
Sulfur	34-1	106954	107585	107407	107315	0.30	cps
Terbium	159-1	15220523	15236352	15192564	15216480	0.15	cps
Terbium	159-2	9548311	9472020	9502608	9507646	0.40	cps
Thallium	203-1	2057	2120	2207	2128	3.54	cps
Thallium	205-1	5308	5231	5291	5277	0.76	cps
Tin	118-1	11241	10881	11745	11289	3.84	cps
Titanium	47-1	1131660	1143296	1142518	1139158	0.57	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:04:24	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23922	24389	24386	24232	1.11	cps
Vanadium	51-2	349357	344334	342896	345529	0.98	cps
Yttrium	89-1	11676536	11720844	11814189	11737190	0.60	cps
Yttrium	89-2	2580003	2619666	2619177	2606282	0.87	cps
Zinc	66-2	161172	161111	162246	161510	0.40	cps
Zirconium	90-1	82409	84394	84535	83779	1.42	cps
Zirconium	91-1	17874	18929	18722	18508	3.02	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 15:07:34	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	722421	717023	717808	719084	0.41	cps
Antimony	121-1	3454	3077	3287	3273	5.77	cps
Arsenic	75-2	7942	8046	8372	8120	2.77	cps
Barium	135-1	93350	92065	91571	92329	0.99	cps
Barium	137-1	158616	161843	159748	160069	1.02	cps
Beryllium	9-1	373	300	363	346	11.51	cps
Bismuth	209-1	9313474	8957152	8973343	9081323	2.22	cps
Bismuth	209-2	7253502	7150171	7165967	7189880	0.77	cps
Bromine	81-1	7592	7155	7472	7406	3.05	cps
Bromine	81-2	63	60	60	61	3.15	cps
Cadmium	108-1	93	57	73	74	24.66	cps
Cadmium	106-1	2960	2744	2887	2864	3.85	cps
Cadmium	111-1	1183	1061	1144	1129	5.53	cps
Calcium	43-1	34920	35067	36009	35332	1.67	cps
Calcium	44-1	568540	563540	566897	566326	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16639	16623	16633	16631	0.05	cps
Cobalt	59-2	28273	28073	28404	28250	0.59	cps
Copper	63-2	87587	87313	86002	86967	0.97	cps
Dysprosium	156-1	11038	11161	10858	11019	1.39	cps
Dysprosium	156-2	8232	8216	8069	8172	1.10	cps
Erbium	164-1	9737	9657	9383	9592	1.93	cps
Erbium	164-2	6261	6278	6188	6243	0.77	cps
Gadolinium	160-1	10287	10544	10637	10490	1.73	cps
Gadolinium	160-2	7332	7645	7756	7578	2.90	cps
Holmium	165-1	14379182	14384577	14162417	14308725	0.89	cps
Holmium	165-2	9537981	9477494	9481174	9498883	0.36	cps
Indium	115-1	10580763	10676868	10629682	10629104	0.45	cps
Indium	115-2	3295535	3271310	3207599	3258148	1.39	cps
Iron	56-2	34435761	34798809	34483790	34572787	0.57	cps
Iron	57-2	910494	907294	903845	907211	0.37	cps
Iron	54-2	1887701	1880920	1871397	1880006	0.44	cps
Krypton	83-1	113	133	80	109	24.75	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 15:07:34	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	118359	117960	117401	117907	0.41	cps
Lead	207-1	107303	110111	109090	108835	1.31	cps
Lead	208-1	478024	481844	482862	480910	0.53	cps
Lithium	6-1	2063956	2073802	2025685	2054481	1.24	cps
Magnesium	24-2	471836	467699	468189	469242	0.48	cps
Manganese	55-2	585223	587976	586761	586653	0.24	cps
Molybdenum	94-1	6281	6552	6648	6494	2.93	cps
Molybdenum	95-1	1037	1007	990	1011	2.34	cps
Molybdenum	96-1	2730	2810	2760	2767	1.46	cps
Molybdenum	97-1	657	657	683	666	2.31	cps
Molybdenum	98-1	1640	1777	1710	1709	4.00	cps
Neodymium	150-1	18215	17888	18572	18225	1.88	cps
Neodymium	150-2	9687	9844	9710	9747	0.87	cps
Nickel	60-2	5798	5955	6068	5940	2.28	cps
Phosphorus	31-2	3147	3077	3080	3101	1.27	cps
Potassium	39-2	391207	385862	392091	389720	0.86	cps
Rhodium	103-1	9291165	9613905	9399892	9434987	1.74	cps
Rhodium	103-2	5198741	5127860	5073400	5133334	1.22	cps
Scandium	45-1	5201450	5098756	5085428	5128545	1.24	cps
Scandium	45-2	405063	399444	398449	400985	0.89	cps
Selenium	82-1	516	600	559	558	7.54	cps
Selenium	77-2	23	23	23	23	0.00	cps
Selenium	78-2	143	120	123	129	9.79	cps
Silicon	28-1	2371523	2323288	2352818	2349209	1.04	cps
Silver	107-1	1147	1137	1117	1133	1.35	cps
Silver	109-1	1017	1073	1057	1049	2.78	cps
Sodium	23-2	22256	22046	21752	22018	1.15	cps
Strontium	86-1	25028	25940	24911	25293	2.23	cps
Strontium	88-1	214950	218075	220518	217848	1.28	cps
Sulfur	34-1	101333	100367	104182	101961	1.95	cps
Terbium	159-1	14795206	15025994	14646341	14822514	1.29	cps
Terbium	159-2	9368315	9296512	9258676	9307834	0.60	cps
Thallium	203-1	450	413	400	421	6.15	cps
Thallium	205-1	1037	1033	1160	1077	6.70	cps
Tin	118-1	2440	2467	2447	2451	0.57	cps
Titanium	47-1	211057	213433	213402	212631	0.64	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LX5	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	5
Date & Time Acquired :	2024-10-04 15:07:34	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4611	4507	4601	4573	1.25	cps
Vanadium	51-2	66392	66194	66676	66421	0.36	cps
Yttrium	89-1	11154774	11065749	10993629	11071384	0.73	cps
Yttrium	89-2	2487115	2503922	2476029	2489022	0.56	cps
Zinc	66-2	31583	31861	32188	31877	0.95	cps
Zirconium	90-1	15632	16272	15919	15941	2.01	cps
Zirconium	91-1	3460	3651	3647	3586	3.03	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:10:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3723134	3753107	3690750	3722330	0.84	cps
Antimony	121-1	386669	389215	391971	389285	0.68	cps
Arsenic	75-2	48134	47238	47636	47670	0.94	cps
Barium	135-1	2570767	2645775	2656940	2624494	1.79	cps
Barium	137-1	4488422	4442747	4541283	4490817	1.10	cps
Beryllium	9-1	30814	31018	30654	30828	0.59	cps
Bismuth	209-1	9031471	9000233	9095510	9042405	0.54	cps
Bismuth	209-2	6937555	7413422	7031854	7127610	3.54	cps
Bromine	81-1	7969	7926	7926	7940	0.32	cps
Bromine	81-2	240	193	177	203	16.14	cps
Cadmium	108-1	3264	3617	3647	3509	6.08	cps
Cadmium	106-1	7285	7695	7519	7500	2.74	cps
Cadmium	111-1	52721	52719	53109	52850	0.42	cps
Calcium	43-1	180914	181498	183174	181862	0.65	cps
Calcium	44-1	2724996	2742610	2735870	2734492	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	326498	322812	322278	323863	0.71	cps
Cobalt	59-2	1063645	1053093	1049723	1055487	0.69	cps
Copper	63-2	752479	750100	748472	750350	0.27	cps
Dysprosium	156-1	56858	58170	58471	57833	1.48	cps
Dysprosium	156-2	42909	43327	43477	43237	0.68	cps
Erbium	164-1	49370	50370	50815	50185	1.47	cps
Erbium	164-2	32297	32220	31910	32143	0.64	cps
Gadolinium	160-1	53907	54857	54884	54549	1.02	cps
Gadolinium	160-2	37380	37557	38192	37710	1.13	cps
Holmium	165-1	14487003	14460906	14586111	14511340	0.46	cps
Holmium	165-2	9281412	9908604	9500904	9563640	3.33	cps
Indium	115-1	10499139	10560892	10640601	10566877	0.67	cps
Indium	115-2	3112229	3374885	3193933	3227016	4.17	cps
Iron	56-2	181886571	178881711	179850931	180206404	0.85	cps
Iron	57-2	4476470	4437338	4392946	4435584	0.94	cps
Iron	54-2	9729657	9692659	9643688	9688668	0.45	cps
Krypton	83-1	180	167	170	172	4.03	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:10:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	663046	668088	671956	667697	0.67	cps
Lead	207-1	606254	616539	622291	615028	1.32	cps
Lead	208-1	2690137	2732103	2754413	2725551	1.20	cps
Lithium	6-1	2030389	2059831	2039453	2043224	0.74	cps
Magnesium	24-2	2357956	2381223	2362432	2367203	0.52	cps
Manganese	55-2	3428032	3434114	3392094	3418080	0.66	cps
Molybdenum	94-1	33993	34213	34030	34078	0.35	cps
Molybdenum	95-1	5078	5144	5151	5124	0.79	cps
Molybdenum	96-1	13807	13673	13670	13717	0.57	cps
Molybdenum	97-1	2987	3447	3424	3286	7.89	cps
Molybdenum	98-1	8109	8883	8416	8469	4.60	cps
Neodymium	150-1	95487	95936	94917	95447	0.54	cps
Neodymium	150-2	51380	51430	51075	51295	0.37	cps
Nickel	60-2	260860	256273	258728	258621	0.89	cps
Phosphorus	31-2	15995	15715	16055	15922	1.14	cps
Potassium	39-2	1804214	1775368	1781157	1786913	0.85	cps
Rhodium	103-1	9279954	9166385	9252408	9232916	0.64	cps
Rhodium	103-2	4835665	5230006	5001097	5022256	3.94	cps
Scandium	45-1	5272067	5269656	5309554	5283759	0.42	cps
Scandium	45-2	392969	424817	405519	407768	3.93	cps
Selenium	82-1	6515	6384	6481	6460	1.05	cps
Selenium	77-2	603	553	580	579	4.32	cps
Selenium	78-2	1770	1813	1797	1793	1.22	cps
Silicon	28-1	11798020	11815951	11912395	11842122	0.52	cps
Silver	107-1	231934	234473	234798	233735	0.67	cps
Silver	109-1	224353	224061	224656	224357	0.13	cps
Sodium	23-2	60538	61315	62024	61292	1.21	cps
Strontium	86-1	129577	131763	131188	130843	0.87	cps
Strontium	88-1	1140291	1151444	1155535	1149090	0.69	cps
Sulfur	34-1	106786	107018	106920	106908	0.11	cps
Terbium	159-1	14849133	14956462	14917481	14907692	0.36	cps
Terbium	159-2	9010707	9759684	9488882	9419757	4.03	cps
Thallium	203-1	177621	181647	182666	180645	1.48	cps
Thallium	205-1	428266	430834	435193	431431	0.81	cps
Tin	118-1	10491	11244	11214	10983	3.89	cps
Titanium	47-1	1112678	1121870	1121663	1118737	0.47	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:10:49	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24376	24526	24459	24454	0.31	cps
Vanadium	51-2	870095	859720	862026	863947	0.63	cps
Yttrium	89-1	11563759	11601269	11650860	11605296	0.38	cps
Yttrium	89-2	2490978	2700263	2535597	2575613	4.28	cps
Zinc	66-2	271571	267309	267467	268782	0.90	cps
Zirconium	90-1	82389	83693	83874	83319	0.97	cps
Zirconium	91-1	18432	19079	18896	18802	1.77	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:13:57	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4027088	3962429	4006157	3998558	0.83	cps
Antimony	121-1	1863490	1879596	1910169	1884418	1.26	cps
Arsenic	75-2	67573	67171	67050	67265	0.41	cps
Barium	135-1	10469601	10653187	10553545	10558778	0.87	cps
Barium	137-1	18019613	18217295	17958166	18065025	0.75	cps
Beryllium	9-1	140303	140968	141362	140878	0.38	cps
Bismuth	209-1	8877962	8962979	9014114	8951685	0.77	cps
Bismuth	209-2	6998014	7010876	6970397	6993095	0.30	cps
Bromine	81-1	7856	7629	7699	7728	1.50	cps
Bromine	81-2	133	210	190	178	22.37	cps
Cadmium	108-1	15008	15712	15308	15343	2.30	cps
Cadmium	106-1	23556	24394	24110	24020	1.77	cps
Cadmium	111-1	238255	241474	244695	241474	1.33	cps
Calcium	43-1	172878	175653	175465	174665	0.89	cps
Calcium	44-1	2576773	2616419	2604221	2599137	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1214225	1203479	1199070	1205591	0.65	cps
Cobalt	59-2	4447760	4423833	4401980	4424525	0.52	cps
Copper	63-2	1891449	1857851	1862518	1870606	0.97	cps
Dysprosium	156-1	54709	55552	56620	55627	1.72	cps
Dysprosium	156-2	41916	41100	41859	41625	1.09	cps
Erbium	164-1	48912	49045	49233	49063	0.33	cps
Erbium	164-2	31900	30867	30570	31112	2.24	cps
Gadolinium	160-1	52431	53013	53080	52841	0.68	cps
Gadolinium	160-2	35542	35842	35943	35776	0.58	cps
Holmium	165-1	14348129	14171815	14466472	14328805	1.03	cps
Holmium	165-2	9495680	9446708	9372019	9438136	0.66	cps
Indium	115-1	10416538	10300193	10295602	10337444	0.66	cps
Indium	115-2	3118487	3139588	3169083	3142386	0.81	cps
Iron	56-2	175029124	175789091	174692417	175170211	0.32	cps
Iron	57-2	4269216	4279229	4301202	4283215	0.38	cps
Iron	54-2	9585483	9507014	9371284	9487927	1.14	cps
Krypton	83-1	193	190	207	197	4.48	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:13:57	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	873057	887416	889498	883323	1.01	cps
Lead	207-1	792255	805657	809618	802510	1.13	cps
Lead	208-1	3715219	3779428	3791267	3761972	1.09	cps
Lithium	6-1	1991229	2032778	2031342	2018450	1.17	cps
Magnesium	24-2	2228815	2248907	2234306	2237342	0.46	cps
Manganese	55-2	4957144	4888364	4880486	4908665	0.86	cps
Molybdenum	94-1	32098	32673	32640	32470	0.99	cps
Molybdenum	95-1	5374	5254	5348	5325	1.18	cps
Molybdenum	96-1	13293	13540	13767	13533	1.75	cps
Molybdenum	97-1	3194	3290	3214	3233	1.58	cps
Molybdenum	98-1	8266	8332	8573	8390	1.92	cps
Neodymium	150-1	91997	93064	92718	92593	0.59	cps
Neodymium	150-2	49309	48660	48991	48987	0.66	cps
Nickel	60-2	1107268	1097104	1100082	1101485	0.47	cps
Phosphorus	31-2	14844	14994	14694	14844	1.01	cps
Potassium	39-2	1731537	1697799	1692936	1707424	1.23	cps
Rhodium	103-1	9212809	9140138	9123172	9158706	0.52	cps
Rhodium	103-2	4888423	4887247	4842525	4872732	0.54	cps
Scandium	45-1	5131114	5123644	5066243	5107000	0.70	cps
Scandium	45-2	397509	394048	393276	394944	0.57	cps
Selenium	82-1	27588	27927	27808	27774	0.62	cps
Selenium	77-2	2370	2370	2480	2407	2.64	cps
Selenium	78-2	7966	7759	8029	7918	1.78	cps
Silicon	28-1	11283512	11456547	11437523	11392527	0.83	cps
Silver	107-1	1029223	1033775	1035405	1032801	0.31	cps
Silver	109-1	989755	993587	990493	991278	0.21	cps
Sodium	23-2	59789	59799	60388	59992	0.57	cps
Strontium	86-1	123681	126208	126679	125523	1.28	cps
Strontium	88-1	1088346	1110163	1107872	1102127	1.09	cps
Sulfur	34-1	103551	104229	104095	103958	0.35	cps
Terbium	159-1	14742799	14744733	14741991	14743175	0.01	cps
Terbium	159-2	9048185	9170799	9102451	9107145	0.67	cps
Thallium	203-1	882006	901092	907783	896960	1.49	cps
Thallium	205-1	2366881	2385602	2385235	2379239	0.45	cps
Tin	118-1	10260	10614	10431	10435	1.69	cps
Titanium	47-1	1064394	1077588	1071752	1071245	0.62	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MS	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:13:57	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23748	23574	23447	23590	0.64	cps
Vanadium	51-2	2712481	2683045	2702913	2699480	0.56	cps
Yttrium	89-1	11384827	11353446	11194241	11310838	0.90	cps
Yttrium	89-2	2529402	2511698	2510492	2517197	0.42	cps
Zinc	66-2	658044	651902	655413	655120	0.47	cps
Zirconium	90-1	79105	80231	80251	79862	0.82	cps
Zirconium	91-1	17591	18278	17838	17902	1.95	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-04	Instrumnet Name :	P7
Client Sample ID :	MYD4S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:17:00	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5393600	5370041	5347285	5370308	0.43	cps
Antimony	121-1	6685	6728	7042	6818	2.86	cps
Arsenic	75-2	13937	13977	13823	13912	0.57	cps
Barium	135-1	759280	779051	778851	772394	1.47	cps
Barium	137-1	1317253	1347137	1342467	1335619	1.20	cps
Beryllium	9-1	2053	1947	1910	1970	3.78	cps
Bismuth	209-1	8867868	8951720	8934092	8917893	0.50	cps
Bismuth	209-2	7084904	6959949	6972374	7005742	0.98	cps
Bromine	81-1	8793	9230	9293	9105	2.99	cps
Bromine	81-2	437	423	443	434	2.34	cps
Cadmium	108-1	107	120	120	116	6.66	cps
Cadmium	106-1	3300	3190	3307	3266	2.01	cps
Cadmium	111-1	1594	1600	1650	1615	1.91	cps
Calcium	43-1	257099	261369	262773	260413	1.13	cps
Calcium	44-1	3852644	3921764	3942404	3905604	1.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95359	94279	94487	94708	0.60	cps
Cobalt	59-2	124427	123244	125254	124308	0.81	cps
Copper	63-2	237129	236012	235267	236136	0.40	cps
Dysprosium	156-1	67869	68690	69065	68542	0.89	cps
Dysprosium	156-2	50985	50166	51149	50767	1.04	cps
Erbium	164-1	59737	61217	61247	60733	1.42	cps
Erbium	164-2	40254	39763	39415	39811	1.06	cps
Gadolinium	160-1	66232	66416	67173	66607	0.75	cps
Gadolinium	160-2	45915	44437	45604	45319	1.72	cps
Holmium	165-1	14462812	14208702	14412257	14361257	0.94	cps
Holmium	165-2	9555329	9452427	9299198	9435651	1.37	cps
Indium	115-1	10306639	10437823	10424577	10389680	0.70	cps
Indium	115-2	3207829	3177555	3138331	3174571	1.10	cps
Iron	56-2	170335757	171069697	170122477	170509311	0.29	cps
Iron	57-2	4194539	4171139	4181934	4182538	0.28	cps
Iron	54-2	9175493	9244012	9108297	9175934	0.74	cps
Krypton	83-1	147	160	160	156	4.95	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-04	Instrumnet Name :	P7
Client Sample ID :	MYD4S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:17:00	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	157670	159025	161477	159390	1.21	cps
Lead	207-1	135056	136729	137113	136300	0.80	cps
Lead	208-1	615987	621979	626618	621528	0.86	cps
Lithium	6-1	1979872	2017007	2032414	2009764	1.34	cps
Magnesium	24-2	3091329	3093437	3084263	3089677	0.16	cps
Manganese	55-2	2798799	2818393	2815498	2810897	0.38	cps
Molybdenum	94-1	21089	21169	20978	21079	0.45	cps
Molybdenum	95-1	3380	3370	3454	3402	1.34	cps
Molybdenum	96-1	9470	9697	9340	9502	1.90	cps
Molybdenum	97-1	2230	2060	2194	2161	4.14	cps
Molybdenum	98-1	5438	5354	5441	5411	0.91	cps
Neodymium	150-1	111201	113217	114033	112817	1.29	cps
Neodymium	150-2	60315	60194	60469	60326	0.23	cps
Nickel	60-2	35191	34924	34596	34904	0.85	cps
Phosphorus	31-2	11671	11835	11775	11760	0.70	cps
Potassium	39-2	1432886	1442101	1416151	1430379	0.92	cps
Rhodium	103-1	9135436	9067203	9132751	9111797	0.42	cps
Rhodium	103-2	4977534	4905477	4884581	4922530	0.99	cps
Scandium	45-1	5102525	5187983	5189370	5159959	0.96	cps
Scandium	45-2	407278	403506	401187	403990	0.76	cps
Selenium	82-1	754	788	734	759	3.62	cps
Selenium	77-2	117	150	140	136	12.62	cps
Selenium	78-2	217	203	187	202	7.43	cps
Silicon	28-1	10438289	10836249	10526280	10600273	1.97	cps
Silver	107-1	2357	2027	1917	2100	10.90	cps
Silver	109-1	2227	1833	1743	1935	13.29	cps
Sodium	23-2	67048	67999	68287	67778	0.96	cps
Strontium	86-1	172625	177232	178862	176240	1.84	cps
Strontium	88-1	1552302	1575971	1556666	1561646	0.81	cps
Sulfur	34-1	101836	101752	103937	102509	1.21	cps
Terbium	159-1	14865300	14816292	14947449	14876347	0.45	cps
Terbium	159-2	9369723	9259032	9143742	9257499	1.22	cps
Thallium	203-1	1910	1823	1880	1871	2.35	cps
Thallium	205-1	4668	4501	4654	4607	2.01	cps
Tin	118-1	10377	10824	10397	10533	2.40	cps
Titanium	47-1	666312	681362	683018	676897	1.36	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-04	Instrumnet Name :	P7
Client Sample ID :	MYD4S8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:17:00	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23474	23841	23698	23671	0.78	cps
Vanadium	51-2	290778	290859	292709	291449	0.37	cps
Yttrium	89-1	11498860	11588391	11619641	11568964	0.54	cps
Yttrium	89-2	2562169	2567190	2561908	2563756	0.12	cps
Zinc	66-2	62868	63631	63410	63303	0.62	cps
Zirconium	90-1	50744	52486	51894	51708	1.71	cps
Zirconium	91-1	11411	11808	11505	11575	1.79	cps

500

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-05	Instrumnet Name :	P7
Client Sample ID :	MYD4S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:20:10	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5468921	5421721	5393885	5428176	0.70	cps
Antimony	121-1	13093	13320	13496	13303	1.52	cps
Arsenic	75-2	41548	41601	41194	41448	0.53	cps
Barium	135-1	725247	732468	737022	731579	0.81	cps
Barium	137-1	1260096	1276172	1284770	1273679	0.98	cps
Beryllium	9-1	1840	1757	1937	1845	4.88	cps
Bismuth	209-1	8891282	8881687	8927494	8900155	0.27	cps
Bismuth	209-2	6973331	6999513	6930167	6967670	0.50	cps
Bromine	81-1	7842	7669	7695	7735	1.21	cps
Bromine	81-2	180	170	153	168	8.03	cps
Cadmium	108-1	273	347	243	288	18.47	cps
Cadmium	106-1	3597	3377	3644	3539	4.02	cps
Cadmium	111-1	3989	4001	3903	3964	1.34	cps
Calcium	43-1	283328	289696	289540	287522	1.26	cps
Calcium	44-1	4229233	4305256	4285886	4273458	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	118779	116707	116680	117389	1.03	cps
Cobalt	59-2	151697	151994	151779	151823	0.10	cps
Copper	63-2	332413	326806	329518	329579	0.85	cps
Dysprosium	156-1	76011	76654	77288	76651	0.83	cps
Dysprosium	156-2	56680	57330	55603	56538	1.54	cps
Erbium	164-1	67753	67371	67528	67551	0.28	cps
Erbium	164-2	43634	43835	42799	43423	1.27	cps
Gadolinium	160-1	73384	73642	73344	73457	0.22	cps
Gadolinium	160-2	50885	49407	49658	49983	1.58	cps
Holmium	165-1	14453395	14452823	14522441	14476220	0.28	cps
Holmium	165-2	9502257	9384696	9418971	9435308	0.64	cps
Indium	115-1	10338847	10430224	10411699	10393590	0.46	cps
Indium	115-2	3138919	3133231	3160979	3144376	0.47	cps
Iron	56-2	222302743	219291510	218450410	220014888	0.92	cps
Iron	57-2	5444597	5420339	5434876	5433271	0.22	cps
Iron	54-2	11946540	11798853	11856586	11867326	0.63	cps
Krypton	83-1	160	183	160	168	8.03	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-05	Instrumnet Name :	P7
Client Sample ID :	MYD4S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:20:10	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	519170	526273	527314	524252	0.85	cps
Lead	207-1	476966	484105	490630	483901	1.41	cps
Lead	208-1	2113324	2147288	2164681	2141765	1.22	cps
Lithium	6-1	1996843	2034428	2032403	2021225	1.05	cps
Magnesium	24-2	3317586	3308061	3252547	3292731	1.07	cps
Manganese	55-2	3258775	3254117	3235002	3249298	0.39	cps
Molybdenum	94-1	41609	42782	43548	42646	2.29	cps
Molybdenum	95-1	4971	4954	4777	4901	2.19	cps
Molybdenum	96-1	15395	15552	15612	15519	0.72	cps
Molybdenum	97-1	2894	3154	3207	3085	5.44	cps
Molybdenum	98-1	7352	7595	7772	7573	2.79	cps
Neodymium	150-1	123928	124729	125112	124590	0.48	cps
Neodymium	150-2	67055	65986	66419	66487	0.81	cps
Nickel	60-2	37490	37367	37310	37389	0.25	cps
Phosphorus	31-2	17814	18014	17784	17871	0.70	cps
Potassium	39-2	1264321	1259896	1259377	1261198	0.22	cps
Rhodium	103-1	9129576	9201405	9182421	9171134	0.41	cps
Rhodium	103-2	4947971	4880686	4911617	4913425	0.69	cps
Scandium	45-1	5202978	5173058	5169358	5181798	0.36	cps
Scandium	45-2	409480	405844	403247	406190	0.77	cps
Selenium	82-1	782	801	761	781	2.52	cps
Selenium	77-2	160	133	143	146	9.25	cps
Selenium	78-2	293	253	220	256	14.37	cps
Silicon	28-1	10327927	10455661	10555451	10446346	1.09	cps
Silver	107-1	4417	4794	4667	4626	4.14	cps
Silver	109-1	4101	4161	4167	4143	0.89	cps
Sodium	23-2	73025	72878	72660	72854	0.25	cps
Strontium	86-1	169055	172345	171849	171083	1.04	cps
Strontium	88-1	1479855	1494036	1485385	1486425	0.48	cps
Sulfur	34-1	107598	106948	108532	107693	0.74	cps
Terbium	159-1	14872135	14871590	14853151	14865625	0.07	cps
Terbium	159-2	9312397	9346890	9287311	9315533	0.32	cps
Thallium	203-1	2527	2534	2244	2435	6.80	cps
Thallium	205-1	5795	5741	6085	5874	3.15	cps
Tin	118-1	11565	11705	11498	11589	0.91	cps
Titanium	47-1	963914	983993	986972	978293	1.28	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-05	Instrumnet Name :	P7
Client Sample ID :	MYD4S9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:20:10	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	26580	26744	27037	26787	0.87	cps
Vanadium	51-2	452231	448705	449771	450236	0.40	cps
Yttrium	89-1	11610774	11654626	11678051	11647817	0.29	cps
Yttrium	89-2	2545427	2568771	2571217	2561805	0.56	cps
Zinc	66-2	156095	153910	154102	154702	0.78	cps
Zirconium	90-1	105106	108762	108950	107606	2.01	cps
Zirconium	91-1	23793	24260	24577	24210	1.63	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:23:22	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5182875	5181295	5144186	5169452	0.42	cps
Antimony	121-1	3134555	3180787	3229606	3181649	1.49	cps
Arsenic	75-2	123135	122352	121381	122289	0.72	cps
Barium	135-1	4410797	4392778	4432981	4412186	0.46	cps
Barium	137-1	7524549	7595964	7760444	7626986	1.59	cps
Beryllium	9-1	464926	476350	485093	475456	2.13	cps
Bismuth	209-1	8401326	8585533	8570111	8518990	1.20	cps
Bismuth	209-2	6604376	6610973	6631910	6615753	0.22	cps
Bromine	81-1	7135	6942	6672	6916	3.37	cps
Bromine	81-2	60	43	30	44	33.82	cps
Cadmium	108-1	55449	55753	56409	55870	0.88	cps
Cadmium	106-1	81785	80246	81426	81153	0.99	cps
Cadmium	111-1	800846	814771	819500	811706	1.19	cps
Calcium	43-1	3652374	3684672	3753319	3696788	1.39	cps
Calcium	44-1	58714279	59725324	60339359	59592987	1.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	964917	960834	961332	962361	0.23	cps
Cobalt	59-2	1434430	1426996	1433336	1431588	0.28	cps
Copper	63-2	10006429	9923943	10015577	9981983	0.51	cps
Dysprosium	156-1	323	243	217	261	21.26	cps
Dysprosium	156-2	267	260	280	269	3.79	cps
Erbium	164-1	180	233	183	199	15.02	cps
Erbium	164-2	193	143	133	157	20.52	cps
Gadolinium	160-1	150	160	170	160	6.25	cps
Gadolinium	160-2	433	467	557	486	13.14	cps
Holmium	165-1	14139904	14222161	14410999	14257688	0.97	cps
Holmium	165-2	9563964	9391768	9411117	9455616	1.00	cps
Indium	115-1	9899986	9715777	9905047	9840270	1.10	cps
Indium	115-2	3060083	3024449	3086258	3056930	1.01	cps
Iron	56-2	212061937	210631857	212452244	211715346	0.45	cps
Iron	57-2	5217071	5208009	5292729	5239270	0.89	cps
Iron	54-2	11453837	11476459	11390019	11440105	0.39	cps
Krypton	83-1	167	107	130	134	22.50	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:23:22	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13155328	13569389	13569515	13431411	1.78	cps
Lead	207-1	11734894	11992291	12089171	11938786	1.53	cps
Lead	208-1	52840498	54677123	54406065	53974562	1.84	cps
Lithium	6-1	1928906	1947087	2007761	1961251	2.11	cps
Magnesium	24-2	42573646	42615713	42467301	42552220	0.18	cps
Manganese	55-2	7328653	7281758	7395019	7335144	0.78	cps
Molybdenum	94-1	10815580	10824999	10891683	10844087	0.38	cps
Molybdenum	95-1	15748315	15980463	15918689	15882489	0.76	cps
Molybdenum	96-1	17127218	17343857	17464928	17312001	0.99	cps
Molybdenum	97-1	9861232	9948429	10106903	9972188	1.25	cps
Molybdenum	98-1	25449100	25937487	26134053	25840214	1.36	cps
Neodymium	150-1	293	377	347	339	12.46	cps
Neodymium	150-2	90	77	70	79	12.91	cps
Nickel	60-2	352389	349444	352120	351318	0.46	cps
Phosphorus	31-2	52523	52025	51439	51996	1.04	cps
Potassium	39-2	26495568	26320863	26470491	26428974	0.36	cps
Rhodium	103-1	8316681	8332840	8415792	8355104	0.64	cps
Rhodium	103-2	4547611	4525136	4562577	4545108	0.41	cps
Scandium	45-1	4887130	4843827	4928976	4886644	0.87	cps
Scandium	45-2	387445	386943	387845	387411	0.12	cps
Selenium	82-1	41960	42260	42369	42196	0.50	cps
Selenium	77-2	3574	3477	3364	3472	3.03	cps
Selenium	78-2	12182	11745	12248	12058	2.27	cps
Silicon	28-1	5232557	5275259	5392954	5300257	1.57	cps
Silver	107-1	3606344	3590682	3598568	3598531	0.22	cps
Silver	109-1	3458255	3418523	3472466	3449748	0.81	cps
Sodium	23-2	71752992	71707864	71796424	71752427	0.06	cps
Strontium	86-1	24277484	24466370	24658377	24467410	0.78	cps
Strontium	88-1	211019884	215872263	214970917	213954355	1.21	cps
Sulfur	34-1	312569	318730	319064	316788	1.15	cps
Terbium	159-1	14524816	14631226	14783000	14646347	0.89	cps
Terbium	159-2	9172771	9236875	9259014	9222887	0.49	cps
Thallium	203-1	3362977	3371285	3430985	3388416	1.09	cps
Thallium	205-1	7938131	8118135	8131713	8062660	1.34	cps
Tin	118-1	2661979	2730235	2729870	2707361	1.45	cps
Titanium	47-1	3449171	3457998	3529121	3478763	1.26	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV043	Instrumnet Name :	P7
Client Sample ID :	CCV043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:23:22	DataFile Name :	066CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11144787	11621180	11862275	11542747	3.16	cps
Vanadium	51-2	865527	862683	867741	865317	0.29	cps
Yttrium	89-1	10551306	10509361	10370061	10476909	0.91	cps
Yttrium	89-2	2403322	2301973	2336729	2347341	2.19	cps
Zinc	66-2	1647661	1662567	1645917	1652049	0.55	cps
Zirconium	90-1	5145613	5185501	5148972	5160028	0.43	cps
Zirconium	91-1	1155301	1162813	1173036	1163717	0.76	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:26:08	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	293	290	306	7.89	cps
Antimony	121-1	2464	2607	2710	2594	4.78	cps
Arsenic	75-2	10	13	27	17	52.93	cps
Barium	135-1	270	240	210	240	12.50	cps
Barium	137-1	477	457	357	430	14.95	cps
Beryllium	9-1	153	140	150	148	4.70	cps
Bismuth	209-1	9455349	9499117	9512853	9489106	0.32	cps
Bismuth	209-2	7427636	7343264	7390986	7387296	0.57	cps
Bromine	81-1	6658	7255	6885	6933	4.35	cps
Bromine	81-2	50	50	40	47	12.37	cps
Cadmium	108-1	7	17	13	12	41.65	cps
Cadmium	106-1	3207	2854	2977	3013	5.95	cps
Cadmium	111-1	412	389	387	396	3.51	cps
Calcium	43-1	290	223	317	277	17.38	cps
Calcium	44-1	4417	4291	4387	4365	1.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340	413	327	360	12.96	cps
Cobalt	59-2	147	167	210	174	18.56	cps
Copper	63-2	1067	1120	1090	1092	2.45	cps
Dysprosium	156-1	50	37	33	40	22.05	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	113	80	117	103	19.62	cps
Erbium	164-2	77	57	63	66	15.54	cps
Gadolinium	160-1	17	47	43	36	46.24	cps
Gadolinium	160-2	483	503	420	469	9.28	cps
Holmium	165-1	14704474	14765227	14661410	14710370	0.35	cps
Holmium	165-2	9704077	9503001	9526620	9577899	1.15	cps
Indium	115-1	10670855	10635711	10803179	10703248	0.83	cps
Indium	115-2	3288503	3286493	3236516	3270504	0.90	cps
Iron	56-2	20531	19823	19473	19942	2.70	cps
Iron	57-2	910	837	847	864	4.60	cps
Iron	54-2	1627	1663	1463	1585	6.72	cps
Krypton	83-1	107	113	87	102	13.58	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:26:08	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1470	1223	1293	1329	9.57	cps
Lead	207-1	1287	1190	1180	1219	4.83	cps
Lead	208-1	5714	5264	5130	5369	5.69	cps
Lithium	6-1	2102847	2077316	2134197	2104787	1.35	cps
Magnesium	24-2	1903	1930	1860	1898	1.86	cps
Manganese	55-2	760	657	670	696	8.08	cps
Molybdenum	94-1	1497	1217	1197	1303	12.87	cps
Molybdenum	95-1	933	967	910	937	3.04	cps
Molybdenum	96-1	1263	1210	1267	1247	2.55	cps
Molybdenum	97-1	570	613	590	591	3.67	cps
Molybdenum	98-1	1540	1453	1713	1569	8.44	cps
Neodymium	150-1	13	10	13	12	15.73	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	83	93	93	90	6.42	cps
Phosphorus	31-2	90	80	77	82	8.44	cps
Potassium	39-2	28006	27475	26727	27403	2.34	cps
Rhodium	103-1	9532058	9448000	9493248	9491102	0.44	cps
Rhodium	103-2	5129667	5162090	5082453	5124736	0.78	cps
Scandium	45-1	5071246	5151112	5134631	5118996	0.82	cps
Scandium	45-2	397907	395614	398452	397324	0.38	cps
Selenium	82-1	493	501	485	493	1.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	133	93	107	111	18.33	cps
Silicon	28-1	118453	118170	119212	118612	0.45	cps
Silver	107-1	677	600	690	656	7.41	cps
Silver	109-1	570	603	607	593	3.42	cps
Sodium	23-2	15798	15465	15354	15539	1.49	cps
Strontium	86-1	950	920	833	901	6.72	cps
Strontium	88-1	6878	6798	6231	6636	5.31	cps
Sulfur	34-1	112621	112490	113793	112968	0.64	cps
Terbium	159-1	15285417	15142956	15186124	15204832	0.48	cps
Terbium	159-2	9431856	9404460	9430579	9422298	0.16	cps
Thallium	203-1	640	567	450	552	17.35	cps
Thallium	205-1	1557	1467	1340	1455	7.48	cps
Tin	118-1	1183	1063	1403	1217	14.17	cps
Titanium	47-1	267	217	323	269	19.85	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB043	Instrumnet Name :	P7
Client Sample ID :	CCB043	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:26:08	DataFile Name :	067CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	313	290	253	286	10.59	cps
Vanadium	51-2	30	60	47	46	32.99	cps
Yttrium	89-1	10925388	10971490	10967007	10954629	0.23	cps
Yttrium	89-2	2447044	2469720	2423211	2446658	0.95	cps
Zinc	66-2	357	337	403	366	9.36	cps
Zirconium	90-1	2080	1953	2043	2026	3.22	cps
Zirconium	91-1	467	423	433	441	5.14	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-06	Instrumnet Name :	P7
Client Sample ID :	MYD4T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:29:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5446914	5396868	5374112	5405965	0.69	cps
Antimony	121-1	14374	15141	14998	14838	2.75	cps
Arsenic	75-2	34948	35472	35329	35250	0.77	cps
Barium	135-1	732636	746029	752053	743573	1.34	cps
Barium	137-1	1277609	1288002	1297670	1287761	0.78	cps
Beryllium	9-1	2107	2164	1947	2072	5.42	cps
Bismuth	209-1	9402987	9107269	9270643	9260299	1.60	cps
Bismuth	209-2	7225239	7056329	7159619	7147063	1.19	cps
Bromine	81-1	8239	8146	8493	8292	2.16	cps
Bromine	81-2	260	203	287	250	17.02	cps
Cadmium	108-1	260	277	307	281	8.41	cps
Cadmium	106-1	4141	3677	3751	3856	6.46	cps
Cadmium	111-1	3921	4091	4361	4124	5.38	cps
Calcium	43-1	289758	296134	295591	293827	1.20	cps
Calcium	44-1	4350197	4406553	4446847	4401199	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	134930	133757	135441	134709	0.64	cps
Cobalt	59-2	153482	154192	153058	153577	0.37	cps
Copper	63-2	477122	475719	472233	475025	0.53	cps
Dysprosium	156-1	73256	74054	74003	73771	0.61	cps
Dysprosium	156-2	54646	54920	55211	54926	0.51	cps
Erbium	164-1	63607	64772	64886	64422	1.10	cps
Erbium	164-2	42461	42267	42070	42266	0.46	cps
Gadolinium	160-1	69967	72017	72275	71420	1.77	cps
Gadolinium	160-2	49510	48955	47841	48769	1.74	cps
Holmium	165-1	15137680	14750644	14758441	14882255	1.49	cps
Holmium	165-2	9854237	9465199	9885366	9734934	2.40	cps
Indium	115-1	10980659	10697735	10707643	10795346	1.49	cps
Indium	115-2	3297611	3221839	3255870	3258440	1.16	cps
Iron	56-2	219091250	219595703	217536470	218741141	0.49	cps
Iron	57-2	5385362	5435198	5346214	5388925	0.83	cps
Iron	54-2	11857712	11865288	11717661	11813554	0.70	cps
Krypton	83-1	177	177	163	172	4.47	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-06	Instrumnet Name :	P7
Client Sample ID :	MYD4T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:29:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	487081	492050	492716	490616	0.63	cps
Lead	207-1	440757	446762	445684	444401	0.72	cps
Lead	208-1	1959174	1986390	1992022	1979195	0.89	cps
Lithium	6-1	2175681	2107144	2097640	2126822	2.00	cps
Magnesium	24-2	3473365	3478297	3475902	3475855	0.07	cps
Manganese	55-2	3538305	3515121	3485947	3513124	0.75	cps
Molybdenum	94-1	35687	36813	36372	36290	1.56	cps
Molybdenum	95-1	7305	7342	7028	7225	2.37	cps
Molybdenum	96-1	15996	16226	16319	16180	1.03	cps
Molybdenum	97-1	4527	4554	4331	4471	2.73	cps
Molybdenum	98-1	11605	11365	11585	11518	1.16	cps
Neodymium	150-1	119243	121081	120381	120235	0.77	cps
Neodymium	150-2	64771	64805	63857	64478	0.83	cps
Nickel	60-2	44843	44275	44018	44379	0.95	cps
Phosphorus	31-2	17710	17710	17557	17659	0.50	cps
Potassium	39-2	1892981	1886354	1891092	1890142	0.18	cps
Rhodium	103-1	9594729	9351116	9440140	9461995	1.30	cps
Rhodium	103-2	5145668	4975095	5120140	5080301	1.81	cps
Scandium	45-1	5544078	5435176	5403224	5460826	1.35	cps
Scandium	45-2	422203	412182	420296	418227	1.27	cps
Selenium	82-1	903	874	853	877	2.81	cps
Selenium	77-2	140	153	143	146	4.77	cps
Selenium	78-2	203	247	213	221	10.26	cps
Silicon	28-1	10608912	10725594	10735300	10689935	0.66	cps
Silver	107-1	9767	9563	9967	9766	2.07	cps
Silver	109-1	9386	9286	9050	9241	1.87	cps
Sodium	23-2	83240	84681	85331	84417	1.27	cps
Strontium	86-1	178626	180275	181976	180292	0.93	cps
Strontium	88-1	1550601	1566865	1567441	1561636	0.61	cps
Sulfur	34-1	118075	114518	115076	115890	1.65	cps
Terbium	159-1	15568874	15144495	15286280	15333216	1.41	cps
Terbium	159-2	9487192	9334985	9534040	9452072	1.10	cps
Thallium	203-1	2840	2940	2574	2785	6.81	cps
Thallium	205-1	6665	6848	6472	6662	2.83	cps
Tin	118-1	12492	12639	13039	12724	2.23	cps
Titanium	47-1	960119	975565	980630	972105	1.10	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-06	Instrumnet Name :	P7
Client Sample ID :	MYD4T0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:29:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24276	24733	24973	24661	1.44	cps
Vanadium	51-2	423183	421896	419706	421595	0.42	cps
Yttrium	89-1	12301033	12060676	12062241	12141317	1.14	cps
Yttrium	89-2	2669143	2616683	2643043	2642956	0.99	cps
Zinc	66-2	139642	138636	139326	139201	0.37	cps
Zirconium	90-1	85175	85698	87660	86178	1.52	cps
Zirconium	91-1	19026	19109	19553	19229	1.47	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-07	Instrumnet Name :	P7
Client Sample ID :	MYD4T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:32:38	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5035950	5066155	5026581	5042895	0.41	cps
Antimony	121-1	7592	7532	7785	7637	1.73	cps
Arsenic	75-2	20768	20324	20811	20634	1.31	cps
Barium	135-1	794630	803377	814430	804145	1.23	cps
Barium	137-1	1370638	1394124	1412793	1392518	1.52	cps
Beryllium	9-1	1587	1843	1650	1693	7.90	cps
Bismuth	209-1	8997402	9141608	7495067	8544693	10.67	cps
Bismuth	209-2	7143594	7078890	6959137	7060540	1.33	cps
Bromine	81-1	8222	8042	8349	8205	1.88	cps
Bromine	81-2	273	203	260	246	15.14	cps
Cadmium	108-1	150	160	170	160	6.25	cps
Cadmium	106-1	3387	3681	2990	3353	10.33	cps
Cadmium	111-1	2308	2481	2498	2429	4.32	cps
Calcium	43-1	299363	300322	301743	300476	0.40	cps
Calcium	44-1	4438378	4507660	4543537	4496525	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91776	90288	89221	90429	1.42	cps
Cobalt	59-2	128968	127986	126423	127793	1.00	cps
Copper	63-2	268175	269369	268148	268564	0.26	cps
Dysprosium	156-1	68606	70351	70197	69718	1.39	cps
Dysprosium	156-2	52083	52227	52304	52204	0.21	cps
Erbium	164-1	60082	60142	62003	60742	1.80	cps
Erbium	164-2	39710	39399	38513	39207	1.58	cps
Gadolinium	160-1	67391	67374	68017	67594	0.54	cps
Gadolinium	160-2	46296	45865	45905	46022	0.52	cps
Holmium	165-1	14544135	14562359	12134247	13746914	10.16	cps
Holmium	165-2	9662520	9471737	9418304	9517520	1.35	cps
Indium	115-1	10430744	10638468	8705684	9924965	10.69	cps
Indium	115-2	3268975	3205427	3184322	3219575	1.37	cps
Iron	56-2	162138211	162982594	162020234	162380346	0.32	cps
Iron	57-2	4045937	4016987	3981688	4014871	0.80	cps
Iron	54-2	8800294	8779879	8653367	8744513	0.91	cps
Krypton	83-1	193	187	203	194	4.31	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-07	Instrumnet Name :	P7
Client Sample ID :	MYD4T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:32:38	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	261946	266886	267505	265446	1.15	cps
Lead	207-1	231795	237161	238960	235972	1.58	cps
Lead	208-1	1044483	1066911	1076999	1062798	1.57	cps
Lithium	6-1	2096655	2093344	1781213	1990404	9.10	cps
Magnesium	24-2	3324965	3333527	3314437	3324310	0.29	cps
Manganese	55-2	3082709	3117935	3071395	3090680	0.79	cps
Molybdenum	94-1	30916	31440	31283	31213	0.86	cps
Molybdenum	95-1	3520	3587	3887	3665	5.33	cps
Molybdenum	96-1	11294	10921	11638	11284	3.18	cps
Molybdenum	97-1	2237	2210	2407	2285	4.67	cps
Molybdenum	98-1	5611	5735	5871	5739	2.27	cps
Neodymium	150-1	113929	115172	117760	115620	1.69	cps
Neodymium	150-2	62230	62548	61530	62102	0.84	cps
Nickel	60-2	34216	34533	34847	34532	0.91	cps
Phosphorus	31-2	13246	13476	13186	13303	1.15	cps
Potassium	39-2	1135982	1134987	1126170	1132380	0.48	cps
Rhodium	103-1	9220441	9394786	7644584	8753270	11.01	cps
Rhodium	103-2	5020870	4940742	4931127	4964247	0.99	cps
Scandium	45-1	5303977	5353586	4417591	5025051	10.48	cps
Scandium	45-2	412190	408687	403603	408160	1.06	cps
Selenium	82-1	788	819	724	777	6.20	cps
Selenium	77-2	153	170	100	141	25.91	cps
Selenium	78-2	187	207	197	197	5.08	cps
Silicon	28-1	11489331	11613772	11853787	11652297	1.59	cps
Silver	107-1	2330	2364	2527	2407	4.37	cps
Silver	109-1	2060	2327	2337	2241	7.00	cps
Sodium	23-2	80964	79926	81022	80637	0.76	cps
Strontium	86-1	174159	173050	176302	174503	0.95	cps
Strontium	88-1	1512360	1533178	1527920	1524486	0.71	cps
Sulfur	34-1	110805	107233	107944	108661	1.74	cps
Terbium	159-1	14928991	15060524	12345520	14111679	10.85	cps
Terbium	159-2	9427875	9292418	9332094	9350796	0.74	cps
Thallium	203-1	1663	1600	1783	1682	5.54	cps
Thallium	205-1	3961	3871	3874	3902	1.31	cps
Tin	118-1	9810	9567	9970	9782	2.08	cps
Titanium	47-1	677493	689227	691355	686025	1.09	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-07	Instrumnet Name :	P7
Client Sample ID :	MYD4T1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:32:38	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19394	19945	19835	19725	1.48	cps
Vanadium	51-2	274195	273774	272488	273485	0.33	cps
Yttrium	89-1	11892586	11881272	9798773	11190877	10.77	cps
Yttrium	89-2	2653721	2577689	2595246	2608885	1.53	cps
Zinc	66-2	91075	91588	90086	90917	0.84	cps
Zirconium	90-1	76793	77198	77878	77290	0.71	cps
Zirconium	91-1	17207	17334	17364	17301	0.48	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-08	Instrumnet Name :	P7
Client Sample ID :	MYD4T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4489378	4449246	4460930	4466518	0.46	cps
Antimony	121-1	13707	13893	13650	13750	0.93	cps
Arsenic	75-2	36695	36615	35539	36283	1.78	cps
Barium	135-1	510093	514928	513606	512875	0.49	cps
Barium	137-1	882580	899126	887771	889826	0.95	cps
Beryllium	9-1	1553	1423	1467	1481	4.47	cps
Bismuth	209-1	8844163	8883165	8929597	8885642	0.48	cps
Bismuth	209-2	6990230	7058306	7063093	7037210	0.58	cps
Bromine	81-1	7845	7855	8069	7923	1.59	cps
Bromine	81-2	237	230	183	217	13.41	cps
Cadmium	108-1	307	307	283	299	4.51	cps
Cadmium	106-1	3450	3330	3477	3419	2.29	cps
Cadmium	111-1	4297	4475	4487	4420	2.40	cps
Calcium	43-1	235475	240218	237025	237573	1.02	cps
Calcium	44-1	3523102	3584564	3557372	3555013	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86322	84991	85802	85705	0.78	cps
Cobalt	59-2	123120	123845	121826	122930	0.83	cps
Copper	63-2	393547	392209	391423	392393	0.27	cps
Dysprosium	156-1	51280	52360	52186	51942	1.12	cps
Dysprosium	156-2	39612	39576	38319	39169	1.88	cps
Erbium	164-1	46688	47574	47193	47151	0.94	cps
Erbium	164-2	30690	31031	31161	30961	0.79	cps
Gadolinium	160-1	49738	50865	51280	50628	1.58	cps
Gadolinium	160-2	34920	34613	34649	34727	0.48	cps
Holmium	165-1	14296887	14553704	14315321	14388638	1.00	cps
Holmium	165-2	9342757	9410488	9443677	9398974	0.55	cps
Indium	115-1	10450639	10400802	10452597	10434679	0.28	cps
Indium	115-2	3185859	3155677	3179928	3173821	0.50	cps
Iron	56-2	176685731	176361611	177577291	176874877	0.36	cps
Iron	57-2	4360852	4310035	4323130	4331339	0.61	cps
Iron	54-2	9578272	9486051	9531188	9531837	0.48	cps
Krypton	83-1	180	167	150	166	9.08	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-08	Instrumnet Name :	P7
Client Sample ID :	MYD4T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	565230	569138	565649	566672	0.38	cps
Lead	207-1	521043	525733	526509	524428	0.56	cps
Lead	208-1	2297591	2321809	2316845	2312082	0.55	cps
Lithium	6-1	2091512	2086691	2079116	2085773	0.30	cps
Magnesium	24-2	3193078	3172322	3176408	3180603	0.35	cps
Manganese	55-2	2824614	2853464	2839225	2839101	0.51	cps
Molybdenum	94-1	24370	24794	24307	24491	1.08	cps
Molybdenum	95-1	3630	3707	3684	3674	1.07	cps
Molybdenum	96-1	10764	10481	10627	10624	1.33	cps
Molybdenum	97-1	2367	2330	2110	2269	6.12	cps
Molybdenum	98-1	5631	5781	6231	5881	5.31	cps
Neodymium	150-1	83589	84659	85048	84432	0.89	cps
Neodymium	150-2	44938	44878	45540	45119	0.81	cps
Nickel	60-2	33337	33053	33100	33163	0.46	cps
Phosphorus	31-2	14470	14130	14634	14411	1.78	cps
Potassium	39-2	1630870	1593957	1579392	1601406	1.66	cps
Rhodium	103-1	9107469	9232389	9155911	9165256	0.69	cps
Rhodium	103-2	4898073	4909372	4964182	4923876	0.72	cps
Scandium	45-1	5232183	5200357	5212101	5214880	0.31	cps
Scandium	45-2	402629	397476	403086	401063	0.78	cps
Selenium	82-1	765	780	815	787	3.28	cps
Selenium	77-2	77	113	90	93	19.88	cps
Selenium	78-2	200	180	203	194	6.49	cps
Silicon	28-1	8131267	8111629	8108789	8117228	0.15	cps
Silver	107-1	4771	4801	5058	4876	3.23	cps
Silver	109-1	4661	4644	4677	4661	0.36	cps
Sodium	23-2	73648	74117	73394	73720	0.50	cps
Strontium	86-1	141808	143878	140098	141928	1.33	cps
Strontium	88-1	1229218	1244808	1241525	1238517	0.66	cps
Sulfur	34-1	108340	108599	107209	108050	0.68	cps
Terbium	159-1	14854128	14773218	14607079	14744808	0.85	cps
Terbium	159-2	9259089	9224670	9260516	9248092	0.22	cps
Thallium	203-1	1990	1877	1790	1886	5.32	cps
Thallium	205-1	4241	4431	4454	4375	2.68	cps
Tin	118-1	10491	10651	10300	10481	1.67	cps
Titanium	47-1	776503	782060	784385	780982	0.52	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-08	Instrumnet Name :	P7
Client Sample ID :	MYD4T2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:35:51	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23838	24192	24576	24202	1.53	cps
Vanadium	51-2	321787	323403	320571	321920	0.44	cps
Yttrium	89-1	11474130	11418932	11434924	11442662	0.25	cps
Yttrium	89-2	2498575	2532548	2521463	2517529	0.69	cps
Zinc	66-2	159521	159922	160091	159845	0.18	cps
Zirconium	90-1	59667	60916	60872	60485	1.17	cps
Zirconium	91-1	13726	13470	13636	13611	0.96	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-09	Instrumnet Name :	P7
Client Sample ID :	MYD4T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:39:01	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5664884	5648188	5634679	5649250	0.27	cps
Antimony	121-1	11211	11044	12115	11457	5.03	cps
Arsenic	75-2	38961	37985	38537	38494	1.27	cps
Barium	135-1	663221	677668	675322	672070	1.15	cps
Barium	137-1	1151369	1170182	1169639	1163730	0.92	cps
Beryllium	9-1	1883	1973	1953	1937	2.44	cps
Bismuth	209-1	8598623	8701143	8708698	8669488	0.71	cps
Bismuth	209-2	6836804	6807439	6951832	6865358	1.11	cps
Bromine	81-1	7999	7939	7966	7968	0.38	cps
Bromine	81-2	213	237	247	232	7.37	cps
Cadmium	108-1	270	297	283	283	4.71	cps
Cadmium	106-1	3370	3524	3437	3444	2.23	cps
Cadmium	111-1	4131	4302	4221	4218	2.02	cps
Calcium	43-1	277334	284918	283845	282032	1.46	cps
Calcium	44-1	4215266	4260666	4230125	4235352	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	116170	116925	116952	116682	0.38	cps
Cobalt	59-2	148546	147519	146419	147495	0.72	cps
Copper	63-2	413328	409787	413286	412134	0.49	cps
Dysprosium	156-1	70154	72023	71072	71083	1.31	cps
Dysprosium	156-2	53093	53244	53538	53292	0.42	cps
Erbium	164-1	62894	63346	63567	63269	0.54	cps
Erbium	164-2	41642	41307	42090	41680	0.94	cps
Gadolinium	160-1	68017	69702	69907	69209	1.50	cps
Gadolinium	160-2	46132	47072	47009	46738	1.12	cps
Holmium	165-1	13899653	14064148	14004823	13989541	0.60	cps
Holmium	165-2	9199060	9116403	9301905	9205790	1.01	cps
Indium	115-1	10157037	10108255	10094022	10119771	0.33	cps
Indium	115-2	3084087	3106028	3120283	3103466	0.59	cps
Iron	56-2	214688383	214808723	215043483	214846863	0.08	cps
Iron	57-2	5206951	5237772	5275739	5240154	0.66	cps
Iron	54-2	11668979	11568330	11403558	11546956	1.16	cps
Krypton	83-1	180	170	173	174	2.92	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-09	Instrumnet Name :	P7
Client Sample ID :	MYD4T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:39:01	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	540525	553077	555192	549598	1.44	cps
Lead	207-1	497494	505696	510798	504662	1.33	cps
Lead	208-1	2196728	2250394	2259166	2235429	1.51	cps
Lithium	6-1	2032114	2029457	2002961	2021510	0.80	cps
Magnesium	24-2	3548489	3536465	3548905	3544620	0.20	cps
Manganese	55-2	3020925	3040441	3040844	3034070	0.38	cps
Molybdenum	94-1	38036	38892	38514	38480	1.11	cps
Molybdenum	95-1	4371	4391	4521	4427	1.84	cps
Molybdenum	96-1	14107	13830	14150	14029	1.24	cps
Molybdenum	97-1	2704	2930	2760	2798	4.22	cps
Molybdenum	98-1	6678	6845	7479	7001	6.03	cps
Neodymium	150-1	113784	116866	115868	115506	1.36	cps
Neodymium	150-2	62417	62447	61972	62279	0.43	cps
Nickel	60-2	39388	38496	39141	39008	1.18	cps
Phosphorus	31-2	15862	15968	15768	15866	0.63	cps
Potassium	39-2	1546270	1574275	1575701	1565415	1.06	cps
Rhodium	103-1	8812713	8881156	8898631	8864167	0.51	cps
Rhodium	103-2	4806295	4792803	4816032	4805043	0.24	cps
Scandium	45-1	5104726	5072283	5104039	5093683	0.36	cps
Scandium	45-2	392876	391672	395515	393355	0.50	cps
Selenium	82-1	839	797	793	810	3.16	cps
Selenium	77-2	133	120	117	123	7.15	cps
Selenium	78-2	170	253	210	211	19.74	cps
Silicon	28-1	10996273	11232703	11249182	11159386	1.27	cps
Silver	107-1	5631	5885	6011	5842	3.31	cps
Silver	109-1	5398	5628	5671	5566	2.64	cps
Sodium	23-2	78103	78435	79051	78530	0.61	cps
Strontium	86-1	166409	170042	169536	168662	1.17	cps
Strontium	88-1	1453127	1481498	1492768	1475798	1.38	cps
Sulfur	34-1	108992	109102	110650	109581	0.85	cps
Terbium	159-1	14394842	14596057	14523634	14504844	0.70	cps
Terbium	159-2	9131462	9052485	9104892	9096280	0.44	cps
Thallium	203-1	2110	2080	1994	2061	2.94	cps
Thallium	205-1	4774	5138	4964	4959	3.67	cps
Tin	118-1	11928	12209	12369	12169	1.83	cps
Titanium	47-1	902991	909915	913483	908796	0.59	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-09	Instrumnet Name :	P7
Client Sample ID :	MYD4T3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:39:01	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22896	23147	23444	23162	1.18	cps
Vanadium	51-2	413695	414169	409806	412557	0.58	cps
Yttrium	89-1	11339671	11301997	11369080	11336916	0.30	cps
Yttrium	89-2	2521496	2530722	2531228	2527815	0.22	cps
Zinc	66-2	159511	159147	157335	158664	0.73	cps
Zirconium	90-1	94381	96423	96125	95643	1.15	cps
Zirconium	91-1	21552	21626	22043	21741	1.22	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-10	Instrumnet Name :	P7
Client Sample ID :	MYD4T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:42:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3939361	3986506	3958031	3961299	0.60	cps
Antimony	121-1	15916	15986	16062	15988	0.46	cps
Arsenic	75-2	37594	37163	38313	37690	1.54	cps
Barium	135-1	549196	555995	556666	553952	0.75	cps
Barium	137-1	945640	962601	967204	958482	1.18	cps
Beryllium	9-1	1373	1547	1500	1473	6.09	cps
Bismuth	209-1	8736544	8693235	8659041	8696273	0.45	cps
Bismuth	209-2	6717510	6806294	6746126	6756643	0.67	cps
Bromine	81-1	7715	7529	8046	7763	3.37	cps
Bromine	81-2	193	257	217	222	14.41	cps
Cadmium	108-1	313	307	287	302	4.59	cps
Cadmium	106-1	3644	3257	3287	3396	6.34	cps
Cadmium	111-1	4690	4530	4764	4661	2.57	cps
Calcium	43-1	211003	213753	214311	213022	0.83	cps
Calcium	44-1	3181863	3202193	3185808	3189955	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93054	91512	93413	92660	1.09	cps
Cobalt	59-2	138438	137691	137946	138025	0.27	cps
Copper	63-2	434741	435031	434260	434678	0.09	cps
Dysprosium	156-1	60309	60171	60714	60398	0.47	cps
Dysprosium	156-2	45183	44413	44935	44844	0.88	cps
Erbium	164-1	52816	53284	53780	53293	0.90	cps
Erbium	164-2	34643	34071	34325	34347	0.83	cps
Gadolinium	160-1	57283	57792	58773	57949	1.31	cps
Gadolinium	160-2	39729	40575	38881	39728	2.13	cps
Holmium	165-1	14091007	14033170	14150274	14091484	0.42	cps
Holmium	165-2	9126716	9142577	9088990	9119428	0.30	cps
Indium	115-1	10297717	10060308	10046719	10134915	1.39	cps
Indium	115-2	3040770	3065431	3015634	3040612	0.82	cps
Iron	56-2	174163797	174611237	174836611	174537215	0.20	cps
Iron	57-2	4312243	4311507	4298074	4307275	0.19	cps
Iron	54-2	9364849	9479509	9417592	9420650	0.61	cps
Krypton	83-1	187	160	200	182	11.18	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-10	Instrumnet Name :	P7
Client Sample ID :	MYD4T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:42:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	620311	621744	624818	622291	0.37	cps
Lead	207-1	567301	578447	576251	574000	1.03	cps
Lead	208-1	2520511	2551509	2556214	2542745	0.76	cps
Lithium	6-1	1990800	1991358	2001761	1994640	0.31	cps
Magnesium	24-2	2555506	2520150	2523481	2533046	0.77	cps
Manganese	55-2	2744088	2772689	2745790	2754189	0.58	cps
Molybdenum	94-1	27957	28371	28097	28142	0.75	cps
Molybdenum	95-1	4564	4744	4604	4637	2.04	cps
Molybdenum	96-1	11718	11985	12295	11999	2.41	cps
Molybdenum	97-1	2977	2920	3107	3001	3.19	cps
Molybdenum	98-1	7472	7472	7612	7519	1.08	cps
Neodymium	150-1	96796	97239	100119	98051	1.84	cps
Neodymium	150-2	52698	53464	52828	52997	0.77	cps
Nickel	60-2	32365	32241	32672	32426	0.68	cps
Phosphorus	31-2	16255	15832	16155	16081	1.38	cps
Potassium	39-2	1716297	1736021	1724714	1725677	0.57	cps
Rhodium	103-1	8962038	8928071	8852891	8914334	0.63	cps
Rhodium	103-2	4747098	4814295	4720780	4760725	1.01	cps
Scandium	45-1	5039645	5000559	5033324	5024509	0.42	cps
Scandium	45-2	384530	383823	381561	383305	0.40	cps
Selenium	82-1	800	795	794	796	0.44	cps
Selenium	77-2	137	107	153	132	17.89	cps
Selenium	78-2	183	223	200	202	9.94	cps
Silicon	28-1	9317388	9351518	9424644	9364517	0.59	cps
Silver	107-1	7272	7999	7575	7615	4.80	cps
Silver	109-1	7118	7499	7335	7317	2.61	cps
Sodium	23-2	67818	69362	70427	69202	1.90	cps
Strontium	86-1	138043	140301	140744	139696	1.04	cps
Strontium	88-1	1209382	1220872	1228856	1219703	0.80	cps
Sulfur	34-1	105410	105246	105051	105236	0.17	cps
Terbium	159-1	14397302	14328503	14376103	14367303	0.25	cps
Terbium	159-2	8949174	8868771	8860584	8892843	0.55	cps
Thallium	203-1	2030	2117	2057	2068	2.15	cps
Thallium	205-1	4978	4808	5014	4933	2.24	cps
Tin	118-1	12085	12028	12566	12226	2.41	cps
Titanium	47-1	909585	920682	926001	918756	0.91	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-10	Instrumnet Name :	P7
Client Sample ID :	MYD4T4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:42:13	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23090	23467	22843	23133	1.36	cps
Vanadium	51-2	332973	332711	331825	332503	0.18	cps
Yttrium	89-1	11302649	11046382	11127224	11158751	1.17	cps
Yttrium	89-2	2461749	2436725	2436155	2444876	0.60	cps
Zinc	66-2	165070	165030	164467	164856	0.20	cps
Zirconium	90-1	66979	68180	69718	68292	2.01	cps
Zirconium	91-1	14784	15095	15238	15039	1.54	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-11	Instrumnet Name :	P7
Client Sample ID :	MYD4T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:45:23	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2813329	2797954	2748412	2786565	1.22	cps
Antimony	121-1	15248	15649	15996	15631	2.39	cps
Arsenic	75-2	28320	28504	28444	28423	0.33	cps
Barium	135-1	447231	450348	454672	450751	0.83	cps
Barium	137-1	767763	780624	787240	778542	1.27	cps
Beryllium	9-1	1280	1140	1123	1181	7.29	cps
Bismuth	209-1	8532129	8539725	8526093	8532649	0.08	cps
Bismuth	209-2	6755326	6824921	6899886	6826711	1.06	cps
Bromine	81-1	7772	8122	7936	7943	2.21	cps
Bromine	81-2	200	213	183	199	7.56	cps
Cadmium	108-1	260	190	247	232	16.01	cps
Cadmium	106-1	3074	3357	3094	3175	4.98	cps
Cadmium	111-1	3323	3467	3643	3478	4.61	cps
Calcium	43-1	133941	135942	136365	135416	0.96	cps
Calcium	44-1	1994308	2032089	2052189	2026195	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	61772	63028	61893	62231	1.11	cps
Cobalt	59-2	93817	94324	94364	94168	0.32	cps
Copper	63-2	234095	232833	234328	233752	0.34	cps
Dysprosium	156-1	48580	49313	49303	49065	0.86	cps
Dysprosium	156-2	36748	36240	37527	36838	1.76	cps
Erbium	164-1	40094	40368	40178	40213	0.35	cps
Erbium	164-2	26468	26876	26201	26515	1.28	cps
Gadolinium	160-1	44129	45447	46229	45268	2.34	cps
Gadolinium	160-2	31626	31435	31349	31470	0.45	cps
Holmium	165-1	13556900	13640834	13647544	13615093	0.37	cps
Holmium	165-2	9140232	9173592	9124829	9146218	0.27	cps
Indium	115-1	9909380	10035062	9855949	9933464	0.93	cps
Indium	115-2	3056733	3077324	3085890	3073316	0.49	cps
Iron	56-2	109329585	109288235	108956598	109191473	0.19	cps
Iron	57-2	2706574	2717967	2668806	2697782	0.95	cps
Iron	54-2	5903876	5825012	5849322	5859404	0.69	cps
Krypton	83-1	163	150	160	158	4.40	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-11	Instrumnet Name :	P7
Client Sample ID :	MYD4T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:45:23	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	591443	597079	605435	597986	1.18	cps
Lead	207-1	556002	561118	561791	559637	0.57	cps
Lead	208-1	2430370	2462762	2479649	2457593	1.02	cps
Lithium	6-1	1945148	1926377	1940177	1937234	0.50	cps
Magnesium	24-2	1817500	1815014	1804005	1812173	0.40	cps
Manganese	55-2	2427738	2394323	2416935	2412998	0.71	cps
Molybdenum	94-1	20217	20895	20792	20635	1.77	cps
Molybdenum	95-1	4651	4657	4294	4534	4.59	cps
Molybdenum	96-1	9597	9687	9873	9719	1.45	cps
Molybdenum	97-1	2807	2944	2894	2881	2.40	cps
Molybdenum	98-1	7182	7482	7579	7414	2.79	cps
Neodymium	150-1	80216	79790	82167	80725	1.57	cps
Neodymium	150-2	43417	43788	42594	43266	1.41	cps
Nickel	60-2	22534	22414	22627	22525	0.48	cps
Phosphorus	31-2	10590	10734	10554	10626	0.90	cps
Potassium	39-2	1578835	1556063	1555283	1563394	0.86	cps
Rhodium	103-1	8702601	8816608	8743550	8754253	0.66	cps
Rhodium	103-2	4785100	4692182	4770327	4749203	1.05	cps
Scandium	45-1	4879885	4837072	4871393	4862783	0.47	cps
Scandium	45-2	380135	378648	379221	379335	0.20	cps
Selenium	82-1	735	671	730	712	5.01	cps
Selenium	77-2	127	77	70	91	33.99	cps
Selenium	78-2	197	207	210	204	3.39	cps
Silicon	28-1	6811159	6857647	6938426	6869077	0.94	cps
Silver	107-1	4818	4994	4924	4912	1.81	cps
Silver	109-1	4507	5071	4574	4717	6.53	cps
Sodium	23-2	60846	62151	60823	61273	1.24	cps
Strontium	86-1	103020	104575	103916	103837	0.75	cps
Strontium	88-1	902934	910671	914952	909519	0.67	cps
Sulfur	34-1	106635	107367	107357	107120	0.39	cps
Terbium	159-1	14101339	14025367	14170983	14099230	0.52	cps
Terbium	159-2	8929289	8979987	8888450	8932575	0.51	cps
Thallium	203-1	1967	1997	1797	1920	5.62	cps
Thallium	205-1	4361	4321	4401	4361	0.92	cps
Tin	118-1	10200	10471	10414	10362	1.38	cps
Titanium	47-1	748783	758836	761725	756448	0.90	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-11	Instrumnet Name :	P7
Client Sample ID :	MYD4T5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:45:23	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19514	20022	19478	19671	1.55	cps
Vanadium	51-2	171640	171624	171471	171578	0.05	cps
Yttrium	89-1	10777236	10712436	10773046	10754239	0.34	cps
Yttrium	89-2	2449864	2416185	2451902	2439317	0.82	cps
Zinc	66-2	141048	140769	140779	140865	0.11	cps
Zirconium	90-1	47523	48098	48055	47892	0.67	cps
Zirconium	91-1	10594	10951	10524	10690	2.14	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-12	Instrumnet Name :	P7
Client Sample ID :	MYD4T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:48:33	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3004635	2998207	2955351	2986064	0.90	cps
Antimony	121-1	10891	10898	10938	10909	0.23	cps
Arsenic	75-2	20811	20491	20584	20629	0.80	cps
Barium	135-1	470899	478028	480907	476611	1.08	cps
Barium	137-1	818749	830740	831275	826921	0.86	cps
Beryllium	9-1	1223	1280	1207	1237	3.11	cps
Bismuth	209-1	8534065	8631298	8711508	8625623	1.03	cps
Bismuth	209-2	6868501	6945152	6817949	6877200	0.93	cps
Bromine	81-1	7495	7722	8029	7749	3.46	cps
Bromine	81-2	127	123	197	149	27.81	cps
Cadmium	108-1	163	150	207	173	17.09	cps
Cadmium	106-1	3294	3340	3177	3270	2.57	cps
Cadmium	111-1	2528	2472	2627	2542	3.09	cps
Calcium	43-1	165925	167853	169798	167859	1.15	cps
Calcium	44-1	2505774	2529684	2521849	2519102	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	77437	76995	76764	77065	0.44	cps
Cobalt	59-2	116561	116742	115809	116371	0.43	cps
Copper	63-2	256376	256867	257502	256915	0.22	cps
Dysprosium	156-1	49965	51574	51638	51059	1.86	cps
Dysprosium	156-2	39064	39258	38727	39016	0.69	cps
Erbium	164-1	42692	43223	44394	43436	2.00	cps
Erbium	164-2	29194	28773	28690	28885	0.94	cps
Gadolinium	160-1	46751	49202	47587	47847	2.60	cps
Gadolinium	160-2	33266	33714	32748	33243	1.45	cps
Holmium	165-1	13797647	13855007	13889130	13847261	0.33	cps
Holmium	165-2	9232611	9264446	9047243	9181433	1.28	cps
Indium	115-1	10063697	10157742	10123636	10115025	0.47	cps
Indium	115-2	3059098	3076811	3036411	3057440	0.66	cps
Iron	56-2	142154018	142394738	140994275	141847677	0.53	cps
Iron	57-2	3537692	3480021	3511026	3509579	0.82	cps
Iron	54-2	7718604	7742535	7600810	7687316	0.99	cps
Krypton	83-1	187	123	170	160	20.52	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-12	Instrumnet Name :	P7
Client Sample ID :	MYD4T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:48:33	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	275503	276205	278840	276849	0.64	cps
Lead	207-1	248035	250306	250673	249671	0.57	cps
Lead	208-1	1105778	1113579	1121829	1113729	0.72	cps
Lithium	6-1	1975029	1976283	2001375	1984229	0.75	cps
Magnesium	24-2	1921929	1941449	1930908	1931428	0.51	cps
Manganese	55-2	2471677	2473348	2441032	2462019	0.74	cps
Molybdenum	94-1	21172	21175	21957	21435	2.11	cps
Molybdenum	95-1	3847	3947	4014	3936	2.13	cps
Molybdenum	96-1	9917	9767	9903	9862	0.84	cps
Molybdenum	97-1	2360	2430	2404	2398	1.47	cps
Molybdenum	98-1	6305	6328	6191	6275	1.17	cps
Neodymium	150-1	83002	83747	84582	83777	0.94	cps
Neodymium	150-2	45700	45878	44560	45379	1.58	cps
Nickel	60-2	26403	26433	26083	26306	0.74	cps
Phosphorus	31-2	12415	12612	12629	12552	0.95	cps
Potassium	39-2	1374029	1402085	1384695	1386936	1.02	cps
Rhodium	103-1	8804642	8909842	8966548	8893677	0.92	cps
Rhodium	103-2	4789171	4823208	4721763	4778047	1.08	cps
Scandium	45-1	4980646	4943368	4924632	4949549	0.58	cps
Scandium	45-2	381456	381033	378014	380167	0.49	cps
Selenium	82-1	768	641	727	712	9.14	cps
Selenium	77-2	73	87	90	83	10.59	cps
Selenium	78-2	220	187	183	197	10.31	cps
Silicon	28-1	9755558	9903476	9870026	9843020	0.79	cps
Silver	107-1	2244	2237	2130	2204	2.89	cps
Silver	109-1	2117	2000	2127	2081	3.38	cps
Sodium	23-2	58966	59561	59089	59205	0.53	cps
Strontium	86-1	110866	112862	114356	112695	1.55	cps
Strontium	88-1	969115	991227	994188	984843	1.39	cps
Sulfur	34-1	99891	99253	102350	100498	1.63	cps
Terbium	159-1	14206077	14368855	14252794	14275909	0.59	cps
Terbium	159-2	8968158	8856773	8883906	8902945	0.65	cps
Thallium	203-1	1453	1567	1647	1556	6.25	cps
Thallium	205-1	3737	3821	3641	3733	2.41	cps
Tin	118-1	8906	8913	9383	9067	3.02	cps
Titanium	47-1	941417	948682	956442	948847	0.79	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-12	Instrumnet Name :	P7
Client Sample ID :	MYD4T6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:48:33	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20239	19855	20419	20171	1.43	cps
Vanadium	51-2	293635	293855	292579	293357	0.23	cps
Yttrium	89-1	10917058	10920155	11062521	10966578	0.76	cps
Yttrium	89-2	2453940	2460200	2453239	2455793	0.16	cps
Zinc	66-2	81745	82526	82995	82422	0.77	cps
Zirconium	90-1	50523	51992	51781	51432	1.54	cps
Zirconium	91-1	11184	11455	12096	11578	4.04	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-13	Instrumnet Name :	P7
Client Sample ID :	MYD4T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:51:43	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2955174	2999759	2981961	2978965	0.75	cps
Antimony	121-1	17618	17591	17598	17602	0.08	cps
Arsenic	75-2	29984	30394	30271	30216	0.70	cps
Barium	135-1	440205	445609	448277	444697	0.92	cps
Barium	137-1	767124	771204	777704	772011	0.69	cps
Beryllium	9-1	1200	1177	1107	1161	4.18	cps
Bismuth	209-1	8559684	8607323	8678937	8615315	0.70	cps
Bismuth	209-2	6810935	6863839	6838490	6837755	0.39	cps
Bromine	81-1	8406	8226	8659	8430	2.58	cps
Bromine	81-2	257	273	227	252	9.38	cps
Cadmium	108-1	247	247	290	261	9.58	cps
Cadmium	106-1	3350	3430	3194	3325	3.62	cps
Cadmium	111-1	4071	4019	4179	4090	2.01	cps
Calcium	43-1	171524	173930	174884	173446	1.00	cps
Calcium	44-1	2573531	2625212	2634168	2610970	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	67490	67919	66107	67172	1.41	cps
Cobalt	59-2	115369	114717	114513	114866	0.39	cps
Copper	63-2	410266	410632	409909	410269	0.09	cps
Dysprosium	156-1	53642	53685	54080	53802	0.45	cps
Dysprosium	156-2	40933	40996	40207	40712	1.08	cps
Erbium	164-1	43390	44464	43942	43932	1.22	cps
Erbium	164-2	28716	29067	29284	29022	0.99	cps
Gadolinium	160-1	49470	50126	50357	49984	0.92	cps
Gadolinium	160-2	34733	34405	34756	34632	0.57	cps
Holmium	165-1	13883373	13850909	13967803	13900695	0.43	cps
Holmium	165-2	9327049	9126354	9207391	9220265	1.10	cps
Indium	115-1	10047971	10152496	10136573	10112347	0.56	cps
Indium	115-2	3090260	3085939	3072457	3082885	0.30	cps
Iron	56-2	141159185	141049575	140148988	140785916	0.39	cps
Iron	57-2	3501780	3474700	3467692	3481390	0.52	cps
Iron	54-2	7556176	7595303	7550668	7567382	0.32	cps
Krypton	83-1	150	123	120	131	12.54	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-13	Instrumnet Name :	P7
Client Sample ID :	MYD4T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:51:43	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	591290	592305	598574	594057	0.66	cps
Lead	207-1	540715	550755	551424	547631	1.10	cps
Lead	208-1	2397950	2423253	2442316	2421173	0.92	cps
Lithium	6-1	1919424	1948116	1938559	1935366	0.75	cps
Magnesium	24-2	2340284	2359673	2302806	2334255	1.24	cps
Manganese	55-2	2656813	2646923	2651489	2651741	0.19	cps
Molybdenum	94-1	17824	18121	18388	18111	1.56	cps
Molybdenum	95-1	4494	4667	4561	4574	1.91	cps
Molybdenum	96-1	9817	9887	10117	9940	1.58	cps
Molybdenum	97-1	2680	2947	2864	2830	4.82	cps
Molybdenum	98-1	7269	7509	6845	7207	4.66	cps
Neodymium	150-1	89488	89478	89243	89403	0.15	cps
Neodymium	150-2	49363	48426	47921	48570	1.51	cps
Nickel	60-2	26754	27261	27405	27140	1.26	cps
Phosphorus	31-2	14187	14360	13966	14171	1.39	cps
Potassium	39-2	1507658	1487954	1448280	1481298	2.04	cps
Rhodium	103-1	8988917	8988724	8868787	8948810	0.77	cps
Rhodium	103-2	4861070	4837999	4793154	4830741	0.71	cps
Scandium	45-1	4960479	4946171	4959541	4955397	0.16	cps
Scandium	45-2	383249	383621	383317	383396	0.05	cps
Selenium	82-1	717	628	658	668	6.73	cps
Selenium	77-2	103	117	100	107	8.27	cps
Selenium	78-2	177	230	200	202	13.22	cps
Silicon	28-1	7235583	7371396	7389168	7332049	1.15	cps
Silver	107-1	5818	5808	5935	5853	1.20	cps
Silver	109-1	5348	5484	5398	5410	1.28	cps
Sodium	23-2	64856	64190	64501	64515	0.52	cps
Strontium	86-1	102016	102886	103222	102708	0.61	cps
Strontium	88-1	890261	904449	906412	900374	0.98	cps
Sulfur	34-1	106867	105913	108022	106934	0.99	cps
Terbium	159-1	14095011	14419196	14416304	14310170	1.30	cps
Terbium	159-2	8970787	9069798	9068239	9036275	0.63	cps
Thallium	203-1	1773	1723	1657	1718	3.41	cps
Thallium	205-1	3834	4051	4054	3980	3.17	cps
Tin	118-1	10090	10300	10300	10230	1.19	cps
Titanium	47-1	659930	671280	672940	668050	1.06	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-13	Instrumnet Name :	P7
Client Sample ID :	MYD4T7	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:51:43	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16490	16517	16841	16616	1.17	cps
Vanadium	51-2	229346	227529	226615	227830	0.61	cps
Yttrium	89-1	10862218	10955873	11100733	10972941	1.10	cps
Yttrium	89-2	2479893	2480643	2471041	2477192	0.22	cps
Zinc	66-2	143161	142808	142977	142982	0.12	cps
Zirconium	90-1	41582	41565	41662	41603	0.12	cps
Zirconium	91-1	8883	9180	9436	9166	3.02	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-14	Instrumnet Name :	P7
Client Sample ID :	MYD4T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:54:56	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4205252	4235647	4185056	4208652	0.61	cps
Antimony	121-1	4754	4854	4958	4855	2.09	cps
Arsenic	75-2	8663	8573	8953	8729	2.28	cps
Barium	135-1	678606	690559	691041	686735	1.03	cps
Barium	137-1	1172907	1198815	1204591	1192104	1.42	cps
Beryllium	9-1	1607	1617	1647	1623	1.28	cps
Bismuth	209-1	8443241	8646387	8727096	8605575	1.70	cps
Bismuth	209-2	6891998	6887648	6788937	6856194	0.85	cps
Bromine	81-1	8386	8379	7936	8233	3.13	cps
Bromine	81-2	333	313	290	312	6.95	cps
Cadmium	108-1	107	113	127	116	8.81	cps
Cadmium	106-1	3147	3194	2894	3078	5.25	cps
Cadmium	111-1	1585	1565	1496	1549	3.03	cps
Calcium	43-1	205109	207690	208643	207147	0.88	cps
Calcium	44-1	3059157	3116390	3089360	3088302	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84569	84454	84005	84343	0.35	cps
Cobalt	59-2	122303	121974	120989	121755	0.56	cps
Copper	63-2	168628	169774	168614	169005	0.39	cps
Dysprosium	156-1	65425	66279	66084	65929	0.68	cps
Dysprosium	156-2	49881	50400	49788	50023	0.66	cps
Erbium	164-1	55433	55309	56872	55871	1.56	cps
Erbium	164-2	36244	36765	36284	36431	0.80	cps
Gadolinium	160-1	62378	62783	62793	62651	0.38	cps
Gadolinium	160-2	42564	42875	43236	42892	0.78	cps
Holmium	165-1	13864520	13953792	14094343	13970885	0.83	cps
Holmium	165-2	9272948	9205179	9254686	9244271	0.38	cps
Indium	115-1	10037373	10126579	10161031	10108328	0.63	cps
Indium	115-2	3081509	3063397	3062088	3068998	0.35	cps
Iron	56-2	143533228	143105185	143546151	143394855	0.18	cps
Iron	57-2	3557749	3549223	3566121	3557697	0.24	cps
Iron	54-2	7757261	7803295	7705932	7755496	0.63	cps
Krypton	83-1	160	187	160	169	9.12	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-14	Instrumnet Name :	P7
Client Sample ID :	MYD4T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:54:56	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	126825	128255	130038	128373	1.25	cps
Lead	207-1	104534	106990	108152	106559	1.73	cps
Lead	208-1	485931	494586	498018	492845	1.26	cps
Lithium	6-1	1927406	1925499	1968280	1940395	1.25	cps
Magnesium	24-2	2601884	2558642	2591864	2584130	0.88	cps
Manganese	55-2	3089426	3082987	3113384	3095266	0.52	cps
Molybdenum	94-1	27776	28444	28464	28228	1.39	cps
Molybdenum	95-1	3284	3417	3507	3403	3.30	cps
Molybdenum	96-1	10551	10857	10687	10698	1.44	cps
Molybdenum	97-1	1933	2290	2007	2077	9.07	cps
Molybdenum	98-1	5524	5695	5524	5581	1.76	cps
Neodymium	150-1	109265	108291	110821	109459	1.17	cps
Neodymium	150-2	58718	60027	58220	58988	1.58	cps
Nickel	60-2	32489	32111	32402	32334	0.61	cps
Phosphorus	31-2	10210	10457	10080	10249	1.87	cps
Potassium	39-2	1946618	2000660	1995167	1980815	1.50	cps
Rhodium	103-1	8838644	8903175	8977882	8906567	0.78	cps
Rhodium	103-2	4812295	4754923	4841157	4802792	0.91	cps
Scandium	45-1	4983701	4998598	5020712	5001003	0.37	cps
Scandium	45-2	386846	383963	385339	385383	0.37	cps
Selenium	82-1	721	726	704	717	1.57	cps
Selenium	77-2	93	147	127	122	22.05	cps
Selenium	78-2	163	210	260	211	22.90	cps
Silicon	28-1	9128420	9252954	9344985	9242120	1.18	cps
Silver	107-1	903	1000	900	934	6.08	cps
Silver	109-1	817	853	863	844	2.91	cps
Sodium	23-2	62928	63600	64293	63607	1.07	cps
Strontium	86-1	145241	146779	147062	146360	0.67	cps
Strontium	88-1	1263581	1280580	1280424	1274861	0.77	cps
Sulfur	34-1	98394	97911	97525	97943	0.44	cps
Terbium	159-1	14228140	14458084	14496013	14394079	1.01	cps
Terbium	159-2	9110919	8999403	9090884	9067069	0.66	cps
Thallium	203-1	1807	1957	1820	1861	4.46	cps
Thallium	205-1	4181	4578	4531	4430	4.90	cps
Tin	118-1	9563	9720	9290	9524	2.29	cps
Titanium	47-1	903873	907704	912385	907987	0.47	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-14	Instrumnet Name :	P7
Client Sample ID :	MYD4T8	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:54:56	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24803	24920	25391	25038	1.24	cps
Vanadium	51-2	241427	240130	241742	241100	0.35	cps
Yttrium	89-1	11052577	11144047	11223356	11139993	0.77	cps
Yttrium	89-2	2496032	2457722	2479876	2477877	0.78	cps
Zinc	66-2	56597	56018	55352	55989	1.11	cps
Zirconium	90-1	69054	70354	70960	70123	1.39	cps
Zirconium	91-1	15622	15842	15789	15751	0.73	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-15	Instrumnet Name :	P7
Client Sample ID :	MYD4T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:58:06	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3433806	3384509	3442984	3420433	0.92	cps
Antimony	121-1	7289	7098	7175	7187	1.33	cps
Arsenic	75-2	15902	16549	16529	16327	2.25	cps
Barium	135-1	522405	530034	531430	527957	0.92	cps
Barium	137-1	905532	917021	917334	913296	0.74	cps
Beryllium	9-1	1200	1347	1210	1252	6.54	cps
Bismuth	209-1	8445614	8572900	8620081	8546198	1.06	cps
Bismuth	209-2	6792329	6801008	6762464	6785267	0.30	cps
Bromine	81-1	8292	8409	8456	8386	1.00	cps
Bromine	81-2	223	203	217	214	4.75	cps
Cadmium	108-1	177	143	147	156	11.80	cps
Cadmium	106-1	3207	3084	3024	3105	3.01	cps
Cadmium	111-1	2276	2209	2140	2208	3.08	cps
Calcium	43-1	236151	236196	238552	236967	0.58	cps
Calcium	44-1	3535098	3546377	3568773	3550083	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	76261	75581	76560	76134	0.66	cps
Cobalt	59-2	105917	104484	103597	104666	1.12	cps
Copper	63-2	229556	227384	228274	228405	0.48	cps
Dysprosium	156-1	54298	53936	54375	54203	0.43	cps
Dysprosium	156-2	41414	40933	41876	41407	1.14	cps
Erbium	164-1	45069	45032	45691	45264	0.82	cps
Erbium	164-2	30243	29661	29895	29933	0.98	cps
Gadolinium	160-1	50792	52053	51160	51335	1.26	cps
Gadolinium	160-2	35181	35565	34817	35187	1.06	cps
Holmium	165-1	13820579	13912634	13906344	13879853	0.37	cps
Holmium	165-2	9070023	9131005	8986698	9062575	0.80	cps
Indium	115-1	9993667	10023074	10016383	10011041	0.15	cps
Indium	115-2	3043164	3080323	3034792	3052760	0.79	cps
Iron	56-2	120939178	120654502	119386578	120326753	0.69	cps
Iron	57-2	2980884	3020507	2968110	2989833	0.91	cps
Iron	54-2	6434064	6526483	6547645	6502731	0.93	cps
Krypton	83-1	143	157	123	141	11.89	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-15	Instrumnet Name :	P7
Client Sample ID :	MYD4T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:58:06	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	235021	238216	235859	236365	0.70	cps
Lead	207-1	210180	212300	211825	211435	0.53	cps
Lead	208-1	938794	953920	950335	947683	0.83	cps
Lithium	6-1	1929538	1945427	1945137	1940034	0.47	cps
Magnesium	24-2	2458195	2486836	2480096	2475042	0.61	cps
Manganese	55-2	2432071	2421903	2434640	2429538	0.28	cps
Molybdenum	94-1	21352	21940	21613	21635	1.36	cps
Molybdenum	95-1	3470	3480	3454	3468	0.39	cps
Molybdenum	96-1	8699	9183	9173	9018	3.06	cps
Molybdenum	97-1	2117	2110	2204	2144	2.43	cps
Molybdenum	98-1	5674	5528	5344	5516	3.00	cps
Neodymium	150-1	89528	90535	91299	90454	0.98	cps
Neodymium	150-2	48914	49041	48302	48753	0.81	cps
Nickel	60-2	31049	31233	30902	31061	0.53	cps
Phosphorus	31-2	11031	11194	11017	11081	0.89	cps
Potassium	39-2	1455829	1442678	1449089	1449199	0.45	cps
Rhodium	103-1	8781290	8811573	8802484	8798449	0.18	cps
Rhodium	103-2	4748730	4703323	4702902	4718318	0.56	cps
Scandium	45-1	4889849	4896800	4908123	4898257	0.19	cps
Scandium	45-2	376145	377702	377460	377102	0.22	cps
Selenium	82-1	672	711	643	675	5.05	cps
Selenium	77-2	117	90	103	103	12.90	cps
Selenium	78-2	197	220	257	224	13.48	cps
Silicon	28-1	7482985	7589921	7615038	7562648	0.93	cps
Silver	107-1	2644	2740	2817	2734	3.18	cps
Silver	109-1	2497	2564	2530	2530	1.32	cps
Sodium	23-2	59551	60368	59762	59894	0.71	cps
Strontium	86-1	120699	124417	124232	123116	1.70	cps
Strontium	88-1	1064903	1078951	1082277	1075377	0.86	cps
Sulfur	34-1	99572	100669	101111	100451	0.79	cps
Terbium	159-1	14120679	14291851	14156863	14189798	0.64	cps
Terbium	159-2	8929158	8896411	8845901	8890490	0.47	cps
Thallium	203-1	1500	1497	1517	1505	0.71	cps
Thallium	205-1	3664	3761	3817	3747	2.07	cps
Tin	118-1	8042	8453	8913	8469	5.14	cps
Titanium	47-1	618529	626293	633871	626231	1.23	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-15	Instrumnet Name :	P7
Client Sample ID :	MYD4T9	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 15:58:06	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17405	17645	16594	17215	3.20	cps
Vanadium	51-2	193148	193291	193851	193430	0.19	cps
Yttrium	89-1	10905582	10896502	10935414	10912499	0.19	cps
Yttrium	89-2	2434361	2420847	2417000	2424069	0.38	cps
Zinc	66-2	79111	80083	80442	79879	0.86	cps
Zirconium	90-1	52687	53714	53527	53310	1.03	cps
Zirconium	91-1	11631	11852	11982	11822	1.50	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-16	Instrumnet Name :	P7
Client Sample ID :	MYD4W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:01:17	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4468597	4388087	4324219	4393634	1.65	cps
Antimony	121-1	9206	9603	9477	9429	2.15	cps
Arsenic	75-2	25095	24744	24894	24911	0.71	cps
Barium	135-1	612123	620534	622020	618226	0.86	cps
Barium	137-1	1058713	1071997	1081105	1070605	1.05	cps
Beryllium	9-1	1543	1590	1660	1598	3.68	cps
Bismuth	209-1	8246172	8566261	8587177	8466536	2.26	cps
Bismuth	209-2	6845441	6745377	6785316	6792045	0.74	cps
Bromine	81-1	8603	8803	8766	8724	1.22	cps
Bromine	81-2	407	397	360	388	6.34	cps
Cadmium	108-1	247	273	323	281	13.85	cps
Cadmium	106-1	3500	3377	3314	3397	2.80	cps
Cadmium	111-1	4036	4198	4123	4119	1.96	cps
Calcium	43-1	284391	287367	287247	286335	0.59	cps
Calcium	44-1	4218035	4251819	4316914	4262256	1.18	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99535	98730	98649	98972	0.49	cps
Cobalt	59-2	115661	113844	114747	114751	0.79	cps
Copper	63-2	431904	429260	425811	428992	0.71	cps
Dysprosium	156-1	72563	73943	74559	73688	1.39	cps
Dysprosium	156-2	56205	56158	55201	55855	1.01	cps
Erbium	164-1	60443	60329	61478	60750	1.04	cps
Erbium	164-2	39947	40047	39783	39926	0.33	cps
Gadolinium	160-1	68711	69481	70493	69561	1.28	cps
Gadolinium	160-2	47791	48848	47273	47971	1.67	cps
Holmium	165-1	13405692	13745281	13874413	13675129	1.77	cps
Holmium	165-2	9161544	9175689	8986069	9107768	1.16	cps
Indium	115-1	9564777	9866341	9977017	9802711	2.18	cps
Indium	115-2	3055667	3025168	3041280	3040705	0.50	cps
Iron	56-2	139950165	138449498	137577301	138658988	0.87	cps
Iron	57-2	3438665	3381285	3406617	3408855	0.84	cps
Iron	54-2	7489056	7418178	7377681	7428305	0.76	cps
Krypton	83-1	153	163	147	154	5.43	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-16	Instrumnet Name :	P7
Client Sample ID :	MYD4W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:01:17	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	459840	465454	471389	465561	1.24	cps
Lead	207-1	418126	424702	430213	424347	1.43	cps
Lead	208-1	1860376	1882453	1907401	1883410	1.25	cps
Lithium	6-1	1839851	1953601	1983001	1925484	3.93	cps
Magnesium	24-2	3106685	3145841	3093359	3115295	0.88	cps
Manganese	55-2	2977589	2953399	2970888	2967292	0.42	cps
Molybdenum	94-1	23486	23632	23946	23688	0.99	cps
Molybdenum	95-1	4091	4164	4094	4116	1.01	cps
Molybdenum	96-1	9943	10344	10207	10165	2.00	cps
Molybdenum	97-1	2614	2547	2657	2606	2.13	cps
Molybdenum	98-1	6448	6695	6698	6614	2.17	cps
Neodymium	150-1	124786	126939	125771	125832	0.86	cps
Neodymium	150-2	67437	67433	67785	67552	0.30	cps
Nickel	60-2	38072	37898	37400	37790	0.92	cps
Phosphorus	31-2	14520	14794	14283	14533	1.76	cps
Potassium	39-2	2011296	1986839	1955985	1984707	1.40	cps
Rhodium	103-1	8378562	8656071	8774798	8603144	2.36	cps
Rhodium	103-2	4729132	4720815	4676304	4708750	0.60	cps
Scandium	45-1	4751306	4843196	4886878	4827127	1.43	cps
Scandium	45-2	382803	378906	376875	379528	0.79	cps
Selenium	82-1	722	765	701	729	4.43	cps
Selenium	77-2	127	143	177	149	17.10	cps
Selenium	78-2	233	253	257	248	5.09	cps
Silicon	28-1	10149265	10234470	10417824	10267186	1.34	cps
Silver	107-1	5458	5501	5721	5560	2.54	cps
Silver	109-1	5634	5641	5518	5598	1.24	cps
Sodium	23-2	72091	72536	72064	72230	0.37	cps
Strontium	86-1	140200	142538	144052	142263	1.36	cps
Strontium	88-1	1228493	1247612	1251591	1242565	0.99	cps
Sulfur	34-1	111865	114773	113799	113479	1.30	cps
Terbium	159-1	13850103	14250391	14298441	14132978	1.74	cps
Terbium	159-2	8989225	9031793	8897143	8972721	0.77	cps
Thallium	203-1	2380	2297	2190	2289	4.16	cps
Thallium	205-1	5424	5304	5571	5433	2.46	cps
Tin	118-1	12822	13236	13880	13313	4.00	cps
Titanium	47-1	542741	547601	549732	546691	0.66	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-16	Instrumnet Name :	P7
Client Sample ID :	MYD4W0	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:01:17	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21921	21958	21965	21948	0.11	cps
Vanadium	51-2	208077	208164	205711	207318	0.67	cps
Yttrium	89-1	10582509	11080486	11186074	10949689	2.94	cps
Yttrium	89-2	2447044	2480463	2448903	2458803	0.76	cps
Zinc	66-2	137798	136614	137896	137436	0.52	cps
Zirconium	90-1	55411	57321	57679	56804	2.15	cps
Zirconium	91-1	12666	12836	13263	12921	2.38	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-17	Instrumnet Name :	P7
Client Sample ID :	MYD4W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:04:28	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4197776	4205225	4184117	4195706	0.26	cps
Antimony	121-1	8679	8603	8769	8684	0.96	cps
Arsenic	75-2	25966	25442	25105	25504	1.70	cps
Barium	135-1	513779	517487	518339	516535	0.47	cps
Barium	137-1	881642	897607	898960	892736	1.08	cps
Beryllium	9-1	1263	1430	1310	1335	6.44	cps
Bismuth	209-1	8398828	8566552	8484615	8483332	0.99	cps
Bismuth	209-2	6722047	6704877	6650683	6692536	0.56	cps
Bromine	81-1	7902	8479	8419	8267	3.84	cps
Bromine	81-2	333	360	350	348	3.87	cps
Cadmium	108-1	193	203	223	207	7.39	cps
Cadmium	106-1	3157	3317	3027	3167	4.59	cps
Cadmium	111-1	2772	2753	2851	2792	1.86	cps
Calcium	43-1	365000	372167	372180	369782	1.12	cps
Calcium	44-1	5485153	5559906	5540279	5528446	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88229	88524	88762	88505	0.30	cps
Cobalt	59-2	105279	105779	105299	105452	0.27	cps
Copper	63-2	309267	309311	307790	308789	0.28	cps
Dysprosium	156-1	60218	60506	61296	60674	0.92	cps
Dysprosium	156-2	46189	45617	44968	45592	1.34	cps
Erbium	164-1	50775	51223	51568	51189	0.78	cps
Erbium	164-2	33807	32451	33807	33355	2.35	cps
Gadolinium	160-1	57604	58532	57243	57793	1.15	cps
Gadolinium	160-2	40017	39696	39345	39686	0.85	cps
Holmium	165-1	13664359	13714284	13811506	13730050	0.55	cps
Holmium	165-2	9065123	8994305	9004160	9021196	0.43	cps
Indium	115-1	9814434	9797154	9906118	9839235	0.60	cps
Indium	115-2	3024003	2998226	2991602	3004610	0.57	cps
Iron	56-2	137492735	136981138	136460995	136978289	0.38	cps
Iron	57-2	3411309	3379966	3384106	3391794	0.50	cps
Iron	54-2	7391358	7348898	7303852	7348036	0.60	cps
Krypton	83-1	150	147	103	133	19.53	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-17	Instrumnet Name :	P7
Client Sample ID :	MYD4W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:04:28	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357004	364063	361305	360791	0.99	cps
Lead	207-1	321752	326069	327326	325049	0.90	cps
Lead	208-1	1440037	1465406	1460397	1455280	0.92	cps
Lithium	6-1	1945320	1952498	1933041	1943620	0.51	cps
Magnesium	24-2	3406777	3505728	3450488	3454331	1.44	cps
Manganese	55-2	2538414	2541881	2508497	2529597	0.73	cps
Molybdenum	94-1	19520	20551	20277	20116	2.66	cps
Molybdenum	95-1	3944	3907	3967	3939	0.77	cps
Molybdenum	96-1	9296	8893	9630	9273	3.98	cps
Molybdenum	97-1	2527	2370	2390	2429	3.51	cps
Molybdenum	98-1	6045	6155	6008	6069	1.26	cps
Neodymium	150-1	101841	103251	103342	102811	0.82	cps
Neodymium	150-2	55057	53722	54287	54355	1.23	cps
Nickel	60-2	37858	37998	37650	37835	0.46	cps
Phosphorus	31-2	14660	14857	14707	14742	0.70	cps
Potassium	39-2	1400630	1412965	1412768	1408788	0.50	cps
Rhodium	103-1	8615700	8672844	8647404	8645316	0.33	cps
Rhodium	103-2	4638933	4660461	4677479	4658958	0.41	cps
Scandium	45-1	4833078	4825609	4872303	4843663	0.52	cps
Scandium	45-2	374113	375252	372702	374022	0.34	cps
Selenium	82-1	636	664	645	649	2.17	cps
Selenium	77-2	100	97	110	102	6.79	cps
Selenium	78-2	187	197	180	188	4.47	cps
Silicon	28-1	9760650	9791860	9955178	9835896	1.06	cps
Silver	107-1	3384	3354	3577	3438	3.53	cps
Silver	109-1	3024	3204	3284	3170	4.20	cps
Sodium	23-2	62309	62024	62523	62285	0.40	cps
Strontium	86-1	114218	115078	115058	114785	0.43	cps
Strontium	88-1	996006	1006895	1014123	1005675	0.91	cps
Sulfur	34-1	121165	123121	123168	122485	0.93	cps
Terbium	159-1	13926206	14067184	14217944	14070445	1.04	cps
Terbium	159-2	8890290	8895529	8812459	8866093	0.52	cps
Thallium	203-1	1707	1727	1803	1746	2.92	cps
Thallium	205-1	4207	4147	4301	4218	1.83	cps
Tin	118-1	9373	9567	9597	9512	1.28	cps
Titanium	47-1	432130	434452	437646	434742	0.64	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-17	Instrumnet Name :	P7
Client Sample ID :	MYD4W1	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:04:28	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17785	17695	17415	17632	1.10	cps
Vanadium	51-2	225069	225786	223838	224897	0.44	cps
Yttrium	89-1	10776078	10858094	10858843	10831005	0.44	cps
Yttrium	89-2	2408050	2380125	2412109	2400095	0.73	cps
Zinc	66-2	110417	109981	109421	109940	0.45	cps
Zirconium	90-1	48433	48563	48520	48505	0.14	cps
Zirconium	91-1	10841	10577	10597	10672	1.37	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-18	Instrumnet Name :	P7
Client Sample ID :	MYD4W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:07:40	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3552500	3492077	3516930	3520503	0.86	cps
Antimony	121-1	10197	10377	10367	10314	0.98	cps
Arsenic	75-2	32329	32178	31804	32104	0.84	cps
Barium	135-1	518062	536372	532933	529122	1.84	cps
Barium	137-1	903888	920191	922898	915659	1.12	cps
Beryllium	9-1	1550	1430	1490	1490	4.03	cps
Bismuth	209-1	8538164	8487799	8682808	8569591	1.18	cps
Bismuth	209-2	6731995	7220036	6869542	6940524	3.63	cps
Bromine	81-1	7765	7966	8052	7928	1.86	cps
Bromine	81-2	293	190	240	241	21.43	cps
Cadmium	108-1	293	243	187	241	22.13	cps
Cadmium	106-1	3224	3080	3240	3181	2.77	cps
Cadmium	111-1	3096	3334	3199	3210	3.71	cps
Calcium	43-1	162119	163692	165026	163612	0.89	cps
Calcium	44-1	2454674	2442368	2449716	2448919	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	84190	84015	83620	83942	0.35	cps
Cobalt	59-2	119164	120230	120099	119831	0.48	cps
Copper	63-2	264122	259081	262652	261952	0.99	cps
Dysprosium	156-1	60175	61008	62375	61186	1.82	cps
Dysprosium	156-2	46493	45875	46590	46319	0.84	cps
Erbium	164-1	52411	52020	53278	52569	1.22	cps
Erbium	164-2	34586	34830	34549	34655	0.44	cps
Gadolinium	160-1	56878	57601	59124	57868	1.98	cps
Gadolinium	160-2	40291	40244	39960	40165	0.45	cps
Holmium	165-1	13605186	13768805	13838060	13737350	0.87	cps
Holmium	165-2	8834442	9537352	9003512	9125102	4.02	cps
Indium	115-1	9872086	9846616	10048690	9922464	1.11	cps
Indium	115-2	2963317	3186626	3025517	3058486	3.77	cps
Iron	56-2	147201908	146145298	145066175	146137793	0.73	cps
Iron	57-2	3627150	3544331	3593354	3588279	1.16	cps
Iron	54-2	7938463	7895866	7794350	7876226	0.94	cps
Krypton	83-1	207	170	140	172	19.39	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-18	Instrumnet Name :	P7
Client Sample ID :	MYD4W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:07:40	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	451505	459718	462793	458005	1.27	cps
Lead	207-1	413859	419190	423896	418982	1.20	cps
Lead	208-1	1827246	1860596	1873912	1853918	1.30	cps
Lithium	6-1	1919392	1917581	1936823	1924599	0.55	cps
Magnesium	24-2	2210063	2173939	2145453	2176485	1.49	cps
Manganese	55-2	2905265	2885733	2859561	2883520	0.80	cps
Molybdenum	94-1	22517	22207	22881	22535	1.50	cps
Molybdenum	95-1	4317	4444	4317	4360	1.68	cps
Molybdenum	96-1	10247	10300	10360	10303	0.55	cps
Molybdenum	97-1	2657	2767	2770	2731	2.36	cps
Molybdenum	98-1	6972	6998	7142	7037	1.30	cps
Neodymium	150-1	99595	102848	101807	101417	1.64	cps
Neodymium	150-2	55020	54020	55044	54694	1.07	cps
Nickel	60-2	29502	30134	29836	29824	1.06	cps
Phosphorus	31-2	12679	12509	12298	12495	1.52	cps
Potassium	39-2	1831448	1795334	1801505	1809429	1.07	cps
Rhodium	103-1	8706303	8664633	8780360	8717099	0.67	cps
Rhodium	103-2	4622599	4979938	4668865	4757134	4.09	cps
Scandium	45-1	4853763	4821559	4850133	4841818	0.36	cps
Scandium	45-2	369097	395658	372695	379150	3.80	cps
Selenium	82-1	783	742	692	739	6.19	cps
Selenium	77-2	127	70	90	96	30.08	cps
Selenium	78-2	213	217	167	199	14.06	cps
Silicon	28-1	11448082	11570723	11637556	11552120	0.83	cps
Silver	107-1	3087	3367	3310	3255	4.55	cps
Silver	109-1	3187	3280	3264	3244	1.53	cps
Sodium	23-2	61060	60906	61284	61084	0.31	cps
Strontium	86-1	120750	121778	124067	122198	1.39	cps
Strontium	88-1	1046790	1069645	1060729	1059055	1.09	cps
Sulfur	34-1	99082	99414	99702	99399	0.31	cps
Terbium	159-1	14107442	14012599	14184465	14101502	0.61	cps
Terbium	159-2	8702971	9368840	8985865	9019225	3.71	cps
Thallium	203-1	2220	2207	2344	2257	3.34	cps
Thallium	205-1	5254	5174	5211	5213	0.77	cps
Tin	118-1	11101	11301	10924	11109	1.70	cps
Titanium	47-1	906519	913255	918146	912640	0.64	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-18	Instrumnet Name :	P7
Client Sample ID :	MYD4W2	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:07:40	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24112	25722	25150	24995	3.27	cps
Vanadium	51-2	268755	266867	266635	267419	0.43	cps
Yttrium	89-1	10851605	10665975	10840031	10785870	0.96	cps
Yttrium	89-2	2379456	2581210	2389645	2450104	4.64	cps
Zinc	66-2	137583	135447	136745	136592	0.79	cps
Zirconium	90-1	53136	54835	53072	53681	1.86	cps
Zirconium	91-1	11868	12105	12232	12068	1.53	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:10:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3700201	3648317	3677200	3675239	0.71	cps
Antimony	121-1	5294	5121	5234	5217	1.69	cps
Arsenic	75-2	13103	12839	12912	12951	1.05	cps
Barium	135-1	389610	391122	396967	392567	0.99	cps
Barium	137-1	674844	684254	682241	680446	0.73	cps
Beryllium	9-1	1143	1210	1160	1171	2.96	cps
Bismuth	209-1	8445780	8359056	8406487	8403774	0.52	cps
Bismuth	209-2	6744857	6717843	6719612	6727437	0.22	cps
Bromine	81-1	7232	7519	7452	7401	2.03	cps
Bromine	81-2	133	113	187	144	26.24	cps
Cadmium	108-1	167	137	93	132	27.89	cps
Cadmium	106-1	3150	3130	3024	3101	2.20	cps
Cadmium	111-1	1760	1667	1622	1683	4.19	cps
Calcium	43-1	804427	816679	813300	811469	0.78	cps
Calcium	44-1	12169168	12222956	12217540	12203221	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	79344	79263	78198	78935	0.81	cps
Cobalt	59-2	107327	108129	106125	107194	0.94	cps
Copper	63-2	189186	188342	189813	189114	0.39	cps
Dysprosium	156-1	57099	58146	57059	57435	1.07	cps
Dysprosium	156-2	42524	43407	42705	42879	1.09	cps
Erbium	164-1	48594	49969	49698	49420	1.47	cps
Erbium	164-2	32581	31840	31539	31987	1.68	cps
Gadolinium	160-1	54248	55630	54683	54853	1.29	cps
Gadolinium	160-2	37450	38169	38035	37884	1.01	cps
Holmium	165-1	13527619	13546434	13554041	13542698	0.10	cps
Holmium	165-2	9000519	8863895	8944112	8936175	0.77	cps
Indium	115-1	9858265	9803167	9838607	9833346	0.28	cps
Indium	115-2	3007231	3019520	3007007	3011253	0.24	cps
Iron	56-2	135154501	134113305	134311085	134526297	0.41	cps
Iron	57-2	3312573	3366442	3281384	3320133	1.30	cps
Iron	54-2	7297007	7296215	7235333	7276185	0.49	cps
Krypton	83-1	163	123	177	154	17.97	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:10:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	139083	139588	139386	139352	0.18	cps
Lead	207-1	121544	121944	121772	121753	0.16	cps
Lead	208-1	545519	547051	551089	547886	0.53	cps
Lithium	6-1	1887753	1896132	1881293	1888392	0.39	cps
Magnesium	24-2	3167559	3174378	3198491	3180143	0.51	cps
Manganese	55-2	2522225	2509487	2504209	2511974	0.37	cps
Molybdenum	94-1	26147	26067	26898	26370	1.74	cps
Molybdenum	95-1	3097	3130	2967	3065	2.82	cps
Molybdenum	96-1	9903	9873	9673	9817	1.27	cps
Molybdenum	97-1	1717	2027	2140	1961	11.18	cps
Molybdenum	98-1	4744	4681	4851	4759	1.81	cps
Neodymium	150-1	94903	95594	96004	95500	0.58	cps
Neodymium	150-2	50403	51213	51126	50914	0.87	cps
Nickel	60-2	31877	32024	31800	31901	0.36	cps
Phosphorus	31-2	14334	14410	14494	14412	0.56	cps
Potassium	39-2	1189424	1180066	1179701	1183063	0.47	cps
Rhodium	103-1	8635491	8578593	8534906	8582996	0.59	cps
Rhodium	103-2	4636108	4630020	4673058	4646395	0.50	cps
Scandium	45-1	4822217	4829070	4757963	4803084	0.82	cps
Scandium	45-2	367132	363989	370541	367221	0.89	cps
Selenium	82-1	628	592	709	643	9.28	cps
Selenium	77-2	113	110	117	113	2.94	cps
Selenium	78-2	177	140	163	160	11.60	cps
Silicon	28-1	10878152	10940985	10947425	10922187	0.35	cps
Silver	107-1	1003	950	1063	1006	5.64	cps
Silver	109-1	950	953	960	954	0.53	cps
Sodium	23-2	69081	68411	69704	69065	0.94	cps
Strontium	86-1	116130	114598	117168	115965	1.11	cps
Strontium	88-1	1015648	1020002	1019041	1018230	0.22	cps
Sulfur	34-1	105914	107766	105893	106524	1.01	cps
Terbium	159-1	14071333	13995831	13998816	14021994	0.30	cps
Terbium	159-2	8819876	8815745	8902438	8846020	0.55	cps
Thallium	203-1	1450	1533	1503	1496	2.82	cps
Thallium	205-1	3464	3460	3541	3488	1.30	cps
Tin	118-1	7752	8129	8156	8012	2.82	cps
Titanium	47-1	565183	572609	573341	570378	0.79	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-19	Instrumnet Name :	P7
Client Sample ID :	MYD4W3	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:10:51	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13714	13931	13921	13855	0.88	cps
Vanadium	51-2	227167	225265	226500	226311	0.43	cps
Yttrium	89-1	10793505	10718598	10684428	10732177	0.52	cps
Yttrium	89-2	2368811	2370800	2376929	2372180	0.18	cps
Zinc	66-2	66721	67548	67328	67199	0.64	cps
Zirconium	90-1	65612	66848	67598	66686	1.50	cps
Zirconium	91-1	14771	14894	15408	15024	2.25	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:14:03	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4222615	4196387	4162328	4193777	0.72	cps
Antimony	121-1	9640	10024	10167	9943	2.74	cps
Arsenic	75-2	29696	30909	30087	30231	2.05	cps
Barium	135-1	646587	663405	661747	657246	1.41	cps
Barium	137-1	1122494	1140609	1151848	1138317	1.30	cps
Beryllium	9-1	1583	1590	1617	1597	1.10	cps
Bismuth	209-1	8418808	8618811	8612859	8550159	1.33	cps
Bismuth	209-2	6886233	6823110	6792246	6833863	0.70	cps
Bromine	81-1	7892	8509	8079	8160	3.88	cps
Bromine	81-2	287	310	250	282	10.72	cps
Cadmium	108-1	267	263	237	256	6.43	cps
Cadmium	106-1	3530	3384	3157	3357	5.60	cps
Cadmium	111-1	3985	3949	3856	3930	1.69	cps
Calcium	43-1	225503	231140	229438	228694	1.26	cps
Calcium	44-1	3383997	3480985	3445810	3436930	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87585	87016	87894	87498	0.51	cps
Cobalt	59-2	130151	131486	128941	130193	0.98	cps
Copper	63-2	417805	418408	415551	417255	0.36	cps
Dysprosium	156-1	59181	61159	60851	60397	1.76	cps
Dysprosium	156-2	45691	45243	44915	45283	0.86	cps
Erbium	164-1	51568	52247	52956	52257	1.33	cps
Erbium	164-2	35051	35318	34676	35015	0.92	cps
Gadolinium	160-1	56433	57661	57286	57127	1.10	cps
Gadolinium	160-2	39592	40047	40111	39917	0.71	cps
Holmium	165-1	13435088	13840481	13787543	13687704	1.61	cps
Holmium	165-2	9135409	9143320	9084396	9121042	0.35	cps
Indium	115-1	9796749	10022628	10085439	9968272	1.52	cps
Indium	115-2	3033395	3053019	3037273	3041229	0.34	cps
Iron	56-2	164176618	164385621	163672308	164078182	0.22	cps
Iron	57-2	4068095	4036001	4028104	4044066	0.52	cps
Iron	54-2	8826263	8907927	8832804	8855665	0.51	cps
Krypton	83-1	163	183	147	164	11.16	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:14:03	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	474921	484840	490989	483583	1.68	cps
Lead	207-1	431422	444223	449807	441817	2.13	cps
Lead	208-1	1923896	1967500	1989526	1960307	1.70	cps
Lithium	6-1	1870718	1930684	1924342	1908581	1.73	cps
Magnesium	24-2	2665986	2705793	2690256	2687345	0.75	cps
Manganese	55-2	2883195	2924178	2900870	2902747	0.71	cps
Molybdenum	94-1	21997	22067	23122	22395	2.81	cps
Molybdenum	95-1	4241	4357	4501	4366	2.98	cps
Molybdenum	96-1	10564	10807	10834	10735	1.39	cps
Molybdenum	97-1	2614	2484	2690	2596	4.03	cps
Molybdenum	98-1	6752	6638	6475	6622	2.10	cps
Neodymium	150-1	95010	96897	98289	96732	1.70	cps
Neodymium	150-2	53434	52340	52183	52652	1.29	cps
Nickel	60-2	33036	32509	32896	32814	0.83	cps
Phosphorus	31-2	14560	14417	14534	14504	0.53	cps
Potassium	39-2	1514918	1492068	1507459	1504815	0.77	cps
Rhodium	103-1	8639439	8891859	8769272	8766856	1.44	cps
Rhodium	103-2	4766117	4736588	4690726	4731144	0.80	cps
Scandium	45-1	4829477	4902854	4940846	4891059	1.16	cps
Scandium	45-2	380386	378993	377315	378898	0.41	cps
Selenium	82-1	629	757	700	695	9.27	cps
Selenium	77-2	130	153	127	137	10.63	cps
Selenium	78-2	233	240	190	221	12.28	cps
Silicon	28-1	11829936	12066326	12199274	12031846	1.55	cps
Silver	107-1	3761	4221	4287	4090	7.01	cps
Silver	109-1	3841	3824	3834	3833	0.22	cps
Sodium	23-2	65257	66867	65585	65903	1.29	cps
Strontium	86-1	148348	151338	150820	150169	1.06	cps
Strontium	88-1	1308157	1330768	1336171	1325032	1.12	cps
Sulfur	34-1	102091	101816	101330	101746	0.38	cps
Terbium	159-1	13968004	14138574	14391594	14166057	1.50	cps
Terbium	159-2	8952028	9072089	8921140	8981753	0.89	cps
Thallium	203-1	1890	1893	1860	1881	0.98	cps
Thallium	205-1	4221	4461	4427	4370	2.98	cps
Tin	118-1	10757	10864	11074	10899	1.48	cps
Titanium	47-1	662938	671974	676717	670543	1.04	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-20	Instrumnet Name :	P7
Client Sample ID :	MYD4W4	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:14:03	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20893	21818	21668	21460	2.31	cps
Vanadium	51-2	299985	300599	299638	300074	0.16	cps
Yttrium	89-1	10807346	11092337	11075693	10991792	1.46	cps
Yttrium	89-2	2438323	2434981	2442219	2438507	0.15	cps
Zinc	66-2	143269	144319	142929	143505	0.51	cps
Zirconium	90-1	52687	53604	53865	53385	1.16	cps
Zirconium	91-1	11848	12202	12068	12039	1.48	cps

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LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:17:13	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4032848	4090684	4088246	4070593	0.80	cps
Antimony	121-1	10948	10958	10994	10966	0.22	cps
Arsenic	75-2	23909	23959	23025	23631	2.23	cps
Barium	135-1	624396	639423	638882	634234	1.34	cps
Barium	137-1	1079300	1098420	1102997	1093572	1.15	cps
Beryllium	9-1	1593	1397	1520	1503	6.61	cps
Bismuth	209-1	8501348	8569466	8602120	8557645	0.60	cps
Bismuth	209-2	6791996	6790581	6735325	6772634	0.48	cps
Bromine	81-1	7575	7585	7919	7693	2.54	cps
Bromine	81-2	160	187	197	181	10.47	cps
Cadmium	108-1	247	280	257	261	6.55	cps
Cadmium	106-1	3324	3380	3127	3277	4.06	cps
Cadmium	111-1	3531	3648	3584	3587	1.63	cps
Calcium	43-1	228169	231042	233011	230740	1.06	cps
Calcium	44-1	3389022	3441379	3462641	3431014	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	91391	90700	91461	91184	0.46	cps
Cobalt	59-2	140160	139998	139911	140023	0.09	cps
Copper	63-2	423053	424265	422616	423311	0.20	cps
Dysprosium	156-1	61671	63479	63837	62996	1.84	cps
Dysprosium	156-2	48032	47413	48550	47998	1.19	cps
Erbium	164-1	54134	54780	55242	54719	1.02	cps
Erbium	164-2	36093	36304	35782	36060	0.73	cps
Gadolinium	160-1	58977	60577	60386	59980	1.46	cps
Gadolinium	160-2	41822	41648	41672	41714	0.23	cps
Holmium	165-1	13602422	13749169	13827385	13726325	0.83	cps
Holmium	165-2	9178834	9009155	9042286	9076758	0.99	cps
Indium	115-1	9884274	9900099	10053118	9945830	0.94	cps
Indium	115-2	2999041	2998692	3027494	3008409	0.55	cps
Iron	56-2	168912874	170041664	170114077	169689539	0.40	cps
Iron	57-2	4155621	4161555	4153582	4156920	0.10	cps
Iron	54-2	9077551	9028261	9019438	9041750	0.35	cps
Krypton	83-1	160	157	173	163	5.40	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:17:13	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	374115	377593	384222	378643	1.36	cps
Lead	207-1	331614	340432	344777	338941	1.98	cps
Lead	208-1	1491838	1521782	1540301	1517974	1.61	cps
Lithium	6-1	1906856	1926763	1910981	1914867	0.55	cps
Magnesium	24-2	2695786	2721422	2683801	2700336	0.71	cps
Manganese	55-2	2783136	2781650	2792747	2785845	0.22	cps
Molybdenum	94-1	34460	35179	35286	34975	1.28	cps
Molybdenum	95-1	4144	4297	4287	4243	2.02	cps
Molybdenum	96-1	12659	12736	12846	12747	0.74	cps
Molybdenum	97-1	2790	2580	2560	2644	4.82	cps
Molybdenum	98-1	6695	6702	6798	6732	0.86	cps
Neodymium	150-1	101317	103140	103150	102536	1.03	cps
Neodymium	150-2	55743	55816	55599	55719	0.20	cps
Nickel	60-2	31707	31319	31597	31541	0.63	cps
Phosphorus	31-2	14077	13946	13726	13916	1.27	cps
Potassium	39-2	1484329	1457217	1465901	1469149	0.94	cps
Rhodium	103-1	8690494	8772289	8904719	8789168	1.23	cps
Rhodium	103-2	4730132	4715903	4594650	4680228	1.59	cps
Scandium	45-1	4851941	4899617	4939444	4897001	0.89	cps
Scandium	45-2	380198	376384	374025	376869	0.83	cps
Selenium	82-1	696	720	754	723	4.02	cps
Selenium	77-2	143	140	140	141	1.37	cps
Selenium	78-2	193	207	183	194	6.02	cps
Silicon	28-1	11793327	12027237	12018505	11946356	1.11	cps
Silver	107-1	3474	3630	3661	3588	2.79	cps
Silver	109-1	3307	3494	3437	3413	2.81	cps
Sodium	23-2	68873	69074	69194	69047	0.24	cps
Strontium	86-1	150605	152756	153338	152233	0.95	cps
Strontium	88-1	1312761	1344100	1352118	1336326	1.56	cps
Sulfur	34-1	100571	100267	98143	99660	1.33	cps
Terbium	159-1	14002572	14248870	14221850	14157764	0.95	cps
Terbium	159-2	9017654	8911789	8849994	8926479	0.95	cps
Thallium	203-1	1730	1843	1820	1798	3.33	cps
Thallium	205-1	4221	4244	4474	4313	3.25	cps
Tin	118-1	11535	11731	11608	11625	0.86	cps
Titanium	47-1	957125	973575	976946	969215	1.09	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-21	Instrumnet Name :	P7
Client Sample ID :	MYD4W5	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:17:13	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21951	22329	23144	22475	2.71	cps
Vanadium	51-2	312337	313979	314551	313622	0.37	cps
Yttrium	89-1	10857295	11015506	11056669	10976490	0.96	cps
Yttrium	89-2	2443963	2446995	2392025	2427661	1.27	cps
Zinc	66-2	100891	100545	100700	100712	0.17	cps
Zirconium	90-1	85678	87492	87663	86944	1.26	cps
Zirconium	91-1	19326	19680	19904	19637	1.48	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:20:25	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4649689	4691483	4676407	4672526	0.45	cps
Antimony	121-1	10531	10647	10444	10541	0.97	cps
Arsenic	75-2	20154	20558	20374	20362	0.99	cps
Barium	135-1	676856	691649	695087	687864	1.41	cps
Barium	137-1	1180020	1194636	1209766	1194807	1.24	cps
Beryllium	9-1	1517	1463	1447	1476	2.48	cps
Bismuth	209-1	8556750	8593358	8654899	8601669	0.58	cps
Bismuth	209-2	6999970	6931103	6766189	6899088	1.74	cps
Bromine	81-1	7812	8152	8072	8012	2.22	cps
Bromine	81-2	210	173	210	198	10.70	cps
Cadmium	108-1	280	243	250	258	7.58	cps
Cadmium	106-1	3297	3527	3467	3430	3.48	cps
Cadmium	111-1	3658	3426	3575	3553	3.32	cps
Calcium	43-1	281503	285016	289132	285217	1.34	cps
Calcium	44-1	4219048	4265327	4305445	4263273	1.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105874	104646	104623	105048	0.68	cps
Cobalt	59-2	132220	131234	130679	131378	0.59	cps
Copper	63-2	386270	386662	387596	386843	0.18	cps
Dysprosium	156-1	64487	65260	65137	64961	0.64	cps
Dysprosium	156-2	48902	50280	49885	49689	1.43	cps
Erbium	164-1	55814	56899	56888	56534	1.10	cps
Erbium	164-2	37089	36768	37103	36987	0.51	cps
Gadolinium	160-1	61598	62659	63982	62746	1.90	cps
Gadolinium	160-2	43226	42782	43096	43035	0.53	cps
Holmium	165-1	13873346	14074689	14004080	13984038	0.73	cps
Holmium	165-2	9445964	9453933	9025968	9308622	2.63	cps
Indium	115-1	9978275	10086221	10049528	10038008	0.55	cps
Indium	115-2	3085122	3117939	3074335	3092466	0.73	cps
Iron	56-2	169302421	169255804	170274757	169610994	0.34	cps
Iron	57-2	4160651	4114649	4145930	4140410	0.57	cps
Iron	54-2	9145006	9099047	9125366	9123140	0.25	cps
Krypton	83-1	203	117	150	157	27.90	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:20:25	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	350514	358175	358013	355567	1.23	cps
Lead	207-1	314112	320019	323281	319138	1.46	cps
Lead	208-1	1404457	1430394	1441430	1425427	1.33	cps
Lithium	6-1	1898799	1940809	1948630	1929413	1.39	cps
Magnesium	24-2	3540655	3540551	3547070	3542759	0.11	cps
Manganese	55-2	3228301	3217560	3210007	3218623	0.29	cps
Molybdenum	94-1	40028	41134	41161	40774	1.59	cps
Molybdenum	95-1	4114	4341	4334	4263	3.03	cps
Molybdenum	96-1	13733	13950	13890	13858	0.81	cps
Molybdenum	97-1	2724	2624	2674	2674	1.87	cps
Molybdenum	98-1	6772	6835	6752	6786	0.64	cps
Neodymium	150-1	107744	110240	110901	109628	1.52	cps
Neodymium	150-2	58236	59358	59445	59013	1.14	cps
Nickel	60-2	36491	36658	36297	36482	0.50	cps
Phosphorus	31-2	15161	15204	15007	15124	0.68	cps
Potassium	39-2	1569669	1583643	1591091	1581468	0.69	cps
Rhodium	103-1	8796220	8888507	8964319	8883016	0.95	cps
Rhodium	103-2	4863018	4841104	4785083	4829735	0.83	cps
Scandium	45-1	4864554	4898510	4996510	4919858	1.39	cps
Scandium	45-2	389807	384746	383460	386004	0.87	cps
Selenium	82-1	723	713	677	704	3.43	cps
Selenium	77-2	103	140	107	117	17.38	cps
Selenium	78-2	217	207	210	211	2.41	cps
Silicon	28-1	11102410	11214905	11107742	11141686	0.57	cps
Silver	107-1	3190	3307	3427	3308	3.58	cps
Silver	109-1	2957	3454	3220	3210	7.74	cps
Sodium	23-2	76103	76429	76670	76400	0.37	cps
Strontium	86-1	262850	267213	267570	265878	0.99	cps
Strontium	88-1	2341052	2334761	2374099	2349971	0.90	cps
Sulfur	34-1	101662	101809	102692	102054	0.55	cps
Terbium	159-1	14291062	14368273	14512856	14390730	0.78	cps
Terbium	159-2	9160885	9209968	8898439	9089764	1.84	cps
Thallium	203-1	2034	2044	2027	2035	0.41	cps
Thallium	205-1	4781	4904	4821	4835	1.30	cps
Tin	118-1	13336	13813	13647	13599	1.78	cps
Titanium	47-1	789230	805494	802448	799057	1.08	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-22	Instrumnet Name :	P7
Client Sample ID :	MYD4W6	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:20:25	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21875	21871	22172	21973	0.79	cps
Vanadium	51-2	296701	294881	294049	295210	0.46	cps
Yttrium	89-1	11081512	11211929	11240327	11177923	0.76	cps
Yttrium	89-2	2534456	2499211	2455864	2496510	1.58	cps
Zinc	66-2	110384	111851	110871	111035	0.67	cps
Zirconium	90-1	101565	104465	105008	103679	1.79	cps
Zirconium	91-1	22664	23853	23295	23271	2.56	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:27:33	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4791262	4716812	4774607	4760894	0.82	cps
Antimony	121-1	2955236	2981140	3015385	2983920	1.01	cps
Arsenic	75-2	114211	115152	115374	114912	0.54	cps
Barium	135-1	4164271	4118337	4188131	4156913	0.85	cps
Barium	137-1	7086881	7170789	7159384	7139018	0.64	cps
Beryllium	9-1	441869	450436	450003	447436	1.08	cps
Bismuth	209-1	7933285	8066690	8076429	8025468	1.00	cps
Bismuth	209-2	6370054	6429847	6323684	6374528	0.83	cps
Bromine	81-1	6702	6595	6492	6596	1.59	cps
Bromine	81-2	53	27	30	37	39.62	cps
Cadmium	108-1	53381	54529	54442	54117	1.18	cps
Cadmium	106-1	78128	79546	80659	79444	1.60	cps
Cadmium	111-1	785512	795861	792641	791338	0.67	cps
Calcium	43-1	3485172	3509946	3553320	3516146	0.98	cps
Calcium	44-1	55707831	56459994	56175923	56114583	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	881067	880294	882840	881400	0.15	cps
Cobalt	59-2	1369542	1358302	1367735	1365193	0.44	cps
Copper	63-2	9653750	9543595	9528576	9575307	0.71	cps
Dysprosium	156-1	263	250	270	261	3.90	cps
Dysprosium	156-2	257	300	237	264	12.24	cps
Erbium	164-1	230	230	200	220	7.87	cps
Erbium	164-2	133	140	127	133	5.00	cps
Gadolinium	160-1	150	157	120	142	13.73	cps
Gadolinium	160-2	490	507	513	503	2.39	cps
Holmium	165-1	13368577	13445896	13555089	13456521	0.70	cps
Holmium	165-2	8980922	8965634	8846566	8931041	0.82	cps
Indium	115-1	9290350	9292573	9384845	9322589	0.58	cps
Indium	115-2	2865492	2847788	2911723	2875001	1.15	cps
Iron	56-2	196643550	195769204	194743564	195718773	0.49	cps
Iron	57-2	4865156	4848181	4870738	4861358	0.24	cps
Iron	54-2	10601879	10544282	10585616	10577259	0.28	cps
Krypton	83-1	117	93	117	109	12.38	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:27:33	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12369400	12801113	12834306	12668273	2.05	cps
Lead	207-1	11044327	11366765	11325922	11245671	1.56	cps
Lead	208-1	49775540	51423991	51285138	50828223	1.80	cps
Lithium	6-1	1825923	1860261	1865522	1850568	1.16	cps
Magnesium	24-2	38675302	38493704	38772326	38647111	0.37	cps
Manganese	55-2	6868027	6792019	6834194	6831414	0.56	cps
Molybdenum	94-1	10277689	10292445	10271306	10280480	0.11	cps
Molybdenum	95-1	15053133	15129461	15171420	15118005	0.40	cps
Molybdenum	96-1	16201516	16426738	16451897	16360050	0.84	cps
Molybdenum	97-1	9261899	9424246	9383331	9356492	0.90	cps
Molybdenum	98-1	24304423	24694073	24576011	24524836	0.81	cps
Neodymium	150-1	260	297	397	318	22.26	cps
Neodymium	150-2	80	60	93	78	21.57	cps
Nickel	60-2	335206	334115	334614	334645	0.16	cps
Phosphorus	31-2	47269	48212	46741	47408	1.57	cps
Potassium	39-2	24204654	24364905	24320487	24296682	0.34	cps
Rhodium	103-1	7958710	7877793	7992589	7943031	0.74	cps
Rhodium	103-2	4215607	4280418	4208747	4234924	0.93	cps
Scandium	45-1	4632188	4583867	4544348	4586801	0.96	cps
Scandium	45-2	353416	356453	353792	354554	0.47	cps
Selenium	82-1	41352	41516	41595	41488	0.30	cps
Selenium	77-2	3204	3177	3300	3227	2.01	cps
Selenium	78-2	11384	11465	11525	11458	0.61	cps
Silicon	28-1	4927560	5016325	4978529	4974138	0.90	cps
Silver	107-1	3418851	3390181	3416179	3408404	0.46	cps
Silver	109-1	3293136	3307680	3283840	3294885	0.36	cps
Sodium	23-2	65559267	65284851	65269972	65371363	0.25	cps
Strontium	86-1	23101356	23204001	23085838	23130399	0.28	cps
Strontium	88-1	202383910	203608770	205309924	203767535	0.72	cps
Sulfur	34-1	295045	299874	298047	297655	0.82	cps
Terbium	159-1	13668567	13765869	13643405	13692614	0.47	cps
Terbium	159-2	8671256	8705993	8743115	8706788	0.41	cps
Thallium	203-1	3143378	3234457	3257300	3211712	1.88	cps
Thallium	205-1	7475235	7758631	7711167	7648344	1.98	cps
Tin	118-1	2542486	2585999	2586127	2571537	0.98	cps
Titanium	47-1	3279849	3322098	3277965	3293304	0.76	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV044	Instrumnet Name :	P7
Client Sample ID :	CCV044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:27:33	DataFile Name :	086CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10495719	10858791	10862080	10738863	1.96	cps
Vanadium	51-2	797402	794929	795480	795937	0.16	cps
Yttrium	89-1	9988594	9999109	10002499	9996734	0.07	cps
Yttrium	89-2	2212312	2208628	2218034	2212991	0.21	cps
Zinc	66-2	1618774	1617986	1608171	1614977	0.37	cps
Zirconium	90-1	4849826	4935661	4922804	4902764	0.94	cps
Zirconium	91-1	1085961	1105675	1104173	1098603	1.00	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:30:20	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	203	173	153	177	14.24	cps
Antimony	121-1	2504	2514	2737	2585	5.10	cps
Arsenic	75-2	13	10	10	11	17.30	cps
Barium	135-1	230	213	157	200	19.22	cps
Barium	137-1	337	243	227	269	22.05	cps
Beryllium	9-1	157	93	93	114	31.95	cps
Bismuth	209-1	9122586	8981627	9001294	9035169	0.84	cps
Bismuth	209-2	7061969	7155623	7100680	7106091	0.66	cps
Bromine	81-1	6708	6828	6722	6753	0.97	cps
Bromine	81-2	33	47	33	38	20.39	cps
Cadmium	108-1	27	20	20	22	17.33	cps
Cadmium	106-1	2720	2647	2684	2684	1.37	cps
Cadmium	111-1	383	348	346	359	5.81	cps
Calcium	43-1	317	180	183	227	34.39	cps
Calcium	44-1	4081	3554	3250	3628	11.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	363	323	290	326	11.28	cps
Cobalt	59-2	87	113	113	104	14.74	cps
Copper	63-2	873	877	883	878	0.58	cps
Dysprosium	156-1	43	40	60	48	22.43	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	120	117	73	103	25.20	cps
Erbium	164-2	80	60	73	71	14.32	cps
Gadolinium	160-1	40	53	40	44	17.32	cps
Gadolinium	160-2	410	453	437	433	5.04	cps
Holmium	165-1	13990946	13847744	14091141	13976610	0.88	cps
Holmium	165-2	9196601	9269727	9157217	9207848	0.62	cps
Indium	115-1	10202649	10078197	10246549	10175798	0.86	cps
Indium	115-2	3105098	3129026	3145006	3126377	0.64	cps
Iron	56-2	13903	14007	14260	14057	1.31	cps
Iron	57-2	640	643	637	640	0.52	cps
Iron	54-2	1323	1213	1217	1251	5.00	cps
Krypton	83-1	127	107	80	104	22.42	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:30:20	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1243	1157	980	1127	11.91	cps
Lead	207-1	1237	990	1003	1077	12.89	cps
Lead	208-1	5317	4640	4080	4679	13.24	cps
Lithium	6-1	1958883	1995568	1954876	1969776	1.14	cps
Magnesium	24-2	1357	1390	1283	1343	4.06	cps
Manganese	55-2	480	547	587	538	10.02	cps
Molybdenum	94-1	1373	1167	1060	1200	13.28	cps
Molybdenum	95-1	1033	877	823	911	11.98	cps
Molybdenum	96-1	1253	973	893	1040	18.18	cps
Molybdenum	97-1	627	533	553	571	8.60	cps
Molybdenum	98-1	1683	1393	1430	1502	10.51	cps
Neodymium	150-1	17	10	13	13	25.01	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	50	63	73	62	18.81	cps
Phosphorus	31-2	83	83	57	74	20.68	cps
Potassium	39-2	25568	24754	25902	25408	2.33	cps
Rhodium	103-1	8965793	8916983	8910088	8930955	0.34	cps
Rhodium	103-2	4907617	4829489	4842929	4860012	0.86	cps
Scandium	45-1	4769917	4738764	4802990	4770557	0.67	cps
Scandium	45-2	371469	370073	370974	370839	0.19	cps
Selenium	82-1	490	487	466	481	2.64	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	120	127	87	111	19.29	cps
Silicon	28-1	108363	109524	108614	108833	0.56	cps
Silver	107-1	547	407	363	439	21.83	cps
Silver	109-1	467	353	347	389	17.34	cps
Sodium	23-2	13503	12812	12769	13028	3.16	cps
Strontium	86-1	950	617	613	727	26.62	cps
Strontium	88-1	7265	4667	3774	5236	34.64	cps
Sulfur	34-1	104306	104491	105974	104924	0.87	cps
Terbium	159-1	14322232	14461407	14307097	14363579	0.59	cps
Terbium	159-2	9055584	9050326	9068521	9058144	0.10	cps
Thallium	203-1	683	583	437	568	21.85	cps
Thallium	205-1	1520	1243	1147	1303	14.87	cps
Tin	118-1	1387	1430	1493	1437	3.73	cps
Titanium	47-1	197	167	227	197	15.25	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB044	Instrumnet Name :	P7
Client Sample ID :	CCB044	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 16:30:20	DataFile Name :	087CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	380	270	190	280	34.07	cps
Vanadium	51-2	30	33	47	37	24.06	cps
Yttrium	89-1	10422618	10429335	10405420	10419124	0.12	cps
Yttrium	89-2	2305740	2292844	2292648	2297077	0.33	cps
Zinc	66-2	360	273	313	316	13.75	cps
Zirconium	90-1	1960	1603	1677	1747	10.78	cps
Zirconium	91-1	460	383	410	418	9.32	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:33:38	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	904449	896481	901990	900973	0.45	cps
Antimony	121-1	4804	4844	4911	4853	1.11	cps
Arsenic	75-2	10591	10057	10157	10268	2.76	cps
Barium	135-1	114841	115628	117372	115947	1.12	cps
Barium	137-1	198897	207180	199711	201929	2.26	cps
Beryllium	9-1	537	470	423	477	11.95	cps
Bismuth	209-1	8893633	8858461	9164752	8972282	1.87	cps
Bismuth	209-2	7120326	7095893	7061283	7092501	0.42	cps
Bromine	81-1	7382	7002	7679	7354	4.61	cps
Bromine	81-2	73	97	80	83	14.43	cps
Cadmium	108-1	93	80	70	81	14.43	cps
Cadmium	106-1	3347	2960	3080	3129	6.33	cps
Cadmium	111-1	1475	1403	1378	1418	3.55	cps
Calcium	43-1	44311	43562	43733	43869	0.89	cps
Calcium	44-1	706489	707647	719538	711224	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21175	20828	20998	21000	0.83	cps
Cobalt	59-2	35288	35295	35315	35299	0.04	cps
Copper	63-2	108184	108043	107170	107799	0.51	cps
Dysprosium	156-1	13967	14204	14194	14122	0.95	cps
Dysprosium	156-2	10954	10648	10571	10724	1.89	cps
Erbium	164-1	11818	11725	12396	11980	3.03	cps
Erbium	164-2	7826	8269	8162	8086	2.86	cps
Gadolinium	160-1	13700	13293	13380	13458	1.59	cps
Gadolinium	160-2	9500	9423	9797	9573	2.06	cps
Holmium	165-1	14012220	13882972	14106276	14000490	0.80	cps
Holmium	165-2	9298607	9406809	9325772	9343729	0.60	cps
Indium	115-1	10350874	10139457	10178010	10222780	1.10	cps
Indium	115-2	3100334	3146424	3171396	3139385	1.15	cps
Iron	56-2	43310438	43619066	43751474	43560326	0.52	cps
Iron	57-2	1134663	1134014	1135158	1134612	0.05	cps
Iron	54-2	2391590	2387848	2360038	2379825	0.72	cps
Krypton	83-1	133	133	107	124	12.37	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:33:38	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	149589	148980	151827	150132	1.00	cps
Lead	207-1	136962	144563	140197	140574	2.71	cps
Lead	208-1	619509	620645	625264	621806	0.49	cps
Lithium	6-1	2016085	2003197	2016857	2012046	0.38	cps
Magnesium	24-2	592015	586074	585834	587974	0.60	cps
Manganese	55-2	737194	736258	738874	737442	0.18	cps
Molybdenum	94-1	8743	8419	8583	8581	1.88	cps
Molybdenum	95-1	1447	1443	1383	1425	2.50	cps
Molybdenum	96-1	3407	4001	3494	3634	8.82	cps
Molybdenum	97-1	940	970	943	951	1.73	cps
Molybdenum	98-1	2437	2500	2404	2447	2.01	cps
Neodymium	150-1	23366	23202	23743	23437	1.18	cps
Neodymium	150-2	12396	12863	12823	12694	2.04	cps
Nickel	60-2	7125	7619	7298	7347	3.41	cps
Phosphorus	31-2	3814	3534	3957	3768	5.72	cps
Potassium	39-2	478468	477250	479567	478429	0.24	cps
Rhodium	103-1	8977882	9365942	9031727	9125184	2.30	cps
Rhodium	103-2	4906284	4928794	4941304	4925460	0.36	cps
Scandium	45-1	4916910	4939907	4991478	4949432	0.77	cps
Scandium	45-2	378144	377421	383630	379732	0.89	cps
Selenium	82-1	572	572	538	560	3.51	cps
Selenium	77-2	30	20	33	28	24.98	cps
Selenium	78-2	110	150	107	122	19.73	cps
Silicon	28-1	2883832	2939426	2919081	2914113	0.97	cps
Silver	107-1	1577	1580	1587	1581	0.32	cps
Silver	109-1	1613	1864	1453	1644	12.58	cps
Sodium	23-2	22874	22780	22874	22843	0.24	cps
Strontium	86-1	31360	32820	31099	31760	2.92	cps
Strontium	88-1	279540	278422	280987	279650	0.46	cps
Sulfur	34-1	108706	108596	106300	107867	1.26	cps
Terbium	159-1	14303342	14965044	14513701	14594029	2.32	cps
Terbium	159-2	9153806	9144662	9251221	9183230	0.64	cps
Thallium	203-1	890	843	877	870	2.76	cps
Thallium	205-1	2050	2110	1964	2041	3.61	cps
Tin	118-1	3300	3280	3450	3344	2.78	cps
Titanium	47-1	260054	269316	268620	265997	1.94	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:33:38	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5781	6108	6101	5997	3.11	cps
Vanadium	51-2	83429	82618	83714	83253	0.68	cps
Yttrium	89-1	10746425	10704317	10927834	10792858	1.10	cps
Yttrium	89-2	2378755	2393003	2407740	2393166	0.61	cps
Zinc	66-2	39900	40247	40010	40052	0.44	cps
Zirconium	90-1	20157	20481	20935	20524	1.90	cps
Zirconium	91-1	4334	4737	4838	4636	5.75	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:36:52	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	902179	903035	899013	901409	0.24	cps
Antimony	121-1	4387	4354	4594	4445	2.93	cps
Arsenic	75-2	10380	10000	9870	10084	2.63	cps
Barium	135-1	119196	115792	120568	118519	2.07	cps
Barium	137-1	200283	207460	202868	203537	1.79	cps
Beryllium	9-1	410	473	397	427	9.60	cps
Bismuth	209-1	8781519	8803767	9034177	8873154	1.58	cps
Bismuth	209-2	7151648	7099722	7101096	7117489	0.42	cps
Bromine	81-1	7372	6892	6908	7057	3.86	cps
Bromine	81-2	103	70	63	79	27.17	cps
Cadmium	108-1	93	107	73	91	18.42	cps
Cadmium	106-1	2990	3274	2857	3040	7.00	cps
Cadmium	111-1	1487	1577	1327	1464	8.65	cps
Calcium	43-1	43730	44478	44264	44157	0.87	cps
Calcium	44-1	705014	712878	715922	711271	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	21208	21208	20895	21104	0.86	cps
Cobalt	59-2	34276	34673	34329	34426	0.63	cps
Copper	63-2	107650	106928	108463	107680	0.71	cps
Dysprosium	156-1	14404	14124	13907	14145	1.76	cps
Dysprosium	156-2	10447	10861	10781	10696	2.05	cps
Erbium	164-1	12019	12089	12296	12134	1.19	cps
Erbium	164-2	7892	7866	8269	8009	2.82	cps
Gadolinium	160-1	13323	13340	13273	13312	0.26	cps
Gadolinium	160-2	9390	9523	9753	9556	1.92	cps
Holmium	165-1	14478405	13728295	14394109	14200270	2.89	cps
Holmium	165-2	9461215	9276418	9230552	9322728	1.31	cps
Indium	115-1	10663375	10145411	10561231	10456673	2.62	cps
Indium	115-2	3172582	3158611	3133147	3154780	0.63	cps
Iron	56-2	43613223	43262828	43098396	43324815	0.61	cps
Iron	57-2	1124395	1129817	1133736	1129316	0.42	cps
Iron	54-2	2371950	2387924	2374856	2378243	0.36	cps
Krypton	83-1	93	133	93	107	21.66	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:36:52	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	152067	146684	154794	151182	2.73	cps
Lead	207-1	135174	140171	135793	137046	1.99	cps
Lead	208-1	600894	608602	606868	605455	0.67	cps
Lithium	6-1	1968483	1970830	1983654	1974322	0.41	cps
Magnesium	24-2	587191	591689	585464	588115	0.55	cps
Manganese	55-2	736586	732073	735228	734629	0.32	cps
Molybdenum	94-1	8362	8553	8426	8447	1.15	cps
Molybdenum	95-1	1330	1467	1267	1355	7.55	cps
Molybdenum	96-1	3267	3644	3721	3544	6.85	cps
Molybdenum	97-1	830	893	803	842	5.49	cps
Molybdenum	98-1	2003	2220	2030	2085	5.67	cps
Neodymium	150-1	23493	23212	23162	23289	0.77	cps
Neodymium	150-2	12659	12729	12619	12669	0.44	cps
Nickel	60-2	7505	7465	7419	7463	0.58	cps
Phosphorus	31-2	3660	3821	3897	3793	3.18	cps
Potassium	39-2	476775	473999	478710	476495	0.50	cps
Rhodium	103-1	9133400	9276550	9033096	9147682	1.34	cps
Rhodium	103-2	4941935	4924162	4935952	4934017	0.18	cps
Scandium	45-1	5002213	4944938	5108173	5018441	1.65	cps
Scandium	45-2	382698	377665	383026	381130	0.79	cps
Selenium	82-1	514	595	513	541	8.69	cps
Selenium	77-2	30	50	30	37	31.49	cps
Selenium	78-2	153	133	113	133	15.00	cps
Silicon	28-1	2895390	2965943	2971303	2944212	1.44	cps
Silver	107-1	1387	1417	1380	1395	1.40	cps
Silver	109-1	1240	1447	1337	1341	7.71	cps
Sodium	23-2	22880	23221	23181	23094	0.81	cps
Strontium	86-1	30639	31554	31373	31189	1.55	cps
Strontium	88-1	273526	276164	275228	274973	0.49	cps
Sulfur	34-1	101431	105790	101478	102899	2.43	cps
Terbium	159-1	14301051	14874520	14298854	14491475	2.29	cps
Terbium	159-2	9264290	9069291	9116590	9150057	1.11	cps
Thallium	203-1	577	727	733	679	13.05	cps
Thallium	205-1	1697	1673	1547	1639	4.93	cps
Tin	118-1	3384	3567	3400	3450	2.94	cps
Titanium	47-1	273877	277503	277809	276396	0.79	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:36:52	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5841	6015	5658	5838	3.06	cps
Vanadium	51-2	82323	81669	82983	82325	0.80	cps
Yttrium	89-1	10687216	10644847	10725069	10685711	0.38	cps
Yttrium	89-2	2414734	2392416	2415255	2407468	0.54	cps
Zinc	66-2	39526	40013	39415	39651	0.80	cps
Zirconium	90-1	20771	20581	21626	20993	2.65	cps
Zirconium	91-1	4491	4724	4494	4570	2.93	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:40:08	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175696	177870	176009	176525	0.67	cps
Antimony	121-1	967	1040	927	978	5.88	cps
Arsenic	75-2	1890	1900	2154	1981	7.53	cps
Barium	135-1	22989	23105	22581	22892	1.20	cps
Barium	137-1	39461	39391	39635	39496	0.32	cps
Beryllium	9-1	120	133	120	124	6.19	cps
Bismuth	209-1	8755358	8881875	8808159	8815131	0.72	cps
Bismuth	209-2	7053395	7031251	7146529	7077058	0.86	cps
Bromine	81-1	6925	7382	7015	7107	3.41	cps
Bromine	81-2	20	33	57	37	50.62	cps
Cadmium	108-1	30	30	30	30	0.00	cps
Cadmium	106-1	2830	2694	2890	2805	3.59	cps
Cadmium	111-1	495	524	517	512	3.03	cps
Calcium	43-1	8829	8823	8823	8825	0.04	cps
Calcium	44-1	137378	139255	140523	139052	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4587	4347	4407	4447	2.81	cps
Cobalt	59-2	7058	6562	6782	6800	3.66	cps
Copper	63-2	21803	21803	21065	21557	1.98	cps
Dysprosium	156-1	2634	2724	2724	2694	1.93	cps
Dysprosium	156-2	2114	2034	2144	2097	2.71	cps
Erbium	164-1	2464	2504	2214	2394	6.57	cps
Erbium	164-2	1633	1500	1540	1558	4.39	cps
Gadolinium	160-1	2584	2684	2407	2558	5.48	cps
Gadolinium	160-2	2297	2270	2164	2244	3.15	cps
Holmium	165-1	13919803	13785027	13787391	13830740	0.56	cps
Holmium	165-2	9161945	9202453	9313495	9225964	0.85	cps
Indium	115-1	10335772	10359061	10273192	10322675	0.43	cps
Indium	115-2	3170588	3163839	3187386	3173938	0.38	cps
Iron	56-2	8492996	8470363	8452576	8471979	0.24	cps
Iron	57-2	222702	222844	220046	221864	0.71	cps
Iron	54-2	488633	488229	487037	487966	0.17	cps
Krypton	83-1	103	107	103	104	1.84	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:40:08	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	29285	29649	29833	29589	0.94	cps
Lead	207-1	26940	27287	27261	27163	0.71	cps
Lead	208-1	119615	120681	121244	120513	0.69	cps
Lithium	6-1	1949744	2003218	2014907	1989290	1.75	cps
Magnesium	24-2	114636	114619	115808	115021	0.59	cps
Manganese	55-2	144953	144179	144183	144438	0.31	cps
Molybdenum	94-1	1887	1957	1963	1936	2.19	cps
Molybdenum	95-1	317	293	360	323	10.46	cps
Molybdenum	96-1	790	803	850	814	3.87	cps
Molybdenum	97-1	217	203	203	208	3.70	cps
Molybdenum	98-1	573	570	617	587	4.44	cps
Neodymium	150-1	4631	4687	4444	4587	2.78	cps
Neodymium	150-2	2590	2434	2610	2545	3.80	cps
Nickel	60-2	1377	1480	1490	1449	4.33	cps
Phosphorus	31-2	710	863	833	802	10.13	cps
Potassium	39-2	112754	112367	112710	112610	0.19	cps
Rhodium	103-1	9124751	9161385	9153683	9146606	0.21	cps
Rhodium	103-2	4866772	4916951	4889177	4890967	0.51	cps
Scandium	45-1	4912776	4891741	4891489	4898668	0.25	cps
Scandium	45-2	378167	378937	384628	380577	0.93	cps
Selenium	82-1	508	515	489	504	2.76	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	137	120	97	118	17.06	cps
Silicon	28-1	650943	657428	661198	656523	0.79	cps
Silver	107-1	253	363	390	336	21.59	cps
Silver	109-1	300	240	307	282	13.01	cps
Sodium	23-2	11735	11735	11865	11778	0.64	cps
Strontium	86-1	5945	6398	6398	6247	4.19	cps
Strontium	88-1	53925	53691	53731	53782	0.23	cps
Sulfur	34-1	100790	101957	101065	101270	0.60	cps
Terbium	159-1	14181423	14333460	14153333	14222739	0.68	cps
Terbium	159-2	9030854	8924896	9144136	9033295	1.21	cps
Thallium	203-1	207	190	203	200	4.41	cps
Thallium	205-1	560	497	467	508	9.38	cps
Tin	118-1	1147	1230	1103	1160	5.55	cps
Titanium	47-1	52029	51751	52501	52094	0.73	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD4G6L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:40:08	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1113	1017	1173	1101	7.18	cps
Vanadium	51-2	16065	16409	16609	16361	1.68	cps
Yttrium	89-1	10531320	10552121	10478974	10520805	0.36	cps
Yttrium	89-2	2359877	2366105	2366317	2364100	0.15	cps
Zinc	66-2	8182	7976	7775	7978	2.55	cps
Zirconium	90-1	4234	4671	4601	4502	5.21	cps
Zirconium	91-1	1023	973	947	981	3.97	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:43:24	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	956328	956726	948965	954006	0.46	cps
Antimony	121-1	95008	95195	97507	95903	1.45	cps
Arsenic	75-2	11728	12128	11641	11833	2.20	cps
Barium	135-1	597954	611505	606354	605271	1.13	cps
Barium	137-1	1047540	1057480	1042706	1049242	0.72	cps
Beryllium	9-1	7672	7792	8262	7909	3.94	cps
Bismuth	209-1	8637500	8615294	8831031	8694608	1.36	cps
Bismuth	209-2	7041137	7021594	6170966	6744566	7.37	cps
Bromine	81-1	7232	6982	7929	7381	6.65	cps
Bromine	81-2	53	90	97	80	29.17	cps
Cadmium	108-1	803	850	773	809	4.78	cps
Cadmium	106-1	4227	3937	4044	4069	3.61	cps
Cadmium	111-1	13483	13563	13274	13440	1.11	cps
Calcium	43-1	44645	44919	45214	44926	0.63	cps
Calcium	44-1	716206	723518	731930	723885	1.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	81240	80456	80433	80710	0.57	cps
Cobalt	59-2	263576	263793	260176	262515	0.77	cps
Copper	63-2	185696	187140	187516	186784	0.51	cps
Dysprosium	156-1	14084	14254	14127	14155	0.62	cps
Dysprosium	156-2	10898	11048	11348	11098	2.07	cps
Erbium	164-1	12245	12042	12876	12388	3.51	cps
Erbium	164-2	8449	8216	8126	8264	2.02	cps
Gadolinium	160-1	13236	13433	13483	13384	0.98	cps
Gadolinium	160-2	9293	9757	9580	9543	2.45	cps
Holmium	165-1	13736702	14094934	13708108	13846581	1.56	cps
Holmium	165-2	9276685	9225291	7975864	8825947	8.35	cps
Indium	115-1	10194286	10454173	10201638	10283366	1.44	cps
Indium	115-2	3141927	3092599	2760459	2998329	6.92	cps
Iron	56-2	44599418	44213843	44331448	44381569	0.45	cps
Iron	57-2	1172314	1162374	1162774	1165821	0.48	cps
Iron	54-2	2447011	2424967	2429836	2433938	0.48	cps
Krypton	83-1	127	130	137	131	3.88	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:43:24	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	161014	164803	168520	164779	2.28	cps
Lead	207-1	153550	153606	150603	152586	1.13	cps
Lead	208-1	662904	672102	688247	674418	1.90	cps
Lithium	6-1	1967680	2016053	2004150	1995961	1.26	cps
Magnesium	24-2	601686	602803	598656	601049	0.36	cps
Manganese	55-2	863518	857261	859941	860240	0.36	cps
Molybdenum	94-1	8212	8459	8899	8524	4.08	cps
Molybdenum	95-1	1347	1450	1363	1387	4.00	cps
Molybdenum	96-1	3607	3420	3404	3477	3.25	cps
Molybdenum	97-1	880	900	970	917	5.16	cps
Molybdenum	98-1	2154	2417	2054	2208	8.50	cps
Neodymium	150-1	23056	23126	23904	23362	2.01	cps
Neodymium	150-2	12929	12866	12723	12839	0.83	cps
Nickel	60-2	64682	63899	62965	63848	1.35	cps
Phosphorus	31-2	4084	3747	3664	3832	5.81	cps
Potassium	39-2	489768	487132	486191	487697	0.38	cps
Rhodium	103-1	9347204	9139296	8992251	9159584	1.95	cps
Rhodium	103-2	4893388	4876650	4296718	4688919	7.25	cps
Scandium	45-1	4845803	4970654	4856075	4890844	1.42	cps
Scandium	45-2	379011	377018	331898	362642	7.35	cps
Selenium	82-1	2038	2062	1949	2016	2.95	cps
Selenium	77-2	103	153	170	142	24.39	cps
Selenium	78-2	507	553	513	524	4.81	cps
Silicon	28-1	3006539	3046389	3058787	3037238	0.90	cps
Silver	107-1	56790	57443	58762	57665	1.74	cps
Silver	109-1	54529	55609	57323	55820	2.52	cps
Sodium	23-2	21095	21619	22093	21602	2.31	cps
Strontium	86-1	32436	33197	32513	32715	1.28	cps
Strontium	88-1	278912	284202	288251	283788	1.65	cps
Sulfur	34-1	103527	99263	100417	101069	2.18	cps
Terbium	159-1	14701208	14538524	14033385	14424372	2.41	cps
Terbium	159-2	9080688	9071976	7914073	8688913	7.72	cps
Thallium	203-1	45519	44747	44332	44866	1.34	cps
Thallium	205-1	104366	104013	110128	106169	3.23	cps
Tin	118-1	3257	3110	3224	3197	2.41	cps
Titanium	47-1	274289	282104	275014	277136	1.56	cps

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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:43:24	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5938	5861	5941	5914	0.77	cps
Vanadium	51-2	213352	209659	211250	211420	0.88	cps
Yttrium	89-1	10515605	10380559	10596023	10497396	1.04	cps
Yttrium	89-2	2390313	2367474	2090601	2282796	7.31	cps
Zinc	66-2	67391	67672	66842	67302	0.63	cps
Zirconium	90-1	20324	21049	20751	20708	1.76	cps
Zirconium	91-1	4721	4794	4601	4705	2.07	cps

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On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:46:40	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1041235	1038949	1036460	1038881	0.23	cps
Antimony	121-1	460578	466060	465613	464084	0.66	cps
Arsenic	75-2	17203	17430	17203	17279	0.76	cps
Barium	135-1	2629542	2626631	2651302	2635825	0.51	cps
Barium	137-1	4487261	4558456	4525069	4523595	0.79	cps
Beryllium	9-1	35998	36673	36777	36483	1.16	cps
Bismuth	209-1	8836317	8769198	8807368	8804294	0.38	cps
Bismuth	209-2	7016953	7032375	6946629	6998652	0.65	cps
Bromine	81-1	7545	7372	7469	7462	1.16	cps
Bromine	81-2	90	73	67	77	15.68	cps
Cadmium	108-1	3650	3821	3811	3761	2.54	cps
Cadmium	106-1	8102	8319	8339	8254	1.59	cps
Cadmium	111-1	60458	61266	61282	61002	0.77	cps
Calcium	43-1	43790	43967	43282	43679	0.81	cps
Calcium	44-1	698931	709526	705559	704672	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	305169	302468	300855	302831	0.72	cps
Cobalt	59-2	1130954	1126474	1125037	1127488	0.27	cps
Copper	63-2	476211	477407	473439	475686	0.43	cps
Dysprosium	156-1	13934	14247	13837	14006	1.53	cps
Dysprosium	156-2	11058	10557	10718	10778	2.37	cps
Erbium	164-1	11782	11788	11775	11782	0.06	cps
Erbium	164-2	7532	8116	8056	7901	4.06	cps
Gadolinium	160-1	12979	12836	13063	12959	0.89	cps
Gadolinium	160-2	9670	9473	9337	9493	1.77	cps
Holmium	165-1	13870334	13912978	13769529	13850947	0.53	cps
Holmium	165-2	9170084	9255906	8958657	9128216	1.68	cps
Indium	115-1	10229570	10124247	10100849	10151555	0.68	cps
Indium	115-2	3096494	3087668	3074786	3086316	0.35	cps
Iron	56-2	44172103	44103893	43964586	44080194	0.24	cps
Iron	57-2	1156996	1155099	1149773	1153956	0.32	cps
Iron	54-2	2431174	2421879	2398725	2417259	0.69	cps
Krypton	83-1	153	180	137	157	13.95	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:46:40	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	219433	219907	221279	220206	0.44	cps
Lead	207-1	198167	198768	198775	198570	0.18	cps
Lead	208-1	887900	889180	892459	889846	0.26	cps
Lithium	6-1	1965215	1937488	1985701	1962801	1.23	cps
Magnesium	24-2	580898	579355	577666	579306	0.28	cps
Manganese	55-2	1266957	1264190	1265091	1265413	0.11	cps
Molybdenum	94-1	8389	8519	8679	8529	1.70	cps
Molybdenum	95-1	1357	1360	1367	1361	0.37	cps
Molybdenum	96-1	3470	3487	3330	3429	2.51	cps
Molybdenum	97-1	833	850	813	832	2.21	cps
Molybdenum	98-1	2080	2023	2290	2131	6.59	cps
Neodymium	150-1	23223	23413	23383	23339	0.44	cps
Neodymium	150-2	12422	12646	12566	12545	0.90	cps
Nickel	60-2	282305	281212	280562	281359	0.31	cps
Phosphorus	31-2	3847	3974	3851	3891	1.86	cps
Potassium	39-2	471158	474740	470893	472264	0.45	cps
Rhodium	103-1	9079520	9104048	9056150	9079906	0.26	cps
Rhodium	103-2	4815804	4841069	4760186	4805687	0.86	cps
Scandium	45-1	4941743	4937062	4890031	4922945	0.58	cps
Scandium	45-2	375702	376404	372528	374878	0.55	cps
Selenium	82-1	7476	7603	7395	7491	1.40	cps
Selenium	77-2	577	550	590	572	3.56	cps
Selenium	78-2	2150	2184	1957	2097	5.84	cps
Silicon	28-1	2926507	2970410	2988234	2961717	1.07	cps
Silver	107-1	257821	263623	262527	261324	1.18	cps
Silver	109-1	248285	252997	248885	250056	1.03	cps
Sodium	23-2	21001	21108	21311	21140	0.75	cps
Strontium	86-1	31340	31601	31357	31432	0.46	cps
Strontium	88-1	275618	276192	277737	276516	0.40	cps
Sulfur	34-1	100504	100430	100676	100537	0.13	cps
Terbium	159-1	14365475	14346229	14247405	14319703	0.44	cps
Terbium	159-2	8993019	9059377	8978297	9010231	0.48	cps
Thallium	203-1	222443	224656	226798	224632	0.97	cps
Thallium	205-1	524618	529921	531502	528680	0.68	cps
Tin	118-1	3034	3210	3100	3115	2.87	cps
Titanium	47-1	266755	271165	270415	269445	0.88	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2810-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD4G6SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:46:40	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5968	5755	5781	5835	1.99	cps
Vanadium	51-2	698452	694932	693728	695704	0.35	cps
Yttrium	89-1	10605657	10683043	10659600	10649433	0.37	cps
Yttrium	89-2	2352705	2329018	2309651	2330458	0.93	cps
Zinc	66-2	169176	169449	166985	168536	0.80	cps
Zirconium	90-1	20164	20274	20458	20299	0.73	cps
Zirconium	91-1	4641	4534	4924	4700	4.29	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:49:53	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1239401	1277090	1208193	1241561	2.78	cps
Antimony	121-1	2234	2360	2604	2399	7.84	cps
Arsenic	75-2	7989	8402	8059	8150	2.72	cps
Barium	135-1	152618	152779	154942	153446	0.85	cps
Barium	137-1	259571	267090	266611	264424	1.59	cps
Beryllium	9-1	403	483	440	442	9.06	cps
Bismuth	209-1	9016237	8627261	8456332	8699943	3.30	cps
Bismuth	209-2	6790290	1367556	5995188	4717678	62.07	cps
Bromine	81-1	7038	7259	6962	7086	2.17	cps
Bromine	81-2	90	73	90	84	11.40	cps
Cadmium	108-1	73	80	73	76	5.10	cps
Cadmium	106-1	2904	2894	2720	2839	3.63	cps
Cadmium	111-1	1204	1223	1229	1219	1.10	cps
Calcium	43-1	63479	64885	65427	64597	1.56	cps
Calcium	44-1	1038573	1045431	1041673	1041892	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25034	25368	24764	25055	1.21	cps
Cobalt	59-2	34229	35141	34176	34515	1.57	cps
Copper	63-2	105394	109188	105518	106700	2.02	cps
Dysprosium	156-1	14648	14564	14778	14663	0.73	cps
Dysprosium	156-2	11014	11708	11108	11277	3.34	cps
Erbium	164-1	13310	12956	13083	13116	1.37	cps
Erbium	164-2	9006	9023	8860	8963	1.00	cps
Gadolinium	160-1	13677	14448	14324	14149	2.93	cps
Gadolinium	160-2	9834	10424	10010	10089	3.00	cps
Holmium	165-1	14137521	13521862	14072764	13910716	2.43	cps
Holmium	165-2	8849521	1785593	7784605	6139906	62.03	cps
Indium	115-1	10379514	9961258	10269815	10203529	2.13	cps
Indium	115-2	3014271	600507	2633664	2082814	62.31	cps
Iron	56-2	46333243	47622006	46234219	46729823	1.66	cps
Iron	57-2	1210592	1243646	1204980	1219739	1.71	cps
Iron	54-2	2529253	2602670	2506205	2546043	1.98	cps
Krypton	83-1	153	137	123	138	10.91	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:49:53	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	116672	114950	118491	116704	1.52	cps
Lead	207-1	105317	106711	107034	106354	0.86	cps
Lead	208-1	466525	474879	473616	471673	0.95	cps
Lithium	6-1	2017553	1957298	1971119	1981990	1.59	cps
Magnesium	24-2	825143	848948	821611	831901	1.79	cps
Manganese	55-2	760187	781544	759750	767160	1.62	cps
Molybdenum	94-1	9540	10190	10087	9939	3.52	cps
Molybdenum	95-1	857	843	927	876	5.11	cps
Molybdenum	96-1	3310	3317	3374	3334	1.04	cps
Molybdenum	97-1	577	527	520	541	5.72	cps
Molybdenum	98-1	1453	1373	1393	1407	2.96	cps
Neodymium	150-1	23613	23970	23209	23598	1.61	cps
Neodymium	150-2	12883	13109	12596	12863	2.00	cps
Nickel	60-2	8609	9023	8306	8646	4.16	cps
Phosphorus	31-2	3070	3460	3177	3236	6.23	cps
Potassium	39-2	405011	415092	400504	406869	1.84	cps
Rhodium	103-1	8969408	8893876	9000550	8954611	0.61	cps
Rhodium	103-2	4662110	948588	4104898	3238532	61.84	cps
Scandium	45-1	4946437	4891110	4876956	4904834	0.75	cps
Scandium	45-2	368055	77953	316215	254074	60.89	cps
Selenium	82-1	621	553	558	577	6.61	cps
Selenium	77-2	20	20	27	22	17.33	cps
Selenium	78-2	117	120	137	124	8.61	cps
Silicon	28-1	4102350	4108576	4091057	4100661	0.22	cps
Silver	107-1	1480	1297	1273	1350	8.38	cps
Silver	109-1	1407	1187	1203	1266	9.68	cps
Sodium	23-2	23381	23939	24066	23795	1.53	cps
Strontium	86-1	38808	38530	40044	39127	2.06	cps
Strontium	88-1	339075	345773	342502	342450	0.98	cps
Sulfur	34-1	97897	101239	96318	98485	2.55	cps
Terbium	159-1	14173950	14284527	14178175	14212217	0.44	cps
Terbium	159-2	8659182	1783252	7783742	6075392	61.61	cps
Thallium	203-1	580	570	527	559	5.07	cps
Thallium	205-1	1303	1393	1207	1301	7.18	cps
Tin	118-1	2684	2590	2797	2690	3.85	cps
Titanium	47-1	211388	214862	217598	214616	1.45	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:49:53	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4411	4758	4761	4643	4.33	cps
Vanadium	51-2	87562	91271	86522	88452	2.82	cps
Yttrium	89-1	10817909	10445751	10397513	10553724	2.18	cps
Yttrium	89-2	2285899	504645	1995618	1595387	59.90	cps
Zinc	66-2	35696	36802	35659	36052	1.80	cps
Zirconium	90-1	25642	24684	25315	25214	1.93	cps
Zirconium	91-1	5788	5948	5574	5770	3.25	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:53:10	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1277854	1278647	1281587	1279363	0.15	cps
Antimony	121-1	2117	2027	2140	2095	2.86	cps
Arsenic	75-2	8226	7979	8206	8137	1.68	cps
Barium	135-1	151311	157446	159778	156178	2.80	cps
Barium	137-1	265990	267289	273782	269020	1.55	cps
Beryllium	9-1	383	403	400	396	2.71	cps
Bismuth	209-1	8567551	8695941	8722330	8661940	0.96	cps
Bismuth	209-2	7027463	6978929	6961385	6989259	0.49	cps
Bromine	81-1	7132	6862	7052	7015	1.98	cps
Bromine	81-2	107	73	83	88	19.49	cps
Cadmium	108-1	93	73	103	90	16.97	cps
Cadmium	106-1	3217	2790	2937	2981	7.27	cps
Cadmium	111-1	1241	1116	1258	1205	6.46	cps
Calcium	43-1	64968	65159	66732	65620	1.48	cps
Calcium	44-1	1055660	1058635	1076906	1063733	1.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25518	25331	24881	25243	1.30	cps
Cobalt	59-2	36107	35134	34790	35344	1.93	cps
Copper	63-2	109523	108046	107103	108224	1.13	cps
Dysprosium	156-1	14141	15198	15399	14912	4.53	cps
Dysprosium	156-2	11208	11108	11355	11223	1.11	cps
Erbium	164-1	12963	13066	13767	13265	3.30	cps
Erbium	164-2	9343	8823	9046	9071	2.88	cps
Gadolinium	160-1	14334	13944	14488	14255	1.97	cps
Gadolinium	160-2	10514	10691	10674	10626	0.92	cps
Holmium	165-1	13489818	13997294	14116856	13867989	2.40	cps
Holmium	165-2	9317098	9272319	9224128	9271182	0.50	cps
Indium	115-1	9916490	10265697	10357588	10179925	2.29	cps
Indium	115-2	3160281	3062095	3096622	3106332	1.60	cps
Iron	56-2	47856233	47318316	47563319	47579289	0.57	cps
Iron	57-2	1253222	1241769	1240004	1244998	0.58	cps
Iron	54-2	2594440	2612620	2572929	2593330	0.77	cps
Krypton	83-1	123	130	153	136	11.62	cps

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:53:10	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115081	118327	122456	118621	3.12	cps
Lead	207-1	107471	108391	110427	108763	1.39	cps
Lead	208-1	475853	473877	487018	478916	1.48	cps
Lithium	6-1	1966148	1937702	1942052	1948634	0.79	cps
Magnesium	24-2	849508	856550	852368	852809	0.42	cps
Manganese	55-2	784088	778123	776081	779431	0.53	cps
Molybdenum	94-1	9470	9553	9940	9654	2.60	cps
Molybdenum	95-1	857	843	787	829	4.48	cps
Molybdenum	96-1	2960	3337	3140	3146	5.99	cps
Molybdenum	97-1	447	470	553	490	11.44	cps
Molybdenum	98-1	1323	1270	1407	1333	5.17	cps
Neodymium	150-1	24414	24298	24024	24245	0.83	cps
Neodymium	150-2	13320	13286	13453	13353	0.66	cps
Nickel	60-2	8823	8512	8613	8649	1.83	cps
Phosphorus	31-2	3450	3494	3420	3455	1.07	cps
Potassium	39-2	418987	417096	415010	417031	0.48	cps
Rhodium	103-1	8789133	8907140	8991339	8895870	1.14	cps
Rhodium	103-2	4855789	4876422	4876422	4869544	0.24	cps
Scandium	45-1	4832420	4858990	4972125	4887845	1.52	cps
Scandium	45-2	379858	380056	377658	379190	0.35	cps
Selenium	82-1	547	552	583	561	3.48	cps
Selenium	77-2	27	7	17	17	59.99	cps
Selenium	78-2	147	143	140	143	2.33	cps
Silicon	28-1	4048875	4123334	4228564	4133591	2.18	cps
Silver	107-1	963	1063	1127	1051	7.83	cps
Silver	109-1	1050	1097	1063	1070	2.25	cps
Sodium	23-2	24660	23972	24283	24305	1.42	cps
Strontium	86-1	39155	40947	41642	40581	3.16	cps
Strontium	88-1	348634	346554	351789	348992	0.76	cps
Sulfur	34-1	99259	96408	99122	98263	1.64	cps
Terbium	159-1	13988508	14054509	14456544	14166520	1.79	cps
Terbium	159-2	9142202	8989357	8934998	9022186	1.19	cps
Thallium	203-1	520	570	523	538	5.20	cps
Thallium	205-1	1313	1213	1367	1298	6.00	cps
Tin	118-1	2800	2670	3248	2906	10.42	cps
Titanium	47-1	216776	220346	223925	220349	1.62	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-02DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442D	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:53:10	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4778	4598	4664	4680	1.95	cps
Vanadium	51-2	89614	89597	88930	89380	0.44	cps
Yttrium	89-1	10454342	10369816	10581123	10468427	1.02	cps
Yttrium	89-2	2415859	2338701	2372267	2375609	1.63	cps
Zinc	66-2	36505	36575	36508	36529	0.11	cps
Zirconium	90-1	24300	25248	25669	25073	2.80	cps
Zirconium	91-1	5514	5755	5898	5722	3.39	cps

Reviewed By:Mohan
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Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:56:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	245167	247293	244865	245775	0.54	cps
Antimony	121-1	430	517	370	439	16.80	cps
Arsenic	75-2	1587	1397	1570	1518	6.93	cps
Barium	135-1	29621	30282	29998	29967	1.11	cps
Barium	137-1	51295	51108	51867	51424	0.77	cps
Beryllium	9-1	103	113	107	108	4.73	cps
Bismuth	209-1	8630341	8550131	8620226	8600233	0.51	cps
Bismuth	209-2	6915016	6929355	6915640	6920004	0.12	cps
Bromine	81-1	6728	7155	7082	6988	3.27	cps
Bromine	81-2	27	47	20	31	44.61	cps
Cadmium	108-1	13	13	20	16	24.76	cps
Cadmium	106-1	2684	2840	2697	2740	3.17	cps
Cadmium	111-1	476	510	497	494	3.54	cps
Calcium	43-1	12682	12585	12672	12646	0.42	cps
Calcium	44-1	202344	205187	203266	203599	0.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5248	4991	5094	5111	2.53	cps
Cobalt	59-2	6905	6898	6815	6873	0.73	cps
Copper	63-2	21195	20911	21095	21067	0.68	cps
Dysprosium	156-1	2744	3060	2737	2847	6.49	cps
Dysprosium	156-2	2234	2097	2134	2155	3.28	cps
Erbium	164-1	2624	2670	2694	2663	1.34	cps
Erbium	164-2	1840	1737	1687	1755	4.46	cps
Gadolinium	160-1	2680	2657	2617	2651	1.21	cps
Gadolinium	160-2	2317	2284	2477	2359	4.38	cps
Holmium	165-1	13450205	13536979	13504781	13497322	0.32	cps
Holmium	165-2	9103059	9031687	8930272	9021673	0.96	cps
Indium	115-1	9961098	9907617	10037776	9968830	0.66	cps
Indium	115-2	3096318	3055278	3079684	3077093	0.67	cps
Iron	56-2	9091881	8979759	8993452	9021697	0.68	cps
Iron	57-2	237182	234346	237233	236253	0.70	cps
Iron	54-2	514483	516066	516597	515715	0.21	cps
Krypton	83-1	120	97	103	107	11.27	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:56:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22595	22312	22792	22567	1.07	cps
Lead	207-1	20723	20866	21063	20884	0.82	cps
Lead	208-1	92329	91714	92405	92150	0.41	cps
Lithium	6-1	1943187	1965280	1933298	1947255	0.84	cps
Magnesium	24-2	160618	159810	159662	160030	0.32	cps
Manganese	55-2	149292	148740	148060	148697	0.41	cps
Molybdenum	94-1	1970	2074	2164	2069	4.68	cps
Molybdenum	95-1	203	237	210	217	8.14	cps
Molybdenum	96-1	727	667	813	736	10.02	cps
Molybdenum	97-1	143	120	130	131	8.93	cps
Molybdenum	98-1	337	397	380	371	8.35	cps
Neodymium	150-1	4771	4364	4404	4513	4.97	cps
Neodymium	150-2	2654	2297	2510	2487	7.22	cps
Nickel	60-2	2030	1883	1783	1899	6.53	cps
Phosphorus	31-2	607	730	727	688	10.22	cps
Potassium	39-2	98415	97824	96486	97575	1.01	cps
Rhodium	103-1	8846785	8829012	8991532	8889110	1.00	cps
Rhodium	103-2	4803558	4836578	4782170	4807435	0.57	cps
Scandium	45-1	4786482	4835418	4792395	4804765	0.56	cps
Scandium	45-2	368578	371308	371568	370485	0.45	cps
Selenium	82-1	518	492	498	503	2.67	cps
Selenium	77-2	13	0	10	8	89.21	cps
Selenium	78-2	103	110	107	107	3.13	cps
Silicon	28-1	889256	897548	903370	896725	0.79	cps
Silver	107-1	240	240	267	249	6.19	cps
Silver	109-1	177	187	200	188	6.23	cps
Sodium	23-2	11274	10881	10630	10928	2.97	cps
Strontium	86-1	7689	7562	7582	7611	0.90	cps
Strontium	88-1	66847	66436	67092	66792	0.50	cps
Sulfur	34-1	94728	94574	96331	95211	1.02	cps
Terbium	159-1	13882906	13787631	13914489	13861675	0.48	cps
Terbium	159-2	8927430	8881220	8854670	8887774	0.41	cps
Thallium	203-1	153	150	153	152	1.27	cps
Thallium	205-1	280	457	317	351	26.55	cps
Tin	118-1	863	920	943	909	4.53	cps
Titanium	47-1	41821	41818	42005	41881	0.26	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01LDLX20	Instrumnet Name :	P7
Client Sample ID :	MYD442L	Dilution Factor :	20
Date & Time Acquired :	2024-10-04 16:56:24	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	853	933	793	860	8.17	cps
Vanadium	51-2	16639	16913	16693	16748	0.87	cps
Yttrium	89-1	10298642	10320552	10357100	10325431	0.29	cps
Yttrium	89-2	2318014	2287747	2305103	2303621	0.66	cps
Zinc	66-2	7092	7215	6962	7090	1.79	cps
Zirconium	90-1	5148	5431	5021	5200	4.04	cps
Zirconium	91-1	1117	1087	1373	1192	13.22	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:59:43	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1327373	1318775	1318299	1321482	0.39	cps
Antimony	121-1	100575	101562	100830	100989	0.51	cps
Arsenic	75-2	9727	10030	9880	9879	1.54	cps
Barium	135-1	656080	654723	661790	657531	0.57	cps
Barium	137-1	1128385	1160276	1160224	1149628	1.60	cps
Beryllium	9-1	7725	7985	8252	7988	3.30	cps
Bismuth	209-1	8528924	8395498	8399078	8441167	0.90	cps
Bismuth	209-2	6797095	6795014	6829270	6807126	0.28	cps
Bromine	81-1	7402	7022	6978	7134	3.27	cps
Bromine	81-2	87	73	87	82	9.37	cps
Cadmium	108-1	887	907	860	884	2.65	cps
Cadmium	106-1	4047	3961	3807	3938	3.09	cps
Cadmium	111-1	13907	14090	13428	13808	2.48	cps
Calcium	43-1	67918	69980	68865	68921	1.50	cps
Calcium	44-1	1104056	1108799	1106958	1106605	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	85463	85846	85061	85457	0.46	cps
Cobalt	59-2	267013	264966	266018	265999	0.38	cps
Copper	63-2	189743	189526	186681	188650	0.91	cps
Dysprosium	156-1	14851	15108	15689	15216	2.82	cps
Dysprosium	156-2	11745	11431	11592	11589	1.35	cps
Erbium	164-1	14141	13493	13417	13683	2.91	cps
Erbium	164-2	9263	9020	9283	9189	1.60	cps
Gadolinium	160-1	14735	14978	14805	14839	0.84	cps
Gadolinium	160-2	10624	10617	10317	10520	1.67	cps
Holmium	165-1	13358511	13264436	13514695	13379214	0.94	cps
Holmium	165-2	8954063	9012433	9042381	9002959	0.50	cps
Indium	115-1	9911326	9902922	9878460	9897570	0.17	cps
Indium	115-2	3070868	3044259	3054450	3056526	0.44	cps
Iron	56-2	48917911	48368556	48313678	48533382	0.69	cps
Iron	57-2	1274606	1273819	1261996	1270140	0.56	cps
Iron	54-2	2620880	2642863	2634009	2632584	0.42	cps
Krypton	83-1	100	97	113	103	8.54	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:59:43	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	133659	135271	136164	135031	0.94	cps
Lead	207-1	122216	126024	126294	124845	1.83	cps
Lead	208-1	551108	557757	552588	553818	0.63	cps
Lithium	6-1	1962676	1960844	1926966	1950162	1.03	cps
Magnesium	24-2	869175	863569	854194	862313	0.88	cps
Manganese	55-2	914148	911300	904076	909841	0.57	cps
Molybdenum	94-1	10597	10037	10394	10343	2.74	cps
Molybdenum	95-1	980	847	917	914	7.29	cps
Molybdenum	96-1	3370	3554	3624	3516	3.72	cps
Molybdenum	97-1	607	563	603	591	4.08	cps
Molybdenum	98-1	1533	1553	1327	1471	8.53	cps
Neodymium	150-1	25166	25156	24388	24903	1.79	cps
Neodymium	150-2	13680	13460	13750	13630	1.11	cps
Nickel	60-2	66714	66697	65733	66381	0.85	cps
Phosphorus	31-2	3394	3484	3367	3415	1.79	cps
Potassium	39-2	423116	423493	418446	421685	0.67	cps
Rhodium	103-1	8827416	8826380	9014954	8889583	1.22	cps
Rhodium	103-2	4755870	4723763	4775626	4751753	0.55	cps
Scandium	45-1	4815757	4818083	4828678	4820839	0.14	cps
Scandium	45-2	370342	368034	367627	368668	0.40	cps
Selenium	82-1	2057	2049	1988	2031	1.87	cps
Selenium	77-2	137	167	123	142	15.60	cps
Selenium	78-2	550	520	577	549	5.17	cps
Silicon	28-1	4342272	4378362	4356911	4359182	0.42	cps
Silver	107-1	58397	59378	59069	58948	0.85	cps
Silver	109-1	55780	56704	56195	56226	0.82	cps
Sodium	23-2	22637	22717	22673	22676	0.18	cps
Strontium	86-1	40542	41448	42602	41531	2.49	cps
Strontium	88-1	360365	366725	361600	362897	0.93	cps
Sulfur	34-1	97508	97123	95858	96830	0.89	cps
Terbium	159-1	13705050	14034511	14140714	13960092	1.63	cps
Terbium	159-2	8994709	8825002	8832625	8884112	1.08	cps
Thallium	203-1	45633	47298	48028	46986	2.61	cps
Thallium	205-1	112994	114251	111636	112961	1.16	cps
Tin	118-1	2857	2734	2794	2795	2.21	cps
Titanium	47-1	225552	228671	230596	228273	1.12	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-03DLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442S	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 16:59:43	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4641	4584	4881	4702	3.35	cps
Vanadium	51-2	221380	221924	220111	221138	0.42	cps
Yttrium	89-1	10451848	10332664	10345689	10376734	0.63	cps
Yttrium	89-2	2356128	2296626	2299071	2317275	1.45	cps
Zinc	66-2	64184	64324	63625	64044	0.58	cps
Zirconium	90-1	26140	26304	26641	26361	0.97	cps
Zirconium	91-1	5658	5748	5981	5796	2.88	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 17:02:57	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1370134	1378098	1384658	1377630	0.53	cps
Antimony	121-1	477371	479766	476121	477753	0.39	cps
Arsenic	75-2	15842	15361	15755	15653	1.64	cps
Barium	135-1	2704348	2736278	2735818	2725481	0.67	cps
Barium	137-1	4625965	4653455	4601773	4627064	0.56	cps
Beryllium	9-1	36122	36897	35911	36310	1.43	cps
Bismuth	209-1	8491691	8017427	8654254	8387791	3.94	cps
Bismuth	209-2	6810082	6814369	6879636	6834695	0.57	cps
Bromine	81-1	7319	7082	7275	7225	1.75	cps
Bromine	81-2	87	63	67	72	17.48	cps
Cadmium	108-1	3811	4117	3897	3942	4.01	cps
Cadmium	106-1	8376	8019	8352	8249	2.42	cps
Cadmium	111-1	62087	63020	63238	62782	0.97	cps
Calcium	43-1	66013	67080	65922	66338	0.97	cps
Calcium	44-1	1056491	1064395	1059807	1060231	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	308233	307334	306759	307442	0.24	cps
Cobalt	59-2	1129085	1124441	1120881	1124802	0.37	cps
Copper	63-2	474447	476501	474038	474995	0.28	cps
Dysprosium	156-1	14728	14554	14745	14676	0.72	cps
Dysprosium	156-2	10984	11345	11375	11235	1.93	cps
Erbium	164-1	13320	13313	13430	13354	0.49	cps
Erbium	164-2	8923	8696	8910	8843	1.44	cps
Gadolinium	160-1	13854	14648	14708	14403	3.31	cps
Gadolinium	160-2	9960	10381	9977	10106	2.36	cps
Holmium	165-1	13394255	12696530	13620018	13236934	3.64	cps
Holmium	165-2	8955797	9069127	9138383	9054436	1.02	cps
Indium	115-1	9909944	9399334	10073649	9794309	3.59	cps
Indium	115-2	3069922	3042780	3084784	3065829	0.69	cps
Iron	56-2	47897939	47800098	47582949	47760329	0.34	cps
Iron	57-2	1248654	1255828	1245393	1249958	0.43	cps
Iron	54-2	2640155	2582802	2611935	2611631	1.10	cps
Krypton	83-1	110	130	140	127	12.06	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 17:02:57	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	191378	192783	192000	192053	0.37	cps
Lead	207-1	172543	174438	172024	173002	0.73	cps
Lead	208-1	773735	781250	773306	776097	0.58	cps
Lithium	6-1	1909953	1807923	1942737	1886871	3.73	cps
Magnesium	24-2	827622	830739	827347	828569	0.23	cps
Manganese	55-2	1304531	1304871	1298143	1302515	0.29	cps
Molybdenum	94-1	10130	10144	9873	10049	1.52	cps
Molybdenum	95-1	903	900	1007	937	6.47	cps
Molybdenum	96-1	3450	3180	3414	3348	4.37	cps
Molybdenum	97-1	547	590	613	583	5.80	cps
Molybdenum	98-1	1437	1607	1390	1478	7.72	cps
Neodymium	150-1	24061	24251	24698	24337	1.35	cps
Neodymium	150-2	12893	13153	13073	13039	1.02	cps
Nickel	60-2	285802	283650	281071	283508	0.84	cps
Phosphorus	31-2	3194	3430	3117	3247	5.03	cps
Potassium	39-2	406260	406116	402500	404958	0.53	cps
Rhodium	103-1	8671248	8266607	8962267	8633374	4.05	cps
Rhodium	103-2	4704306	4705464	4748203	4719324	0.53	cps
Scandium	45-1	4742744	4497821	4835348	4691971	3.72	cps
Scandium	45-2	366914	367356	369278	367849	0.34	cps
Selenium	82-1	7997	7952	7958	7969	0.31	cps
Selenium	77-2	553	657	657	622	9.59	cps
Selenium	78-2	2094	2140	2204	2146	2.57	cps
Silicon	28-1	4158011	4209846	4231363	4199740	0.90	cps
Silver	107-1	226171	239945	231754	232623	2.98	cps
Silver	109-1	214929	219491	222142	218854	1.67	cps
Sodium	23-2	22139	22523	22483	22382	0.94	cps
Strontium	86-1	40038	40228	39657	39974	0.73	cps
Strontium	88-1	348748	353801	352857	351802	0.76	cps
Sulfur	34-1	95530	93769	93695	94331	1.10	cps
Terbium	159-1	13779708	13140445	14063635	13661262	3.46	cps
Terbium	159-2	8804854	8837470	8832025	8824783	0.20	cps
Thallium	203-1	231207	230878	230382	230822	0.18	cps
Thallium	205-1	542780	548901	544218	545300	0.59	cps
Tin	118-1	2750	2840	2690	2760	2.74	cps
Titanium	47-1	217436	220567	218964	218989	0.72	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	P2793-01MSDLX4	Instrumnet Name :	P7
Client Sample ID :	MYD442SRE	Dilution Factor :	4
Date & Time Acquired :	2024-10-04 17:02:57	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4481	4467	4684	4544	2.67	cps
Vanadium	51-2	704553	701961	697415	701309	0.52	cps
Yttrium	89-1	10341923	9816526	10433247	10197232	3.26	cps
Yttrium	89-2	2293708	2331512	2314590	2313270	0.82	cps
Zinc	66-2	166874	164723	165021	165539	0.70	cps
Zirconium	90-1	24811	25753	25051	25205	1.94	cps
Zirconium	91-1	5524	5728	5581	5611	1.87	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P7
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:06:10	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4679689	4605117	4629208	4638005	0.82	cps
Antimony	121-1	2787030	2865905	2838235	2830390	1.41	cps
Arsenic	75-2	111007	109651	110047	110235	0.63	cps
Barium	135-1	3932687	3949638	4008027	3963451	1.00	cps
Barium	137-1	6707750	6786978	6785190	6759973	0.67	cps
Beryllium	9-1	422695	431108	437058	430287	1.68	cps
Bismuth	209-1	7824917	7940798	7912202	7892639	0.76	cps
Bismuth	209-2	6309324	6469098	6312945	6363789	1.43	cps
Bromine	81-1	6565	6441	6378	6461	1.47	cps
Bromine	81-2	43	43	27	38	25.46	cps
Cadmium	108-1	49404	50310	51167	50293	1.75	cps
Cadmium	106-1	72339	74848	74282	73823	1.78	cps
Cadmium	111-1	721062	726859	739452	729124	1.29	cps
Calcium	43-1	3274744	3305813	3310135	3296898	0.59	cps
Calcium	44-1	51955806	52675646	53321631	52651028	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	853585	845006	849258	849283	0.51	cps
Cobalt	59-2	1278758	1270919	1271687	1273788	0.34	cps
Copper	63-2	8900806	8858658	8822381	8860615	0.44	cps
Dysprosium	156-1	307	317	437	353	20.48	cps
Dysprosium	156-2	383	380	393	386	1.80	cps
Erbium	164-1	343	260	300	301	13.84	cps
Erbium	164-2	180	170	163	171	4.90	cps
Gadolinium	160-1	260	293	240	264	10.19	cps
Gadolinium	160-2	593	627	540	587	7.45	cps
Holmium	165-1	13061548	13001786	13175316	13079550	0.67	cps
Holmium	165-2	8821441	9122884	8938355	8960893	1.70	cps
Indium	115-1	8979216	9020950	9140534	9046900	0.93	cps
Indium	115-2	2815321	2871033	2794449	2826934	1.40	cps
Iron	56-2	190193217	188031424	188527311	188917317	0.60	cps
Iron	57-2	4709071	4626636	4677606	4671104	0.89	cps
Iron	54-2	10362852	10093491	10182730	10213024	1.34	cps
Krypton	83-1	90	123	120	111	16.52	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P7
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:06:10	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11938251	12119025	12242019	12099765	1.26	cps
Lead	207-1	10740378	10872791	10805189	10806119	0.61	cps
Lead	208-1	48264061	49047521	49093158	48801580	0.96	cps
Lithium	6-1	1779735	1799909	1818926	1799523	1.09	cps
Magnesium	24-2	37616210	37270314	37757010	37547845	0.67	cps
Manganese	55-2	6508790	6443833	6483331	6478651	0.51	cps
Molybdenum	94-1	9603328	9725056	9804668	9711017	1.04	cps
Molybdenum	95-1	14003354	14246171	14293243	14180923	1.10	cps
Molybdenum	96-1	15306389	15490844	15622238	15473157	1.03	cps
Molybdenum	97-1	8790727	8950136	9010828	8917230	1.27	cps
Molybdenum	98-1	22917657	23298432	23500899	23238996	1.27	cps
Neodymium	150-1	480	630	567	559	13.47	cps
Neodymium	150-2	230	233	167	210	17.89	cps
Nickel	60-2	313935	311098	312985	312673	0.46	cps
Phosphorus	31-2	46363	45417	45257	45679	1.31	cps
Potassium	39-2	23639846	23438564	23637268	23571893	0.49	cps
Rhodium	103-1	7604319	7696886	7677534	7659580	0.64	cps
Rhodium	103-2	4196887	4292367	4185079	4224778	1.39	cps
Scandium	45-1	4420240	4452023	4507365	4459876	0.99	cps
Scandium	45-2	350980	357895	350122	352999	1.21	cps
Selenium	82-1	37205	37611	38546	37788	1.82	cps
Selenium	77-2	3154	3267	3087	3169	2.87	cps
Selenium	78-2	10971	10691	11118	10926	1.99	cps
Silicon	28-1	5198253	5270913	5358717	5275961	1.52	cps
Silver	107-1	3152665	3256840	3224780	3211428	1.66	cps
Silver	109-1	3045892	3130327	3120367	3098862	1.49	cps
Sodium	23-2	63317284	63002547	63396861	63238897	0.33	cps
Strontium	86-1	21449303	21959230	22261967	21890167	1.88	cps
Strontium	88-1	189625271	192678644	194612257	192305390	1.31	cps
Sulfur	34-1	282730	285067	287953	285250	0.92	cps
Terbium	159-1	13325041	13486224	13346053	13385773	0.65	cps
Terbium	159-2	8635223	8792274	8652010	8693169	0.99	cps
Thallium	203-1	3058711	3057857	3144460	3087010	1.61	cps
Thallium	205-1	7209945	7279013	7448077	7312345	1.68	cps
Tin	118-1	2408311	2443681	2432325	2428106	0.74	cps
Titanium	47-1	3085946	3106235	3134103	3108761	0.78	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCV045	Instrumnet Name :	P7
Client Sample ID :	CCV045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:06:10	DataFile Name :	098CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10190109	10342472	10657888	10396823	2.29	cps
Vanadium	51-2	766078	765481	767472	766344	0.13	cps
Yttrium	89-1	9694506	9668374	9651322	9671401	0.22	cps
Yttrium	89-2	2126345	2206516	2170816	2167892	1.85	cps
Zinc	66-2	1531007	1516490	1525140	1524212	0.48	cps
Zirconium	90-1	4620348	4605498	4618757	4614868	0.18	cps
Zirconium	91-1	1026116	1041544	1051535	1039731	1.23	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P7
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:08:57	DataFile Name :	099CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	240	210	207	16.99	cps
Antimony	121-1	2570	2364	2567	2500	4.74	cps
Arsenic	75-2	10	0	13	8	89.21	cps
Barium	135-1	163	120	157	147	15.91	cps
Barium	137-1	330	230	283	281	17.80	cps
Beryllium	9-1	110	93	130	111	16.52	cps
Bismuth	209-1	8965560	8857525	8754568	8859217	1.19	cps
Bismuth	209-2	7026173	7033686	7028108	7029322	0.06	cps
Bromine	81-1	6505	6732	6672	6636	1.77	cps
Bromine	81-2	30	50	33	38	28.37	cps
Cadmium	108-1	17	10	10	12	31.50	cps
Cadmium	106-1	2690	2824	2610	2708	3.98	cps
Cadmium	111-1	362	340	322	341	5.92	cps
Calcium	43-1	187	137	163	162	15.42	cps
Calcium	44-1	3227	2924	3064	3071	4.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	343	327	340	337	2.62	cps
Cobalt	59-2	107	140	137	128	14.37	cps
Copper	63-2	760	797	867	808	6.71	cps
Dysprosium	156-1	40	47	40	42	9.12	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	80	117	80	92	22.96	cps
Erbium	164-2	87	83	80	83	4.00	cps
Gadolinium	160-1	53	57	47	52	9.75	cps
Gadolinium	160-2	477	413	503	464	9.95	cps
Holmium	165-1	13564468	13566718	13487911	13539699	0.33	cps
Holmium	165-2	9044078	9042439	9150945	9079154	0.68	cps
Indium	115-1	10026752	10056115	9962656	10015174	0.48	cps
Indium	115-2	3069332	3067000	3110045	3082126	0.79	cps
Iron	56-2	13960	14811	15588	14786	5.51	cps
Iron	57-2	647	657	720	674	5.90	cps
Iron	54-2	1317	1293	1330	1313	1.41	cps
Krypton	83-1	57	103	80	80	29.16	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P7
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:08:57	DataFile Name :	099CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1280	1153	1067	1167	9.20	cps
Lead	207-1	1113	1067	1043	1074	3.32	cps
Lead	208-1	5084	4890	4550	4841	5.58	cps
Lithium	6-1	1920463	1944998	1933781	1933081	0.64	cps
Magnesium	24-2	1547	1643	1563	1585	3.26	cps
Manganese	55-2	513	563	570	549	5.64	cps
Molybdenum	94-1	1113	1043	1067	1074	3.32	cps
Molybdenum	95-1	843	610	690	714	16.60	cps
Molybdenum	96-1	1073	943	973	997	6.83	cps
Molybdenum	97-1	497	447	540	494	9.45	cps
Molybdenum	98-1	1237	1170	1230	1212	3.03	cps
Neodymium	150-1	7	10	10	9	21.63	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	67	83	47	66	28.00	cps
Phosphorus	31-2	70	53	87	70	23.81	cps
Potassium	39-2	24887	24249	24770	24636	1.38	cps
Rhodium	103-1	8763885	8841189	8762095	8789056	0.51	cps
Rhodium	103-2	4758993	4748589	4803330	4770304	0.61	cps
Scandium	45-1	4646286	4665246	4788738	4700090	1.65	cps
Scandium	45-2	363756	363094	366759	364536	0.54	cps
Selenium	82-1	379	442	450	424	9.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	117	123	120	2.78	cps
Silicon	28-1	107153	107199	107943	107432	0.41	cps
Silver	107-1	463	367	370	400	13.72	cps
Silver	109-1	427	330	293	350	19.68	cps
Sodium	23-2	11748	10971	11685	11468	3.76	cps
Strontium	86-1	603	477	590	557	12.50	cps
Strontium	88-1	4461	3644	3734	3946	11.35	cps
Sulfur	34-1	101957	103175	103477	102870	0.78	cps
Terbium	159-1	14016054	13919465	13947518	13961012	0.36	cps
Terbium	159-2	8837864	8857186	8906194	8867081	0.40	cps
Thallium	203-1	517	527	420	488	12.08	cps
Thallium	205-1	1303	1120	1083	1169	10.08	cps
Tin	118-1	1150	1247	1190	1196	4.06	cps
Titanium	47-1	170	180	240	197	19.25	cps

Reviewed By:Mohan
On:10/10/2024 7:41:11 AM
Inst Id :P7

LB Number :	LB132787	Operator :	Jaswal
Lab Sample ID :	CCB045	Instrumnet Name :	P7
Client Sample ID :	CCB045	Dilution Factor :	1
Date & Time Acquired :	2024-10-04 17:08:57	DataFile Name :	099CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	270	167	210	216	24.07	cps
Vanadium	51-2	27	20	37	28	30.20	cps
Yttrium	89-1	10086113	10077440	10083863	10082472	0.04	cps
Yttrium	89-2	2261609	2236651	2298484	2265581	1.37	cps
Zinc	66-2	213	237	410	287	37.48	cps
Zirconium	90-1	1847	1727	1727	1767	3.92	cps
Zirconium	91-1	380	370	303	351	11.87	cps

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Prep Standard - Chemical Standard Summary

Order ID : P2810

Test : Metals CLP MS FULL

Prepbatch ID : PB163705,

Sequence ID/Qc Batch ID: LB132787,

Standard ID :
MP81119,MP82127,MP82170,MP82568,MP82569,MP82570,MP82571,MP82572,MP82573,MP82574,MP82575,MP82576,MP82577,MP82578,MP82579,MP82580,MP82581,MP82585,MP82586,MP82587,

Chemical ID :
M4888,M5192,M5227,M5288,M5289,M5295,M5304,M5390,M5473,M5476,M5498,M5513,M5515,M5519,M5565,M5634,M5657,M5658,M5697,M5698,M5739,M5768,M5769,M5798,M5799,M5800,M5801,M5802,M5806,M5815,M5816,M5817,M5818,M5819,M5820,M5873,M5874,M5935,M5961,M5962,M5965,M5976,M5978,M5981,M5982,M5983,M6021,M6023,M6025,M6028,M6030,M6033,M6037,M6039,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
3964	CONC.LCSS SPIKE	MP82170	09/04/2024	09/27/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/04/2024

FROM 0.25000ml of M5473 + 0.25000ml of M5698 + 0.25000ml of M5798 + 0.25000ml of M5800 + 0.25000ml of M5801 + 0.25000ml of M5961 + 0.25000ml of M5981 + 0.25000ml of M5983 + 0.25000ml of M6023 + 0.25000ml of M6025 + 0.25000ml of M6028 + 0.25000ml of M6030 + 0.50000ml of M5289 + 0.50000ml of M5658 + 0.50000ml of M5697 + 0.50000ml of M5802 + 1.25000ml of M4888 + 1.25000ml of M5192 + 1.25000ml of M5227 + 1.25000ml of M5799 + 1.25000ml of M5819 + 1.25000ml of M5962 + 12.50000ml of M5498 + 12.50000ml of M5519 + 12.50000ml of M5806 + 170.00000ml of W3112 + 2.50000ml of M5390 + 2.50000ml of M5818 + 2.50000ml of M6039 + 5.00000ml of M5515 + 5.00000ml of M6037 + 6.25000ml of M5816 + 6.25000ml of M5820 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1122	ICPMS CALIB BLANK(S0/ICB/CCB)	MP82568	09/28/2024	10/22/2024	Sarabjit Jaswal	None	None	Mohan Bera 09/30/2024

FROM 25.00000ml of M6040 + 4925.00000ml of W3112 + 50.00000ml of M6037 = Final Quantity: 5000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2902	S8 ICPMS	MP82569	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M6033 + 2.50000ml of M5288 + 2.50000ml of M5515 + 5.00000ml of M5498 + 5.00000ml of M5768 + 5.00000ml of M5806 + 79.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3947	S7(SFAM,6020,200.8)	MP82570	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 1.00000ml of M5818 + 1.00000ml of M5981 + 1.00000ml of M5983 + 1.90000ml of M6033 + 10.00000ml of M5976 + 10.00000ml of M5978 + 10.00000ml of M6037 + 2.00000ml of M5815 + 2.00000ml of M5817 + 2.50000ml of M5476 + 4.00000ml of M5390 + 4.00000ml of M6025 + 4.90000ml of M5515 + 4.90000ml of M5519 + 5.00000ml of M6040 + 50.00000ml of M5304 + 829.10000ml of W3112 + 9.00000ml of M5697 + 9.00000ml of M5698 + 9.00000ml of M5819 + 9.90000ml of M5498 + 9.90000ml of M5768 + 9.90000ml of M5806 = Final Quantity: 1000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3948	S6(SFAM,6020,200.8)	MP82571	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 48.50000ml of W3112 + 50.00000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3949	S5(SFAM,6020,200.8)	MP82572	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 73.50000ml of W3112 + 25.00000ml of MP82570 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3954	S4(SFAM,6020,200.8)	MP82573	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 86.00000ml of W3112 + 12.50000ml of MP82570 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3951	S3(SFAM, 6020,200.8)	MP82574	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82571 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3955	S2CONC(SFAM,6020,200.8)	MP82575	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.05000ml of M5698 + 0.05000ml of M5798 + 0.05000ml of M5800 + 0.05000ml of M5801 + 0.05000ml of M5961 + 0.05000ml of M5981 + 0.05000ml of M5982 + 0.05000ml of M5983 + 0.05000ml of M6023 + 0.05000ml of M6025 + 0.05000ml of M6028 + 0.05000ml of M6030 + 0.10000ml of M5658 + 0.10000ml of M5697 + 0.10000ml of M5802 + 0.10000ml of M6033 + 0.25000ml of M5515 + 0.25000ml of M5799 + 0.25000ml of M5819 + 0.25000ml of M5962 + 0.25000ml of M5976 + 0.25000ml of M5978 + 0.25000ml of M6021 + 0.50000ml of M5390 + 0.50000ml of M5818 + 1.25000ml of M5815 + 1.25000ml of M5817 + 2.50000ml of M5498 + 2.50000ml of M5519 + 2.50000ml of M5769 + 2.50000ml of M5806 + 2.50000ml of M6040 + 226.25000ml of W3112 + 5.00000ml of M6037 = Final Quantity: 250.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3956	S2(SFAM,6020,200.8)	MP82576	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_2 (ICP B)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 98.00000ml of W3112 + 0.50000ml of MP82575 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3957	S1(SFAM,6020,200.8)	MP82577	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.50000ml of M6040 + 1.00000ml of M6037 + 88.50000ml of W3112 + 10.00000ml of MP82576 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3958	ICV(SFAM)	MP82578	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M5295 + 98.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3961	CCV	MP82579	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.20000ml of M5513 + 0.50000ml of M5799 + 0.50000ml of M5818 + 0.50000ml of M5981 + 0.50000ml of M5983 + 1.00000ml of M5815 + 1.00000ml of M5817 + 1.25000ml of M5473 + 10.00000ml of M6037 + 12.45000ml of M5515 + 12.45000ml of M5519 + 2.00000ml of M5390 + 24.95000ml of M5498 + 24.95000ml of M5769 + 24.95000ml of M5806 + 25.00000ml of M5304 + 4.50000ml of M5697 + 4.50000ml of M5698 + 4.50000ml of M5819 + 4.95000ml of M6033 + 5.00000ml of M5976 + 5.00000ml of M5978 + 5.00000ml of M6040 + 824.35000ml of W3112 = Final Quantity: 1000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1142	ICSA ICPMS	MP82580	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 90.00000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1143	ICSAB ICPMS	MP82581	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 10.00000ml of M5873 + 10.00000ml of M5874 + 80.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3962	MG 10PPM FOR TUNE	MP82585	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 0.01000ml of M5768 + 9.99000ml of MP82568 = Final Quantity: 100.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3894	TUNE 200PPB	MP82586	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 2.00000ml of M6055 + 2.00000ml of MP82585 + 96.00000ml of MP82568 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3903	ISS 3PPM	MP82587	09/28/2024	10/22/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 09/30/2024

FROM 5.00000ml of M6037 + 75.00000ml of M5739 + 170.00000ml of MP82568 = Final Quantity: 250.000 ml

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57022 / Ti, 1000 PPM, 125 ml	070721	09/27/2024	08/06/2021 / jaswal	08/05/2021 / jaswal	M4888

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57042 / Mo, 1000 PPM, 125 ml	051722	05/17/2025	07/01/2022 / bin	06/17/2022 / jaswal	M5192

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	100121	10/01/2024	07/01/2022 / bin	10/18/2021 / bin	M5227

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58119 / K, 10000 PPM, 500 ml	071122	07/11/2025	09/01/2022 / jaswal	07/21/2022 / jaswal	M5288

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Aluminum (Al) 10,000PPM	070622	07/06/2025	09/02/2022 / jaswal	07/12/2022 / jaswal	M5289

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	ICV-1 / ICV (ICP/ICPMS) STOCK SOLN	ICV-1014	02/05/2025	08/07/2024 / jaswal	02/20/2020 / bin	M5295

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020CAL-1 / Calibration Standard Method 6020	S2-MEB711244	10/20/2026	08/07/2024 / jaswal	04/01/2022 / jaswal	M5304

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57056 / Ba, 1000 PPM, 125 ml	072122	07/21/2025	08/07/2024 / jaswal	09/18/2022 / bin	M5390

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/29/2025	03/16/2023 / jaswal	03/16/2023 / jaswal	M5473

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57138 / Sr, 10000 PPM, 125 ml	082922	08/09/2025	07/29/2024 /jaswal	03/16/2023 / jaswal	M5476

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	092122	09/21/2025	08/01/2024 / Jaswal	03/17/2023 / bin	M5515

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57119 / Potassium (K) 10,000PPM	120822	12/08/2025	01/08/2024 / bin	03/17/2023 / bin	M5519

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-1 / SOIL/WATER SPIKE SOLN 1, 125mL	T2-MEB721963	07/27/2027	05/30/2023 / jaswal	05/26/2023 / jaswal	M5565

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	02/03/2025	04/18/2024 /jaswal	08/03/2022 / Al-Terek	M5634

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-SPK-4 / SOIL/WATER SPIKE SOLN 4, 125mL	T2-MEB721144	07/07/2027	08/23/2023 / jaswal	08/29/2023 / jaswal	M5657

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

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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.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	6020ISS / 6020ISS, 10 ug/ml, Bi, Ho, In, 6Li, Rh, Sc, TB, Y	T2-MEB709511	09/03/2026	08/07/2024 / jaswal	04/11/2022 / jaswal	M5739

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	01/08/2024 / bin	01/03/2024 / bin	M5768

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	05/31/2024 / bin	02/09/2024 / bin	M5800

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57033 / As, 1000 PPM, 125 ml	111323	11/13/2026	02/09/2024 / bin	02/09/2024 / bin	M5801

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57051 / Sb, 1000 PPM, 125 ml	120523	12/05/2026	08/07/2024 / jaswal	01/03/2024 / jaswal	M5802

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58111 / Na, 10000 PPM, 500 ml	122223	12/22/2026	08/01/2024 / Jaswal	01/03/2024 / jaswal	M5806

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57115 / P, 10000 PPM, 125 ml	041723	04/17/2026	05/21/2024 / Jaswal	02/09/2024 / jaswal	M5815

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57016 / S, 1000 PPM, 125 ml	122923	12/29/2026	05/20/2024 / Jaswal	02/09/2024 / jaswal	M5816

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57116 / S, 10000 PPM, 125 ml	071123	07/11/2026	03/01/2024 / jaswal	02/09/2024 / jaswal	M5817

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57014 / Si, 1000 PPM, 125 ml	122023	12/20/2026	03/06/2024 / jaswal	02/09/2024 / jaswal	M5818

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58030 / Zinc, Zn, 500 ml, 1000 PPM	111623	11/16/2026	03/20/2024 / jaswal	02/09/2024 / jaswal	M5819

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57015 / P, 1000 PPM, 125 ml	091123	09/11/2026	05/01/2024 / jaswal	02/09/2024 / jaswal	M5820

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICPMS) STOCK SOLN	CP-MS ICSA-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5873

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSB (ICPMS) STOCK SOLUTION	CP-MS ICSB-0803	04/30/2025	04/17/2024 / jaswal	07/14/2022 / jaswal	M5874

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/08/2024	06/21/2024 / Al-Terek	06/07/2024 / Al-Terek	M5935

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57028 / Ni, 1000 PPM, 125 ml	041124	04/11/2027	07/02/2024 / Jaswal	06/11/2024 / Jaswal	M5961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57034 / Se, 1000 PPM, 125 ml	060624	06/06/2027	07/02/2024 / Jaswal	06/14/2024 / Jaswal	M5962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24B1362001	01/04/2025	07/05/2024 / Jaswal	07/03/2024 / Al-Terek	M5965

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGMO1-1 / MOLYBDENUM 125mL 1000ug/mL	T2-MO720876	07/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5976

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGTI1-1 / TITANIUM 125mL 1000ug/mL	T2-TI719972	06/17/2027	08/07/2024 / jaswal	02/22/2024 / Jaswal	M5978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57092 / U, 1000 PPM, 125 ml	060724	06/07/2027	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5981

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57038 / Sr, 1000 PPM, 125 ml	031524	03/15/2027	07/01/2024 / Jaswal	06/11/2024 / Jaswal	M5982

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57040 / Zr, 1000 PPM, 125 ml	071423	07/14/2026	07/29/2024 / Jaswal	06/11/2024 / Jaswal	M5983

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57023 / V, 1000 PPM, 125 ml	062424	06/24/2027	09/28/2024 / jaswal	08/05/2024 / Jaswal	M6021

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57081 / Tl, 1000 PPM, 125 ml	0624724	06/27/2027	08/05/2024 / kareem	08/05/2024 / Jaswal	M6023

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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.	57082 / Pb, 1000 PPM, 125 ml	061224	06/12/2027	08/05/2024 / Jaswal	08/05/2024 / Jaswal	M6025

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57048 / Cd, 1000 PPM, 125 ml	070124	07/01/2027	08/05/2024 / kareem	01/25/2019 / Jaswal	M6028

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57047 / Ag, 1000 PPM, 125 ml	122823	12/28/2026	08/05/2024 / kareem	08/05/2024 / Jaswal	M6030

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58113 / Al, 10000 PPM, 500 ml	011623	01/16/2026	08/07/2024 / Jaswal	01/03/2024 / Jaswal	M6033

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	02/02/2025	08/24/2024 / Janvi	08/01/2024 / Janvi	M6037

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/01/2025	08/06/2024 / Janvi	08/01/2024 / Janvi	M6039

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9530-33 / Hydrochloric Acid, Instra-Analyzed (cs/6x2.5L)	24D1562005	02/08/2025	08/09/2024 /Janvi	08/01/2024 / Janvi	M6040

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	IV-STOCK-12 / ICP-MS TUNING SOLUTION, 125mL	U2-MEB734294	06/21/2028	08/21/2024 / Jaswal	08/19/2024 / Jaswal	M6055

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	10/24/2024	10/24/2019 / apatel	10/24/2019 / apatel	W2606

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / Iwona	07/03/2024 / Iwona	W3112

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M6028

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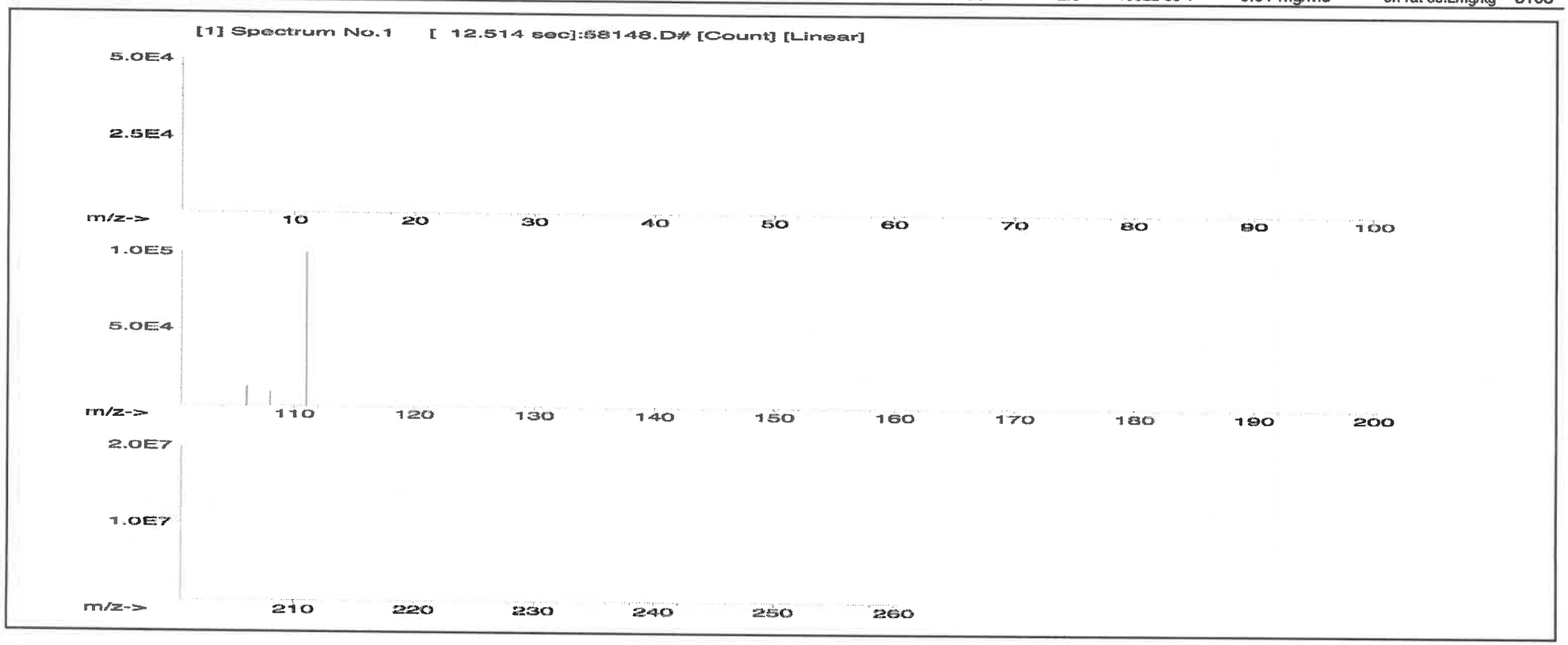
CERTIFIED WEIGHT REPORT:

Part Number:	**57048**		**Lot #**		
Lot Number:	**070124**	**Solvent:**	24002546	Nitric Acid	
Description:	**Cadmium (Cd)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	070127				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	070124
Reviewed By:	Pedro L. Rentas	070124

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cadmium nitrate tetrahydrate (Cd)	IN024	CDM092021A1	1000	99.999	0.10	36.5	5.4797	5.4804	**1000.1**	**2.0**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 110923
Description: Lead (Pb)

Expiration Date: 110926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

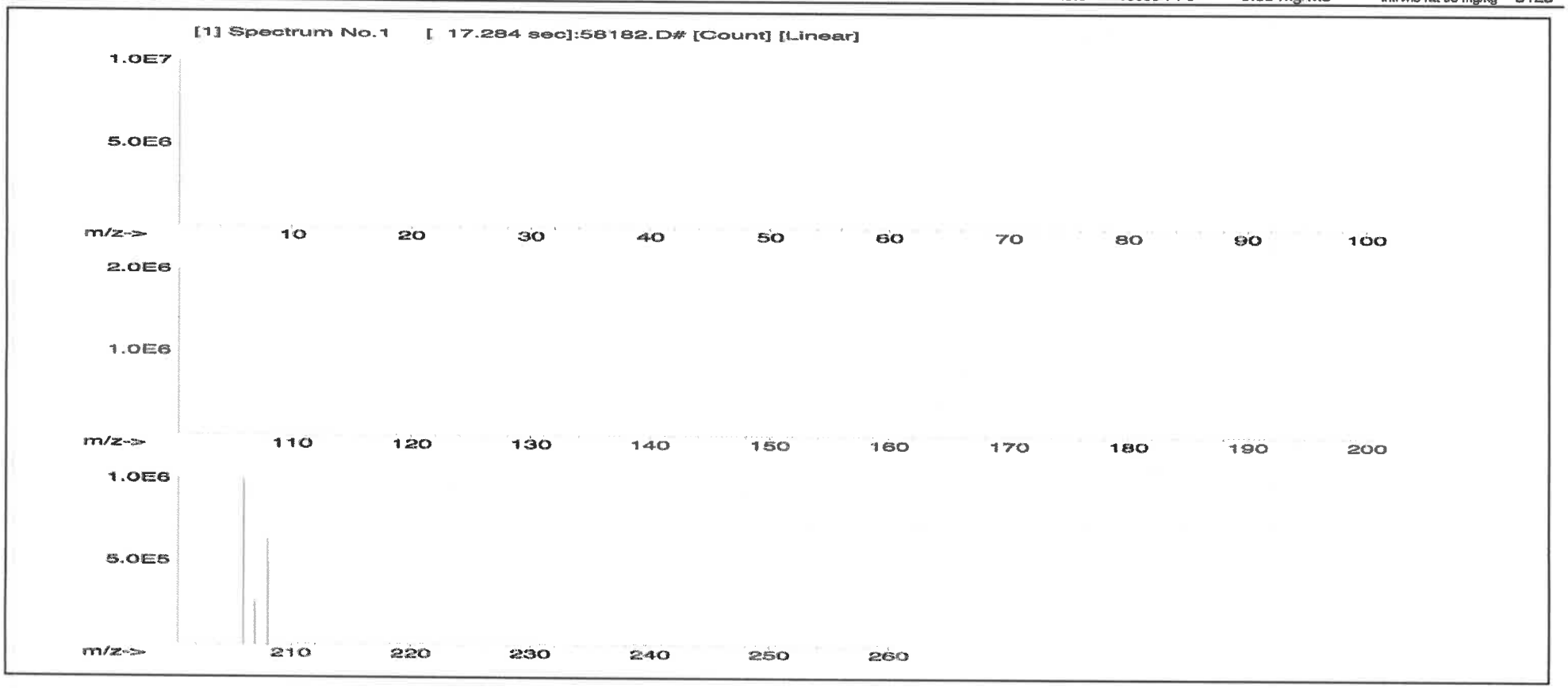
Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546		Nitric Acid
	2%	40.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Lawence Barry	110923
Reviewed By:	Pedro L. Rentas	110923

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0040	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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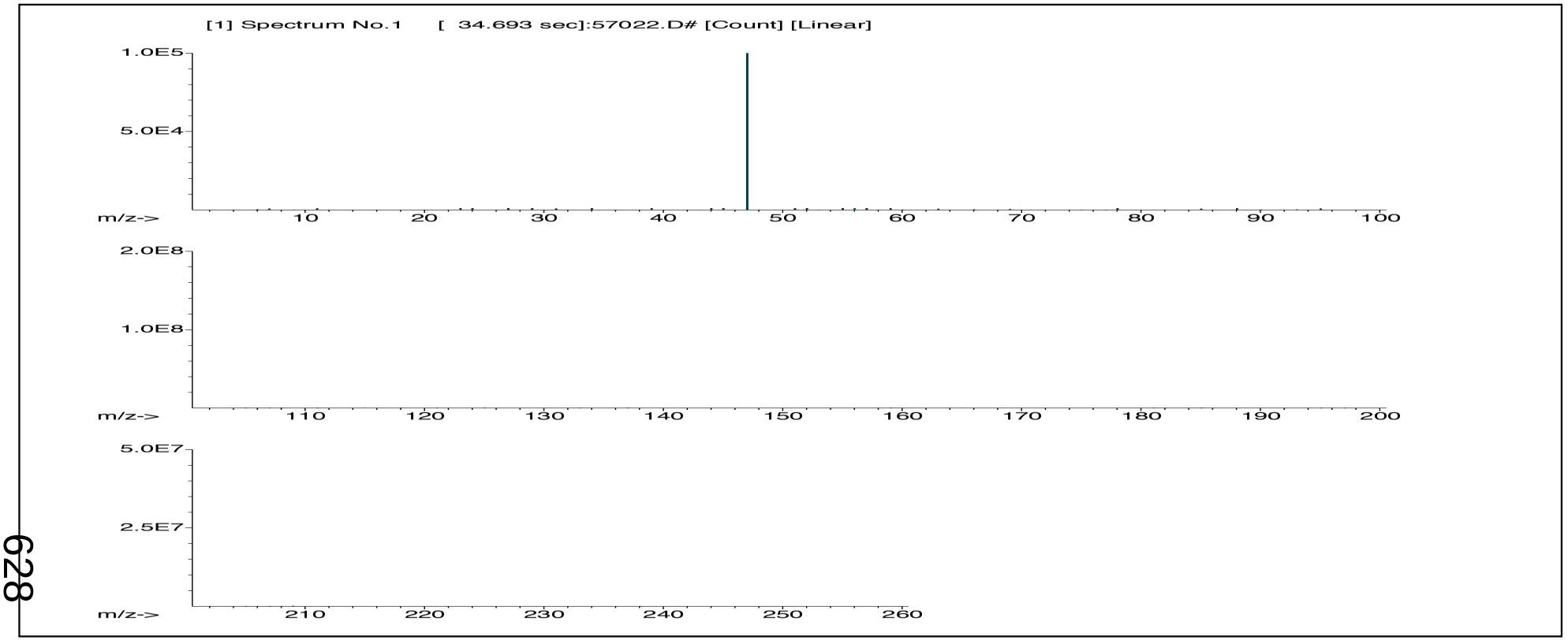
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57022**	20370011	Nitric Acid	
Lot Number:	**070721**			
Description:	**Titanium (Ti)**			
		2.0%	40.0	Nitric Acid
Expiration Date:	070724		(mL)	
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry 070721
Reviewed By:	Pedro L. Rentas 070721

	Part	Lot	Dilution	Initial	Uncertainty	Nominal	Initial	**Final**	Expanded Uncertainty	**SDS Information** (Solvent Safety Info. On Attached pg.)			NIST
Compound	Number	Number	Factor	Vol. (mL)	Pipette	Conc. (µg/mL)	Conc. (µg/mL)	**Conc. (µg/mL)**	+/- (µg/mL)	CAS#	OSHA PEL (TWA)	LD50	SRM
1. Ammonium hexafluorotitanate (Ti)	58122	070120	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	16962-40-6	2.5 (F) mg/m3	NA	3162a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																		
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	T	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* 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).

629

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M5192 R: 06/17/22

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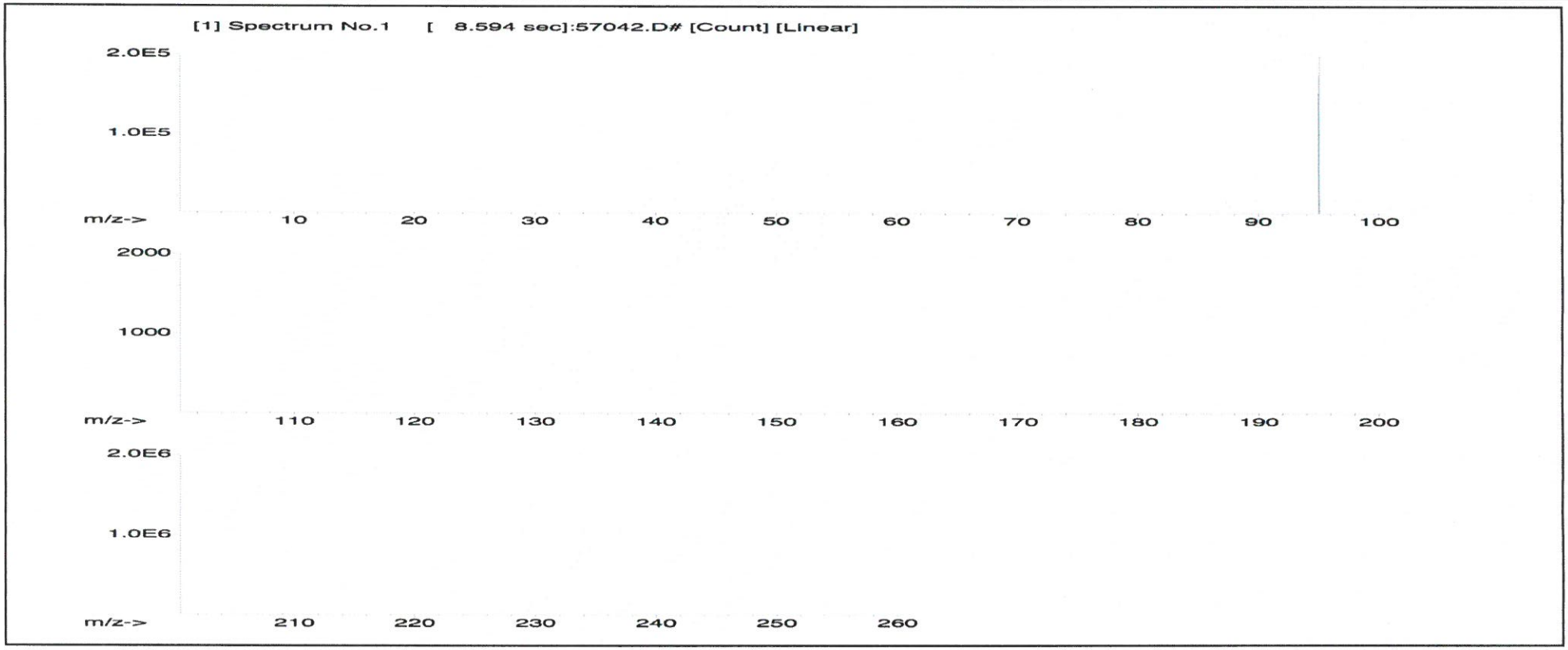
630

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:
Part Number:	**57042**		
Lot Number:	**051722**	MKBQ8597V	Ammonium hydroxide
Description:	**Molybdenum (Mo)**		
		0.5%	15.0 (mL) Ammonium hydroxide
Expiration Date:	051725		
Recommended Storage:	Ambient (20 °C)		
Nominal Concentration (µg/mL):	**1000**		
NIST Test Number:	6UTB	5E-05	Balance Uncertainty
Volume shown below was diluted to (mL):	3000.41	0.058	Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



631

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

M5227 R: 10/18/2021

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57023**	20370011	Nitric Acid	
Lot Number:	**100121**			
Description:	**Vanadium (V)**			
		2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	100124			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	3000.4	0.06	Flask Uncertainty	

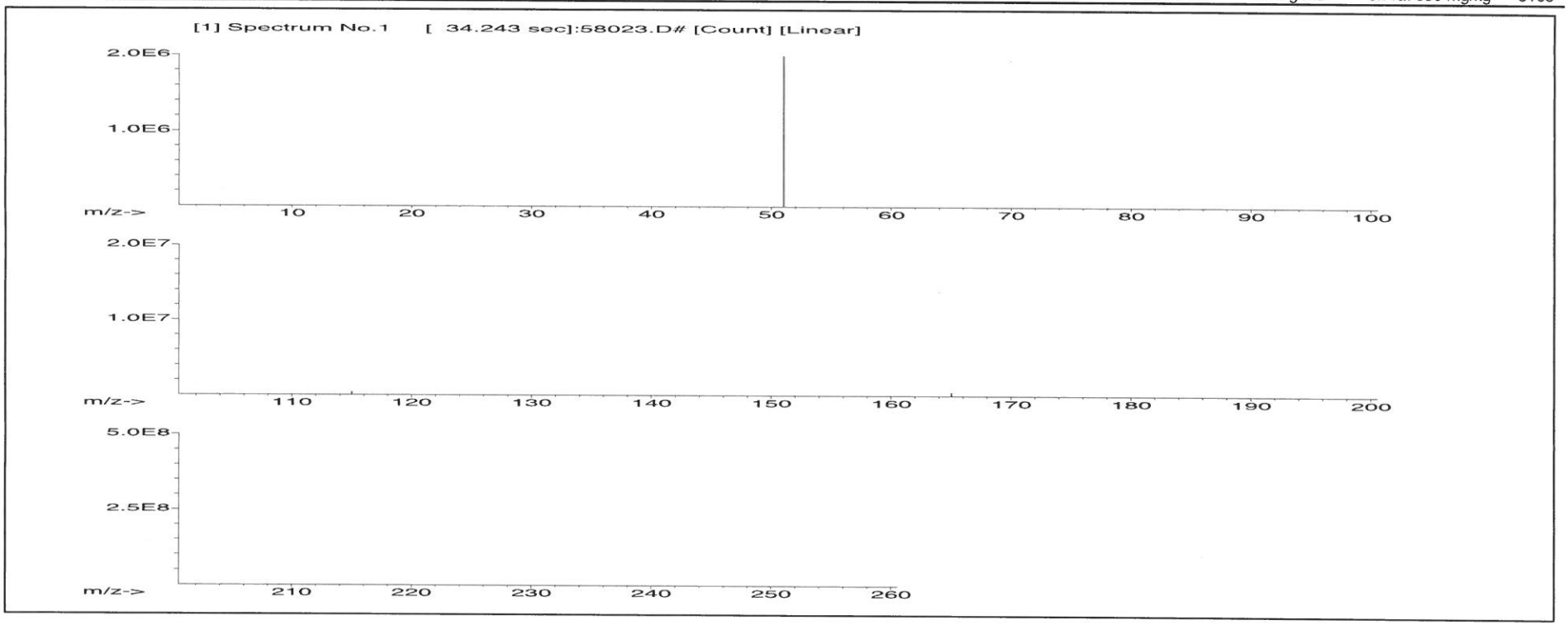
Giovanni Esposito

Formulated By:	Giovanni Esposito	100121

Pedro Rentas

Reviewed By:	Pedro L. Rentas	100121

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	**Final Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium Metavanadate (V)	58123	070721	0.1000	300.0	0.084	1000	10000.4	**1000.0**	**2.1**	7803-55-6	1.0 mg/m3	orl-rat 630 mg/kg	3165



632

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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).

633

V15200 R: 04/24/22 (BP)

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634

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

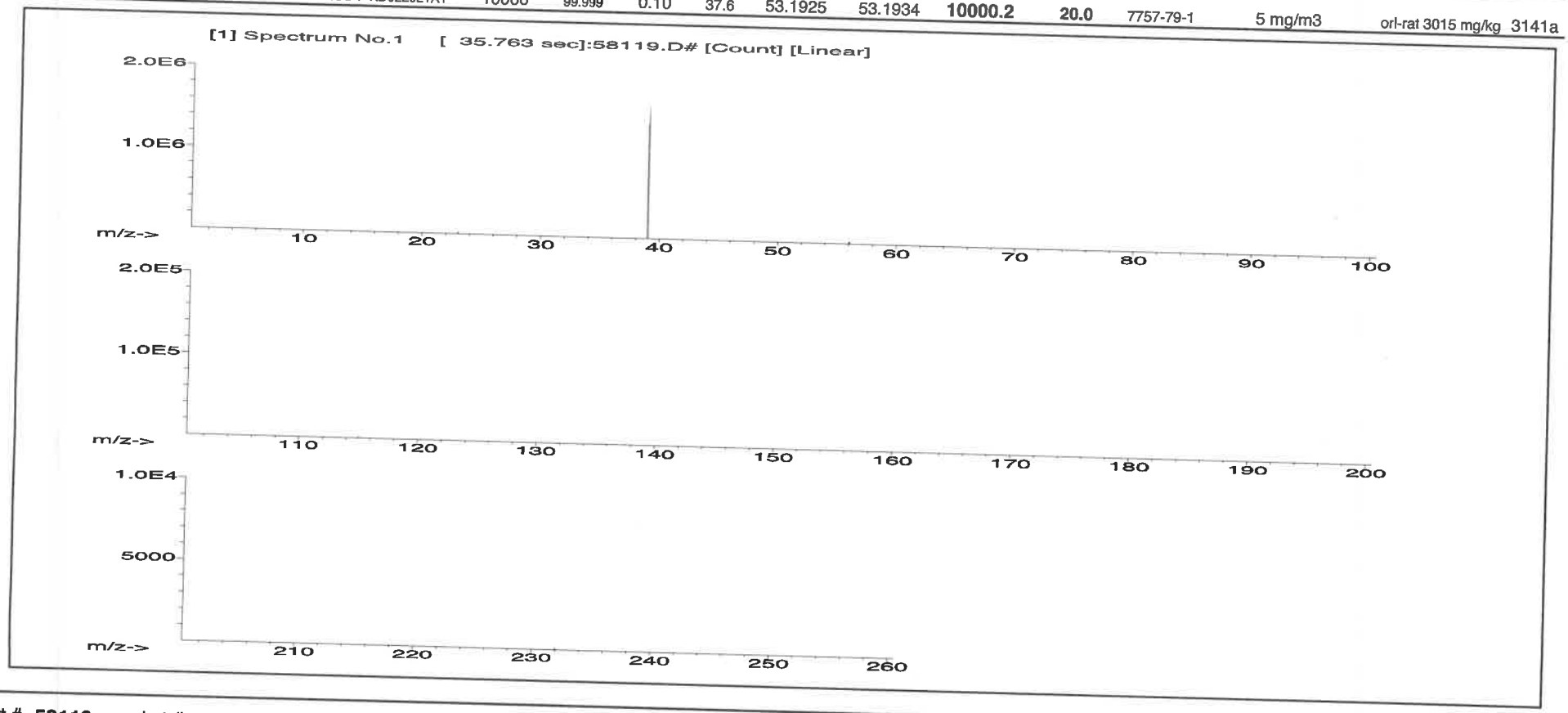
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

		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



635

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* 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:

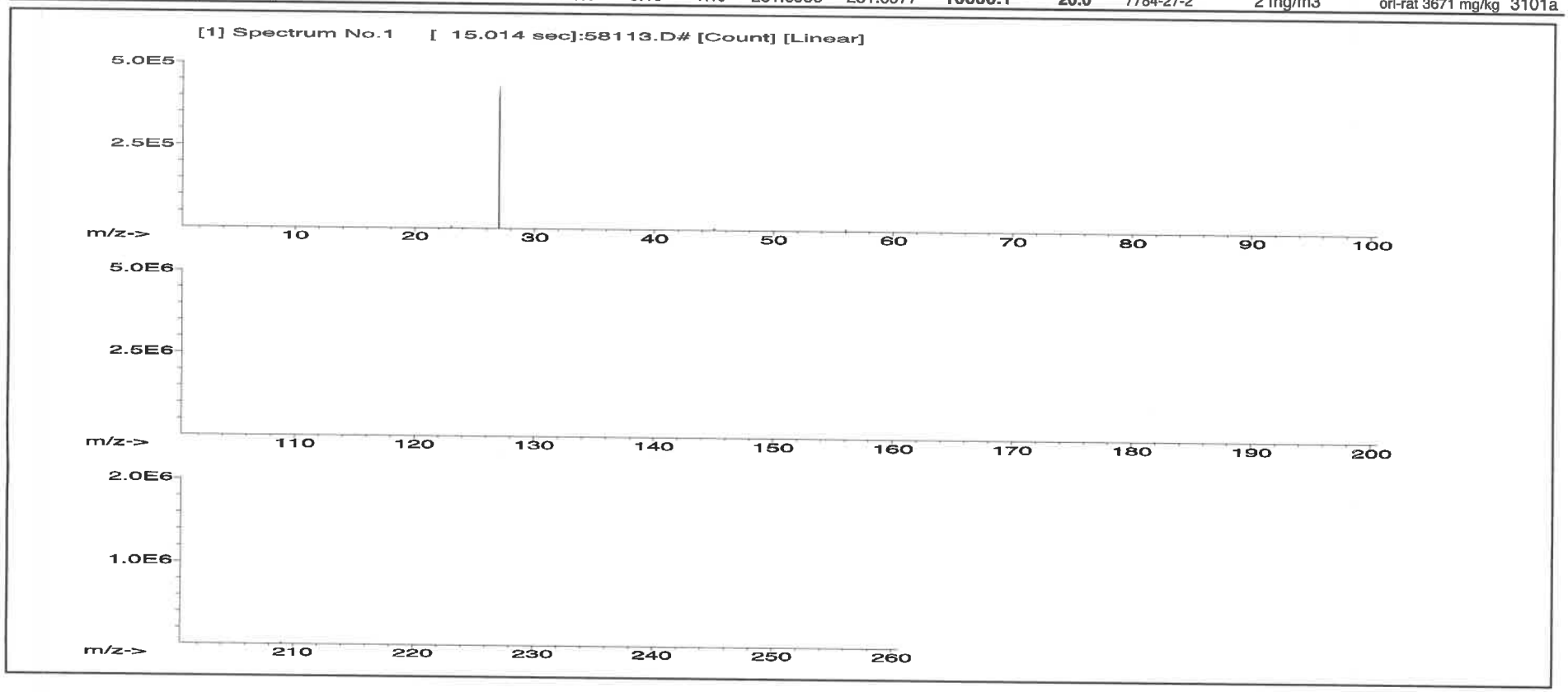
Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

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:

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QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

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inorganicventures.com

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	6020CAL-1
Lot Number:	S2-MEB711244
Matrix:	5% (v/v) HNO3 tr. HF
Value / Analyte(s):	20 µg/mL ea:

Silver,	Aluminum,
Arsenic,	Barium,
Beryllium,	Calcium,
Cadmium,	Cobalt,
Chromium,	Copper,
Iron,	Potassium,
Magnesium,	Manganese,
Sodium,	Nickel,
Lead,	Antimony,
Selenium,	Thallium,
Vanadium,	Zinc

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	**20.01 ± 0.08 µg/mL**	**Antimony, Sb**	**20.01 ± 0.12 µg/mL**
Arsenic, As	**20.01 ± 0.18 µg/mL**	**Barium, Ba**	**20.01 ± 0.11 µg/mL**
Beryllium, Be	**20.01 ± 0.14 µg/mL**	**Cadmium, Cd**	**20.01 ± 0.11 µg/mL**
Calcium, Ca	**20.01 ± 0.10 µg/mL**	**Chromium, Cr**	**20.01 ± 0.16 µg/mL**
Cobalt, Co	**20.01 ± 0.11 µg/mL**	**Copper, Cu**	**20.01 ± 0.10 µg/mL**
Iron, Fe	**20.01 ± 0.09 µg/mL**	**Lead, Pb**	**20.01 ± 0.11 µg/mL**
Magnesium, Mg	**19.99 ± 0.10 µg/mL**	**Manganese, Mn**	**20.01 ± 0.10 µg/mL**
Nickel, Ni	**20.01 ± 0.11 µg/mL**	**Potassium, K**	**20.01 ± 0.10 µg/mL**
Selenium, Se	**20.02 ± 0.14 µg/mL**	**Silver, Ag**	**20.02 ± 0.09 µg/mL**
Sodium, Na	**20.01 ± 0.10 µg/mL**	**Thallium, Tl**	**20.01 ± 0.13 µg/mL**
Vanadium, V	**20.01 ± 0.11 µg/mL**	**Zinc, Zn**	**20.01 ± 0.11 µg/mL**

Density: 1.026 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
As	ICP Assay	3103a	100818
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Fe	Calculated		See Sec. 4.2
K	ICP Assay	3141a	140813
K	Gravimetric		See Sec. 4.2
Mg	ICP Assay	3131a	140110
Mg	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Na	ICP Assay	3152a	120715
Na	Gravimetric		See Sec. 4.2
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2
V	ICP Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

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



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R: 09/08/22 (BH)

Certified Reference Material CRM

M5387 . M5389 . M5390 . M5391 . M5392

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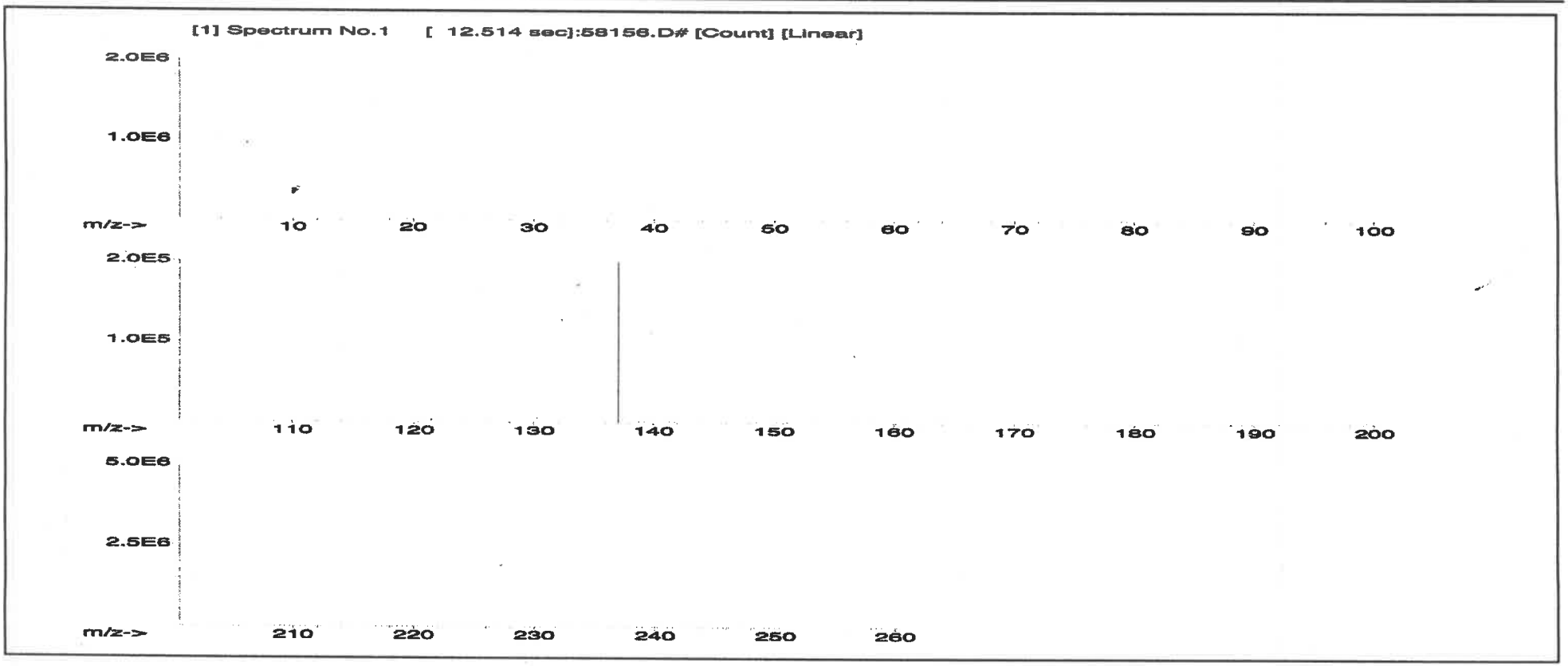
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5497 - M5498 R: 03/17/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

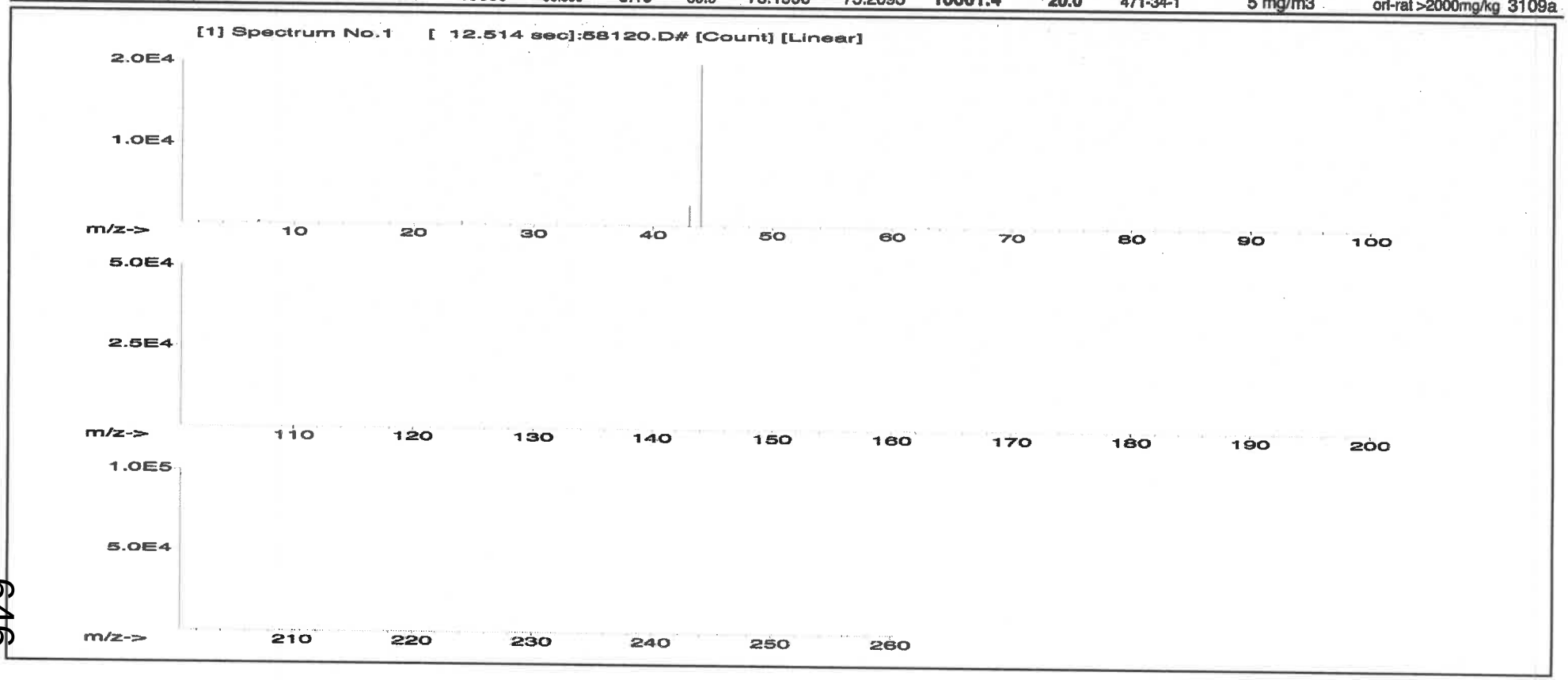
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	Lot #		
Solvent:	21110221	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	

Giovanni Esposito
Formulated By: Giovanni Esposito 031523

Pedro Rentas
Reviewed By: Pedro L. Rentas 031523

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Calcium carbonate (Ca)	IN014	CAD072022A1	10000	99.999	0.10	39.9	75.1990	75.2093	**10001.4**	**20.0**	471-34-1	5 mg/m3	orl-rat >2000mg/kg	3109a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

MS513 R:03/17/23

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 57182
Lot Number: 061522
Description: Lead (Pb)

Expiration Date: 061525
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

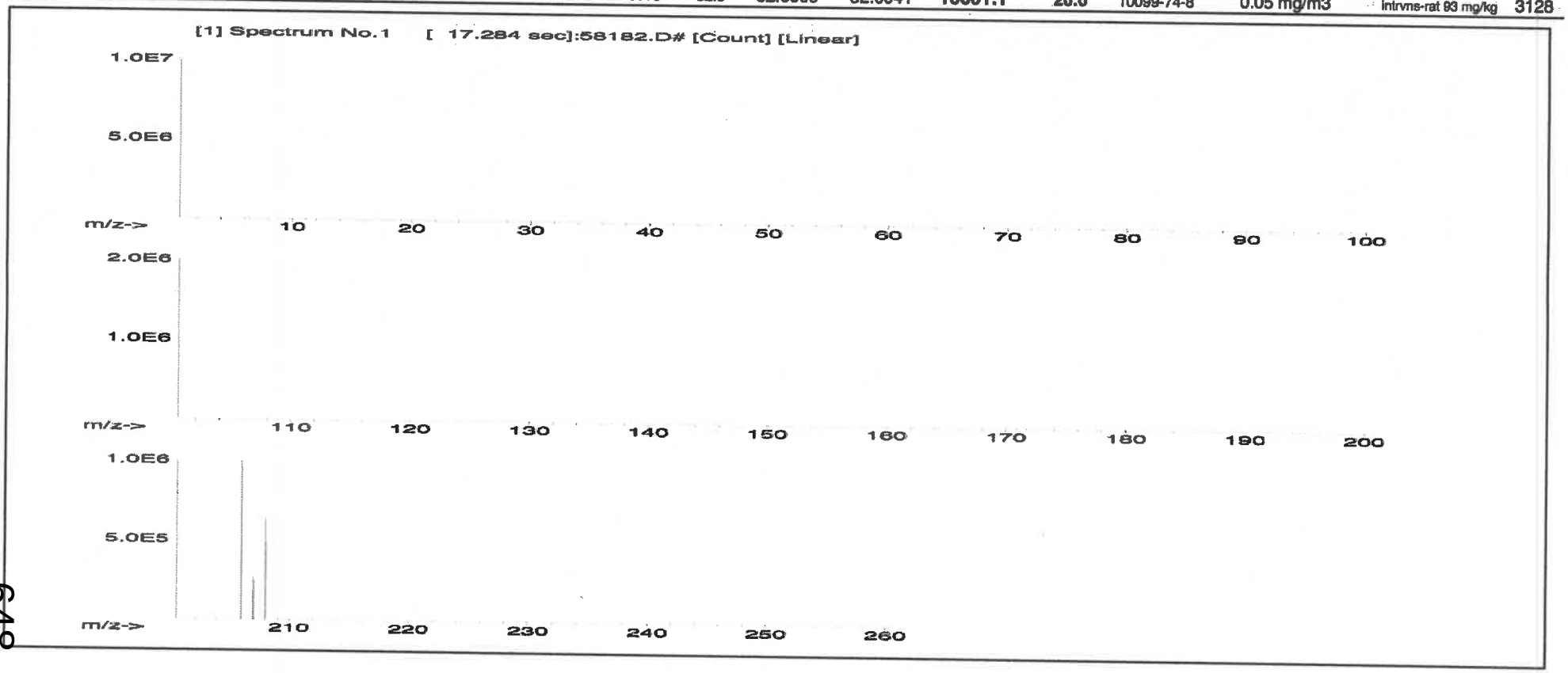
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	061522
Reviewed By:	Pedro L. Rentas	061522

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Lead(II) nitrate (Pb)	IN029	PBD122016A1	10000	99.999	0.10	62.5	32.0006	32.0041	**10001.1**	**20.0**	10099-74-8	0.05 mg/m3	Intrvns-rat 93 mg/kg	3128



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

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

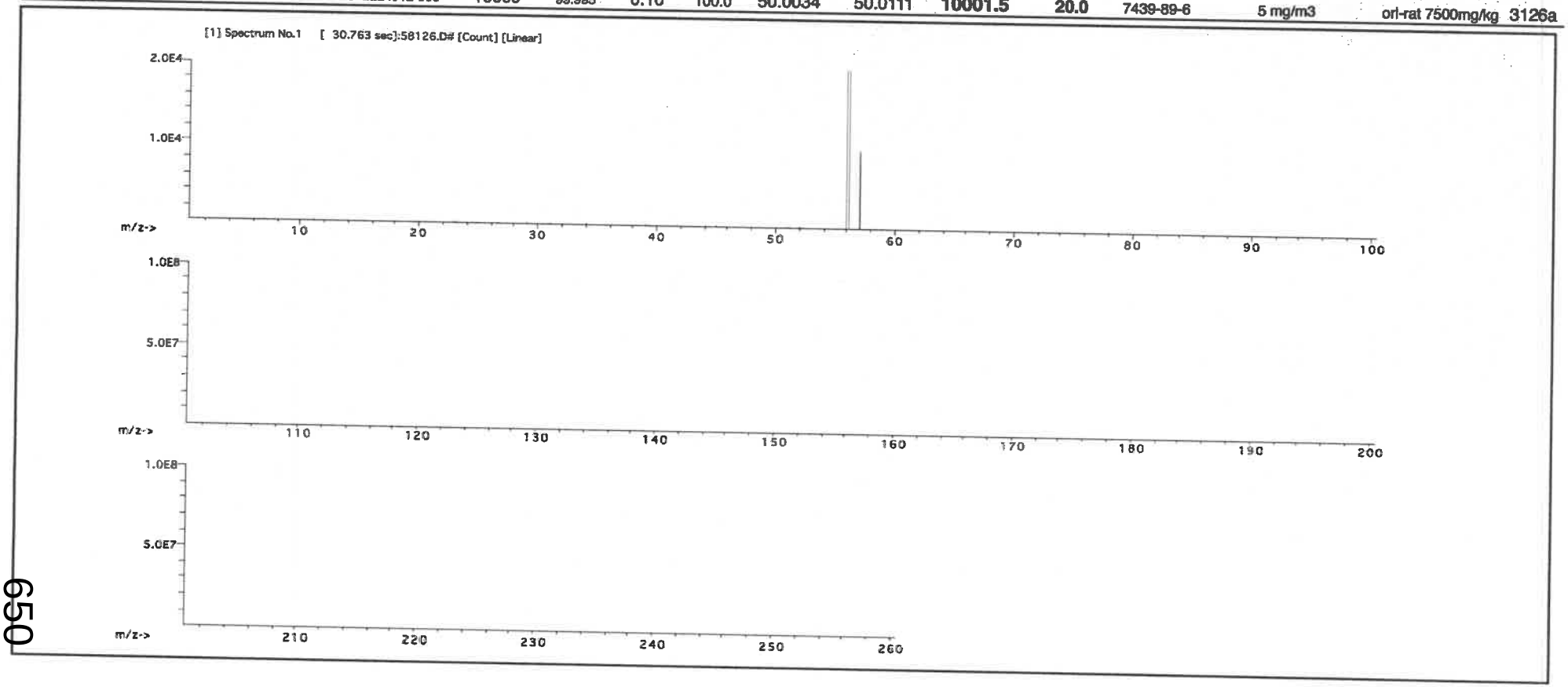
	Lot #		
Solvent:	20510011	Nitric Acid	
7.0%	350.0 (mL)	Nitric Acid	

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



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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	<0.10	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.10	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.05	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.10	Ge	<0.10	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.05
B	<0.02	Cu	<0.10	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

M5519. M5520 (BH) R:03/17/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 120822
Description: Potassium (K)

Expiration Date: 120825
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.4

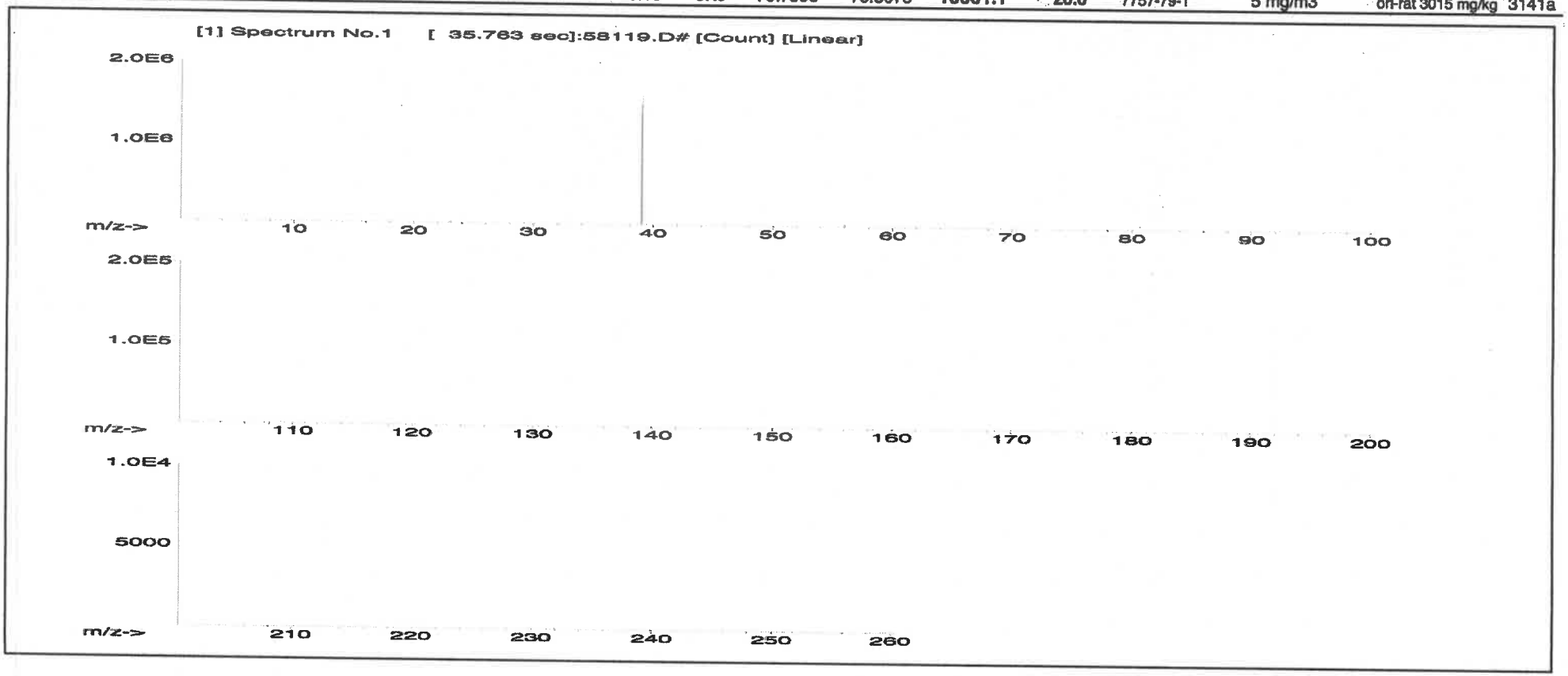
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty
0.06 Flask Uncertainty

Giovanni Esposito
Formulated By: Giovanni Esposito 120822

Pedro Rentas
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



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	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).

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

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F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-1
Lot Number:	T2-MEB721963
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	2 000 µg/mL ea: Aluminum, Barium,
	1 000 µg/mL ea: Iron,
	500 µg/mL ea: Manganese, Nickel, Vanadium, Zinc, Cobalt,
	250 µg/mL ea: Copper,
	200 µg/mL ea: Chromium,
	50 µg/mL ea: Beryllium, Silver

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Aluminum, Al	2 000 ± 7 µg/mL	Barium, Ba	2 000 ± 9 µg/mL
Beryllium, Be	50.00 ± 0.26 µg/mL	Chromium, Cr	200.0 ± 1.1 µg/mL
Cobalt, Co	500.0 ± 2.4 µg/mL	Copper, Cu	250.0 ± 1.0 µg/mL
Iron, Fe	1 000 ± 4 µg/mL	Manganese, Mn	500.0 ± 2.0 µg/mL
Nickel, Ni	500.0 ± 2.2 µg/mL	Silver, Ag	50.00 ± 0.22 µg/mL
Vanadium, V	500.0 ± 2.2 µg/mL	Zinc, Zn	500.0 ± 2.2 µg/mL

Density: 1.070 g/mL (measured at 20 ± 4 °C)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	160729
Ag	Volhard	999c	999c
Ag	Calculated		See Sec. 4.2
Al	ICP Assay	3101a	140903
Al	EDTA	928	928
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
Mn	ICP Assay	3132	050429
Mn	EDTA	928	928
Ni	ICP Assay	3136	120619
Ni	EDTA	928	928
V	IC Assay	3165	160906
V	EDTA	928	928
Zn	ICP Assay	3168a	120629
Zn	EDTA	928	928

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method I with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Note: This solution contains Silver (Ag), please refer to our Sample Preparation Guide for more information.

https://www.inorganicventures.com/sample-preparation-guide/samples-containing-silver

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 27, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 27, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

INORGANIC VENTURES
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Certificate of Analysis

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M5657 A: 8/29/22

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1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-SPK-4
Lot Number:	T2-MEB721144
Matrix:	3% (v/v) HNO3
Value / Analyte(s):	100 µg/mL ea: Antimony,
	50 µg/mL ea: Cadmium, Thallium,
	40 µg/mL ea: Arsenic,
	20 µg/mL ea: Lead,
	10 µg/mL ea: Selenium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Antimony, Sb	99.9 ± 0.8 µg/mL	Arsenic, As	40.00 ± 0.25 µg/mL
Cadmium, Cd	49.96 ± 0.22 µg/mL	Lead, Pb	19.99 ± 0.10 µg/mL
Selenium, Se	10.00 ± 0.06 µg/mL	Thallium, Tl	49.96 ± 0.32 µg/mL

Density: 1.014 g/mL (measured at 20 ± 4 °C)

Assay Information:

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ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	traceable to 3103a	R2-AS691113
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Cd	Calculated		See Sec. 4.2
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Pb	Calculated		See Sec. 4.2
Sb	ICP Assay	3102a	140911
Se	ICP Assay	3149	100901
Se	Calculated		See Sec. 4.2
Tl	ICP Assay	3158	151215
Tl	Calculated		See Sec. 4.2

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 07, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- **July 07, 2027**

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5658 R ! 8/25/23

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

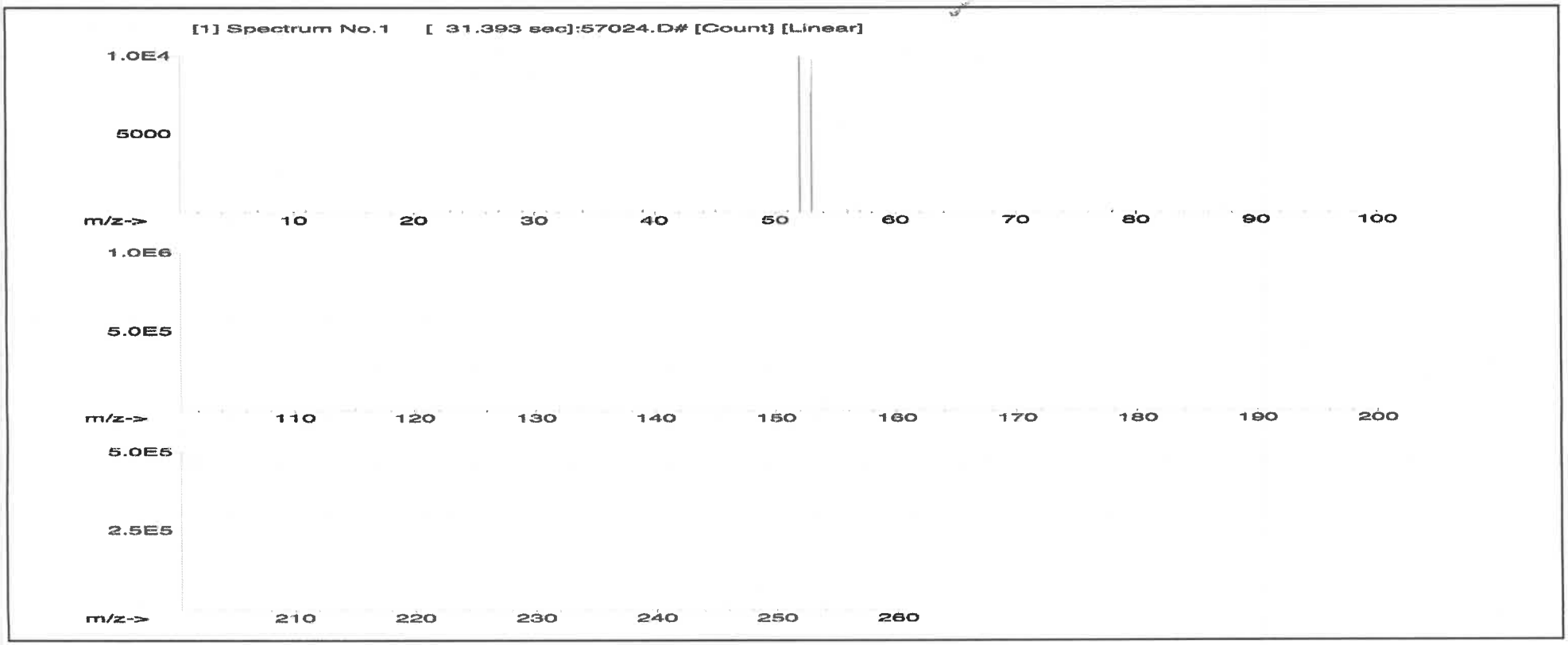
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58024**	21110221	Nitric Acid	
Lot Number:	**060523**			
Description:	**Chromium (Cr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1.	Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	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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www.absolutestandards.com

Certified Reference Material CRM

M5697 R: 10/27/23

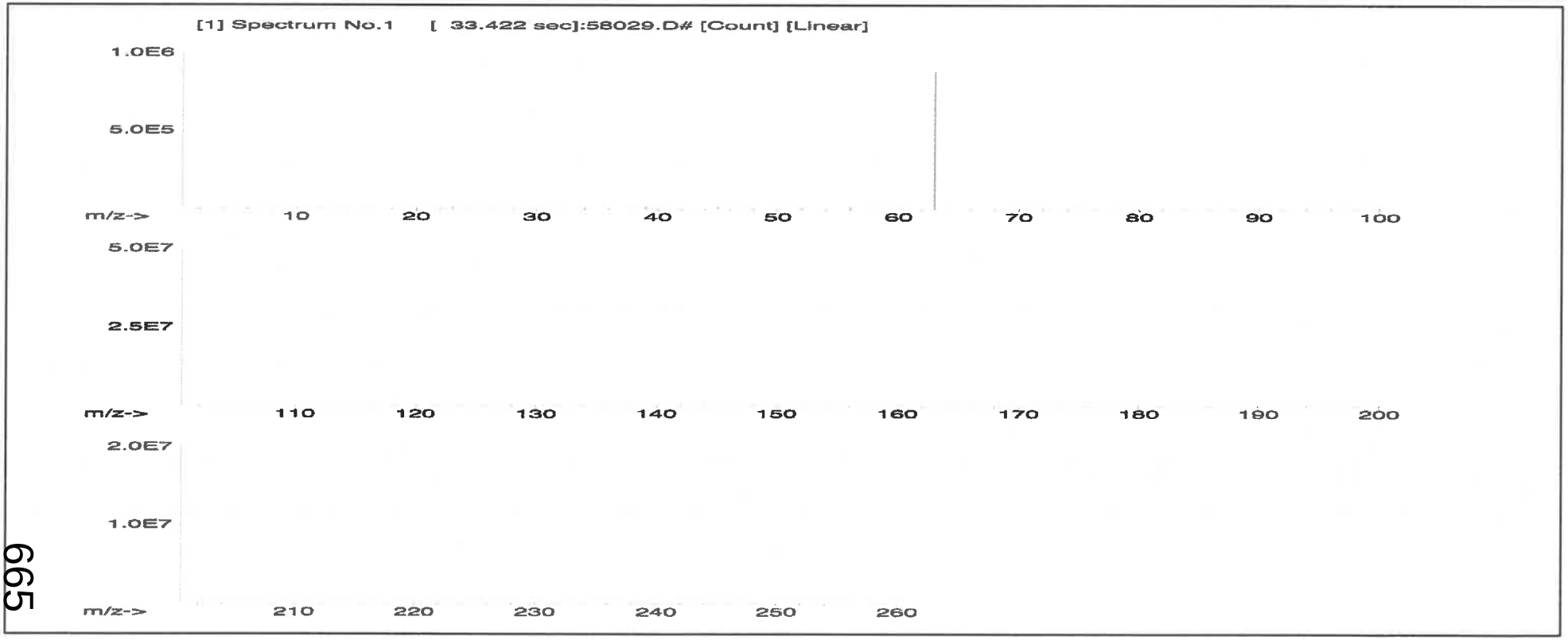
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**58029**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Copper (Cu)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Copper(II) nitrate trihydrate (Cu)	58129	100223	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114



665

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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M5648 R: 10/27/23

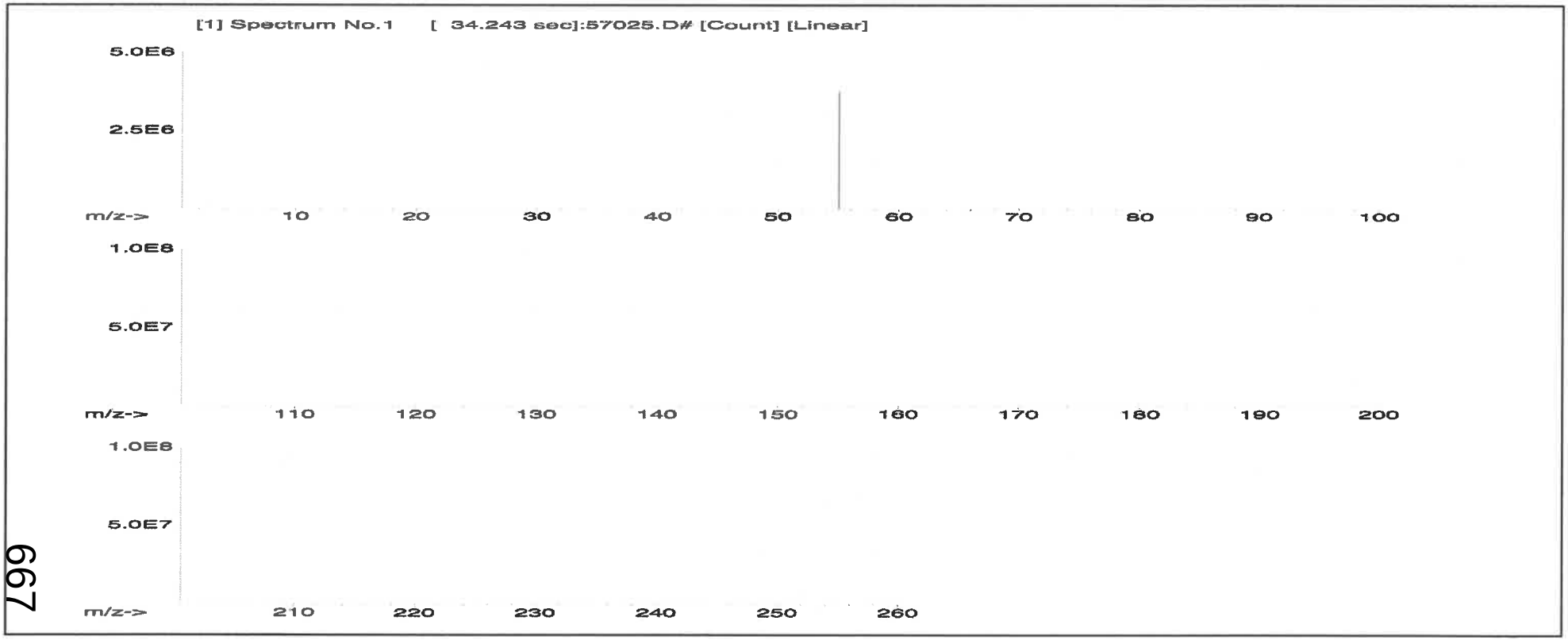
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CERTIFIED WEIGHT REPORT:

		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



667

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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699

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

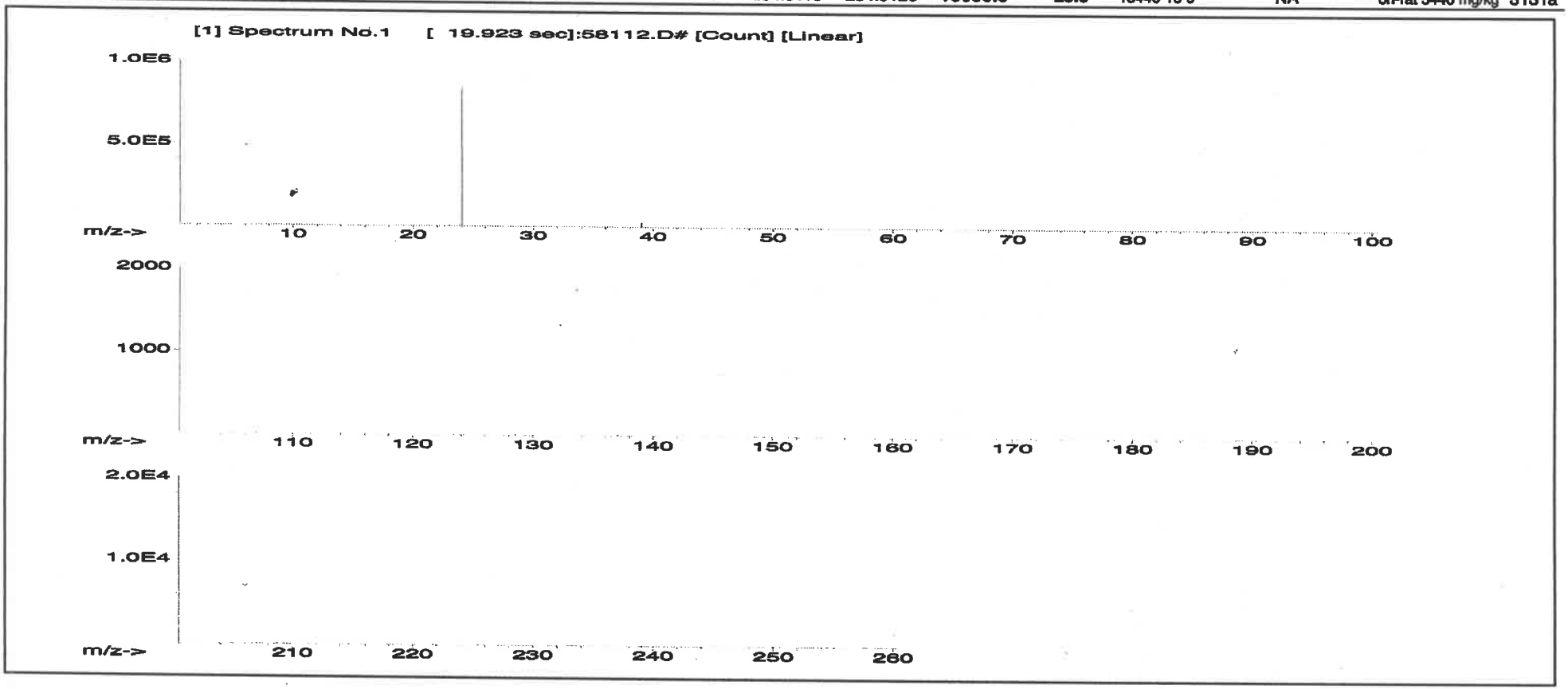
		Lot #	
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



670

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:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5768 M5769 (BP) R:1/3/24

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671

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

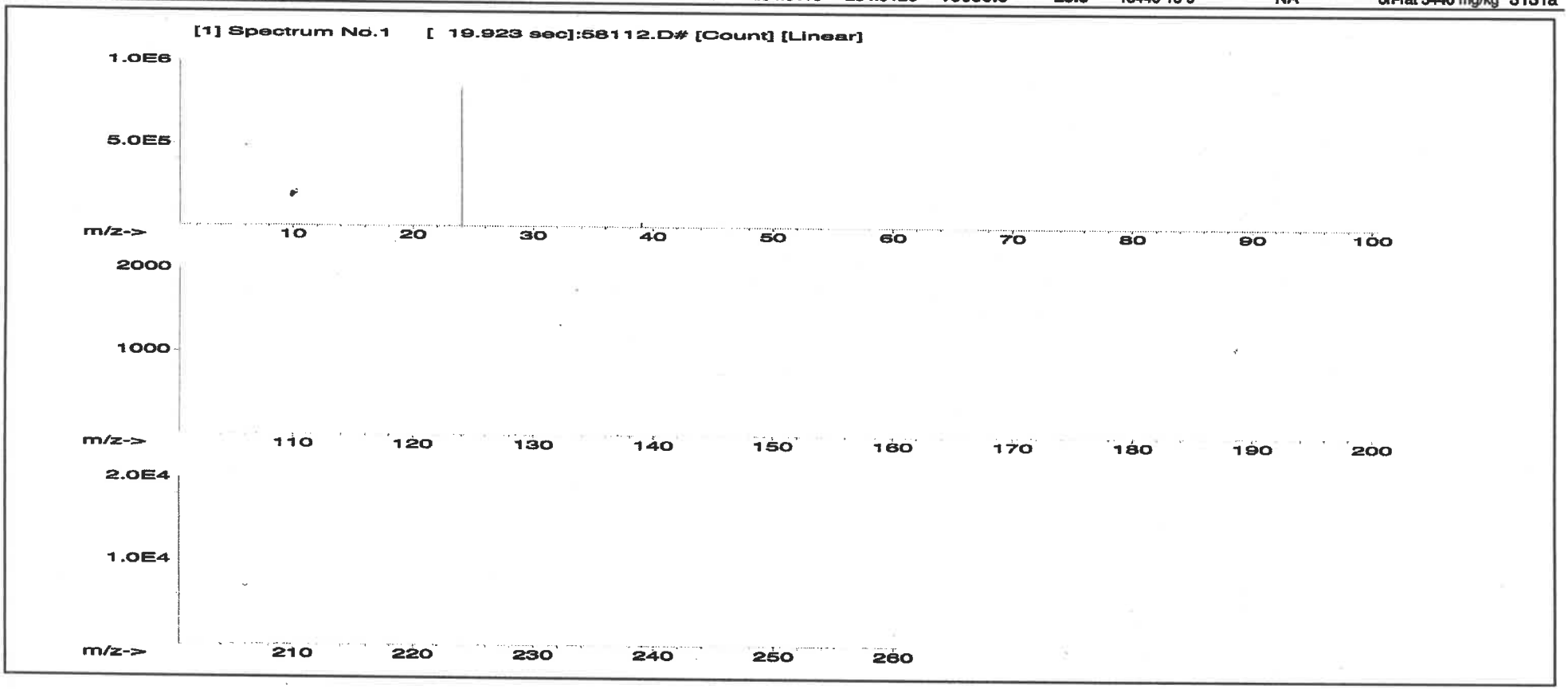
5E-05 Balance Uncertainty

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



672

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:

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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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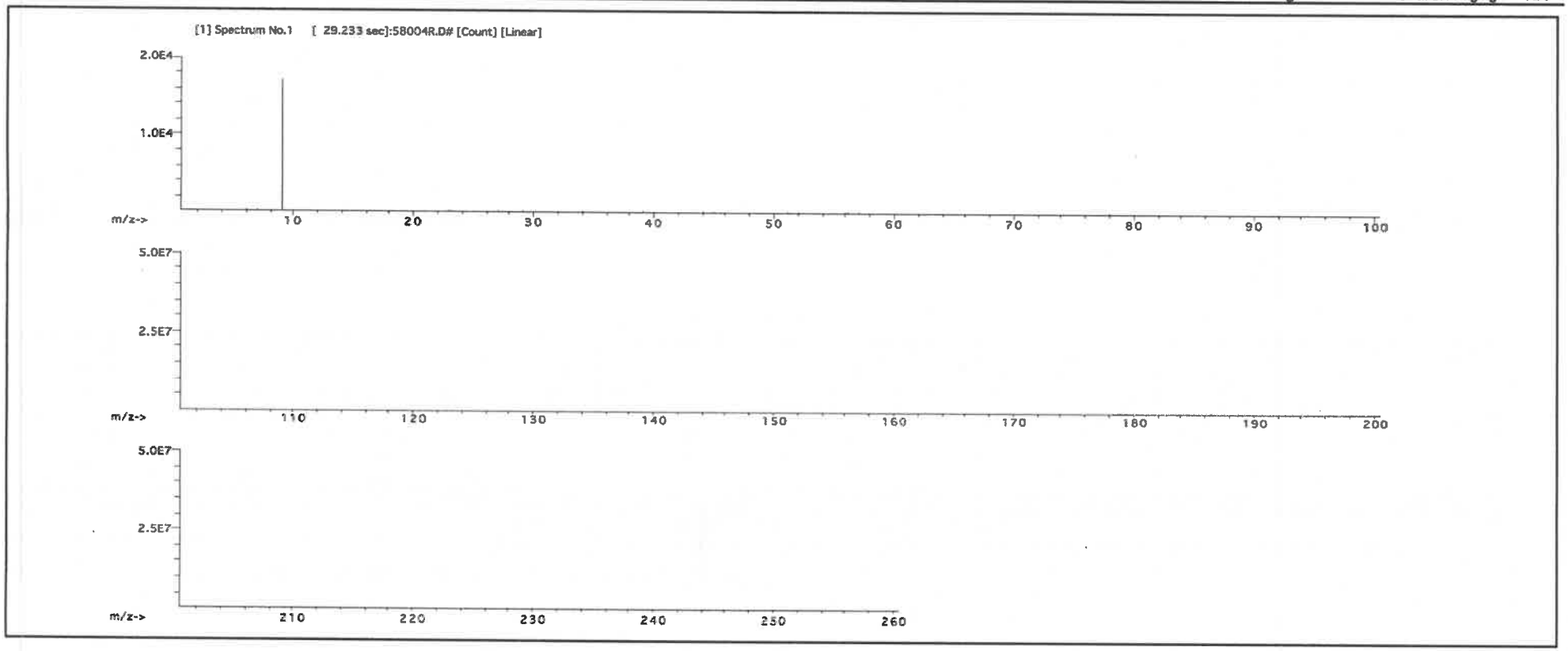
673

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57004**	24002546	Nitric Acid		
Lot Number:	**102523**				
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	102526				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Benson Chan	102523
Reviewed By:	Pedro L. Rentas	102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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674

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R? 02/09/24 IM5799 BA

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675

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

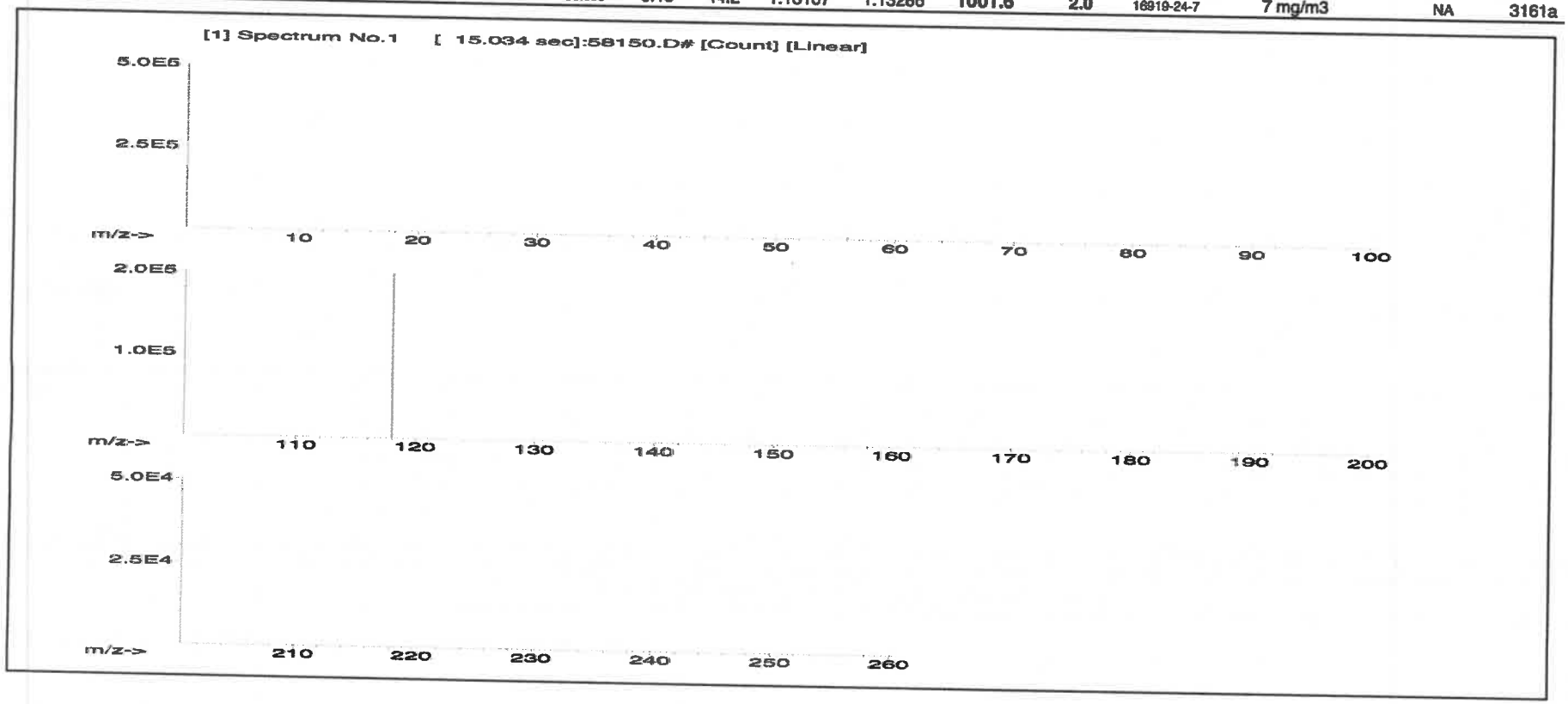
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	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



679

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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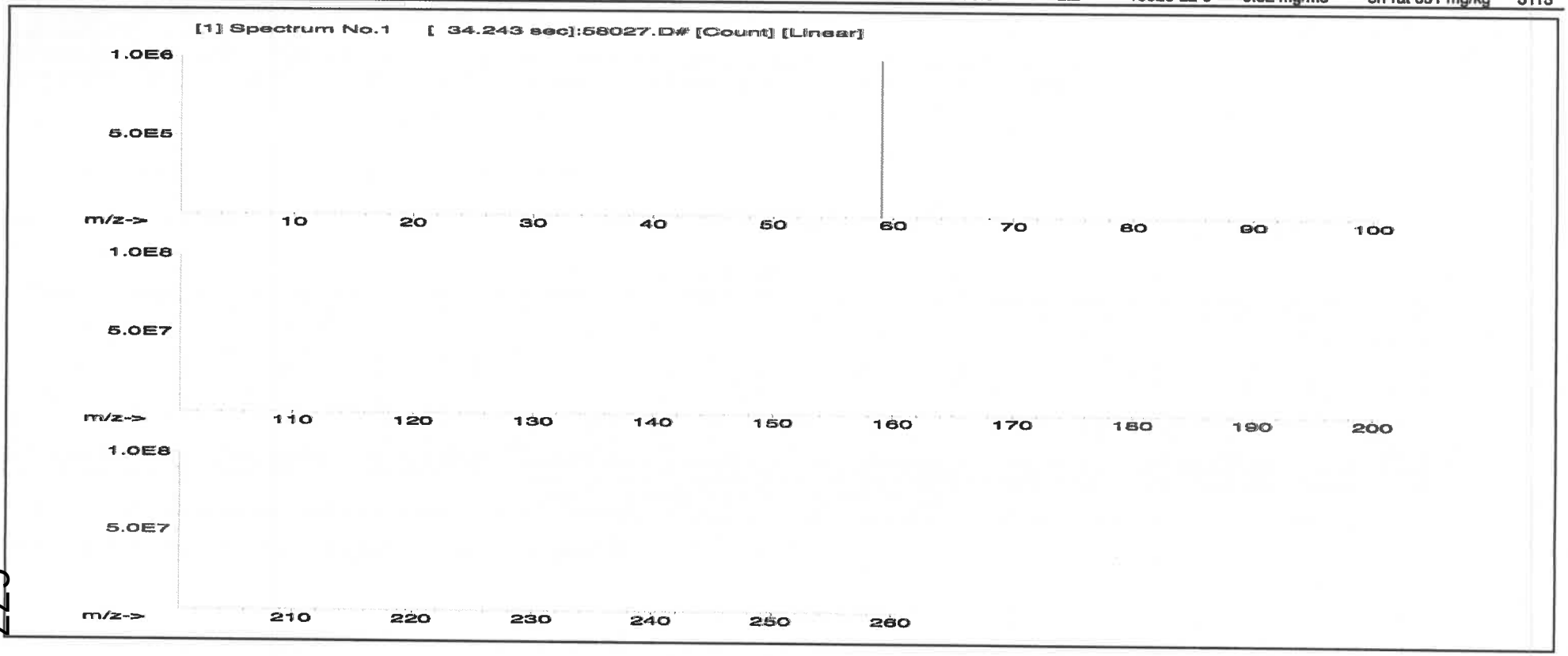
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CERTIFIED WEIGHT REPORT:

		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



677

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* 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).

678

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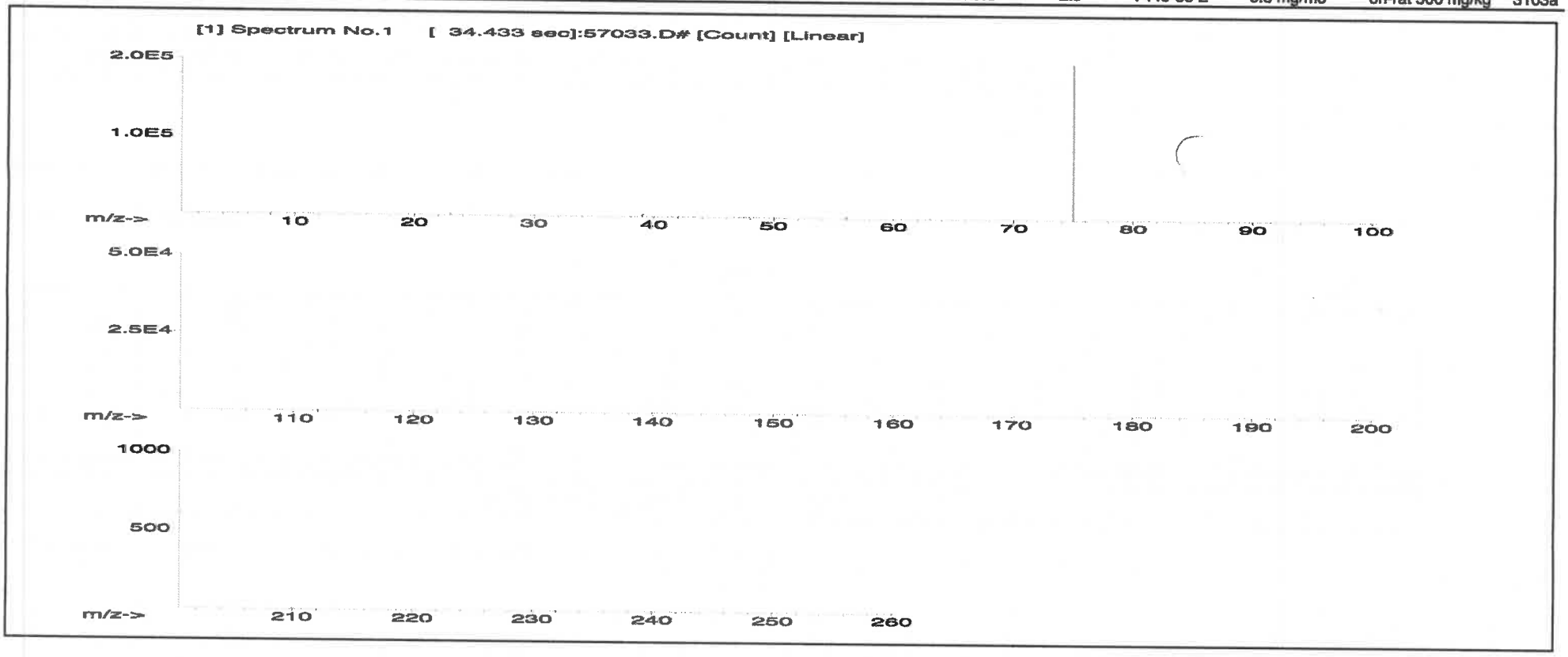
679

CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**				
Lot Number:	**111323**	24002546	Nitric Acid		
Description:	**Arsenic (As)**				
		2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



089

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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* 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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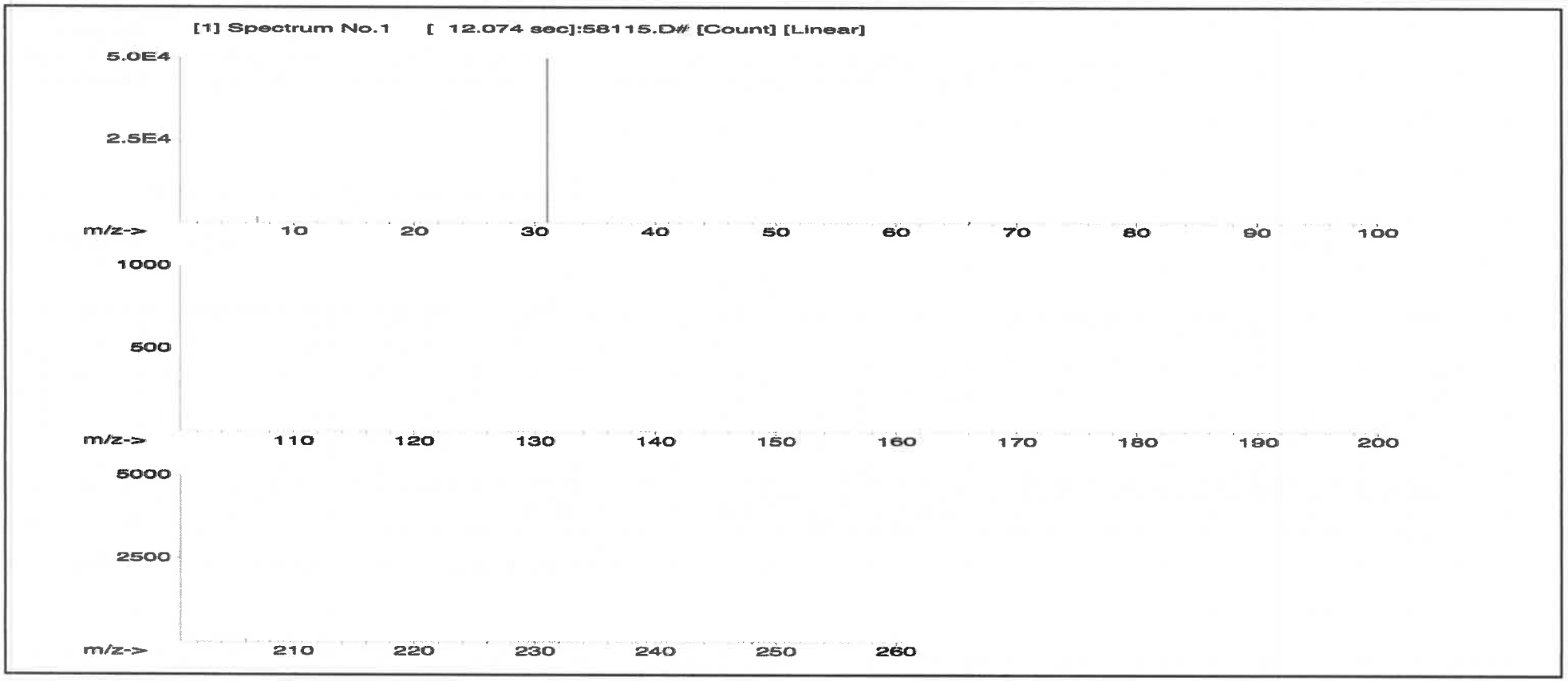
681

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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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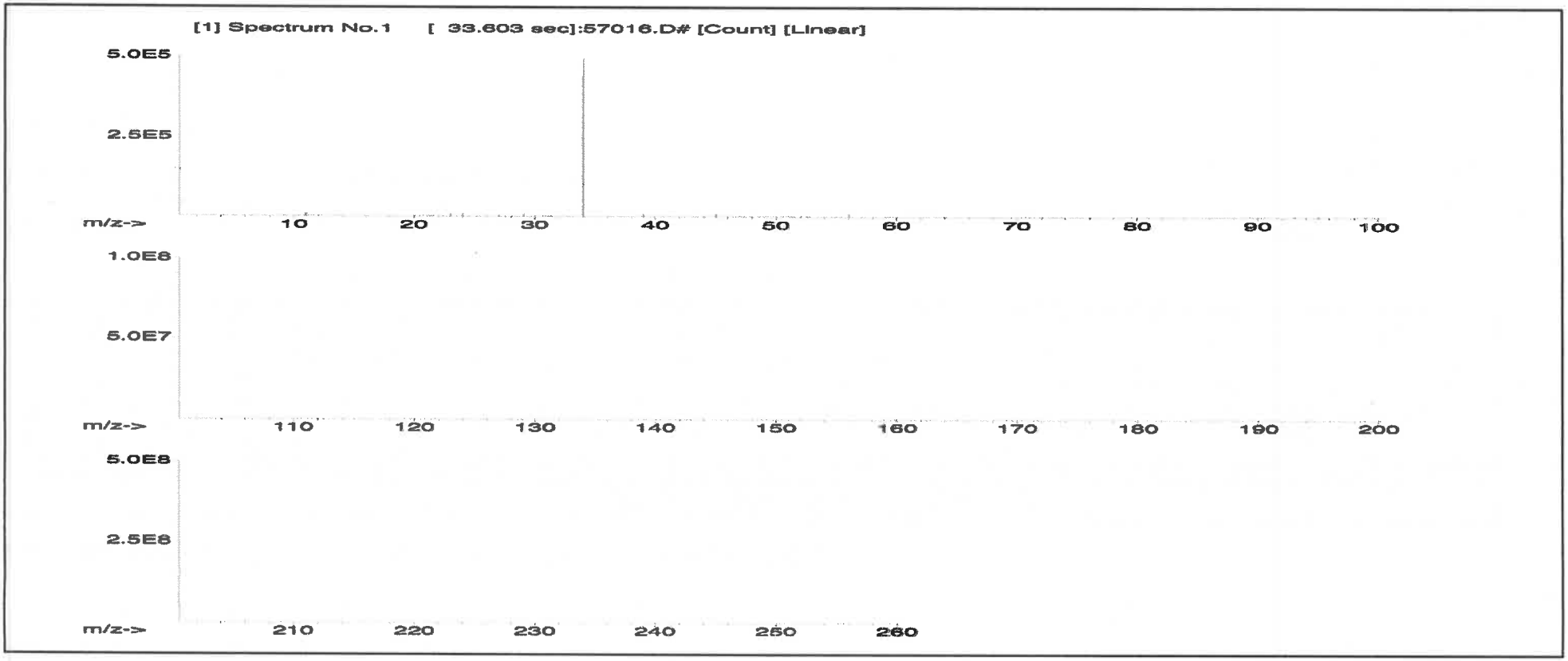
683

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



684

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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685

CERTIFIED WEIGHT REPORT:

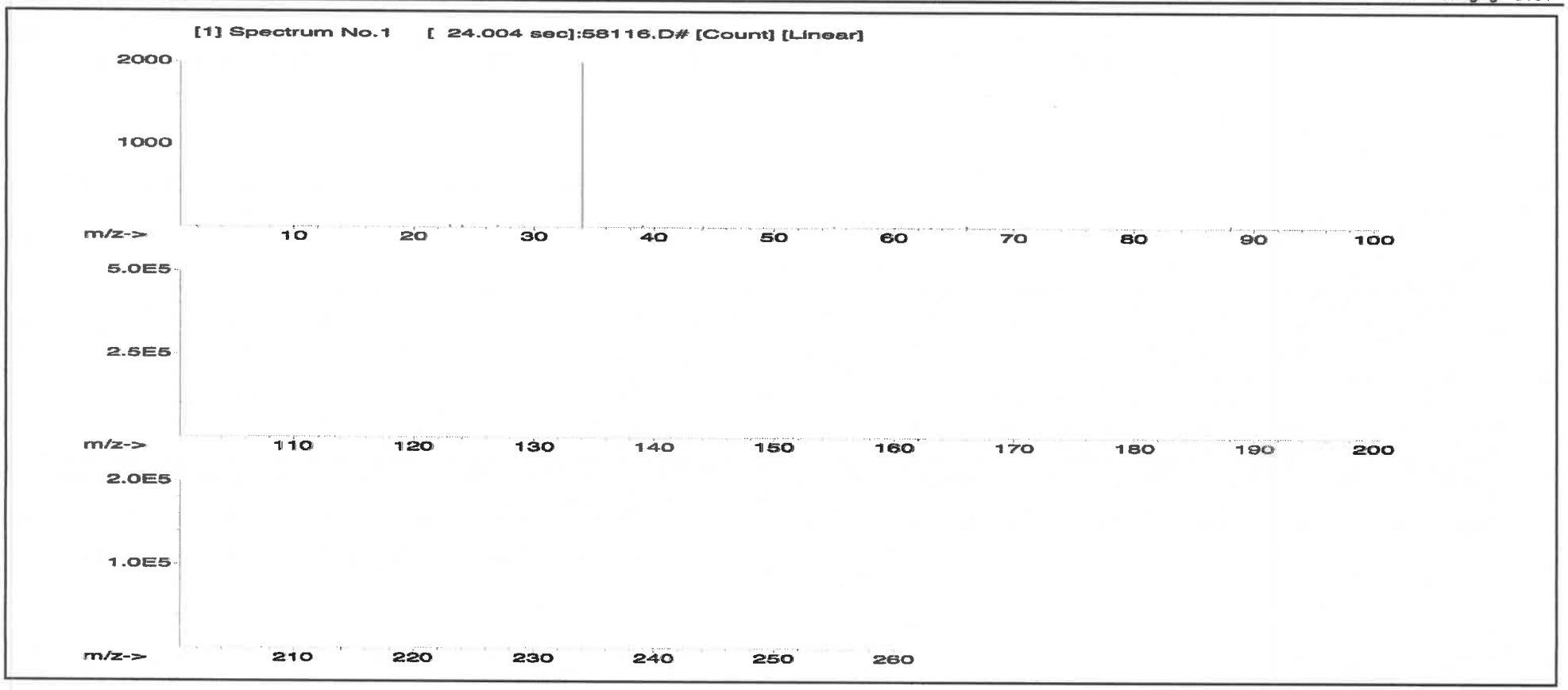
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

Lot #
Solvent: 071123 ASTM Type 1 Water

Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium sulfate (S)	IN117	SLBR7225V	10000	99.9	0.10	24.3	82.4675	82.4682	**10000.1**	**20.0**	7783-20-2	NA	orl-rat 4250mg/kg	3181



989

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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R: 02/09/24 M.5818

Lot #

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CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

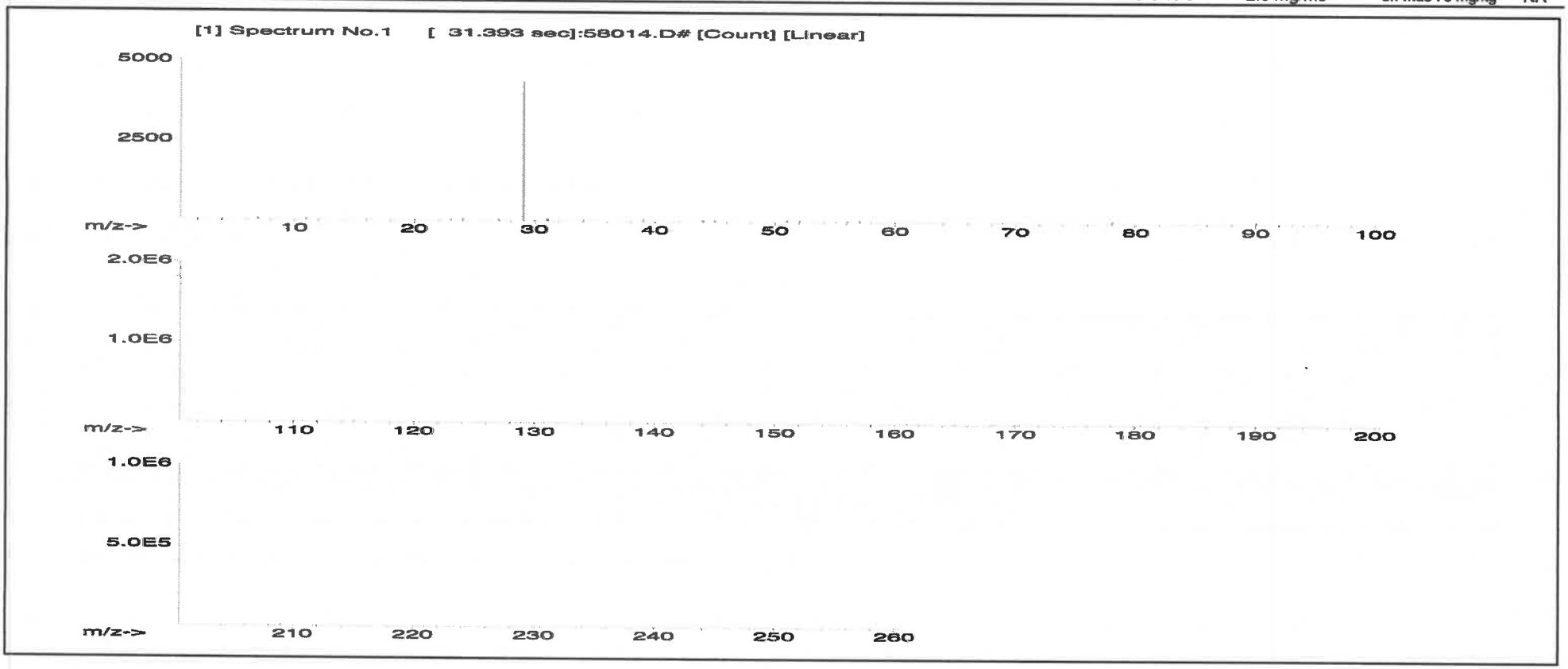
5E-05 Balance Uncertainty

Aleah O'Brady
Formulated By: Aleah O'Brady 122023

Pedro Rentas
Reviewed By: Pedro L. Rentas 122023

687

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



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	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:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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Certified Reference Material CRM

R: 02/09/24 M5819

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AR-1539 Certificate Number
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689

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

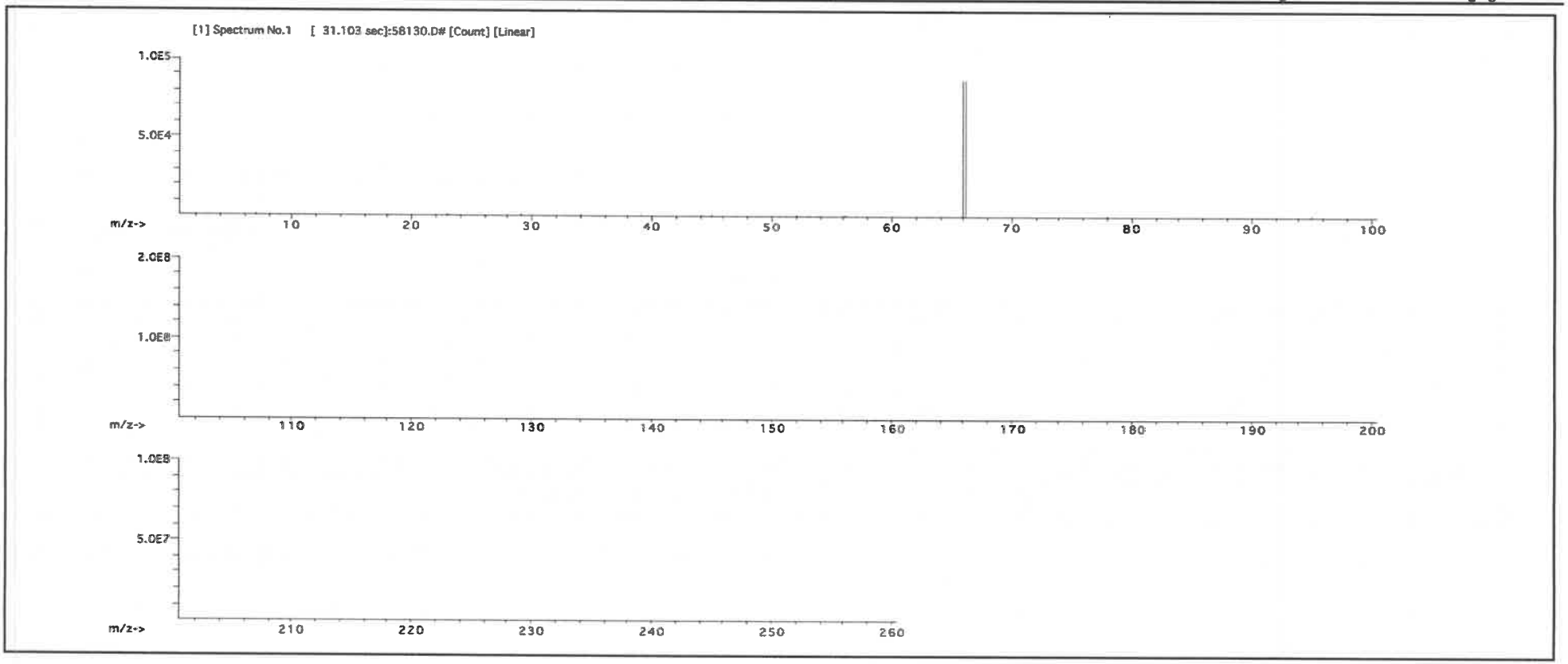
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	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



069

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Certified Reference Material CRM

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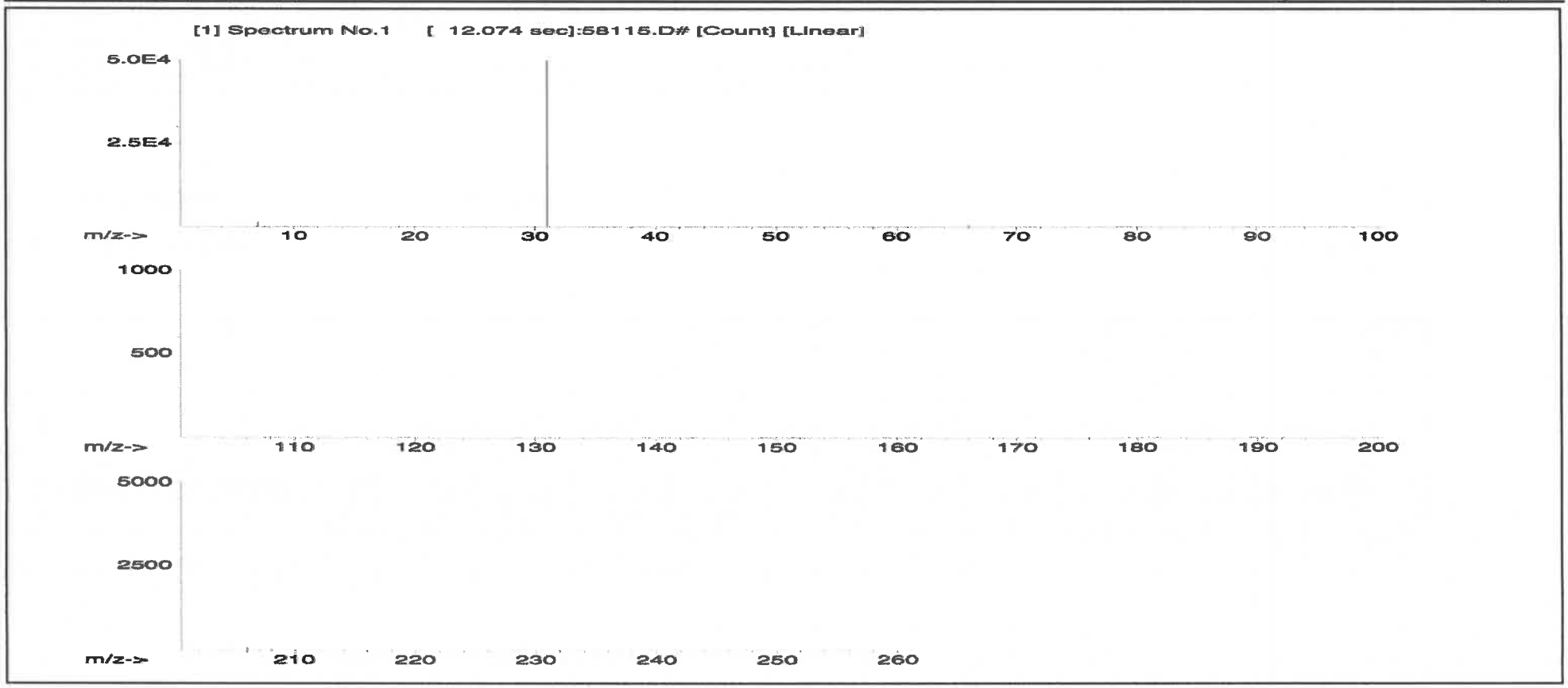
691

CERTIFIED WEIGHT REPORT:

Part Number:	**57015**		**Lot #**		
Lot Number:	**091123**	**Solvent:**	24002546	Nitric Acid	
Description:	**Phosphorous (P)**				
		2%	40.0	Nitric Acid	
Expiration Date:	091126		(mL)		
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



692

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5961 R: 6/11/24

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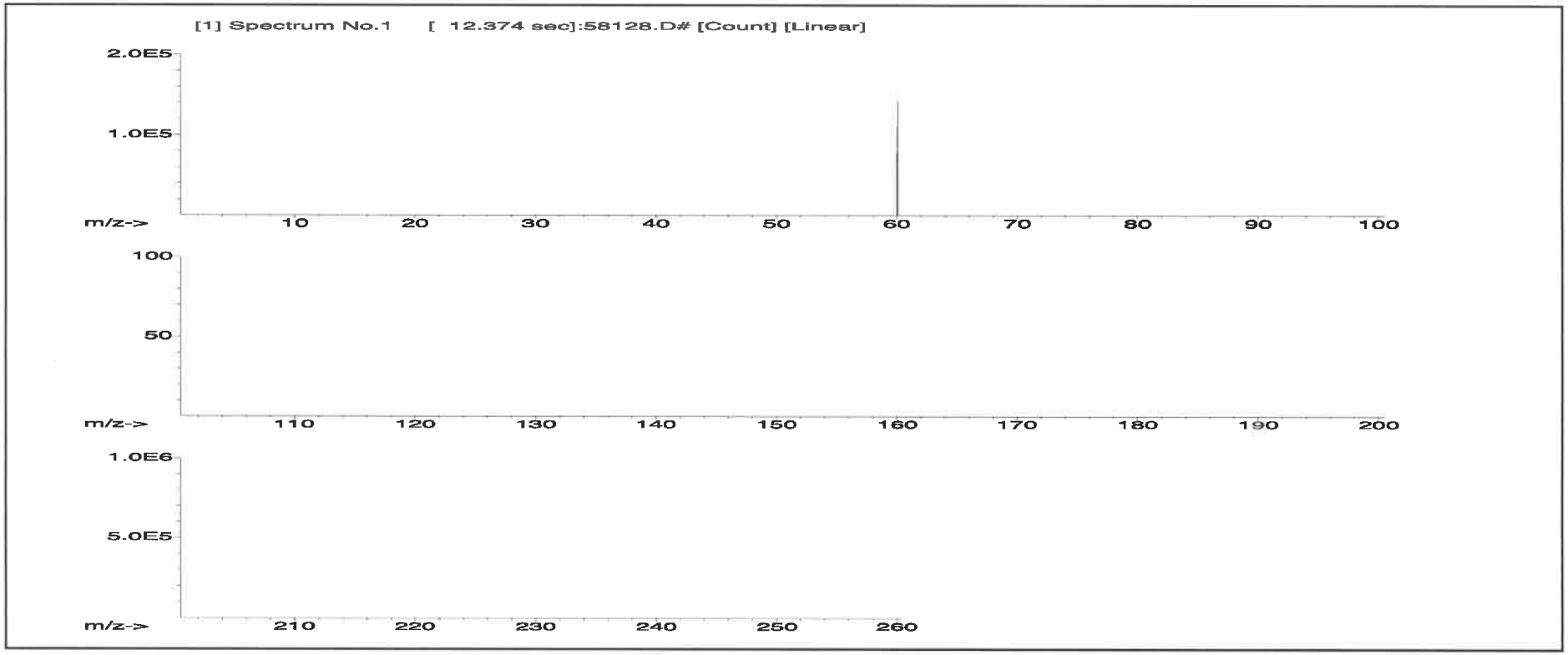
693

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



694

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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M5962 R! 06/14/24.

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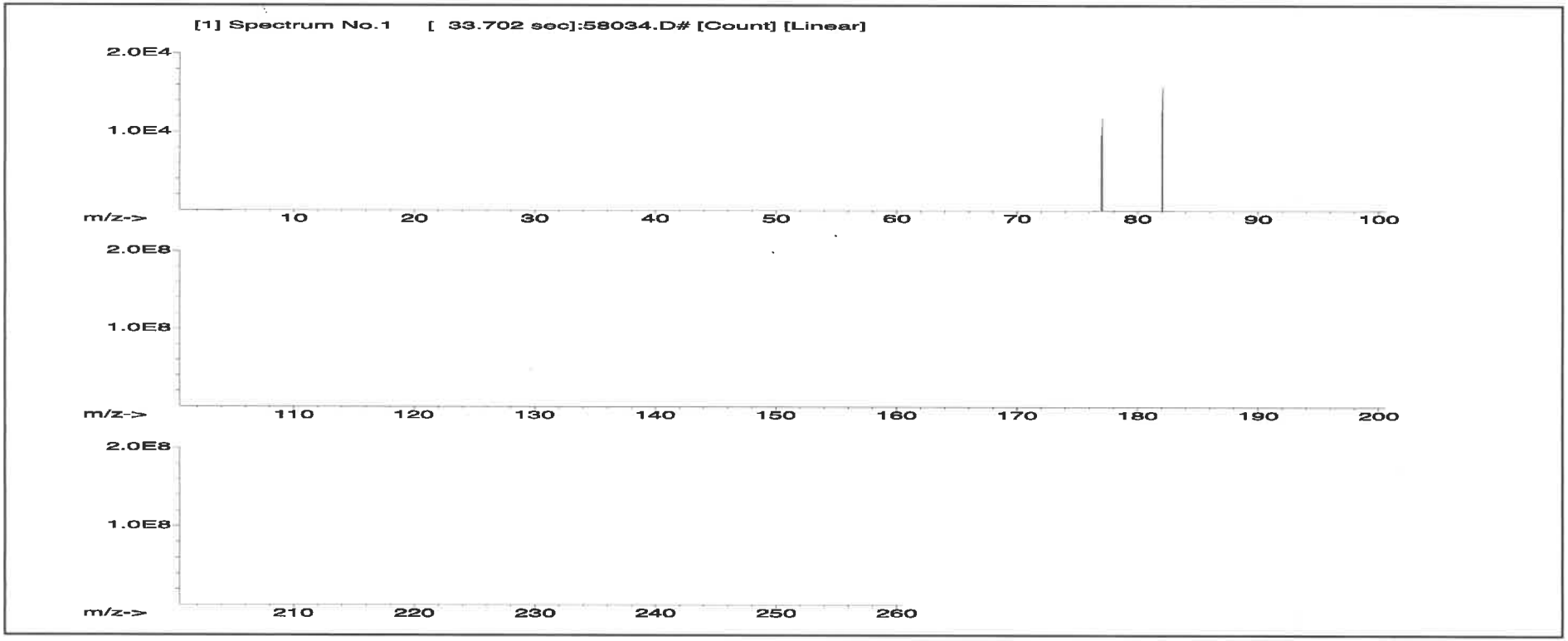
695

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



999

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:

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Nitric Acid 69%
CMOS

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MS963 MS964 MS965
MS966 MS967 MS968

Material No.: 9606-03
Batch No.: 24B1362001
Manufactured Date: 2024-01-25
Retest Date: 2029-01-23
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay (HNO_3)	69.0 - 70.0 %	69.6 %
Appearance	Passes Test	Passes Test
Color (APHA)	≤ 10	5
Residue after Ignition	≤ 2 ppm	< 1 ppm
Chloride (Cl)	≤ 0.08 ppm	< 0.03 ppm
Phosphate (PO_4)	≤ 0.10 ppm	< 0.03 ppm
Sulfate (SO_4)	≤ 0.2 ppm	< 0.2 ppm
Trace Impurities - Aluminum (Al)	≤ 40.0 ppb	< 1.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Barium (Ba)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Cadmium (Cd)	≤ 50 ppb	< 1 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	< 0.2 ppb
Trace Impurities - Chromium (Cr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities - Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Germanium (Ge)	≤ 20 ppb	< 10 ppb
Trace Impurities - Gold (Au)	≤ 20 ppb	< 5 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 40.0 ppb	< 1.0 ppb
Trace Impurities - Lead (Pb)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities - Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities - Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities - Nickel (Ni)	≤ 20.0 ppb	< 5.0 ppb

>>> Continued on page 2 >>>

Nitric Acid 69%
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Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 150.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 30.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater	≤ 60 par/ml	3 par/ml
Particle Count – 1.0 µm and greater	≤ 10 par/ml	1 par/ml

>>> Continued on page 3 >>>

Nitric Acid 69%
CMOS

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Material No.: 9606-03
Batch No.: 24B1362001

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Ken Koehnlein
Sr. Manager, Quality Assurance

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Certificate of Analysis

M5976, M5977
R: 02/22/24

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGMO1
Lot Number:	T2-MO720876
Matrix:	H2O tr. NH4OH
Value / Analyte(s):	1 000 µg/mL ea: Molybdenum
Starting Material:	Ammonium Molybdate
Starting Material Lot#:	2361
Starting Material Purity:	99.9893%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 998 ± 7 µg/mL

Density: 1.000 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **998 ± 4 µg/mL**
ICP Assay NIST SRM 3134 Lot Number: 130418

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance.

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\,(u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\,(u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\,(u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

700

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000590	M	Eu	<	0.000300	M	Na		0.000879	M	Se	<	0.008000	M	Zn		0.000598
M	Al		0.000563	M	Fe	<	0.006500	M	Nb	<	0.029000	i	Si	<		M	Zr	<	0.001800
M	As	<	0.002100	M	Ga	<	0.000300	i	Nd	<		M	Sm	<	0.000300				
M	Au	<	0.000300	M	Gd	<	0.000300	M	Ni	<	0.008000	M	Sn	<	0.008900				
M	B	<	0.003300	M	Ge	<	0.000300	M	Os	<	0.000590	M	Sr		0.000175				
M	Ba		0.001689	M	Hf	<	0.001800	i	P	<		M	Ta	<	0.004200				
M	Be	<	0.000890	M	Hg	<	0.003300	M	Pb	<	0.000300	M	Tb	<	0.000300				
M	Bi	<	0.000890	M	Ho	<	0.000300	M	Pd	<	0.001800	M	Te	<	0.021000				
O	Ca		0.006334	M	In	<	0.032000	M	Pr	<	0.013000	M	Th	<	0.000300				
O	Cd	<	0.026000	M	Ir	<	0.000300	M	Pt	<	0.000300	O	Tl	<	0.032000				
M	Ce	<	0.008300	M	K		0.130213	M	Rb		0.004575	M	Tl		0.001266				
M	Co		0.000598	M	La	<	0.000300	M	Re	<	0.000300	M	Tm	<	0.000300				
M	Cr		0.000527	O	Li		0.000059	M	Rh	<	0.000300	M	U	<	0.005300				
M	Cs		0.000527	M	Lu	<	0.000300	M	Ru	<	0.079000	M	V	<	0.000890				
M	Cu		0.002252	M	Mg		0.000563	i	S	<		M	W		0.087982				
M	Dy	<	0.000300	M	Mn	<	0.005900	M	Sb		0.001513	M	Y	<	0.000300				
M	Er	<	0.000300	s	Mo	<		M	Sc	<	0.001200	M	Yb	<	0.000300				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 95.94 +6 6,7,8,9 [MoO4]-2(chemical form as received)

Chemical Compatibility -Mo is received in a NH4OH matrix giving the operator the option of using HCl or HF to stabilize acidic solutions. The [MoO4]-2 is soluble in concentrated HCl [MoOCl5]-2, dilute HF / HNO3 [MoOF5]-2 and basic media [MoO4]-2. Stable at ppm levels with some metals provided it is fluorinated. Do not mix with Alkaline or Rare Earths when HF is present. Stable with most inorganic anions provided it is in the [MoO4]-2 chemical form.

Stability - 2-100 ppb levels stable (alone or mixed with all other metals that are at comparable levels) as the [MoOF5]-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the [MoO4]-2 chemically stable for years in 1% NH4OH in a LDPE container.

Mo Containing Samples (Preparation and Solution) -Metal (Soluble in HF / HNO3 or hot dilute HCl); Oxide (soluble in HF or NH4OH) ; Organic Matrices (Dry ash at 450EC in Pt0 and dissolve oxide with HF or HCl).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	**Estimated D.L.**	**Order**	**Interferences** (underlined indicates severe)
ICP-MS 95 amu	3 ppt	n/a	40Ar39K16O,79Br1 6O,190Os2+,190Pt 2+
ICP-OES 202.030 nm	0.008 / 0.0002 µg/mL	1	Os, Hf
ICP-OES 203.844 nm	0.012 / 0.002 µg/mL	1	
ICP-OES 204.598 nm	0.012 / 0.001 µg/mL	1	Ir, Ta

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

July 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- July 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By:

Uyen Truong
Supervisor, Product Documentation



Certificate Approved By:

Michael Booth
Director, Technical



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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M5978, M5979

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

R: 2/22/24

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Single Analyte Custom Grade Solution
Catalog Number:	CGTI1
Lot Number:	T2-TI719972
Matrix:	2% (v/v) HNO3 tr. HF
Value / Analyte(s):	1 000 µg/mL ea: Titanium
Starting Material:	Ti Metal
Starting Material Lot#:	2094
Starting Material Purity:	99.9975%

3.0 CERTIFIED VALUES AND UNCERTAINTIES

Certified Value: 1002 ± 5 µg/mL

Density: 1.012 g/mL (measured at 20 ± 4 °C)

Assay Information:

Assay Method #1 **1002 ± 4 µg/mL**
ICP Assay NIST SRM 3162a Lot Number: 130925

- The Calculated Value is a value calculated from the weight of a starting material that has been certified directly vs. a National Institute of Standards and Technology (NIST) SRM/RM. See Sec 4.2 for balance traceability.

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$
w_i = the weighting factors for each method calculated using the inverse square of the variance

$w_i = (1/u_{char\ i}^2) / (\Sigma(1/u_{char\ i}^2))$

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char} = (\Sigma(w_i)^2\ (u_{char\ i})^2)^{1/2}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with
$u_{char\ a}$ = the standard uncertainty of characterization Method A

CRM/RM Expanded Uncertainty (±) = $U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{1/2}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization
u_{bb} = bottle to bottle homogeneity standard uncertainty
u_{lts} = long term stability standard uncertainty (storage)
u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

CRM/RMs are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

M	Ag	<	0.000536	M	Eu	<	0.000268	O	Na	<	0.032670	M	Se		0.001204	O	Zn	<	0.003267
O	Al		0.000872	O	Fe		0.003225	O	Nb	<	0.043560	O	Si		0.004735	O	Zr	<	0.043560
M	As	<	0.008586	M	Ga	<	0.000268	M	Nd	<	0.000268	M	Sm	<	0.000268				
M	Au	<	0.004577	M	Gd	<	0.000268	O	Ni	<	0.010890	M	Sn		0.000096				
O	B	<	0.008929	M	Ge	<	0.002146	M	Os	<	0.000269	O	Sr		0.000096				
M	Ba	<	0.002683	M	Hf		0.002161	O	P	<	0.054450	M	Ta		0.010560				
M	Be	<	0.005366	M	Hg	<	0.003231	M	Pb	<	0.001073	M	Tb	<	0.000268				
M	Bi	<	0.001609	M	Ho	<	0.000268	M	Pd	<	0.000268	M	Te	<	0.001341				
O	Ca		0.000676	M	In	<	0.002683	M	Pr	<	0.000268	M	Th	<	0.053663				
M	Cd	<	0.000268	M	Ir	<	0.000269	M	Pt	<	0.000536	s	Ti	<					
M	Ce	<	0.000268	M	K		0.001172	M	Rb	<	0.000268	M	Tl	<	0.000268				
M	Co	<	0.004293	M	La	<	0.000268	M	Re	<	0.000268	M	Tm	<	0.000268				
M	Cr		0.000752	O	Li	<	0.027225	M	Rh	<	0.000268	M	U	<	0.000268				
M	Cs	<	0.000268	M	Lu	<	0.000268	M	Ru	<	0.000269	M	V	<	0.019855				
O	Cu	<	0.010890	O	Mg	<	0.005445	i	S	<		M	W		0.000473				
M	Dy	<	0.000268	O	Mn	<	0.003267	M	Sb	<	0.006976	M	Y	<	0.002146				
M	Er	<	0.000268	M	Mo		0.000774	O	Sc	<	0.004900	M	Yb	<	0.000536				

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference
n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

Atomic Weight; Valence; Coordination Number; Chemical Form in Solution - 47.87 +4 6 Ti(F)6-2

Chemical Compatibility - Soluble in concentrated HCl, HF, H3PO4 H2SO4 and HNO3. Avoid neutral to basic media. Unstable at ppm levels with metals that would pull F- away (i.e. Do not mix with Alkaline or Rare Earths or high levels of transition elements unless they are fluorinated). Stable with most inorganic anions with a tendency to hydrolyze forming the hydrated oxide in all dilute acids except HF.

Stability - 2-100 ppb levels stable (Alone or mixed with all other metals) as the Ti(F)6-2 for months in 1% HNO3 / LDPE container. 1-10,000 ppm single element solutions as the Ti(F)6-2 chemically stable for years in 2-5% HNO3 / trace HF in an LDPE container.

Ti Containing Samples (Preparation and Solution) - Metal (Soluble in H2O / HF caution -powder reacts violently); Oxide - low temperature history anatase or rutile (Dissolved by heating in 1:1:1 H2O / HF / H2SO4); Oxide - high temperature history (~800EC) brookite (fuse in Pt0 with K2S2O7); Ores (fuse in Pt0 with KF + K2S2O7 - no KF if silica not present); Organic Matrices (Dry ash at 450EC in Pt0 and dissolve by heating with 1:1:1 H2O / HF / H2SO4 or fuse ash with pyrosulfate if oxide is as plastic pigment and likely in brookite crystalline form).

Atomic Spectroscopic Information (ICP-OES D.L.s are given as radial/axial view):

Technique/Line	Estimated D.L.	Order	Interferences (underlined indicates severe)
ICP-MS 48 amu	14 ppt	N/A	32S16O, 32S14N, 14N16O18O, 14N17N2, 36Ar12C, 48Ca, [96X=2 (where X = Zr, Mo, Ru)]
ICP-OES 323.452 nm	0.0054 / 0.00092 µg/mL	1	Ce, Ar, Ni
ICP-OES 334.941 nm	0.0038 / 0.000028 µg/mL	1	Nb, Ta, Cr, U
ICP-OES 336.121 nm	0.0053 / 0.000034 µg/mL	1	W, Mo, Co

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

Inorganic Ventures, 300 Technology Drive, Christiansburg, Va. 24073, USA; Telephone: 800.669.6799; 540.585.3030, Fax: 540.585.3012; inorganicventures.com; info@inorganicventures.com

11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

June 17, 2022

- The certification is valid within the measurement uncertainty specified provided the CRM/RM is stored and handled in accordance with instructions given in Sec 7.1. This certification is nullified if instructions in Sec 7.1 are not followed or if the CRM/RM is damaged, contaminated, or otherwise modified.

11.2 Lot Expiration Date

- June 17, 2027

- The date after which this CRM/RM should not be used.

- The lot expiration date reflects the period of time that the stability of a CRM/RM can be supported by long term stability studies conducted on properly stored and handled CRM/RMs. Lot expiration is limited primarily by transpiration (loss of water from the solution) and infrequently by chemical stability.

11.3 Period of Validity

- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control

Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

H5981 R:6/11/24

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57092**	24002546	Nitric Acid	
Lot Number:	**060724**			
Description:	**Uranium (U)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060727			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.07	0.100	Flask Uncertainty	

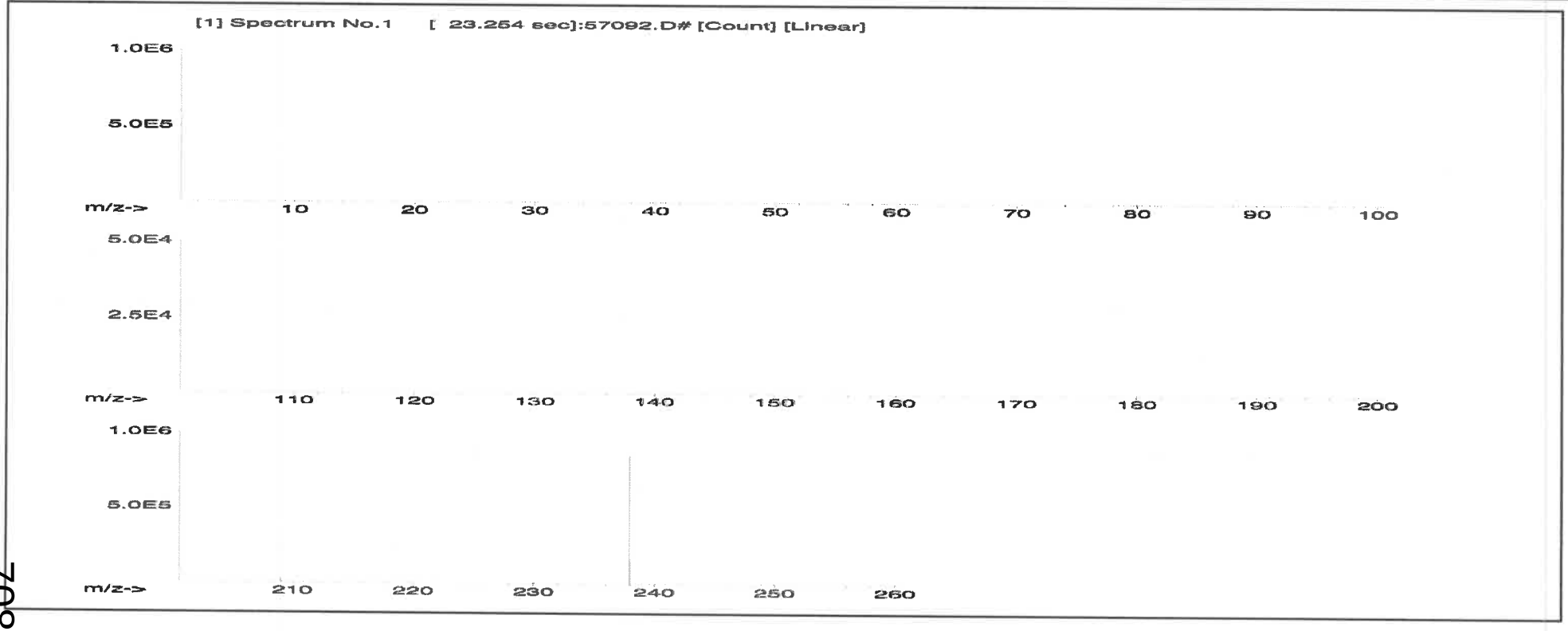
Giovanni Esposito

Formulated By:	Giovanni Esposito	060724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	060724

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Uranyl nitrate hexahydrate (U)	58192	041524	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13520-83-7	0.05 mg/m3	orl-rat 1040 mg/kg	3164



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	T
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

45982 R: 6/11/24

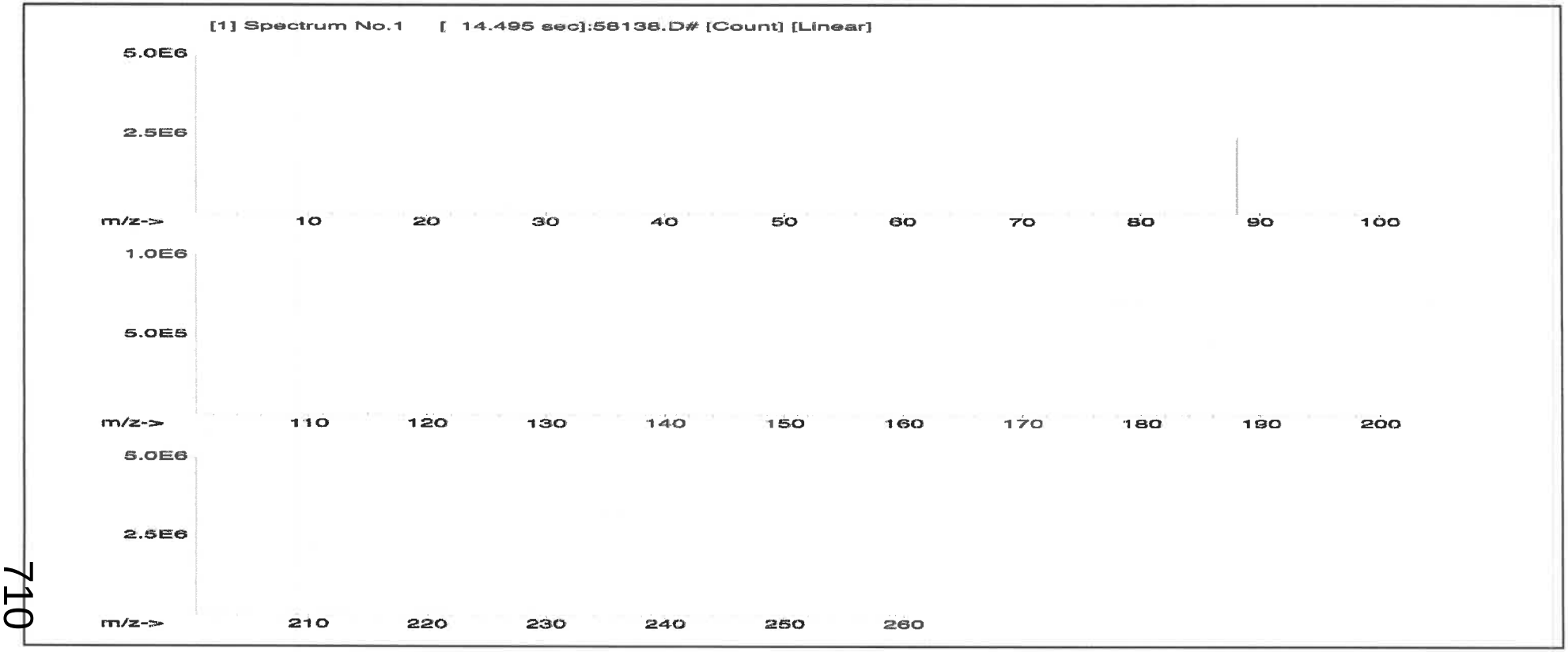
CERTIFIED WEIGHT REPORT:

Part Number: 57038
Lot Number: 031524
Description: Strontium (Sr)
Expiration Date: 031527
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.07

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
	5E-05	Balance Uncertainty	
	0.100	Flask Uncertainty	

Formulated By:	Benson Chan	031524
Reviewed By:	Pedro L. Rentas	031524

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	1000	99.997	0.10	41.2	4.85470	4.85502	**1000.1**	**2.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



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Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

711

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

M5983 R: 6/11/24

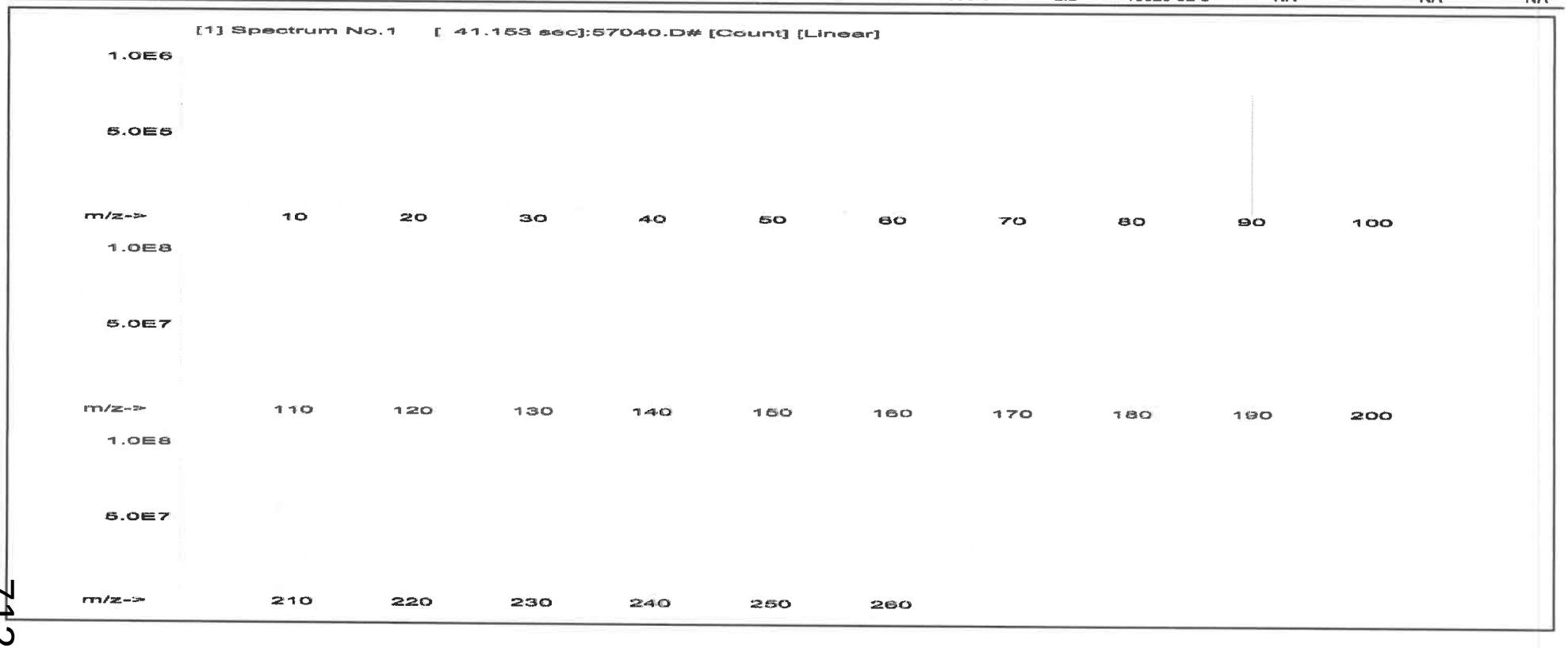
ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57040**	21110221	Nitric Acid	
Lot Number:	**071423**			
Description:	**Zirconium (Zr)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	071426			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan	071423
Reviewed By:	Pedro L. Rentas	071423

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zirconyl chloride octahydrate (Zr)	58140	070621	0.1000	200.0	0.084	1000	10000.3	**1000.0**	**2.2**	13520-92-8	NA	NA	NA



712

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	T

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

713

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800-368-1131
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Certified Reference Material CRM

R: 01/03/24 M6033

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

714

CERTIFIED WEIGHT REPORT:

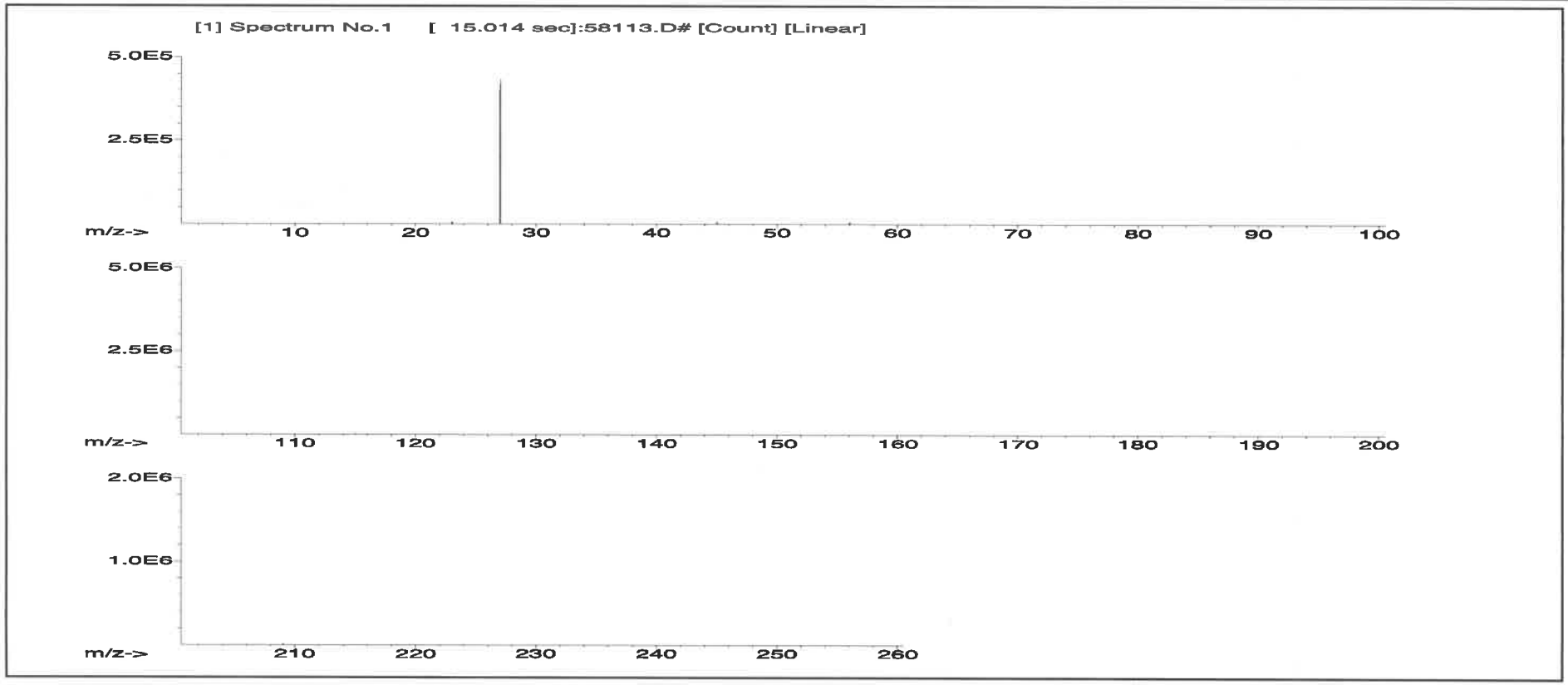
Part Number:	**58113**		**Solvent:**	20510011	Nitric Acid
Lot Number:	**011623**				
Description:	**Aluminum (Al)**				
			2%	40.0 (mL)	Nitric Acid
Expiration Date:	011626				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Lot #

Giovanni Esposito

Formulated By:	Giovanni Esposito	011623
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 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Received — 08/01/2024
paper
M6039
M6040

Material No.: 9530-33
Batch No.: 24D1562005
Manufactured Date: 2024-03-18
Retest Date: 2029-03-17
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (as HCl) (by acid-base titrn)	36.5 - 38.0 %	37.6 %
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Specific Gravity at 60°/60°F	1.185 - 1.192	1.192
ACS - Bromide (Br)	≤ 0.005 %	< 0.005 %
ACS - Extractable Organic Substances	≤ 5 ppm	< 1 ppm
ACS - Free Chlorine (as Cl_2)	≤ 0.5 ppm	< 0.5 ppm
Phosphate (PO_4)	≤ 0.05 ppm	0.03 ppm
Sulfate (SO_4)	≤ 0.5 ppm	< 0.3 ppm
Sulfite (SO_3)	≤ 0.8 ppm	0.3 ppm
Ammonium (NH_4)	≤ 3 ppm	< 1 ppm
Trace Impurities - Arsenic (As)	≤ 0.010 ppm	< 0.003 ppm
Trace Impurities - Aluminum (Al)	≤ 10.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities - Barium (Ba)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Beryllium (Be)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Bismuth (Bi)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities - Boron (B)	≤ 20.0 ppb	2.2 ppb
Trace Impurities - Cadmium (Cd)	≤ 1.0 ppb	< 1.0 ppb
Trace Impurities - Calcium (Ca)	≤ 50.0 ppb	31.0 ppb
Trace Impurities - Chromium (Cr)	≤ 1.0 ppb	0.5 ppb
Trace Impurities - Cobalt (Co)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gallium (Ga)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Germanium (Ge)	≤ 3.0 ppb	< 2.0 ppb
Trace Impurities - Gold (Au)	≤ 4.0 ppb	< 0.2 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities - Iron (Fe)	≤ 15 ppb	3 ppb

>>> Continued on page 2 >>>

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 386 1700

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.2 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	< 0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	0.2 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 1.0 ppb
Trace Impurities - Selenium (Se), For Information Only		< 1.0 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	< 10.0 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.0 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	< 0.9 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	< 0.4 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	0.2 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	< 0.1 ppb

>>> Continued on page 3 >>>

Hydrochloric Acid, 36.5-38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

Material No.: 9530-33
Batch No.: 24D1562005

Test	Specification	Result

For Laboratory,Research,or Manufacturing Use
Product Information (not specifications):
Appearance (clear, fuming liquid)
Meets ACS Specifications
Storage Condition: Store below 25 °C.

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

INORGANIC VENTURES™
Refine your results. Redefine your industry.

Certificate of Analysis

R 8/19/24, M60055

300 Technology Drive
Christiansburg, VA 24073 USA
inorganicventures.com

P: 800-669-6799/540-585-3030
F: 540-585-3012
info@inorganicventures.com

1.0 ACCREDITATION / REGISTRATION

INORGANIC VENTURES is accredited to ISO 17034, "General Requirements for the Competence of Reference Material Producers" and ISO/IEC 17025, "General Requirements for the Competence of Testing and Calibration Laboratories". Inorganic Ventures is also an ISO 9001 registered manufacturer (QSR Certificate Number QSR-1034).

ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	IV-STOCK-12
Lot Number:	U2-MEB734294
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	10 µg/mL ea:

Barium, Beryllium,
Bismuth, Cerium,
Cobalt, Indium,
Lithium, Nickel,
Lead, Uranium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Barium, Ba	10.01 ± 0.04 µg/mL	Beryllium, Be	10.01 ± 0.05 µg/mL
Bismuth, Bi	10.01 ± 0.06 µg/mL	Cerium, Ce	10.01 ± 0.04 µg/mL
Cobalt, Co	10.01 ± 0.05 µg/mL	Indium, In	10.01 ± 0.04 µg/mL
Lead, Pb	10.00 ± 0.04 µg/mL	Lithium, Li	10.01 ± 0.04 µg/mL
Nickel, Ni	10.01 ± 0.04 µg/mL	Uranium, U	10.01 ± 0.05 µg/mL

Density: 1.025 g/mL (measured at 20 ± 4 °C)

Assay Information:

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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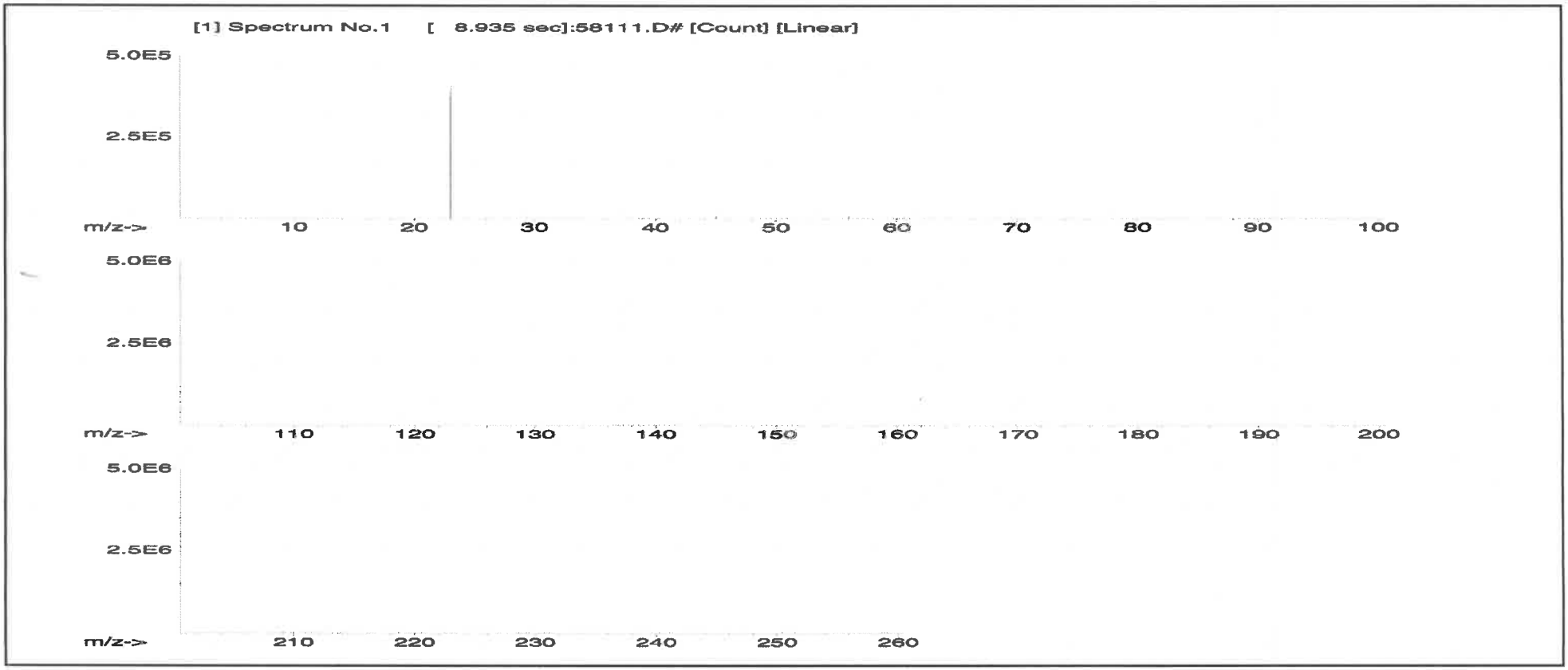
CERTIFIED WEIGHT REPORT:

Part Number:	**58111**		**Lot #**		
Lot Number:	**122223**	**Solvent:**	24002546	Nitric Acid	
Description:	**Sodium (Na)**				
		2%	60.0 (mL)	Nitric Acid	
Expiration Date:	122226				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	3000.4	0.06	Flask Uncertainty		

Aleah O'Brady

Formulated By:	Aleah O'Brady	122223
Reviewed By:	Pedro L. Rentas	122223

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Sodium nitrate (Na)	IN036	NAV012015I1	10000	99.999	0.10	26.9	111.5406	111.5479	**10000.7**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3430 mg/kg	3152a



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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

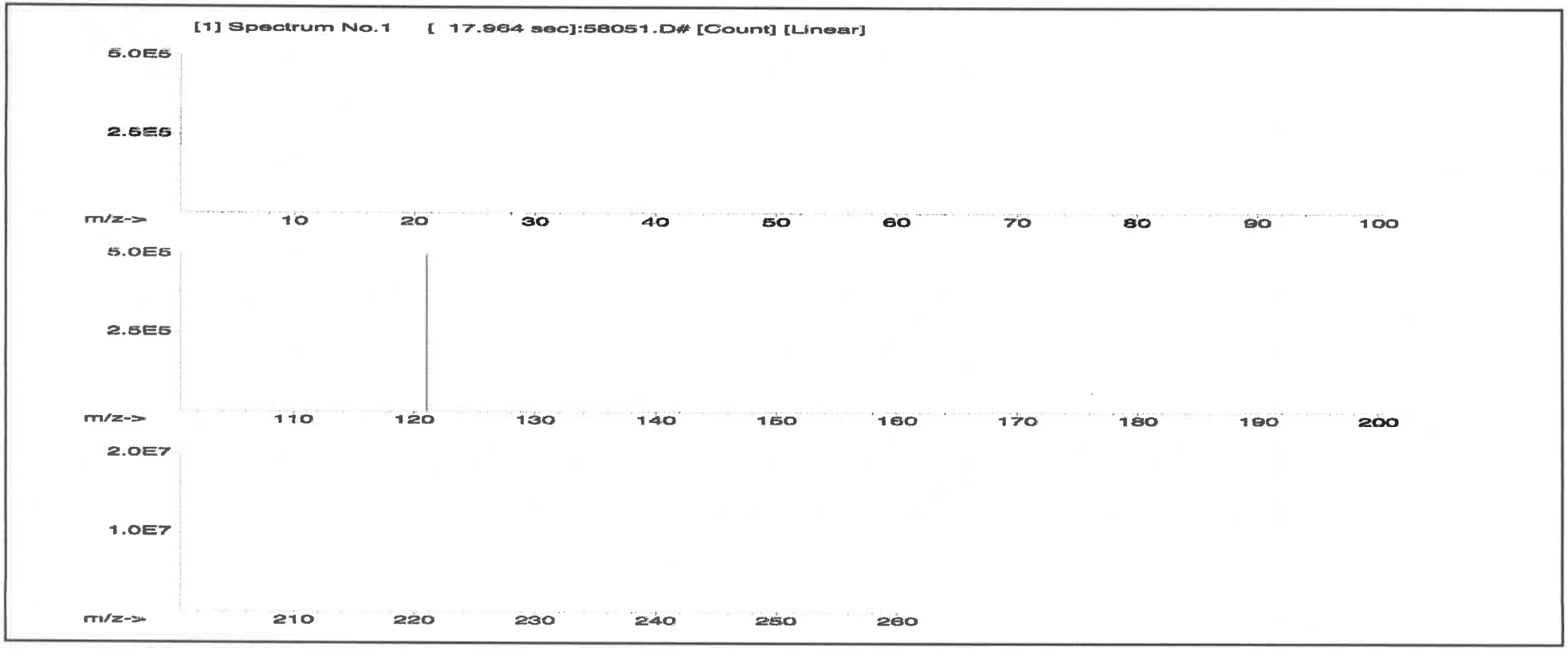
738

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



739

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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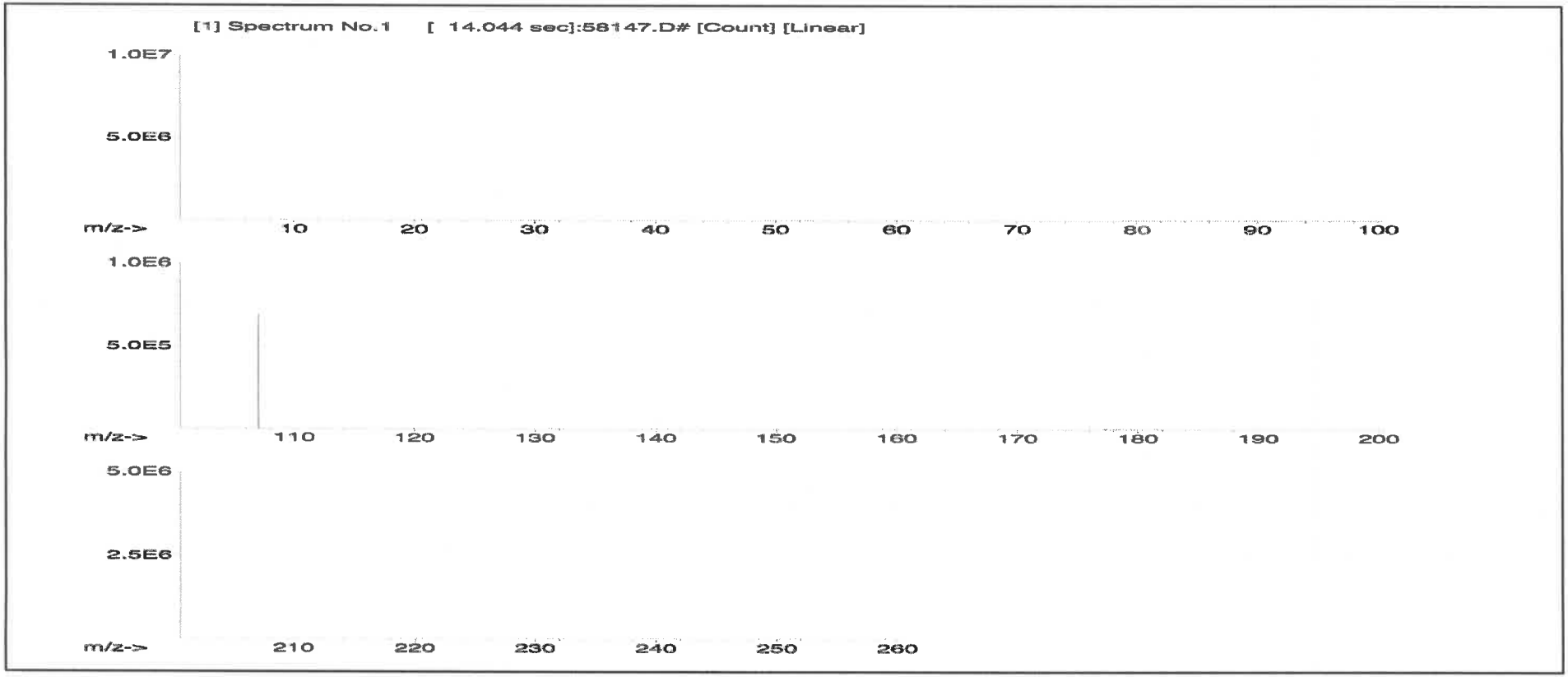
740

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



741

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

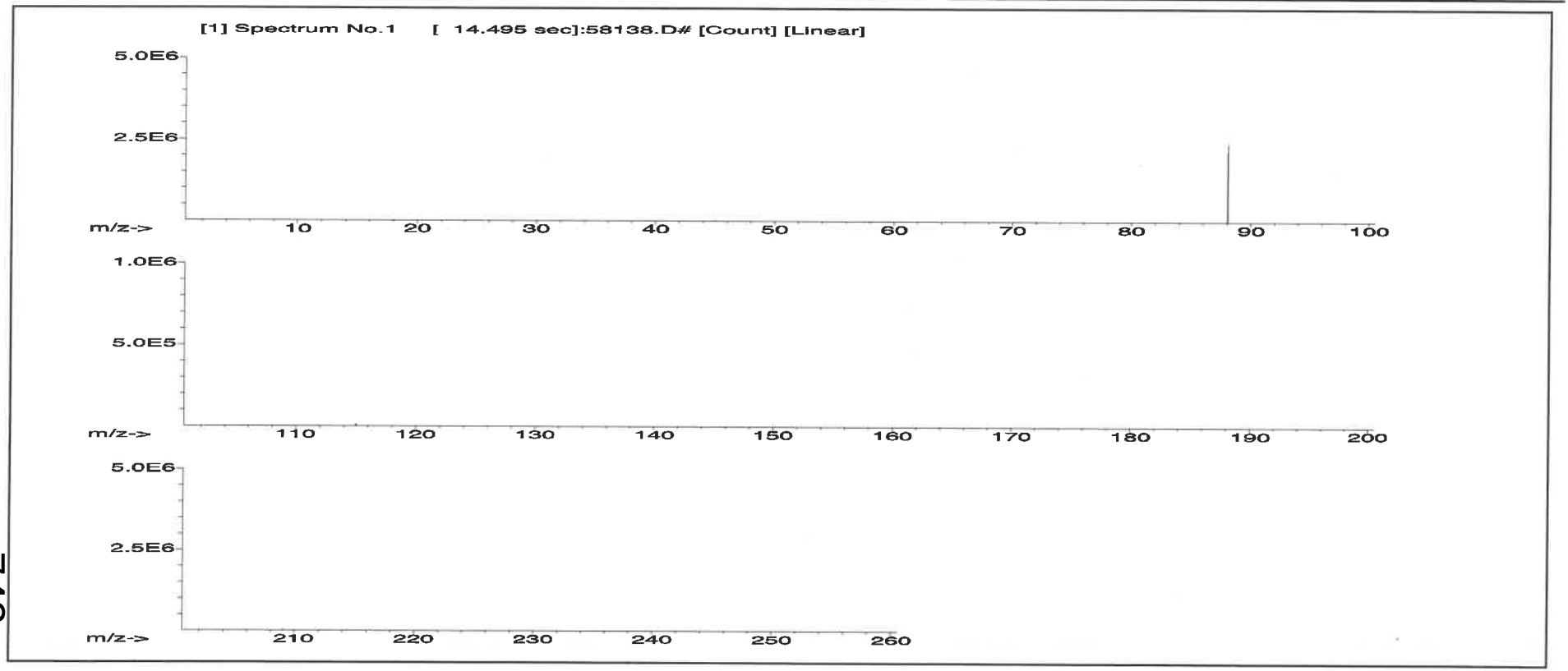
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CERTIFIED WEIGHT REPORT:

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



742

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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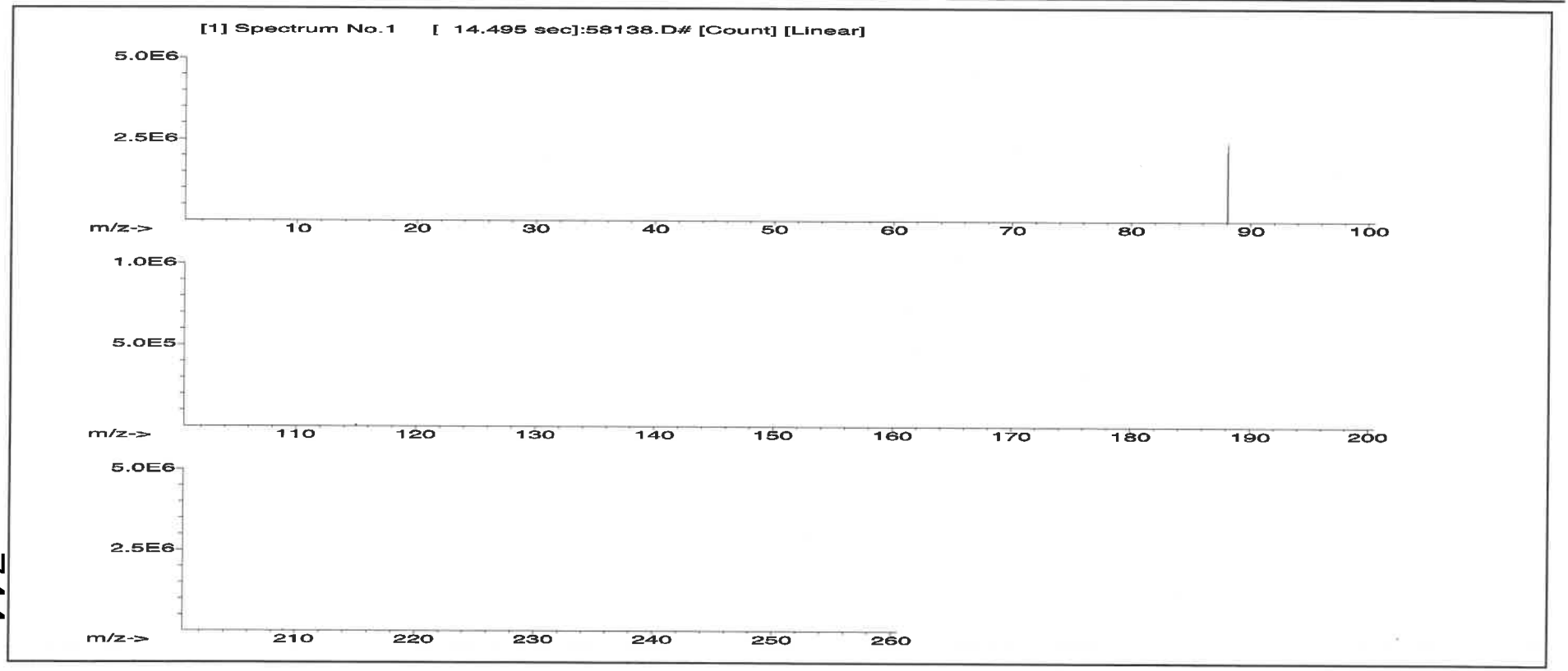
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CERTIFIED WEIGHT REPORT:

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



744

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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R ! 8/5/24

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746

CERTIFIED WEIGHT REPORT:

Part Number:	**57081**		**Lot #**		
Lot Number:	**062724**	**Solvent:**	24002546	Nitric Acid	
Description:	**Thallium (Tl)**				
		2%	40.0 (mL)	Nitric Acid	
Expiration Date:	062727				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.1	0.10	Flask Uncertainty		

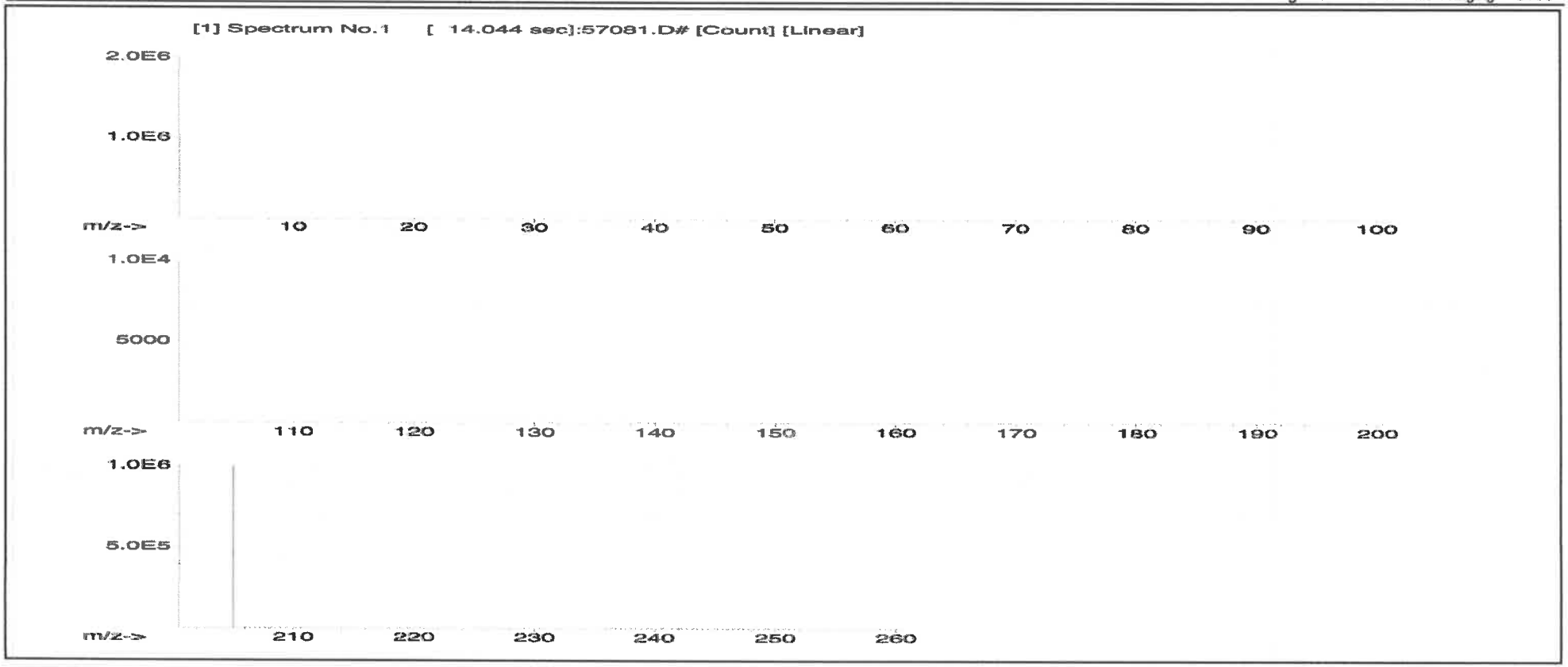
Aleah O'Brady

Formulated By:	Aleah O'Brady	062724

Pedro Rentas

Reviewed By:	Pedro L. Rentas	062724

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Thallium nitrate (Tl)	IN037	BCCF4399	1000	99.999	0.10	77.0	2.5975	2.5977	**1000.1**	**2.0**	10102-45-1	0.1 mg/m3	orl-mus 15mg/kg	3158



747

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

748

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	

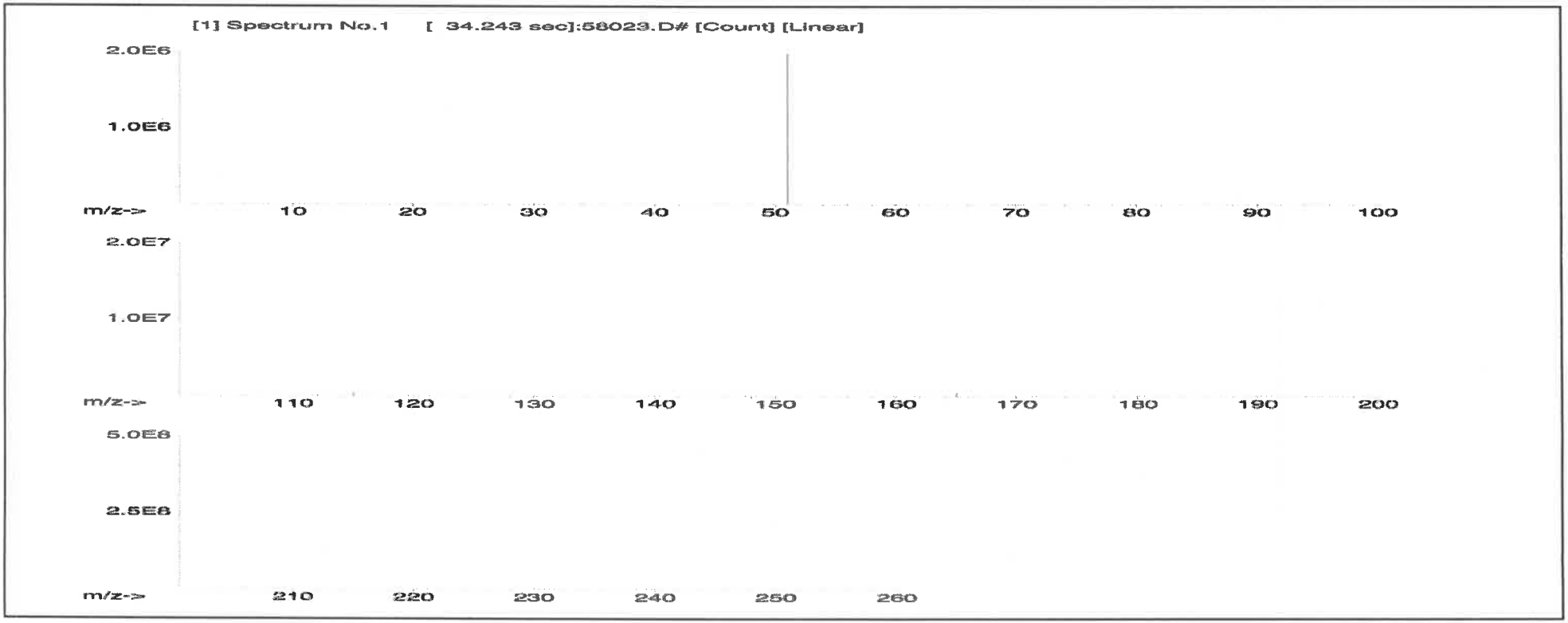
Aleah O'Brady

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



749

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.
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Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163705

SOP ID : M3050B-Digestion-20, MSFAM01.1-Metals ICPMS-2

SDG No : MYD4S8

Matrix : SOIL

Pippete ID: ICP A

Balance ID : M SC-2

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #2 2. N/A

Start Digest Date: 09/26/2024 **Time :** 14:00 **Temp :** 95 °C

End Digest Date: 09/26/2024 **Time :** 17:00 **Temp :** 95 °C

Digestion tube ID: M6054

Block thermometer ID: MET-DIG. #2

Dig Technician Signature: JPP

Supervisor Signature: SG

Temp : 1. 95°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00mL	MP82170
LCSSD	0.50ml	MP82170
Spike Sol 1	0.3mL,0.3mL,0.027mL	M5565,M5657,M5962
Spike Sol 2	1.5mL,1.5mL,0.135mL	M5565,M5657,M5962
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00ml	MP81119
1:1 HCL	5.00ml	MP82127
CONC: HNO3	5.00ml	M5965
30% H2O2	3.00ml	M5634
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK #2 CELL #34 : 95 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
9/26/24 17:10	JPP / Met dig.	SG / [illegible]
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Soil/Sludge Metals Preparation Sheet

PB163705

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P2810-01	MYD4G6	N/A	1.47	500	Brown	Yellow	Medium	N/A	N/A	1
P2810-01MS	MYD4G6MS RE JEP 9/26/24	N/A	1.47	500	Brown	Yellow	Mediem	N/A	M5565,M5657,M5962	2
~~P2810-01MSD~~	~~MYD4G6MSD~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~ JEP 9/26/24	N/A
P2810-02	MYD4G6D	N/A	1.43	500	Brown	Yellow	Medium	N/A	N/A	3
P2810-03	MYD4G6S	N/A	1.29	500	Brown	Yellow	Medium	N/A	M5565,M5657,M5962	4
P2810-04	MYD4S8	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	5
P2810-05	MYD4S9	N/A	1.41	500	Brown	Yellow	Medium	N/A	N/A	6
P2810-06	MYD4T0	N/A	1.44	500	Brown	Yellow	Medium	N/A	N/A	7
P2810-07	MYD4T1	N/A	1.40	500	Brown	Yellow	Medium	N/A	N/A	8
P2810-08	MYD4T2	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	9
P2810-09	MYD4T3	N/A	1.46	500	Brown	Yellow	Medium	N/A	N/A	10
P2810-10	MYD4T4	N/A	1.37	500	Brown	Yellow	Medium	N/A	N/A	11
P2810-11	MYD4T5	N/A	1.21	500	Brown	Yellow	Medium	N/A	N/A	12
P2810-12	MYD4T6	N/A	1.26	500	Brown	Yellow	Medium	N/A	N/A	13
P2810-13	MYD4T7	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	14
P2810-14	MYD4T8	N/A	130	500	Brown	Yellow	Medium	N/A	N/A	15
P2810-15	MYD4T9	N/A	1.24	500	Brown	Yellow	Medium	N/A	N/A	16
P2810-16	MYD4W0	N/A	1.33	500	Brown	Yellow	Medium	N/A	N/A	17
P2810-17	MYD4W1	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	18
P2810-18	MYD4W2	N/A	1.39	500	Brown	Yellow	Medium	N/A	N/A	19
P2810-19	MYD4W3	N/A	1.32	500	Brown	Yellow	Medium	N/A	N/A	20
P2810-20	MYD4W4	N/A	1.48	500	Brown	Yellow	Medium	N/A	N/A	21
P2810-21	MYD4W5	N/A	1.29	500	Brown	Yellow	Medium	N/A	N/A	22
P2810-22	MYD4W6	N/A	1.42	500	Brown	Yellow	Medium	N/A	N/A	23
PB163705BL	PBS705	N/A	1.00	500	colorless	colorless	fine	N/A	N/A	24
PB163705BS	LCS705	N/A	1.00	500	colorless	colorless	fine	N/A	MP82170	25
PB163705BSD	LCSD705	N/A	1.00	500	colorless	colorless	fine	N/A	MP82170	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 # LB132787

Review By	Sarabjit Jaswal	Review On	10/8/2024 1:16:56 AM
Supervise By	Mohan Bera	Supervise On	10/10/2024 7:41:11 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	TUNE011	TUNE	10/04/24 10:44		Jaswal	OK
2	S00	S0	CAL1	10/04/24 11:21		Jaswal	OK
3	S02	S02	CAL3	10/04/24 11:24		Jaswal	OK
4	S03	S03	CAL4	10/04/24 11:28		Jaswal	OK
5	S04	S04	CAL5	10/04/24 11:31		Jaswal	OK
6	S05	S05	CAL6	10/04/24 11:34		Jaswal	OK
7	S06	S06	CAL7	10/04/24 11:37		Jaswal	OK
8	S07	S07	CAL8	10/04/24 11:40		Jaswal	OK
9	S08	S08	CAL9	10/04/24 11:42		Jaswal	OK
10	ICV011	ICV011	ICV	10/04/24 11:48	Inst. pause for calibration review	Jaswal	OK
11	ICB011	ICB011	ICB	10/04/24 11:58	Inst. pause for review	Jaswal	OK
12	ICSA011	ICSA011	ICSA	10/04/24 12:01		Jaswal	OK
13	ICSAB011	ICSAB011	ICSAB	10/04/24 12:04		Jaswal	OK
14	CCV041	CCV041	CCV	10/04/24 12:07		Jaswal	OK
15	CCB041	CCB041	CCB	10/04/24 12:10		Jaswal	OK
16	PB163641BL	PBS641	MB	10/04/24 13:05	Not used	Jaswal	Not Ok
17	PB163641BS	LCS641	LCS	10/04/24 13:09	Not used	Jaswal	Not Ok
18	PB163641BSD	LCSD641	LCSD	10/04/24 13:12	Not used	Jaswal	Not Ok

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CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

19	PB163705BL	PBS705	MB	10/04/24 13:16		Jaswal	OK
20	PB163705BS	LCS705	LCS	10/04/24 13:19		Jaswal	OK
21	PB163705BSD	LCSD705	LCSD	10/04/24 13:22		Jaswal	OK
22	P2793-01	MYD442	SAM	10/04/24 13:37	Not used	Jaswal	Not Ok
23	P2793-02	MYD442D	DUP	10/04/24 13:40	Not used	Jaswal	Not Ok
24	P2793-01L	MYD442L	SD	10/04/24 13:43	Not used	Jaswal	Not Ok
25	P2793-03	MYD442S	MS	10/04/24 13:47	Not used	Jaswal	Not Ok
26	P2793-01MS	MYD442SRE	MS	10/04/24 13:50	Not used	Jaswal	Not Ok
27	P2793-04	MYD4M3	SAM	10/04/24 13:53	Not used	Jaswal	Not Ok
28	CCV042	CCV042	CCV	10/04/24 13:57		Jaswal	OK
29	CCB042	CCB042	CCB	10/04/24 14:00		Jaswal	OK
30	P2793-05	MYD4M4	SAM	10/04/24 14:03	Not used	Jaswal	Not Ok
31	P2793-06	MYD4M5	SAM	10/04/24 14:06	Not used	Jaswal	Not Ok
32	P2793-07	MYD4M6	SAM	10/04/24 14:10	Not used	Jaswal	Not Ok
33	P2793-08	MYD4M7	SAM	10/04/24 14:13	Not used	Jaswal	Not Ok
34	P2793-09	MYD4M8	SAM	10/04/24 14:16	Not used	Jaswal	Not Ok
35	P2793-10	MYD4M9	SAM	10/04/24 14:19	Not used	Jaswal	Not Ok
36	P2793-11	MYD4N0	SAM	10/04/24 14:22	Not used	Jaswal	Not Ok
37	P2793-12	MYD4N1	SAM	10/04/24 14:26	Not used	Jaswal	Not Ok
38	P2793-13	MYD4N2	SAM	10/04/24 14:29	Not used	Jaswal	Not Ok

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

39	P2793-14	MYD4N3	SAM	10/04/24 14:32	Not used	Jaswal	Not Ok
40	P2793-15	MYD4N4	SAM	10/04/24 14:35	Not used	Jaswal	Not Ok
41	P2793-16	MYD4N5	SAM	10/04/24 14:38	Not used	Jaswal	Not Ok
42	P2793-17	MYD4N6	SAM	10/04/24 14:41	Not used	Jaswal	Not Ok
43	P2793-18	MYD4N7	SAM	10/04/24 14:45	Not used	Jaswal	Not Ok
44	P2793-19	MYD4N8	SAM	10/04/24 14:48	Not used	Jaswal	Not Ok
45	P2793-20	MYD4P0	SAM	10/04/24 14:51	Not used	Jaswal	Not Ok
46	P2793-21	MYD4P1	SAM	10/04/24 14:54	Not used	Jaswal	Not Ok
47	P2793-22	MYD4P2	SAM	10/04/24 14:57	Not used	Jaswal	Not Ok
48	P2810-01	MYD4G6	SAM	10/04/24 15:01	Ba, Co, Ni,V , High in MS RE	Jaswal	Dilution
49	P2810-02	MYD4G6D	DUP	10/04/24 15:04	Ba, Co, Ni,V , High in MS RE	Jaswal	Dilution
50	P2810-01L	MYD4G6L	SD	10/04/24 15:07	Ba, Co, Ni,V , High in MS RE	Jaswal	Dilution
51	P2810-03	MYD4G6S	MS	10/04/24 15:10	Ba, Co, Ni,V , High in MS RE	Jaswal	Dilution
52	P2810-01MS	MYD4G6SRE	MS	10/04/24 15:13	Ba, Co, Ni,V , High	Jaswal	Dilution
53	P2810-04	MYD4S8	SAM	10/04/24 15:17		Jaswal	OK
54	P2810-05	MYD4S9	SAM	10/04/24 15:20		Jaswal	OK
55	CCV043	CCV043	CCV	10/04/24 15:23		Jaswal	OK
56	CCB043	CCB043	CCB	10/04/24 15:26		Jaswal	OK
57	P2810-06	MYD4T0	SAM	10/04/24 15:29		Jaswal	OK

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

58	P2810-07	MYD4T1	SAM	10/04/24 15:32		Jaswal	OK
59	P2810-08	MYD4T2	SAM	10/04/24 15:35		Jaswal	OK
60	P2810-09	MYD4T3	SAM	10/04/24 15:39		Jaswal	OK
61	P2810-10	MYD4T4	SAM	10/04/24 15:42		Jaswal	OK
62	P2810-11	MYD4T5	SAM	10/04/24 15:45		Jaswal	OK
63	P2810-12	MYD4T6	SAM	10/04/24 15:48		Jaswal	OK
64	P2810-13	MYD4T7	SAM	10/04/24 15:51		Jaswal	OK
65	P2810-14	MYD4T8	SAM	10/04/24 15:54		Jaswal	OK
66	P2810-15	MYD4T9	SAM	10/04/24 15:58		Jaswal	OK
67	P2810-16	MYD4W0	SAM	10/04/24 16:01		Jaswal	OK
68	P2810-17	MYD4W1	SAM	10/04/24 16:04		Jaswal	OK
69	P2810-18	MYD4W2	SAM	10/04/24 16:07		Jaswal	OK
70	P2810-19	MYD4W3	SAM	10/04/24 16:10		Jaswal	OK
71	P2810-20	MYD4W4	SAM	10/04/24 16:14		Jaswal	OK
72	P2810-21	MYD4W5	SAM	10/04/24 16:17		Jaswal	OK
73	P2810-22	MYD4W6	SAM	10/04/24 16:20		Jaswal	OK
74	CCV044	CCV044	CCV	10/04/24 16:27		Jaswal	OK
75	CCB044	CCB044	CCB	10/04/24 16:30		Jaswal	OK
76	P2810-01DL	MYD4G6	SAM	10/04/24 16:33	4X For Ba,Co,Ni,V	Jaswal	Confirms
77	P2810-02DL	MYD4G6D	DUP	10/04/24 16:36	4X For Ba,Co,Ni,V	Jaswal	Confirms

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ICV Standard	MP82578
CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

78	P2810-01LDL	MYD4G6L	SD	10/04/24 16:40	20X For Ba,Co,Ni,V	Jaswal	Confirms
79	P2810-03DL	MYD4G6S	MS	10/04/24 16:43	4X For Ba,Co,Ni,V	Jaswal	Confirms
80	P2810-01MSDL	MYD4G6SRE	MS	10/04/24 16:46	4X For Ba,Co,Ni,V	Jaswal	Confirms
81	P2793-01DL	MYD442	SAM	10/04/24 16:49	4X For Ba,Co,Ni,V	Jaswal	Confirms
82	P2793-02DL	MYD442D	DUP	10/04/24 16:53	4X For Ba,Co,Ni,V	Jaswal	Confirms
83	P2793-01LDL	MYD442L	SD	10/04/24 16:56	20X For Ba,Co,Ni,V	Jaswal	Confirms
84	P2793-03DL	MYD442S	MS	10/04/24 16:59	4X For Ba,Co,Ni,V	Jaswal	Confirms
85	P2793-01MSDL	MYD442SRE	MS	10/04/24 17:02	4X For Ba,Co,Ni,V	Jaswal	Confirms
86	CCV045	CCV045	CCV	10/04/24 17:06		Jaswal	OK
87	CCB045	CCB045	CCB	10/04/24 17:08		Jaswal	OK
88	PB163775BL	PBS775	MB	10/04/24 17:12		Jaswal	OK
89	PB163775BS	LCS775	LCS	10/04/24 17:15		Jaswal	OK
90	PB163775BSD	LCSD775	LCSD	10/04/24 17:18		Jaswal	OK
91	P2816-01RE	MYD4J8	SAM	10/04/24 17:22	Not Use	Jaswal	Not Ok
92	P2816-02RE	MYD4J8D	DUP	10/04/24 17:25	Not Use	Jaswal	Not Ok
93	P2816-01LRE	MYD4J8L	SD	10/04/24 17:28	Not Use	Jaswal	Not Ok
94	P2816-03RE	MYD4J8S	MS	10/04/24 17:31	Not Use	Jaswal	Not Ok
95	P8216-01MSRE	P8216-01MSRE	MS	10/04/24 17:35	Not Use	Jaswal	Not Ok
96	P2816-04	MYD548	SAM	10/04/24 17:38		Jaswal	OK
97	P2816-05	MYD549	SAM	10/04/24 17:41		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB132787

Review By	Sarabjit Jaswal	Review On	10/8/2024 1:16:56 AM
Supervise By	Mohan Bera	Supervise On	10/10/2024 7:41:11 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

98	P2816-06	MYD550	SAM	10/04/24 17:44		Jaswal	OK
99	P2816-07	MYD551	SAM	10/04/24 17:47		Jaswal	OK
100	P2816-08	MYD552	SAM	10/04/24 17:51		Jaswal	OK
101	P2816-09	MYD553	SAM	10/04/24 17:54		Jaswal	OK
102	P2816-10	MYD554	SAM	10/04/24 17:57		Jaswal	OK
103	P2816-11	MYD555	SAM	10/04/24 18:00		Jaswal	OK
104	P2816-12	MYD556	SAM	10/04/24 18:03		Jaswal	OK
105	P2816-13	MYD557	SAM	10/04/24 18:07		Jaswal	OK
106	P2816-14	MYD558	SAM	10/04/24 18:10		Jaswal	OK
107	P2816-15	MYD559	SAM	10/04/24 18:13		Jaswal	OK
108	P2816-16	MYD560	SAM	10/04/24 18:16		Jaswal	OK
109	P2816-17	MYD561	SAM	10/04/24 18:19		Jaswal	OK
110	P2816-18	MYD562	SAM	10/04/24 18:23		Jaswal	OK
111	P2816-19	MYD563	SAM	10/04/24 18:26		Jaswal	OK
112	P2816-20	MYD564	SAM	10/04/24 18:29		Jaswal	OK
113	P2816-21	MYD565	SAM	10/04/24 18:32		Jaswal	OK
114	P2816-22	MYD566	SAM	10/04/24 18:35		Jaswal	OK
115	CCV046	CCV046	CCV	10/04/24 18:38		Jaswal	OK
116	CCB046	CCB046	CCB	10/04/24 18:41		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P7

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CCV Standard	MP82579
ICSA Standard	MP82580,MP82581
CRI Standard	
LCS Standard	MP82583
Chk Standard	MP82587,MP82586

117	P2816-01	MYD4J8	SAM	10/04/24 18:45	Ba, Co,Ni, V High in MS RE	Jaswal	Dilution
118	P2816-02	MYD4J8D	DUP	10/04/24 18:48	Ba, Co,Ni, V High in MS RE	Jaswal	Dilution
119	P2816-01L	MYD4J8L	SD	10/04/24 18:51	Ba, Co,Ni, V High in MS RE	Jaswal	Dilution
120	P2816-01MS	MYD4J8SRE	MS	10/04/24 18:54	MS Fail For (Sb,cd,Se,Tl-Below RL),As(68.86ppb),pb(41.02 ppb) Ba, Co,Ni, V High, Ba, Co,Ni, V High	Jaswal	Dilution
121	P2816-03	MYD4J8S	MS	10/04/24 18:57	Ba, Co,Ni, V High in MSRE	Jaswal	Dilution
122	P2816-01DL	MYD4J8	SAM	10/04/24 19:09	4X For Ba,Co,Ni,V	Jaswal	Confirms
123	P2816-02DL	MYD4J8D	DUP	10/04/24 19:12	4X For Ba,Co,Ni,V	Jaswal	Confirms
124	P2816-01LDL	MYD4J8L	SD	10/04/24 19:15	20X For Ba,Co,Ni,V	Jaswal	Confirms
125	P2816-01MSDL	MYD4J8SRE	MS	10/04/24 19:18	4X For Ba,Co,Ni,V	Jaswal	Confirms
126	P2816-03DL	MYD4J8S	MS	10/04/24 19:22	4X For Ba,Co,Ni,V	Jaswal	Confirms
127	CCV047	CCV047	CCV	10/04/24 19:25		Jaswal	OK
128	CCB047	CCB047	CCB	10/04/24 19:28		Jaswal	OK

ORIGIN ID:MSCA (480) 477-4900
CAROLINA GUIJARRO
WESTON SOLUTIONS
105 SOUTH ALARCO STREET
APARTMENT #6
PRESCOTT, AZ 85284
UNITED STATES US

SHIP DATE: 07JUN24
ACTWGT: 60.00 LB
CAD: 110555859/INET4730
DIMS: 25x14x15 IN

BILL SENDER

TO **SOHIL JODHANI**
ALLIANCE TECHNICAL GROUP LLC
284 SHEFFIELD ST
MOUNTAINSIDE NJ 07092
(908) 789-8900
INV:
PO:
REF: W3150.1.043.09MX.A.K0P551.0700
DEPT:

6/10/24
854

23.1

598J3/6CA9/9AE3

FedEx Express

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TRK# 0201 **7767 4270 8250**

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MON - 10 JUN 10:30A
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583J3/6CA9/9AE3

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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 :	P2810	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 8:29:15 AM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P2810-01	MYD4G6	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
P2810-02	MYD4G6D	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
P2810-03	MYD4G6S	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
P2810-04	MYD4S8	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
P2810-05	MYD4S9	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
P2810-06	MYD4T0	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
P2810-07	MYD4T1	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
P2810-08	MYD4T2	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
P2810-09	MYD4T3	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
P2810-10	MYD4T4	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
P2810-11	MYD4T5	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
P2810-12	MYD4T6	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
P2810-13	MYD4T7	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
P2810-14	MYD4T8	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
P2810-15	MYD4T9	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
P2810-16	MYD4W0	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
P2810-17	MYD4W1	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
P2810-18	MYD4W2	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
P2810-19	MYD4W3	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
P2810-20	MYD4W4	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
P2810-21	MYD4W5	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
P2810-22	MYD4W6	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 : PB163705 **WorkList ID :** 183859 **Department :** Digestion **Date :** 09-26-2024 09:54:05

764

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2810-01	MYD4G6	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-02	MYD4G6D	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-03	MYD4G6S	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-04	MYD4S8	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-05	MYD4S9	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-06	MYD4T0	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-07	MYD4T1	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-08	MYD4T2	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-09	MYD4T3	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-10	MYD4T4	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-11	MYD4T5	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-12	MYD4T6	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-13	MYD4T7	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-14	MYD4T8	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-15	MYD4T9	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-16	MYD4W0	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-17	MYD4W1	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-18	MYD4W2	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-19	MYD4W3	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-20	MYD4W4	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS
P2810-21	MYD4W5	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS

Date/Time 9/26/24 11:00

Raw Sample Received by: Jgp (Metdiq)

Raw Sample Relinquished by: JWM/SM

Date/Time 9/26/24 12:00

Raw Sample Received by: JWM/SM

Raw Sample Relinquished by: Jgp (Metdiq)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB163705 **WorkList ID :** 183859 **Department :** Digestion **Date :** 09-26-2024 09:54:05

765

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2810-22	MYD4W6	Solid	Metals CLP MS FULL	1:1 HNO3 to pH < 2	USEP01	Q11	06/05/2024	SFAM_MS

Date/Time 9/26/24 11:00

Raw Sample Received by: jgp (Met dig)

Raw Sample Relinquished by: JM (SM)

Date/Time 9/26/24 12:00

Raw Sample Received by: JM (SM)

Raw Sample Relinquished by: jgp (Met dig)