SDG COVER PAGE

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

Lab Code: ACE Case No.: 51495 MA No.: 3208.0 SDG No.: MYD542

SOW No. : SFAM01.1

EPA Sample No.	Lab Sample Id	Analysis Method ICP-AES	ICP-MS	Mercury	Cyanide
MYD542	P2825-01	X			
MYD542D	P2825-02	X			
MYD542S	P2825-03	X			
MYD5P9	P2825-04	X			
MYD5Q0	P2825-05	X			
MYD5Q1	P2825-06	X			
MYD5Q2	P2825-07	X			
MYD5Q3	P2825-08	X			
MYD5Q4	P2825-09	X			
MYD5Q5	P2825-10	X			
MYD5Q6	P2825-11	X			
MYD5Q7	P2825-12	X			
MYD5Q8	P2825-13	X			
MYD5Q9	P2825-14	X			
MYD5R0	P2825-15	X			
MYD5R1	P2825-16	X			
MYD5R2	P2825-17	X			
MYD5G8	P2825-18	X			
MYD5G9	P2825-19	X			
MYD5H0	P2825-20	X			
MYD5H1	P2825-21	X			

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

Signature: _____ Name: _____

Date: _____ Title: _____

68HERH20D0011 SDG # MYD542

USEPA CLP COC (LAB COPY)
DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 4279 6255

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-063

No: 9-060624-113929-0063
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
2119A_2119B-Y-00009-01	MYD535	Soil/ REAC	Grab	ICP-AES 11(21)	9-3663 (None) (1)	2119A_2119B-Y-00009	06/05/2024 09:47	
2119A_2119B-Y-00005-03	MYD536	Soil/ REAC	Grab	ICP-AES 11(21)	9-3664 (None) (1)	2119A_2119B-Y-00005	06/05/2024 09:48	
2119A_2119B-BB-00004-01	MYD537	Soil/ REAC	Grab	ICP-AES 11(21)	9-3665 (None) (1)	2119A_2119B-BB-00004	06/05/2024 09:51	
2119A_2119B-BB-00001-01	MYD538	Soil/ REAC	Grab	ICP-AES 11(21)	9-3666 (None) (1)	2119A_2119B-BB-00001	06/05/2024 09:53	
2119A_2119B-Y-00001-01	MYD539	Soil/ REAC	Grab	ICP-AES 11(21)	9-3667 (None) (1)	2119A_2119B-Y-00001	06/05/2024 09:56	
2119A_2119B-BB-00005-01	MYD540	Soil/ REAC	Grab	ICP-AES 11(21)	9-3668 (None) (1)	2119A_2119B-BB-00005	06/05/2024 09:55	
2119A_2119B-N-00001-01	MYD541	Soil/ REAC	Grab	ICP-AES 11(21)	9-3669 (None) (1)	2119A_2119B-N-00001	06/05/2024 08:49	
2119A_2119B-O-00008-03	MYD542	Soil/ REAC	Grab	ICP-AES 11(21)	9-3670 (None) (1)	2119A_2119B-O-00008	06/05/2024 08:49	- QC
2119A_2119B-O-00001-01	MYD543	Soil/ REAC	Grab	ICP-AES 11(21)	9-3671 (None) (1)	2119A_2119B-O-00001	06/05/2024 08:52	
2119A_2119B-N-00003-01	MYD544	Soil/ REAC	Grab	ICP-AES 11(21)	9-3672 (None) (1)	2119A_2119B-N-00003	06/05/2024 08:53	

Sample(s) to be used for Lab QC: 2119A_2119B-Y-00005-03 Tag 9-3664, 2119A_2119B-O-00008-03 Tag 9-3670 - 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 Cyarro Weston	6/7/2024 15:00		6-10-24 0854	21.9°C Tal Rcvd Yel custody seals intact no temp BLK.

USEPA CLP COC (LAB COPY)
DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 6242 3713

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-067

No: 9-060724-134231-0067
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

3

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
1915-F-0006-01	MYD5P9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3903 (None) (1)	1915-F-0006	06/06/2024 09:07	2
1915-E-0006-01	MYD5Q0	Soil/ ERT	Grab	ICP-AES 11(21)	9-3904 (None) (1)	1915-E-0006	06/06/2024 09:16	3
1915-C-0002-01	MYD5Q1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3905 (None) (1)	1915-C-0002	06/06/2024 09:36	4
1915-F-0001-01	MYD5Q2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3906 (None) (1)	1915-F-0001	06/06/2024 09:21	5
1915-C-0003-01	MYD5Q3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3907 (None) (1)	1915-C-0003	06/06/2024 09:49	6
1915-C-0006-01	MYD5Q4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3908 (None) (1)	1915-C-0006	06/06/2024 09:47	7
1915-E-0005-01	MYD5Q5	Soil/ ERT	Grab	ICP-AES 11(21)	9-3909 (None) (1)	1915-E-0005	06/06/2024 09:47	8
1915-C-0007-01	MYD5Q6	Soil/ ERT	Grab	ICP-AES 11(21)	9-3910 (None) (1)	1915-C-0007	06/06/2024 09:46	9
1915-E-0007-02	MYD5Q7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3911 (None) (1)	1915-E-0007	06/06/2024 09:45	10
1915-E-0007-01	MYD5Q8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3912 (None) (1)	1915-E-0007	06/06/2024 09:44	11
1915-C-0004-01	MYD5Q9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3913 (None) (1)	1915-C-0004	06/06/2024 09:42	12
1915-C-0001-01	MYD5R0	Soil/ ERT	Grab	ICP-AES 11(21)	9-3914 (None) (1)	1915-C-0001	06/06/2024 09:42	13
1915-E-0002-01	MYD5R1	Soil/ ERT	Grab	ICP-AES 11(21)	9-3915 (None) (1)	1915-E-0002	06/06/2024 09:40	14
1915-B-0004-02	MYD5R2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3916 (None) (1)	1915-B-0004	06/06/2024 09:24	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	Courier Weston	6/7/2024 15:00		854 6/10/24	ZR Cooler #1 2.1° Custody Seal Intact NO Temp Blank

USEPA CLP COC (LAB COPY)
DateShipped: 6/7/2024
CarrierName: FedEx
AirbillNo: 7767 6247 8710

CHAIN OF CUSTODY RECORD

Case #: 51495
Cooler #: 51495-066

No: 9-060724-134228-0066
Lab: Alliance Technical Group LLC
Lab Contact: Mohammad Ahmed
Lab Phone: 908-728-3151

4

Sample Identifier	CLP Sample No.	Matrix/Sampler	Coll. Method	Analysis/Turnaround (Days)	Tag/Preservative/Bottles	Location	Collection Date/Time	For Lab Use Only
2313-A-004-01	MYD5G8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3832 (None) (1)	2313-A-004	06/06/2024 14:11	✓
2323-A-002-01	MYD5G9	Soil/ REAC	Grab	ICP-AES 11(21)	9-3833 (None) (1)	2323-A-002	06/06/2024 14:40	✓
2323-A-003-01	MYD5H0	Soil/ ERT	Grab	ICP-AES 11(21)	9-3834 (None) (1)	2323-A-003	06/06/2024 14:39	✓
2323-A-005-01	MYD5H1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3835 (None) (1)	2323-A-005	06/06/2024 14:39	✓
2323-A-001-03	MYD5H2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3836 (None) (1)	2323-A-001	06/06/2024 14:37	•
2323-A-004-03	MYD5H3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3837 (None) (1)	2323-A-004	06/06/2024 14:36	A – QC (1)
90180-S004-01	MYD5H4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3838 (None) (1)	90180-S004	06/06/2024 12:21	
90180-S002-01	MYD5H5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3839 (None) (1)	90180-S002	06/06/2024 12:19	
90180-001-01	MYD5H6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3840 (None) (1)	90180-001	06/06/2024 12:18	
90180-S003-01	MYD5H7	Soil/ REAC	Grab	ICP-AES 11(21)	9-3841 (None) (1)	90180-S003	06/06/2024 12:15	
90180-S001-01	MYD5H8	Soil/ REAC	Grab	ICP-AES 11(21)	9-3842 (None) (1)	90180-S001	06/06/2024 12:12	
90324-A-004-01	MYD5H9	Soil/ ERT	Grab	ICP-AES 11(21)	9-3843 (None) (1)	90324-A-004	06/06/2024 14:55	
90324-A-001-01	MYD5J0	Soil/ ERT	Grab	ICP-AES 11(21)	9-3844 (None) (1)	90324-A-001	06/06/2024 15:00	
90324-A-005-01	MYD5J1	Soil/ REAC	Grab	ICP-AES 11(21)	9-3845 (None) (1)	90324-A-005	06/06/2024 14:59	
90324-A-003-01	MYD5J2	Soil/ REAC	Grab	ICP-AES 11(21)	9-3846 (None) (1)	90324-A-003	06/06/2024 14:58	
90324-A-002-01	MYD5J3	Soil/ REAC	Grab	ICP-AES 11(21)	9-3847 (None) (1)	90324-A-002	06/06/2024 14:55	
90379-C-0008-01	MYD5J4	Soil/ REAC	Grab	ICP-AES 11(21)	9-3848 (None) (1)	90379-C-0008	06/06/2024 08:08	
90379-A-0006-01	MYD5J5	Soil/ REAC	Grab	ICP-AES 11(21)	9-3849 (None) (1)	90379-A-0006	06/06/2024 08:03	
90379-A-0003-01	MYD5J6	Soil/ REAC	Grab	ICP-AES 11(21)	9-3850 (None) (1)	90379-A-0003	06/06/2024 08:18	

Sample(s) to be used for Lab QC: 2323-A-001-03 Tag 9-3836, 2323-A-004-03 Tag 9-3837 - 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	Cervonne Cayetano Weston	6/7/2024 15:00		6-10-24 0854	20.8°C DR QUAL #1
					custody seals intact
					NO Temp Blk.

FORM DC-1

SAMPLE LOG-IN SHEET

Lab Name : Alliance Technical Group, LLC		Page 1 of 3
Received By (Print Name) George Nesmith		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD542	MA No. 3208.0

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.	776742796255 1
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	21.9 Degree C
8. Sample Condition	Intact
9. Sample Tags Sample Tag Numbers	Absent Listed on Traffic Report
10. Does information on Traffic Reports/Chain of Custody Records and Sample Tags agree ?	Yes
11. Date Received at Lab	06/10/2024
12. Time Received	08:54

	EPA Sample #	Aqueous/ Water Sample pH	Corresponding Sample Tag #	Corresponding Assigned Lab #	Remarks: Condition of Sample Shipment, etc.
1	MYD542	N/A	9-3670	P2825-01	Intact
2	MYD542D	N/A	9-3670	P2825-02	Intact
3	MYD542S	N/A	9-3670	P2825-03	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 3
Received By (Print Name)		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD542	MA No. 3208.0

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.	776762423713 2
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	21.1 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	MYD5P9	N/A	9-3903	P2825-04	Intact
2	MYD5Q0	N/A	9-3904	P2825-05	Intact
3	MYD5Q1	N/A	9-3905	P2825-06	Intact
4	MYD5Q2	N/A	9-3906	P2825-07	Intact
5	MYD5Q3	N/A	9-3907	P2825-08	Intact
6	MYD5Q4	N/A	9-3908	P2825-09	Intact
7	MYD5Q5	N/A	9-3909	P2825-10	Intact
8	MYD5Q6	N/A	9-3910	P2825-11	Intact
9	MYD5Q7	N/A	9-3911	P2825-12	Intact
10	MYD5Q8	N/A	9-3912	P2825-13	Intact
11	MYD5Q9	N/A	9-3913	P2825-14	Intact
12	MYD5R0	N/A	9-3914	P2825-15	Intact
13	MYD5R1	N/A	9-3915	P2825-16	Intact
14	MYD5R2	N/A	9-3916	P2825-17	Intact
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 3 of 3
Received By (Print Name) GORGE NEGRON		Log-in Date **6/10/2024**
Received By (Signature)		
Case Number 51495	SDG No. MYD542	MA No. 3208.0

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.	776762478710 3
6. Shipping Container Temperature Indicator Bottle	Absent
7. Shipping Container Temperature	20.8 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	MYD5G8	N/A	9-3832	P2825-18	Intact
2	MYD5G9	N/A	9-3833	P2825-19	Intact
3	MYD5H0	N/A	9-3834	P2825-20	Intact
4	MYD5H1	N/A	9-3835	P2825-21	Intact
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-2
COMPLETE SDG FILE (CSF) INVENTORY SHEET

LAB NAME	**Alliance Technical Group, LLC**		
LAB CODE	**ACE**		
CONTRACT NO.	**68HERH20D0011**		
CASE NO.	**51495**	SDG NO.	**MYD542**
MA NO.	**3208.0**	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	7	✓	
4. CSF Inventory Sheet (DC-2)	8	10	✓	
5. SDG Narrative	11	15	✓	
6. Communication Logs	16	19	✓	
7. Percent Solids Log	20	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	22	40	✓	
9. Instrument raw data by instrument in analysis order	41	885	✓	
Other Data				
10. Standard and Reagent Preparation Logs	886	1006	✓	
11. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	1007	1008	✓	
12. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	1009	1033	✓	
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	NA	NA	✓	
18. Instrument raw data by instrument in analysis order	NA	NA	✓	
Other Data				
19. Standard and Reagent Preparation Logs	NA	NA	✓	
20. Original Preparation and Cleanup forms or copies of Preparation and Cleanup Logbooks	NA	NA	✓	
21. Original Analysis or Instrument Run forms or copies of Analysis or Instrument Logbooks	NA	NA	✓	

	PAGE NOs: FROM	PAGE NOs: TO	CHECK LAB	CHECK REGION
22. Performance Evaluation (PE)/Proficiency Testing (PT) Sample Instructions	NA	NA	✓	
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 3)	1034	1036	✓	
Sample Tags	NA	NA	✓	
Sample Log-In Sheet (Lab)	1037	1038	✓	
45. Misc. Shipping/Receiving Records(list all individual records)				
	NA	NA	✓	
46. Internal Lab Sample Transfer Records and Tracking Sheets (describe or list)				
	1039	1039	✓	
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)

CHEMTECH
Alliance Technical Group LLC
284 Sheffield Street
Mountainside, NJ 07092

SDG NARRATIVE

USEPA
SDG # MYD542
CASE # 51495
CONTRACT # 68HERH20D0011
SOW# SFAM01.1
LAB NAME: Alliance Technical Group, LLC
LAB CODE: ACE
CHEMTECH PROJECT #P2825
MODIFIED ANALYSIS#3208.0

A. Number of Samples and Date of Receipt

19 Soil samples were delivered to the laboratory intact on 06/10/2024.

B. Parameters

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

C. Cooler Temp

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

Cooler: 21.9^{o}C, 21.1^{o}C, 20.8^{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.

Inter Element correction factors (IECs) are determined annually and correction factor are applied during ICP-AES analysis.

G. Calculation:

Calculation for ICP-AES Soil Sample:

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

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

Where,

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

Example Calculation For Sample MYD542 For Barium:

If C = 0.9907125 ppm
Vf = 100 ml
W = 1.29g
S = 0.982(98.2/100)
DF = 1

$$\text{Concentration (mg/kg)} = 0.9907125 \times \frac{100}{1.29 \times 0.982} \times 1$$

$$= 78.207 \text{ mg/kg}$$

$$= 78 \text{ mg/kg (Reported Result with Signification)}$$

CHEMTECH
Alliance Technical Group LLC
284 Sheffield Street
Mountainside, NJ 07092

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 except for Arsenic, Copper, Selenium, Silver, Zinc. Duplicate sample did meet requirements. Serial Dilution did meet requirements.

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: 02/14/2024	**MA:** 3208.0	**Title:** ICP-AES Analysis Plus Molybdenum
Method Source: SFAM01.1	**Method:** ICP-AES	
Matrix: Aqueous/Water, Soil/Sediment		

Summary of Modification

The purpose of this modified analysis is to analyze aqueous/water and soil/sediment samples by ICP-AES for the Target Analytes with the addition of the non-routine analyte Molybdenum (Mo). 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** ☐

Analyte	CAS Number	CRQL (µg/L)	CRQL (mg/kg)	Spike (µg/L)	Spike (mg/kg)
Molybdenum (Mo)	7439-98-7	10	5.0	100	50

II. Calibration and QC Requirements **Not applicable** ☐

The Laboratory shall:

- Ensure that Method Detection Limits have been determined for Mo in aqueous/water and soil/sediment matrices by the preparation and analysis methods used for the samples that meet all applicable SOW requirements.
- Perform the Initial Calibration with a blank and at least one non-blank standard at or below the modified CRQL adjusted to µg/L as necessary.
- Add Mo to the ICV and CCV at appropriate mid-point concentrations.
- Evaluate the ICB and CCB against the modified aqueous CRQL.
- Evaluate the Preparation Blanks using the appropriate modified CRQL.
- Prepare the Matrix Spikes at the modified levels. Post-Digestion Spike requirements are per the SOW.
- Flag the Duplicates based on the appropriate modified CRQL.
- Add Mo to the LCS at 2 times the appropriate modified CRQL.
- Note that the Laboratory is not required to add Mo to the ICSA/ICSAB solutions. The Laboratory shall use a true value of zero (0) and acceptance windows of +/- 1x the CRQL, unless a non-zero value has been determined for the solutions.

III. Preparation and Method Modifications **Not applicable** ☒

IV. Special Reporting Requirements **Not applicable** ☐

The Laboratory shall:

- Add Mo to Form 1.
- Report the "J" and "U" qualifiers in accordance with the requirements in Exhibit B, Section 3.4.3.2.4.2, using the modified CRQLs.
- Ensure that the SDG Narrative is updated as stated in the SOW, including any technical and administrative problems encountered and the corrective actions taken. These problems may include interference problems encountered during analysis, dilutions, re-analyses, 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 with the SDG Narrative.

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

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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

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

This Message Is From an External Sender

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Good afternoon,

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

Thanks & Regards,

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

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

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Good afternoon,

What was the temperature of the cooler upon arrival?

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

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

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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: 6/13/2024

OVENTEMP IN Celsius(°C): 107
Time IN: 14:50
In Date: 06/12/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:11
Out Date: 06/13/2024
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB131196

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
P2825-01	MYD542	1	1.18	8.52	9.7	9.55	98.2	
P2825-02	MYD542D	2	1.18	8.52	9.7	9.55	98.2	
P2825-03	MYD542S	3	1.18	8.52	9.7	9.55	98.2	
P2825-04	MYD5P9	4	1.17	8.64	9.81	9.65	98.1	
P2825-05	MYD5Q0	5	1.15	8.40	9.55	9.3	97.0	
P2825-06	MYD5Q1	6	1.18	8.66	9.84	9.57	96.9	
P2825-07	MYD5Q2	7	1.18	8.57	9.75	9.55	97.7	
P2825-08	MYD5Q3	8	1.18	8.73	9.91	9.63	96.8	
P2825-09	MYD5Q4	9	1.18	8.37	9.55	9.27	96.7	
P2825-10	MYD5Q5	10	1.19	8.63	9.82	9.58	97.2	
P2825-11	MYD5Q6	11	1.18	8.59	9.77	9.54	97.3	
P2825-12	MYD5Q7	12	1.17	8.36	9.53	9.13	95.2	
P2825-13	MYD5Q8	13	1.18	8.63	9.81	9.44	95.7	
P2825-14	MYD5Q9	14	1.18	8.35	9.53	9.24	96.5	
P2825-15	MYD5R0	15	1.18	8.40	9.58	9.4	97.9	
P2825-16	MYD5R1	16	1.19	8.53	9.72	9.38	96.0	
P2825-17	MYD5R2	17	1.19	8.48	9.67	9.39	96.7	
P2825-18	MYD5G8	18	1.18	8.40	9.58	9.36	97.4	
P2825-19	MYD5G9	19	1.19	8.47	9.66	9.34	96.2	
P2825-20	MYD5H0	20	1.15	8.82	9.97	9.75	97.5	
P2825-21	MYD5H1	21	1.18	8.36	9.54	9.36	97.8	

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

WORKLIST(Hardcopy Internal Chain)

VB131196

WorkList Name : %1-p2825 **WorkList ID :** 181017 **Department :** Wet-Chemistry **Date :** 06-12-2024 13:30:34

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2825-01	MYD542	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2825-02	MYD542D	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2825-03	MYD542S	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/05/2024	Chemtech -SO
P2825-04	MYD5P9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-05	MYD5Q0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-06	MYD5Q1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-07	MYD5Q2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-08	MYD5Q3	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-09	MYD5Q4	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-10	MYD5Q5	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-11	MYD5Q6	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-12	MYD5Q7	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-13	MYD5Q8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-14	MYD5Q9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-15	MYD5R0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-16	MYD5R1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-17	MYD5R2	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-18	MYD5G8	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-19	MYD5G9	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-20	MYD5H0	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO
P2825-21	MYD5H1	Solid	Percent Solids	Cool 4 deg C	USEP01	Q11	06/06/2024	Chemtech -SO

Date/Time 06/12/24 14:10

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

Date/Time 06/12/24 15:00

Raw Sample Received by: [illegible]

Raw Sample Relinquished by: [illegible]

EPA SAMPLE NO.

MYD542

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-01

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.52	J	06/29/2024	0214
7440-38-2	Arsenic	21	*	06/29/2024	0214
7440-39-3	Barium	78		06/29/2024	0214
7440-41-7	Beryllium	0.30	J	06/29/2024	0214
7440-43-9	Cadmium	0.80		06/29/2024	0214
7440-47-3	Chromium	8.7		06/29/2024	0214
7440-48-4	Cobalt	9.6		06/29/2024	0214
7440-50-8	Copper	31	*	06/29/2024	0214
7439-92-1	Lead	27		06/29/2024	0214
7439-96-5	Manganese	490		06/29/2024	0214
7439-98-7	Molybdenum	4.0	U	06/29/2024	0214
7440-02-0	Nickel	13		06/29/2024	0214
7782-49-2	Selenium	2.8	U*	06/29/2024	0214
7440-22-4	Silver	0.79	U*	06/29/2024	0214
7440-28-0	Thallium	2.0	U	06/29/2024	0214
7440-62-2	Vanadium	23		06/29/2024	0214
7440-66-6	Zinc	86	*	06/29/2024	0214

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

Comments:

EPA SAMPLE NO.

MYD5G8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-18

% Solids: 97.4 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	0.92	J	06/29/2024	0356
7440-38-2	Arsenic	15	*	06/29/2024	0356
7440-39-3	Barium	150		06/29/2024	0356
7440-41-7	Beryllium	0.54		06/29/2024	0356
7440-43-9	Cadmium	0.65		06/29/2024	0356
7440-47-3	Chromium	91		06/29/2024	0356
7440-48-4	Cobalt	10		06/29/2024	0356
7440-50-8	Copper	26	*	06/29/2024	0356
7439-92-1	Lead	24		06/29/2024	0356
7439-96-5	Manganese	520		06/29/2024	0356
7439-98-7	Molybdenum	0.36	J	06/29/2024	0356
7440-02-0	Nickel	36		06/29/2024	0356
7782-49-2	Selenium	3.6	U*	06/29/2024	0356
7440-22-4	Silver	1.0	U*	06/29/2024	0356
7440-28-0	Thallium	2.5	U	06/29/2024	0356
7440-62-2	Vanadium	26		06/29/2024	0356
7440-66-6	Zinc	85	*	06/29/2024	0356

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

Comments:

EPA SAMPLE NO.

MYD5G9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-19

% Solids: 96.2 Date Received: 06/10/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.74	J	06/29/2024	0400
7440-38-2	Arsenic	18	*	06/29/2024	0400
7440-39-3	Barium	150		06/29/2024	0400
7440-41-7	Beryllium	0.54		06/29/2024	0400
7440-43-9	Cadmium	0.94		06/29/2024	0400
7440-47-3	Chromium	19		06/29/2024	0400
7440-48-4	Cobalt	16		06/29/2024	0400
7440-50-8	Copper	51	*	06/29/2024	0400
7439-92-1	Lead	41		06/29/2024	0400
7439-96-5	Manganese	660		06/29/2024	0400
7439-98-7	Molybdenum	5.1	U	06/29/2024	0400
7440-02-0	Nickel	25		06/29/2024	0400
7782-49-2	Selenium	3.6	U*	06/29/2024	0400
7440-22-4	Silver	1.0	U*	06/29/2024	0400
7440-28-0	Thallium	2.6	U	06/29/2024	0400
7440-62-2	Vanadium	36		06/29/2024	0400
7440-66-6	Zinc	93	*	06/29/2024	0400

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

Comments:

EPA SAMPLE NO.

MYD5H0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-20

% Solids: 97.5 Date Received: 06/10/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.60	J	06/29/2024	0405
7440-38-2	Arsenic	12	*	06/29/2024	0405
7440-39-3	Barium	120		06/29/2024	0405
7440-41-7	Beryllium	0.42		06/29/2024	0405
7440-43-9	Cadmium	0.62		06/29/2024	0405
7440-47-3	Chromium	12		06/29/2024	0405
7440-48-4	Cobalt	10		06/29/2024	0405
7440-50-8	Copper	35	*	06/29/2024	0405
7439-92-1	Lead	39		06/29/2024	0405
7439-96-5	Manganese	510		06/29/2024	0405
7439-98-7	Molybdenum	4.1	U	06/29/2024	0405
7440-02-0	Nickel	16		06/29/2024	0405
7782-49-2	Selenium	2.9	U*	06/29/2024	0405
7440-22-4	Silver	0.83	U*	06/29/2024	0405
7440-28-0	Thallium	2.1	U	06/29/2024	0405
7440-62-2	Vanadium	27		06/29/2024	0405
7440-66-6	Zinc	70	*	06/29/2024	0405

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

Comments:

EPA SAMPLE NO.

MYD5H1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-21

% Solids: 97.8 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	J	06/29/2024	0409
7440-38-2	Arsenic	23	*	06/29/2024	0409
7440-39-3	Barium	150		06/29/2024	0409
7440-41-7	Beryllium	0.55		06/29/2024	0409
7440-43-9	Cadmium	1.1		06/29/2024	0409
7440-47-3	Chromium	17		06/29/2024	0409
7440-48-4	Cobalt	15		06/29/2024	0409
7440-50-8	Copper	49	*	06/29/2024	0409
7439-92-1	Lead	69		06/29/2024	0409
7439-96-5	Manganese	630		06/29/2024	0409
7439-98-7	Molybdenum	4.2	U	06/29/2024	0409
7440-02-0	Nickel	21		06/29/2024	0409
7782-49-2	Selenium	2.9	U*	06/29/2024	0409
7440-22-4	Silver	0.84	U*	06/29/2024	0409
7440-28-0	Thallium	2.1	U	06/29/2024	0409
7440-62-2	Vanadium	35		06/29/2024	0409
7440-66-6	Zinc	120	*	06/29/2024	0409

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

Comments:

EPA SAMPLE NO.

MYD5P9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-04

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.59	J	06/29/2024	0232
7440-38-2	Arsenic	25	*	06/29/2024	0232
7440-39-3	Barium	150		06/29/2024	0232
7440-41-7	Beryllium	0.28	J	06/29/2024	0232
7440-43-9	Cadmium	0.65		06/29/2024	0232
7440-47-3	Chromium	20		06/29/2024	0232
7440-48-4	Cobalt	13		06/29/2024	0232
7440-50-8	Copper	28	*	06/29/2024	0232
7439-92-1	Lead	10		06/29/2024	0232
7439-96-5	Manganese	1100		06/29/2024	0232
7439-98-7	Molybdenum	4.3	U	06/29/2024	0232
7440-02-0	Nickel	21		06/29/2024	0232
7782-49-2	Selenium	3.0	U*	06/29/2024	0232
7440-22-4	Silver	0.86	U*	06/29/2024	0232
7440-28-0	Thallium	2.2	U	06/29/2024	0232
7440-62-2	Vanadium	39		06/29/2024	0232
7440-66-6	Zinc	42	*	06/29/2024	0232

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

Comments:

EPA SAMPLE NO.

MYD5Q0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-05

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

Analytical Method: ICP_AES

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	1.5	J	06/29/2024	0236
7440-38-2	Arsenic	51	*	06/29/2024	0236
7440-39-3	Barium	210		06/29/2024	0236
7440-41-7	Beryllium	0.47		06/29/2024	0236
7440-43-9	Cadmium	1.1		06/29/2024	0236
7440-47-3	Chromium	33		06/29/2024	0236
7440-48-4	Cobalt	25		06/29/2024	0236
7440-50-8	Copper	50	*	06/29/2024	0236
7439-92-1	Lead	16		06/29/2024	0236
7439-96-5	Manganese	1300		06/29/2024	0236
7439-98-7	Molybdenum	4.4	U	06/29/2024	0236
7440-02-0	Nickel	47		06/29/2024	0236
7782-49-2	Selenium	3.1	U*	06/29/2024	0236
7440-22-4	Silver	0.88	U*	06/29/2024	0236
7440-28-0	Thallium	2.2	U	06/29/2024	0236
7440-62-2	Vanadium	72		06/29/2024	0236
7440-66-6	Zinc	51	*	06/29/2024	0236

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

Comments:

EPA SAMPLE NO.

MYD5Q1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-06

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.97	J	06/29/2024	0241
7440-38-2	Arsenic	36	*	06/29/2024	0241
7440-39-3	Barium	280		06/29/2024	0241
7440-41-7	Beryllium	0.30	J	06/29/2024	0241
7440-43-9	Cadmium	0.81		06/29/2024	0241
7440-47-3	Chromium	32		06/29/2024	0241
7440-48-4	Cobalt	19		06/29/2024	0241
7440-50-8	Copper	39	*	06/29/2024	0241
7439-92-1	Lead	13		06/29/2024	0241
7439-96-5	Manganese	2100		06/29/2024	0241
7439-98-7	Molybdenum	4.0	U	06/29/2024	0241
7440-02-0	Nickel	33		06/29/2024	0241
7782-49-2	Selenium	2.8	U*	06/29/2024	0241
7440-22-4	Silver	0.80	U*	06/29/2024	0241
7440-28-0	Thallium	2.0	U	06/29/2024	0241
7440-62-2	Vanadium	52		06/29/2024	0241
7440-66-6	Zinc	54	*	06/29/2024	0241

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

Comments:

EPA SAMPLE NO.

MYD5Q2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-07

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.4	J	06/29/2024	0245
7440-38-2	Arsenic	37	*	06/29/2024	0245
7440-39-3	Barium	190		06/29/2024	0245
7440-41-7	Beryllium	0.35	J	06/29/2024	0245
7440-43-9	Cadmium	1.2		06/29/2024	0245
7440-47-3	Chromium	39		06/29/2024	0245
7440-48-4	Cobalt	19		06/29/2024	0245
7440-50-8	Copper	67	*	06/29/2024	0245
7439-92-1	Lead	22		06/29/2024	0245
7439-96-5	Manganese	1300		06/29/2024	0245
7439-98-7	Molybdenum	3.7	U	06/29/2024	0245
7440-02-0	Nickel	38		06/29/2024	0245
7782-49-2	Selenium	2.6	U*	06/29/2024	0245
7440-22-4	Silver	0.74	U*	06/29/2024	0245
7440-28-0	Thallium	1.9	U	06/29/2024	0245
7440-62-2	Vanadium	59		06/29/2024	0245
7440-66-6	Zinc	94	*	06/29/2024	0245

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

Comments:

EPA SAMPLE NO.

MYD5Q3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-08

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

Analytical Method: ICP_AES

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	J	06/29/2024	0249
7440-38-2	Arsenic	33	*	06/29/2024	0249
7440-39-3	Barium	320		06/29/2024	0249
7440-41-7	Beryllium	0.32	J	06/29/2024	0249
7440-43-9	Cadmium	0.73		06/29/2024	0249
7440-47-3	Chromium	28		06/29/2024	0249
7440-48-4	Cobalt	20		06/29/2024	0249
7440-50-8	Copper	36	*	06/29/2024	0249
7439-92-1	Lead	12		06/29/2024	0249
7439-96-5	Manganese	2200		06/29/2024	0249
7439-98-7	Molybdenum	4.4	U	06/29/2024	0249
7440-02-0	Nickel	38		06/29/2024	0249
7782-49-2	Selenium	3.1	U*	06/29/2024	0249
7440-22-4	Silver	0.88	U*	06/29/2024	0249
7440-28-0	Thallium	2.2	U	06/29/2024	0249
7440-62-2	Vanadium	51		06/29/2024	0249
7440-66-6	Zinc	52	*	06/29/2024	0249

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

Comments:

EPA SAMPLE NO.

MYD5Q4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-09

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	3.3	J	06/29/2024	0254
7440-38-2	Arsenic	170	*	06/29/2024	0254
7440-39-3	Barium	130		06/29/2024	0254
7440-41-7	Beryllium	0.26	J	06/29/2024	0254
7440-43-9	Cadmium	1.0		06/29/2024	0254
7440-47-3	Chromium	250		06/29/2024	0254
7440-48-4	Cobalt	31		06/29/2024	0254
7440-50-8	Copper	67	*	06/29/2024	0254
7439-92-1	Lead	4.4		06/29/2024	0254
7439-96-5	Manganese	2100		06/29/2024	0254
7439-98-7	Molybdenum	4.5	U	06/29/2024	0254
7440-02-0	Nickel	150		06/29/2024	0254
7782-49-2	Selenium	3.2	U*	06/29/2024	0254
7440-22-4	Silver	0.90	U*	06/29/2024	0254
7440-28-0	Thallium	2.3	U	06/29/2024	0254
7440-62-2	Vanadium	80		06/29/2024	0254
7440-66-6	Zinc	54	*	06/29/2024	0254

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

Comments:

EPA SAMPLE NO.

MYD5Q5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-10

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.4	J	06/29/2024	0307
7440-38-2	Arsenic	41	*	06/29/2024	0307
7440-39-3	Barium	260		06/29/2024	0307
7440-41-7	Beryllium	0.47		06/29/2024	0307
7440-43-9	Cadmium	1.3		06/29/2024	0307
7440-47-3	Chromium	28		06/29/2024	0307
7440-48-4	Cobalt	22		06/29/2024	0307
7440-50-8	Copper	73	*	06/29/2024	0307
7439-92-1	Lead	30		06/29/2024	0307
7439-96-5	Manganese	1800		06/29/2024	0307
7439-98-7	Molybdenum	4.7	U	06/29/2024	0307
7440-02-0	Nickel	39		06/29/2024	0307
7782-49-2	Selenium	3.3	U*	06/29/2024	0307
7440-22-4	Silver	0.94	U*	06/29/2024	0307
7440-28-0	Thallium	2.4	U	06/29/2024	0307
7440-62-2	Vanadium	71		06/29/2024	0307
7440-66-6	Zinc	69	*	06/29/2024	0307

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

Comments:

EPA SAMPLE NO.

MYD5Q6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-11

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

Analytical Method: ICP_AES

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	06/29/2024	0311
7440-38-2	Arsenic	36	*	06/29/2024	0311
7440-39-3	Barium	360		06/29/2024	0311
7440-41-7	Beryllium	0.24	J	06/29/2024	0311
7440-43-9	Cadmium	0.79		06/29/2024	0311
7440-47-3	Chromium	21		06/29/2024	0311
7440-48-4	Cobalt	18		06/29/2024	0311
7440-50-8	Copper	29	*	06/29/2024	0311
7439-92-1	Lead	27		06/29/2024	0311
7439-96-5	Manganese	4100	D	06/29/2024	1900
7439-98-7	Molybdenum	4.4	U	06/29/2024	0311
7440-02-0	Nickel	30		06/29/2024	0311
7782-49-2	Selenium	3.1	U*	06/29/2024	0311
7440-22-4	Silver	0.89	U*	06/29/2024	0311
7440-28-0	Thallium	0.64	J	06/29/2024	0311
7440-62-2	Vanadium	46		06/29/2024	0311
7440-66-6	Zinc	44	*	06/29/2024	0311

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

Comments:

EPA SAMPLE NO.

MYD5Q7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-12

% Solids: 95.2 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	06/29/2024	0330
7440-38-2	Arsenic	25	*	06/29/2024	0330
7440-39-3	Barium	230		06/29/2024	0330
7440-41-7	Beryllium	0.28	J	06/29/2024	0330
7440-43-9	Cadmium	0.43	J	06/29/2024	0330
7440-47-3	Chromium	15		06/29/2024	0330
7440-48-4	Cobalt	13		06/29/2024	0330
7440-50-8	Copper	25	*	06/29/2024	0330
7439-92-1	Lead	8.0		06/29/2024	0330
7439-96-5	Manganese	1800		06/29/2024	0330
7439-98-7	Molybdenum	5.1	U	06/29/2024	0330
7440-02-0	Nickel	21		06/29/2024	0330
7782-49-2	Selenium	3.5	U*	06/29/2024	0330
7440-22-4	Silver	1.0	U*	06/29/2024	0330
7440-28-0	Thallium	2.5	U	06/29/2024	0330
7440-62-2	Vanadium	45		06/29/2024	0330
7440-66-6	Zinc	37	*	06/29/2024	0330

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

Comments:

EPA SAMPLE NO.

MYD5Q8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-13

% Solids: 95.7 Date Received: 06/10/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.3	J	06/29/2024	0334
7440-38-2	Arsenic	42	*	06/29/2024	0334
7440-39-3	Barium	540		06/29/2024	0334
7440-41-7	Beryllium	0.38		06/29/2024	0334
7440-43-9	Cadmium	1.1		06/29/2024	0334
7440-47-3	Chromium	25		06/29/2024	0334
7440-48-4	Cobalt	28		06/29/2024	0334
7440-50-8	Copper	39	*	06/29/2024	0334
7439-92-1	Lead	22		06/29/2024	0334
7439-96-5	Manganese	5500	D	06/29/2024	1904
7439-98-7	Molybdenum	3.8	U	06/29/2024	0334
7440-02-0	Nickel	39		06/29/2024	0334
7782-49-2	Selenium	2.7	U*	06/29/2024	0334
7440-22-4	Silver	0.76	U*	06/29/2024	0334
7440-28-0	Thallium	1.9	U	06/29/2024	0334
7440-62-2	Vanadium	57		06/29/2024	0334
7440-66-6	Zinc	70	*	06/29/2024	0334

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

Comments:

EPA SAMPLE NO.

MYD5Q9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-14

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

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.97	J	06/29/2024	0339
7440-38-2	Arsenic	41	*	06/29/2024	0339
7440-39-3	Barium	200		06/29/2024	0339
7440-41-7	Beryllium	0.65		06/29/2024	0339
7440-43-9	Cadmium	1.1		06/29/2024	0339
7440-47-3	Chromium	29		06/29/2024	0339
7440-48-4	Cobalt	21		06/29/2024	0339
7440-50-8	Copper	60	*	06/29/2024	0339
7439-92-1	Lead	28		06/29/2024	0339
7439-96-5	Manganese	1500		06/29/2024	0339
7439-98-7	Molybdenum	4.2	U	06/29/2024	0339
7440-02-0	Nickel	36		06/29/2024	0339
7782-49-2	Selenium	3.0	U*	06/29/2024	0339
7440-22-4	Silver	0.84	U*	06/29/2024	0339
7440-28-0	Thallium	2.1	U	06/29/2024	0339
7440-62-2	Vanadium	54		06/29/2024	0339
7440-66-6	Zinc	60	*	06/29/2024	0339

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

Comments:

EPA SAMPLE NO.

MYD5R0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-15

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

Analytical Method: ICP_AES

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	J	06/29/2024	0343
7440-38-2	Arsenic	31	*	06/29/2024	0343
7440-39-3	Barium	310		06/29/2024	0343
7440-41-7	Beryllium	0.47	J	06/29/2024	0343
7440-43-9	Cadmium	1.2		06/29/2024	0343
7440-47-3	Chromium	27		06/29/2024	0343
7440-48-4	Cobalt	20		06/29/2024	0343
7440-50-8	Copper	62	*	06/29/2024	0343
7439-92-1	Lead	34		06/29/2024	0343
7439-96-5	Manganese	2100		06/29/2024	0343
7439-98-7	Molybdenum	5.0	U	06/29/2024	0343
7440-02-0	Nickel	32		06/29/2024	0343
7782-49-2	Selenium	3.5	U*	06/29/2024	0343
7440-22-4	Silver	1.0	U*	06/29/2024	0343
7440-28-0	Thallium	2.5	U	06/29/2024	0343
7440-62-2	Vanadium	57		06/29/2024	0343
7440-66-6	Zinc	74	*	06/29/2024	0343

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

Comments:

EPA SAMPLE NO.

MYD5R1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-16

% Solids: 96 Date Received: 06/10/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.2	J	06/29/2024	0347
7440-38-2	Arsenic	44	*	06/29/2024	0347
7440-39-3	Barium	230		06/29/2024	0347
7440-41-7	Beryllium	0.44		06/29/2024	0347
7440-43-9	Cadmium	1.0		06/29/2024	0347
7440-47-3	Chromium	29		06/29/2024	0347
7440-48-4	Cobalt	25		06/29/2024	0347
7440-50-8	Copper	45	*	06/29/2024	0347
7439-92-1	Lead	13		06/29/2024	0347
7439-96-5	Manganese	1100		06/29/2024	0347
7439-98-7	Molybdenum	3.5	U	06/29/2024	0347
7440-02-0	Nickel	41		06/29/2024	0347
7782-49-2	Selenium	2.5	U*	06/29/2024	0347
7440-22-4	Silver	0.70	U*	06/29/2024	0347
7440-28-0	Thallium	1.8	U	06/29/2024	0347
7440-62-2	Vanadium	65		06/29/2024	0347
7440-66-6	Zinc	45	*	06/29/2024	0347

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

Comments:

EPA SAMPLE NO.

MYD5R2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD542

Matrix: SOIL Lab Sample ID: P2825-17

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

Analytical Method: ICP_AES

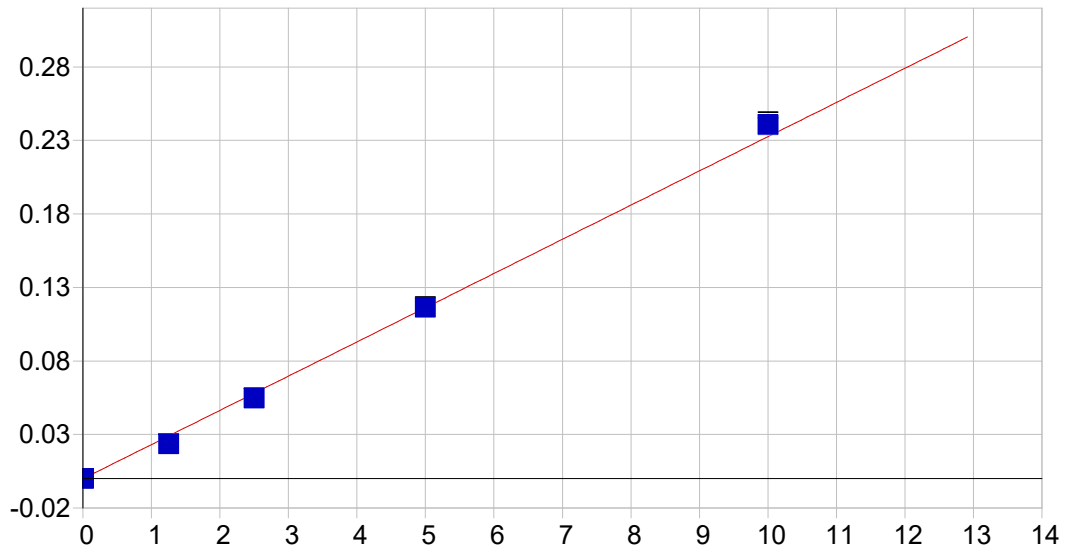
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.0	J	06/29/2024	0352
7440-38-2	Arsenic	38	*	06/29/2024	0352
7440-39-3	Barium	580		06/29/2024	0352
7440-41-7	Beryllium	0.30	J	06/29/2024	0352
7440-43-9	Cadmium	0.78		06/29/2024	0352
7440-47-3	Chromium	25		06/29/2024	0352
7440-48-4	Cobalt	23		06/29/2024	0352
7440-50-8	Copper	35	*	06/29/2024	0352
7439-92-1	Lead	20		06/29/2024	0352
7439-96-5	Manganese	6500	D	06/29/2024	1909
7439-98-7	Molybdenum	4.4	U	06/29/2024	0352
7440-02-0	Nickel	36		06/29/2024	0352
7782-49-2	Selenium	3.1	U*	06/29/2024	0352
7440-22-4	Silver	0.88	U*	06/29/2024	0352
7440-28-0	Thallium	0.84	J	06/29/2024	0352
7440-62-2	Vanadium	56		06/29/2024	0352
7440-66-6	Zinc	60	*	06/29/2024	0352

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

Comments:

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



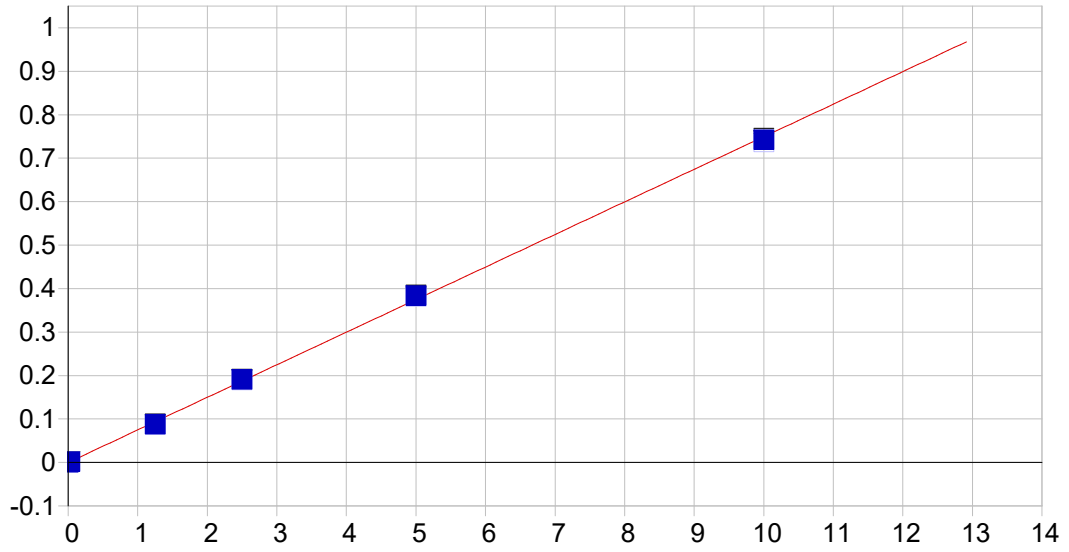
As 189.042 {479}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000131	Re-Slope:	1.000000
A1 (Gain):	0.023271	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998322	Status:	OK.
Std Error of Est:	0.000023		
Predicted MDL:	0.004947		
Predicted MQL:	0.016491		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00013	.000	1
S1	.01000	.01074	.001	7.38	.00012	.000	1
S2	1.2500	1.0213	-.229	-18.3	.02358	.000	1
S3	2.5000	2.3568	-.143	-5.73	.05460	.000	1
S4	5.0000	5.0146	.015	.292	.11634	.000	1
S5	10.000	10.357	.357	3.57	.24043	.002	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



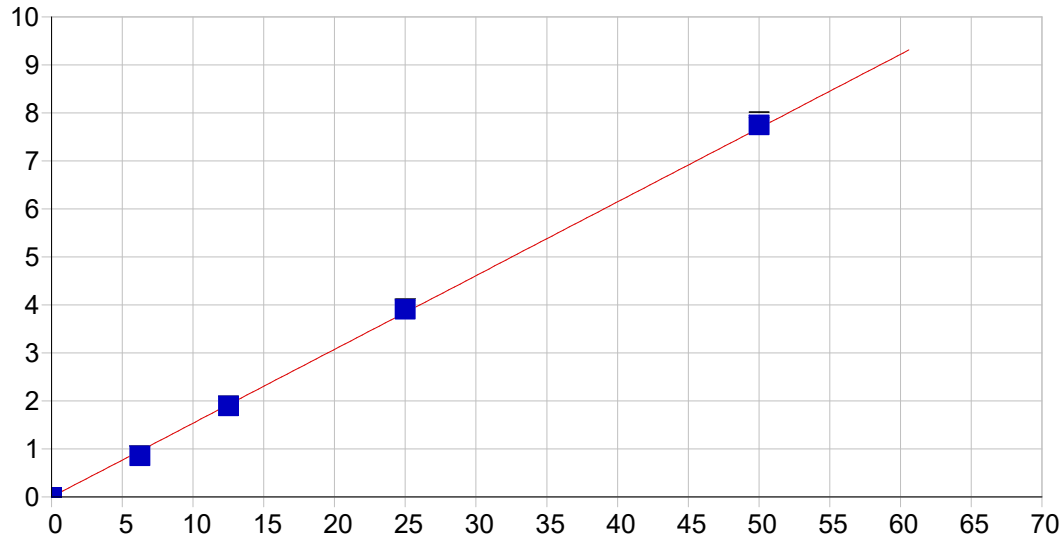
Tl 190.856 {477}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000066	Re-Slope:	1.000000
A1 (Gain):	0.074942	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999731	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.002065		
Predicted MQL:	0.006883		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.02500	.02629	.001	5.17	.00186	.000	1
S2	1.2500	1.1696	-.080	-6.44	.08694	.001	1
S3	2.5000	2.5469	.047	1.87	.18951	.001	1
S4	5.0000	5.1231	.123	2.46	.38128	.002	1
S5	10.000	9.9092	-.091	-.908	.73739	.004	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



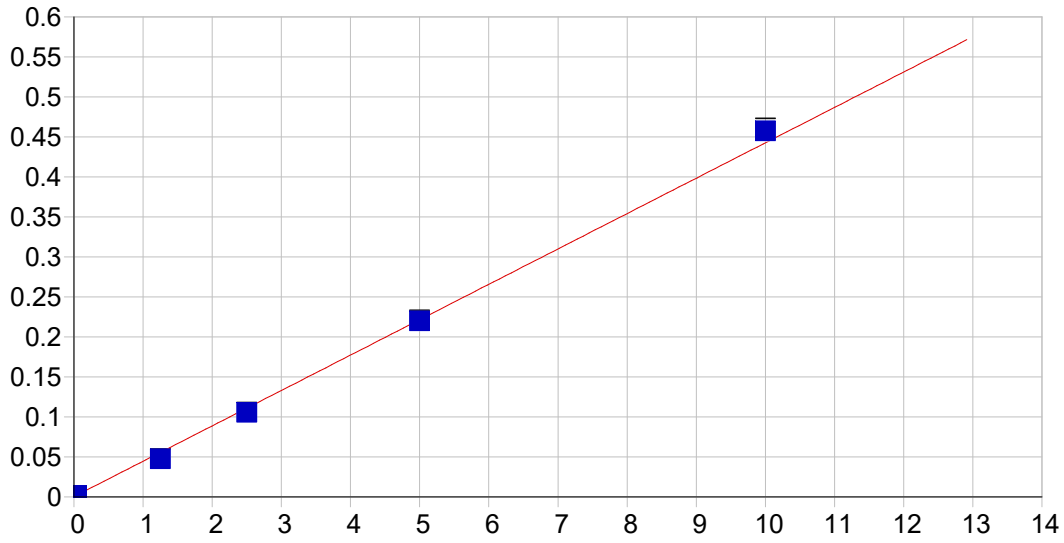
Pb 220.353 {453}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000128	Re-Slope:	1.000000
A1 (Gain):	0.153654	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999522	Status:	OK.
Std Error of Est:	0.000178		
Predicted MDL:	0.002027		
Predicted MQL:	0.006757		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.01000	.00726	-.003	-27.4	.00125	.000	1
S2	6.2500	5.5671	-.683	-10.9	.85603	.005	1
S3	12.500	12.312	-.188	-1.50	1.8930	.004	1
S4	25.000	25.444	.444	1.78	3.9117	.015	1
S5	50.000	50.429	.429	.859	7.7528	.057	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



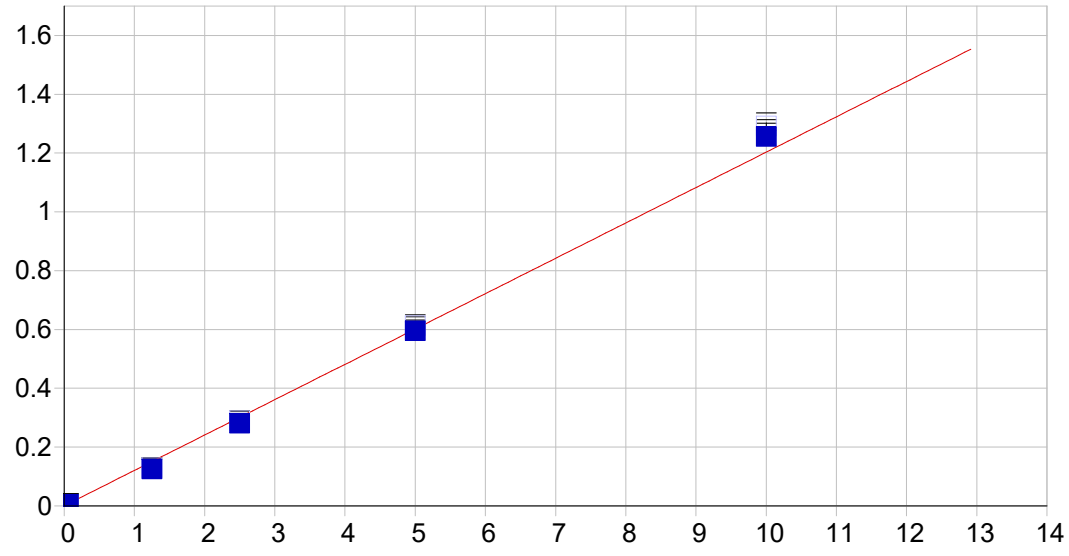
Se 196.090 {472}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000383	Re-Slope:	1.000000
A1 (Gain):	0.044233	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998759	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.005085		
Predicted MQL:	0.016949		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00038	.000	1
S1	.03500	.02782	-.007	-20.5	.00161	.000	1
S2	1.2500	1.0646	-.185	-14.8	.04737	.000	1
S3	2.5000	2.3807	-.119	-4.77	.10548	.000	1
S4	5.0000	4.9700	-.030	-.599	.21980	.001	1
S5	10.000	10.342	.342	3.42	.45699	.003	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



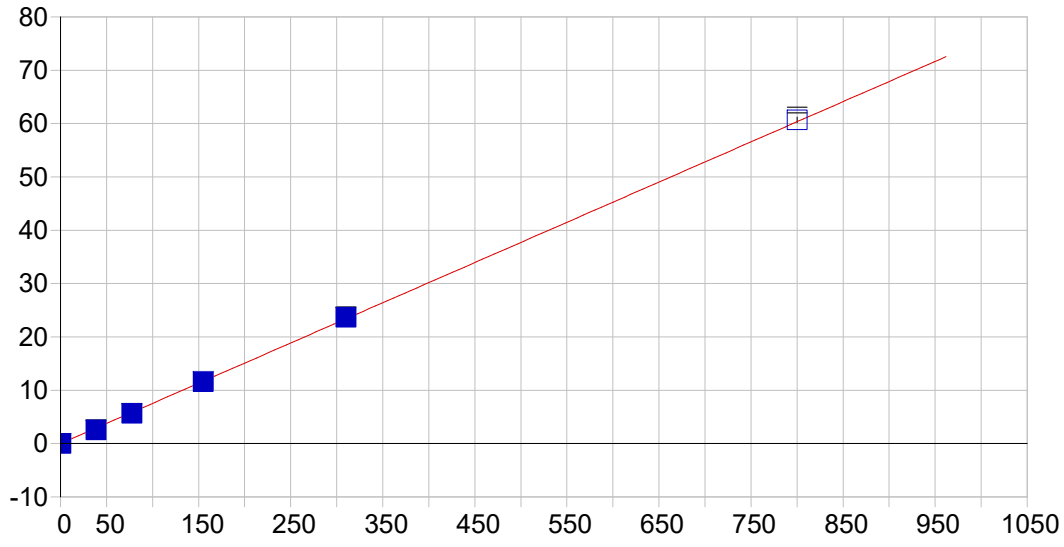
Sb 206.833 {463}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000439	Re-Slope:	1.000000
A1 (Gain):	0.120246	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998316	Status:	OK.
Std Error of Est:	0.000296		
Predicted MDL:	0.002349		
Predicted MQL:	0.007830		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00044	.000	1
S1	.06000	.05491	-.005	-8.49	.00704	.000	1
S2	1.2500	1.0407	-.209	-16.7	.13001	.001	1
S3	2.5000	2.3280	-.172	-6.88	.28925	.001	1
S4	5.0000	4.9458	-.054	-1.08	.61291	.003	1
S5	10.000	10.440	.440	4.40	1.2913	.012	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



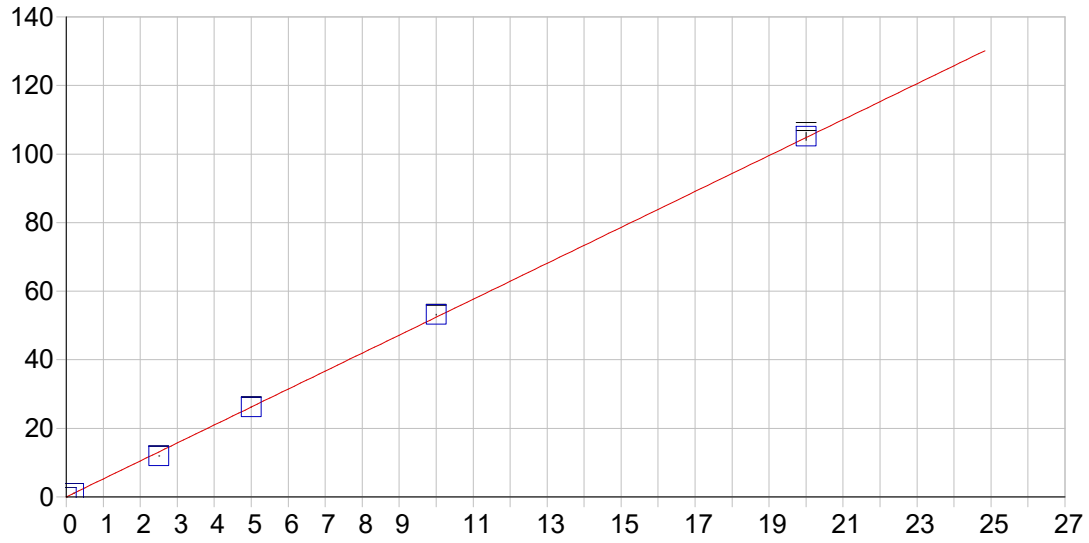
Al 396.152 { 85}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001259	Re-Slope:	1.000000
A1 (Gain):	0.075433	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999710	Status:	OK.
Std Error of Est:	0.001131		
Predicted MDL:	0.014639		
Predicted MQL:	0.048796		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00126	.001	1
S1	.20000	.20650	.006	3.25	.01435	.001	1
S2	38.750	33.840	-4.91	-12.7	2.5549	.007	1
S3	77.500	74.716	-2.78	-3.59	5.6418	.023	1
S4	155.00	154.19	-.813	-.525	11.644	.030	1
S5	310.00	314.00	4.00	1.29	23.713	.041	1
S6	800.00	804.51	4.51	.563	60.685	.561	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



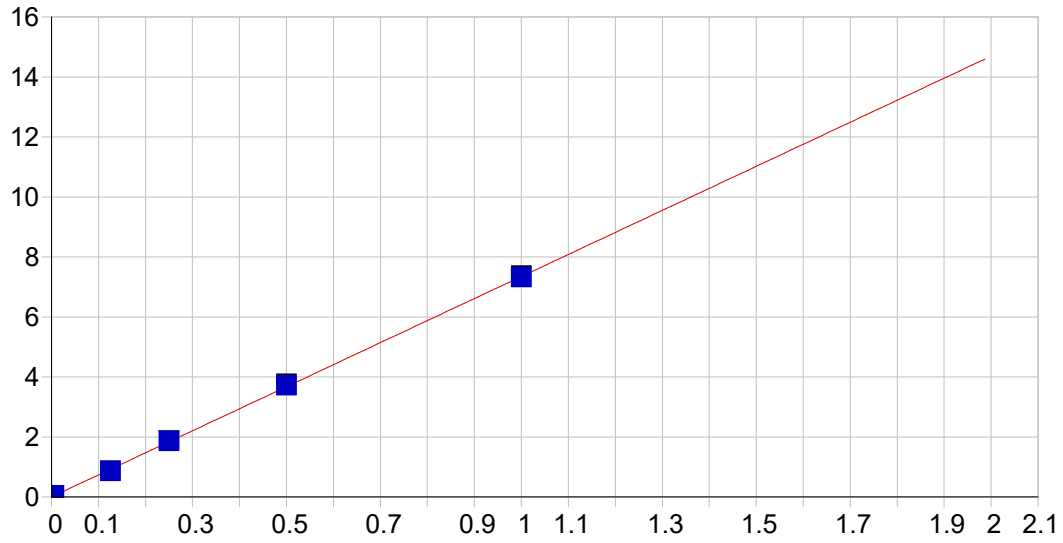
Ba 493.409 { 68}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008774	Re-Slope:	1.000000
A1 (Gain):	5.239883	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999695	Status:	OK.
Std Error of Est:	0.013762		
Predicted MDL:	0.000545		
Predicted MQL:	0.001815		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00882	.002	1
S1	.20000	.20624	.006	3.12	1.0894	.004	1
S2	2.5000	2.2734	-.227	-9.06	11.921	.016	1
S3	5.0000	5.0073	.007	.145	26.246	.114	1
S4	10.000	10.142	.142	1.42	53.154	.119	1
S5	20.000	20.071	.071	.353	105.18	1.17	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



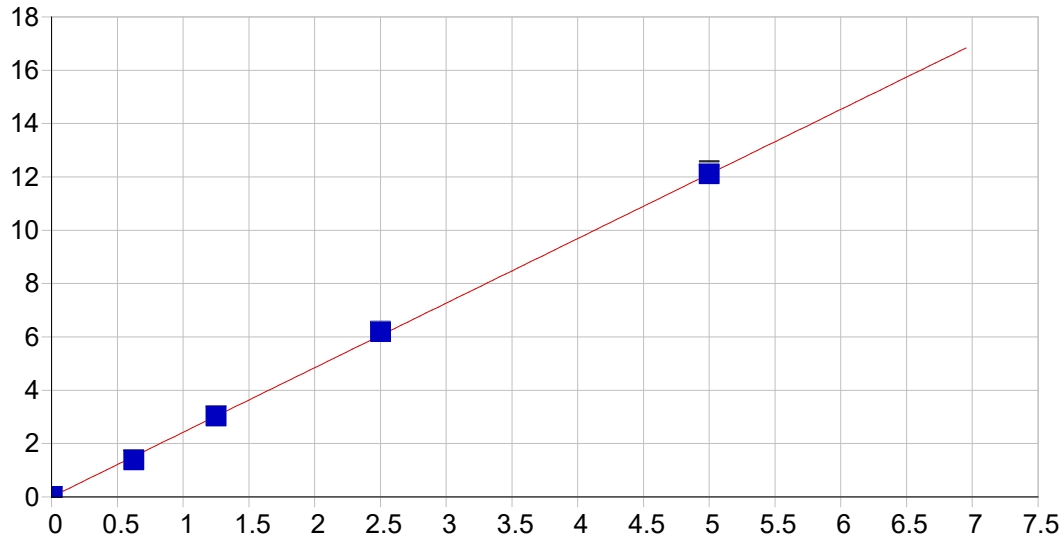
Be 234.861 {144}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000397	Re-Slope:	1.000000
A1 (Gain):	7.345584	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999816	Status:	OK.
Std Error of Est:	0.000528		
Predicted MDL:	0.000088		
Predicted MQL:	0.000292		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00039	.000	1
S1	.00500	.00553	.001	10.7	.04103	.001	1
S2	.12500	.11718	-.008	-6.26	.85964	.008	1
S3	.25000	.25371	.004	1.48	1.8611	.006	1
S4	.50000	.50632	.006	1.26	3.7137	.045	1
S5	1.0000	.99726	-.003	-.274	7.3140	.040	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



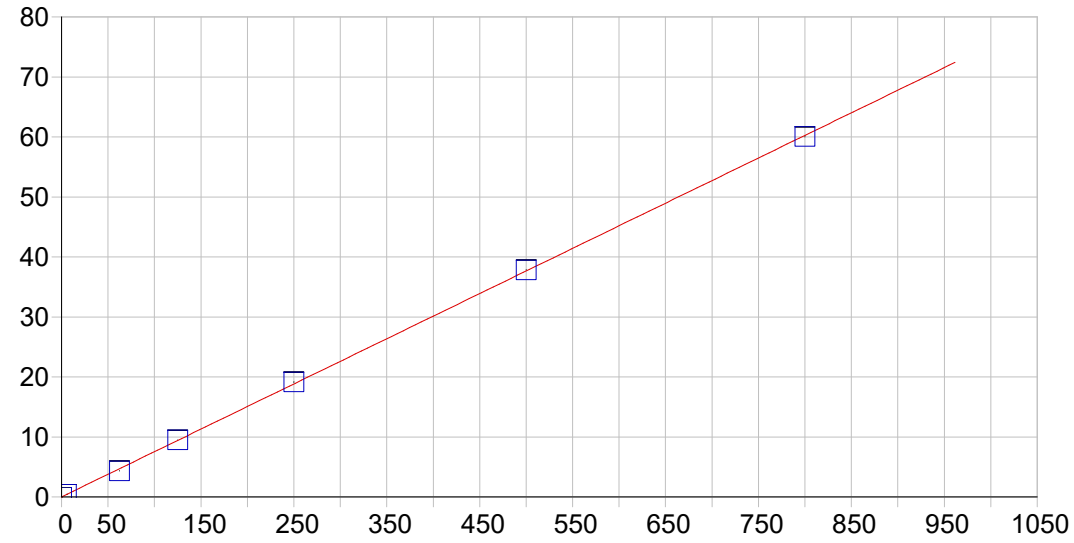
Cd 214.438 {457}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000668	Re-Slope:	1.000000
A1 (Gain):	2.421768	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999659	Status:	OK.
Std Error of Est:	0.000531		
Predicted MDL:	0.000100		
Predicted MQL:	0.000335		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00067	.000	1
S1	.00500	.00506	.000	1.21	.01293	.000	1
S2	.62500	.56839	-.057	-9.06	1.3808	.005	1
S3	1.2500	1.2501	.000	.012	3.0355	.005	1
S4	2.5000	2.5570	.057	2.28	6.2076	.009	1
S5	5.0000	4.9994	-.001	-.011	12.137	.086	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



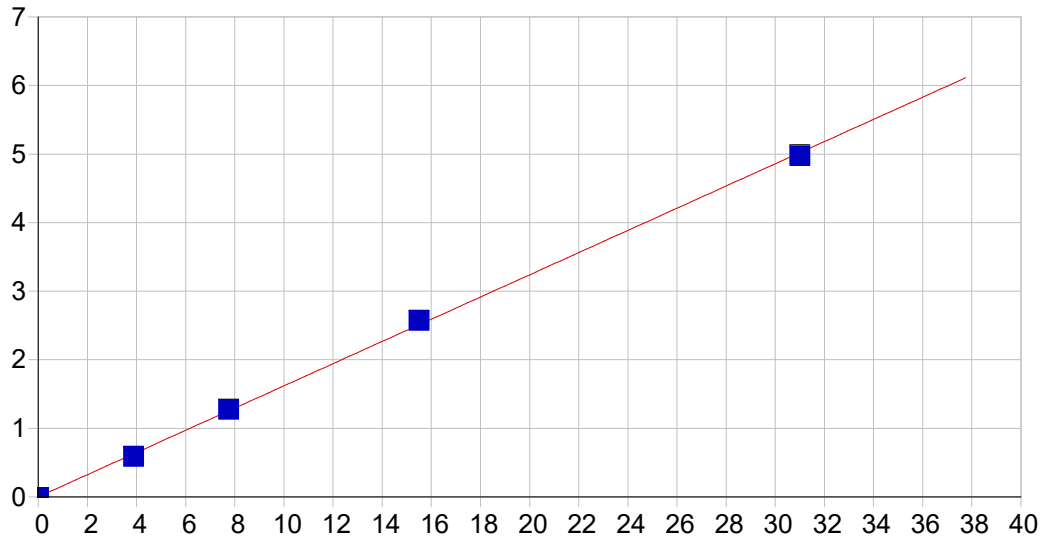
Ca 373.690 { 90}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004297	Re-Slope:	1.000000
A1 (Gain):	0.075306	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.004466		
Predicted MDL:	0.013995		
Predicted MQL:	0.046649		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00011	-.000	.000	.00429	.001	1
S1	5.0000	5.3768	.377	7.54	.40920	.001	1
S2	62.500	57.654	-4.85	-7.75	4.3460	.003	1
S3	125.00	125.78	.779	.623	9.4762	.033	1
S4	250.00	254.23	4.23	1.69	19.150	.036	1
S5	500.00	502.39	2.39	.479	37.838	.048	1
S6	800.00	797.06	-2.94	-.367	60.028	.030	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



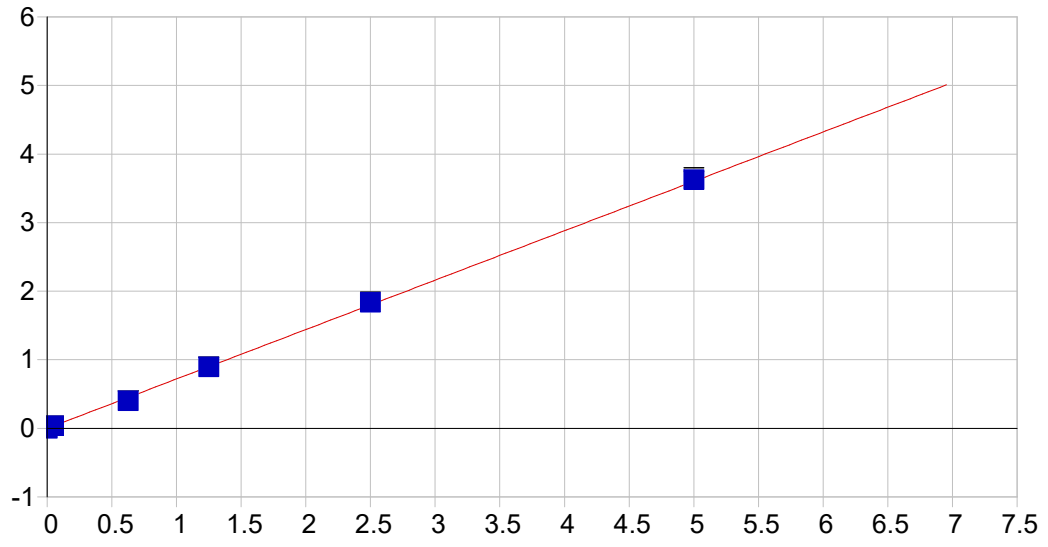
Cr 267.716 {126}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000154	Re-Slope:	1.000000
A1 (Gain):	0.161927	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999762	Status:	OK.
Std Error of Est:	0.000104		
Predicted MDL:	0.000875		
Predicted MQL:	0.002917		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00015	.000	1
S1	.01000	.01128	.001	12.8	.00198	.000	1
S2	3.8750	3.6398	-.235	-6.07	.58994	.001	1
S3	7.7500	7.8794	.129	1.67	1.2768	.001	1
S4	15.500	15.870	.370	2.39	2.5716	.005	1
S5	31.000	30.734	-.266	-.857	4.9801	.007	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



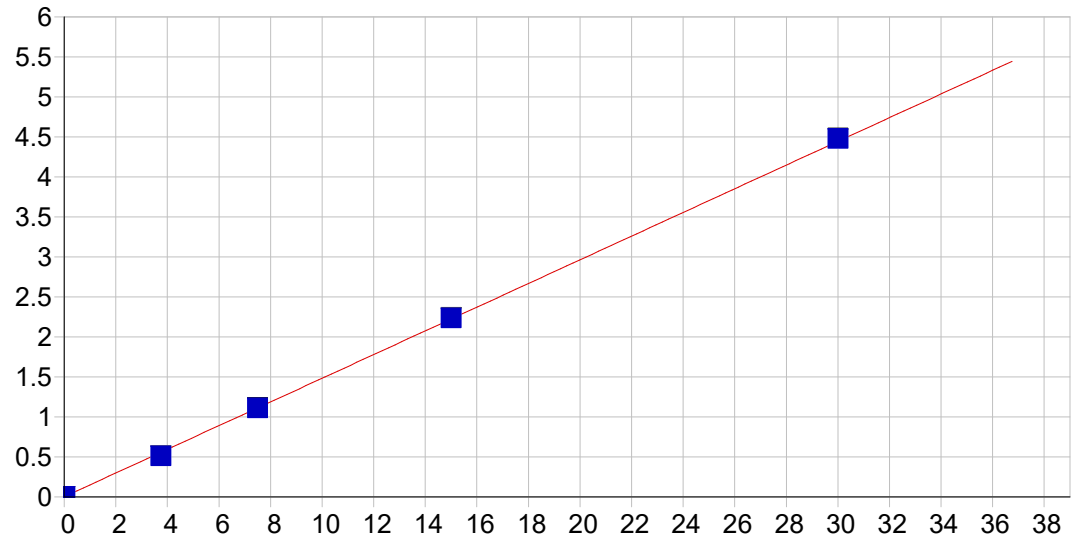
Co 228.616 {448}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000261	Re-Slope:	1.000000
A1 (Gain):	0.720420	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999519	Status:	OK.
Std Error of Est:	0.000594		
Predicted MDL:	0.000305		
Predicted MQL:	0.001018		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00026	.000	1
S1	.05000	.04719	-.003	-5.63	.03386	.000	1
S2	.62500	.55564	-.069	-11.1	.40058	.002	1
S3	1.2500	1.2408	-.009	-.735	.89475	.001	1
S4	2.5000	2.5488	.049	1.95	1.8382	.005	1
S5	5.0000	5.0325	.033	.651	3.6297	.026	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



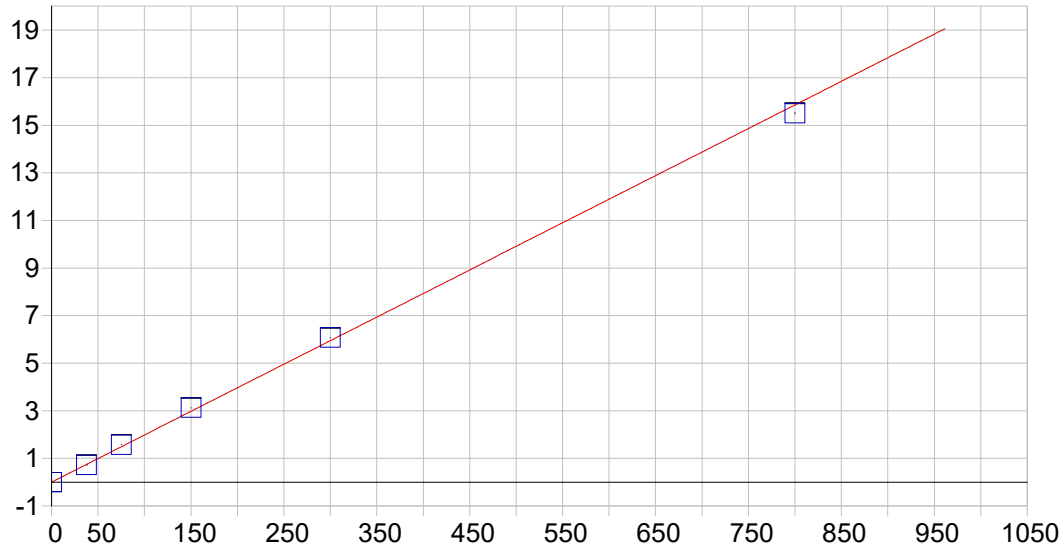
Cu 324.754 {104}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002638	Re-Slope:	1.000000
A1 (Gain):	0.148047	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999751	Status:	OK.
Std Error of Est:	0.000151		
Predicted MDL:	0.003976		
Predicted MQL:	0.013254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00264	.001	1
S1	.02500	.02885	.004	15.4	.00691	.001	1
S2	3.7500	3.4440	-.306	-8.16	.51216	.001	1
S3	7.5000	7.4799	-.020	-.268	1.1093	.005	1
S4	15.000	15.092	.092	.613	2.2355	.009	1
S5	30.000	30.230	.230	.768	4.4753	.008	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



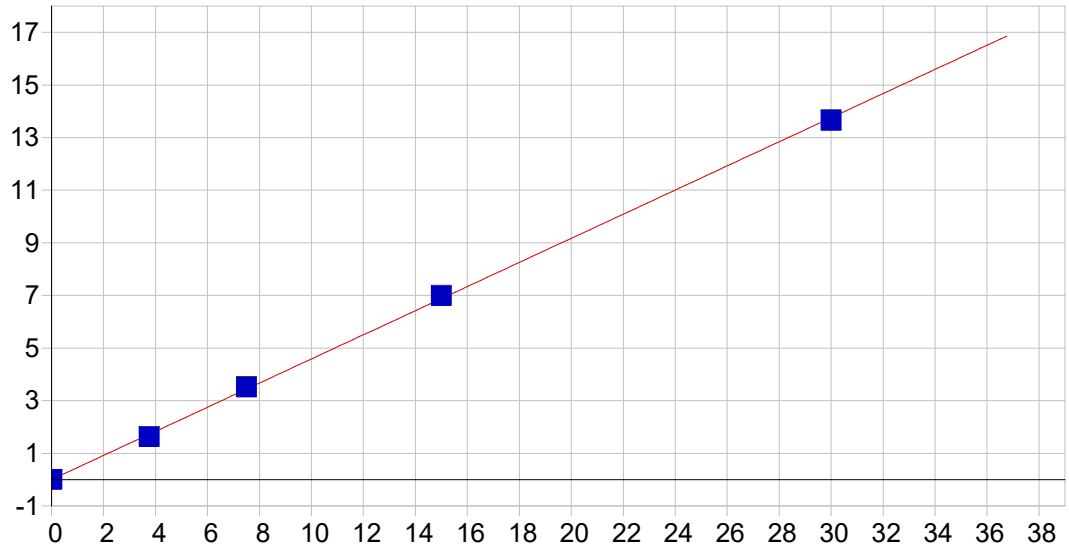
Fe 259.837 {130}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000070	Re-Slope:	1.000000
A1 (Gain):	0.019822	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999571	Status:	OK.
Std Error of Est:	0.000253		
Predicted MDL:	0.015937		
Predicted MQL:	0.053123		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00007	.000	1
S1	.10000	.11663	.017	16.6	.00238	.000	1
S2	37.500	36.687	-.813	-2.17	.72726	.001	1
S3	75.000	79.393	4.39	5.86	1.5738	.007	1
S4	150.00	157.61	7.61	5.07	3.1241	.004	1
S5	300.00	306.19	6.19	2.06	6.0692	.010	1
S6	800.00	782.61	-17.4	-2.17	15.513	.027	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



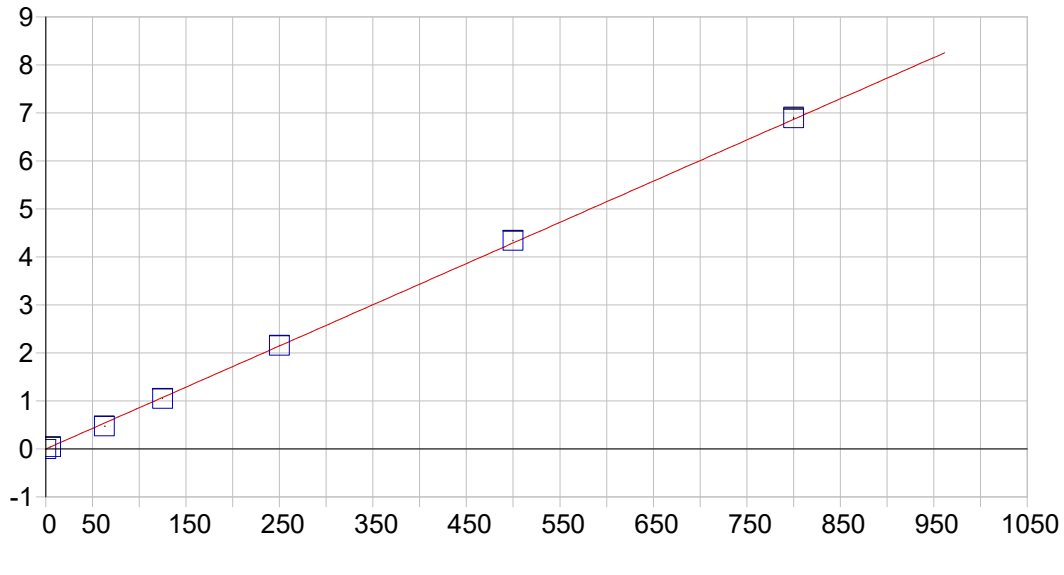
Mn 257.610 {131}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000001	Re-Slope:	1.000000
A1 (Gain):	0.458577	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999823	Status:	OK.
Std Error of Est:	0.000307		
Predicted MDL:	0.000693		
Predicted MQL:	0.002309		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00000	.000	1
S1	.01500	.01656	.002	10.4	.00761	.000	1
S2	3.7500	3.5581	-.192	-5.12	1.6319	.001	1
S3	7.5000	7.6659	.166	2.21	3.5159	.015	1
S4	15.000	15.258	.258	1.72	6.9982	.008	1
S5	30.000	29.766	-.234	-.780	13.652	.017	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



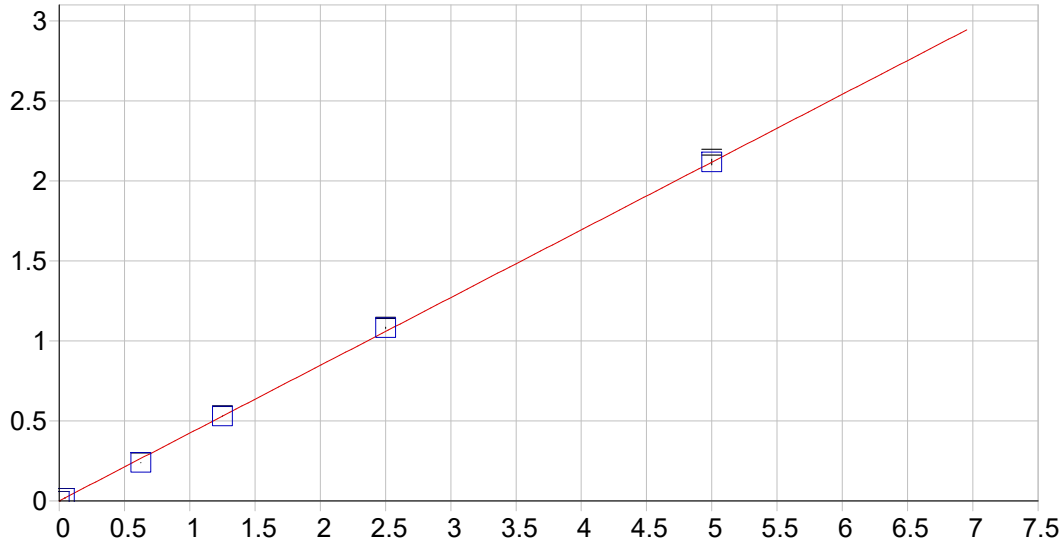
Mg 279.079 {121}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000344	Re-Slope:	1.000000
A1 (Gain):	0.008582	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999724	Status:	OK.
Std Error of Est:	0.000704		
Predicted MDL:	0.044168		
Predicted MQL:	0.147226		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00051	.001	.000	-.00034	.000	1
S1	5.0000	5.0759	.076	1.52	.04322	.000	1
S2	62.500	55.342	-7.16	-11.5	.47461	.001	1
S3	125.00	122.21	-2.79	-2.23	1.0485	.005	1
S4	250.00	251.14	1.14	.456	2.1550	.002	1
S5	500.00	505.61	5.61	1.12	4.3389	.008	1
S6	800.00	803.12	3.12	.390	6.8921	.020	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



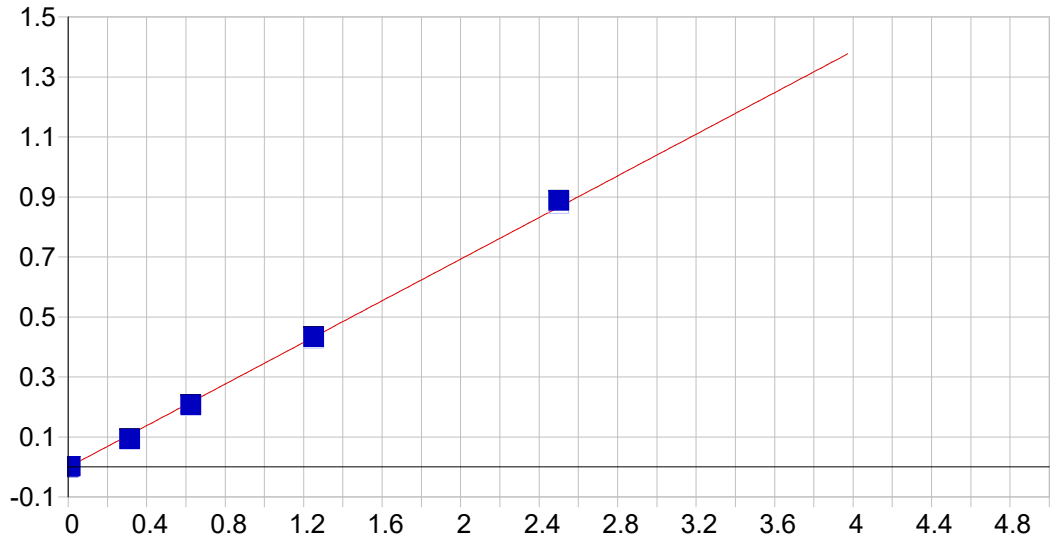
Ni 231.604 {446}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000408	Re-Slope:	1.000000
A1 (Gain):	0.423397	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999627	Status:	OK.
Std Error of Est:	0.000275		
Predicted MDL:	0.000546		
Predicted MQL:	0.001819		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00041	.000	1
S1	.04000	.04030	.000	.747	.01747	.000	1
S2	.62500	.56510	-.060	-9.58	.23967	.001	1
S3	1.2500	1.2519	.002	.152	.53046	.002	1
S4	2.5000	2.5567	.057	2.27	1.0829	.004	1
S5	5.0000	5.0010	.001	.021	2.1178	.017	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



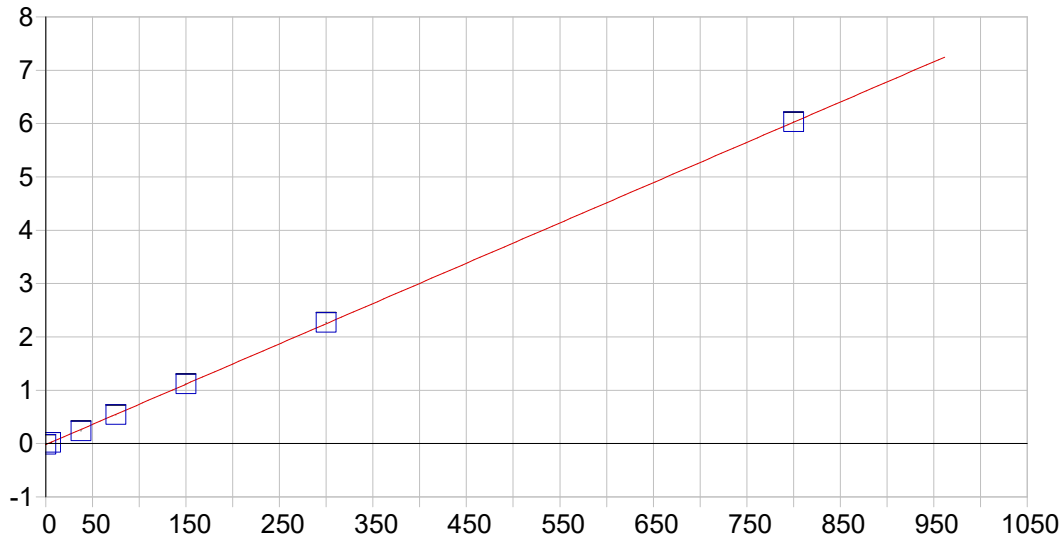
Ag 328.068 {103}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001311	Re-Slope:	1.000000
A1 (Gain):	0.346912	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999161	Status:	OK.
Std Error of Est:	0.000118		
Predicted MDL:	0.000496		
Predicted MQL:	0.001652		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00131	.000	1
S1	.01000	.01029	.000	2.89	.00224	.000	1
S2	.31250	.27234	-.040	-12.9	.09186	.001	1
S3	.62500	.59973	-.025	-4.04	.20413	.001	1
S4	1.2500	1.2539	.004	.311	.42846	.000	1
S5	2.5000	2.5613	.061	2.45	.87679	.001	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



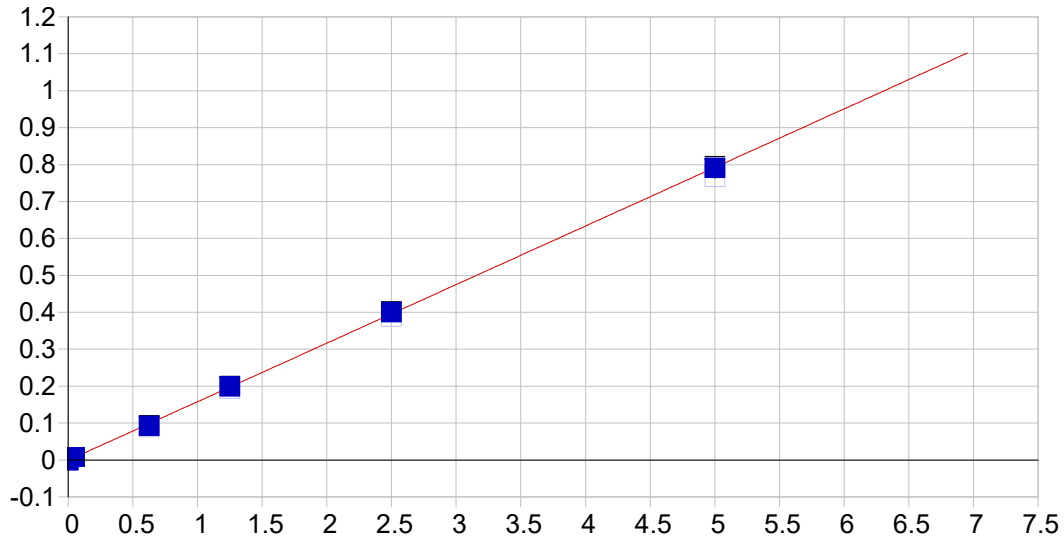
Na 818.326 { 41}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.018644	Re-Slope:	1.000000
A1 (Gain):	0.007555	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999856	Status:	OK.
Std Error of Est:	0.000397		
Predicted MDL:	0.303543		
Predicted MQL:	1.011808		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00039	.000	.000	-.01864	.001	1
S1	5.0000	5.0776	.078	1.55	.01972	.001	1
S2	37.500	33.895	-3.61	-9.61	.23744	.002	1
S3	75.000	74.069	-.931	-1.24	.54097	.002	1
S4	150.00	150.63	.627	.418	1.1194	.003	1
S5	300.00	303.07	3.07	1.02	2.2711	.002	1
S6	800.00	800.76	.762	.095	6.0314	.003	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



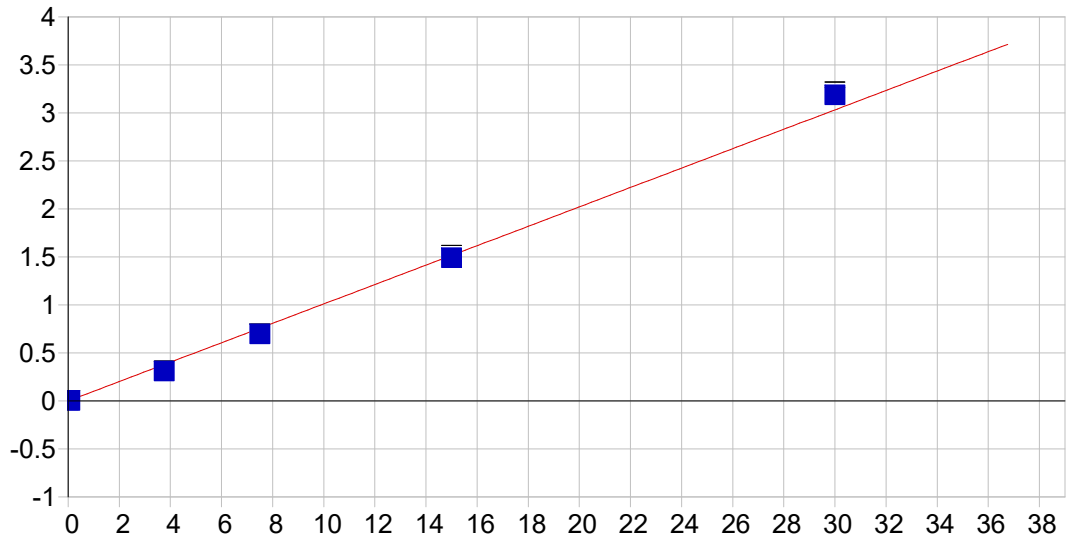
V 292.402 {115}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000777	Re-Slope:	1.000000
A1 (Gain):	0.158612	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999796	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.003185		
Predicted MQL:	0.010616		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00078	.000	1
S1	.05000	.05663	.007	13.3	.00819	.000	1
S2	.62500	.58676	-.038	-6.12	.08924	.001	1
S3	1.2500	1.2612	.011	.892	.19317	.001	1
S4	2.5000	2.5271	.027	1.08	.38786	.002	1
S5	5.0000	4.9932	-.007	-.136	.76684	.004	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



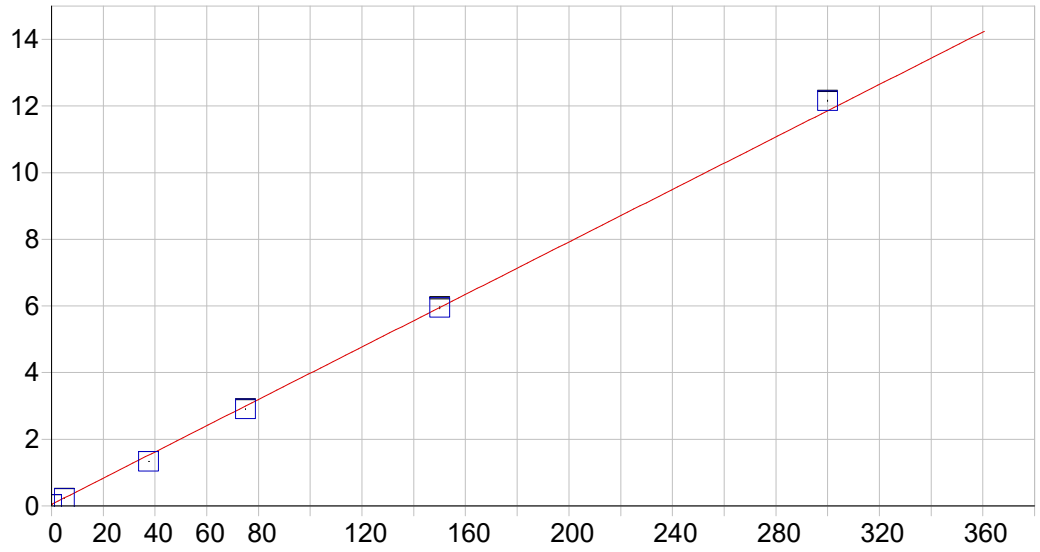
Zn 213.856 {158}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000433	Re-Slope:	1.000000
A1 (Gain):	0.101076	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997742	Status:	OK.
Std Error of Est:	0.000485		
Predicted MDL:	0.006930		
Predicted MQL:	0.023101		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00043	.000	1
S1	.06000	.04905	-.011	-18.3	.00455	.001	1
S2	3.7500	3.0772	-.673	-17.9	.31106	.003	1
S3	7.5000	6.8906	-.609	-8.12	.69697	.004	1
S4	15.000	14.750	-.250	-1.66	1.4923	.026	1
S5	30.000	31.543	1.54	5.14	3.1915	.028	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



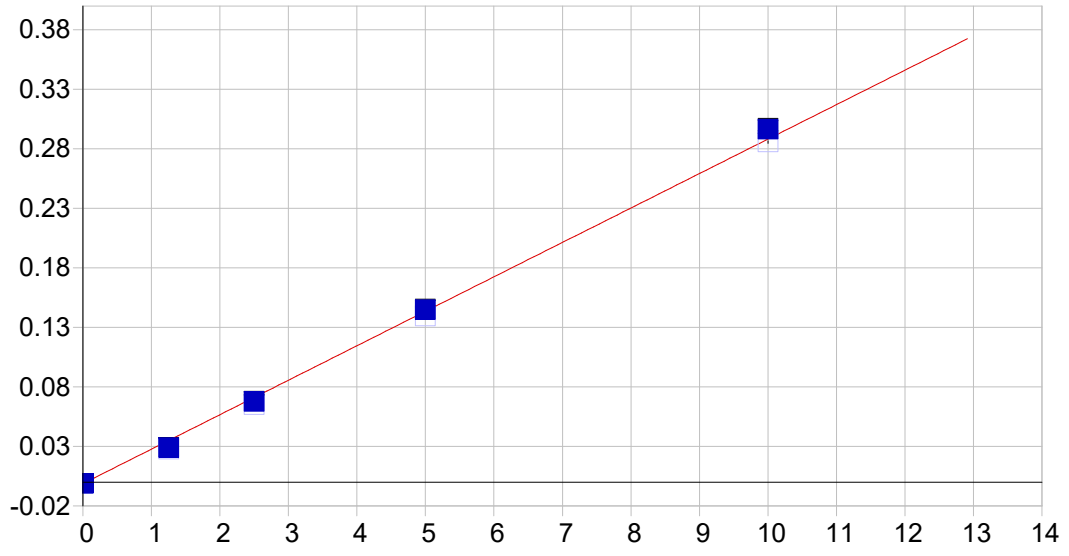
K 769.896 { 44}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.044942	Re-Slope:	1.000000
A1 (Gain):	0.039381	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999212	Status:	OK.
Std Error of Est:	0.003224		
Predicted MDL:	0.095025		
Predicted MQL:	0.316751		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00100	.001	.000	.04498	.004	1
S1	5.0000	4.6742	-.326	-6.52	.22902	.004	1
S2	37.500	32.705	-4.79	-12.8	1.3329	.002	1
S3	75.000	72.673	-2.33	-3.10	2.9069	.013	1
S4	150.00	149.93	-.067	-.045	5.9495	.035	1
S5	300.00	307.52	7.52	2.51	12.155	.019	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



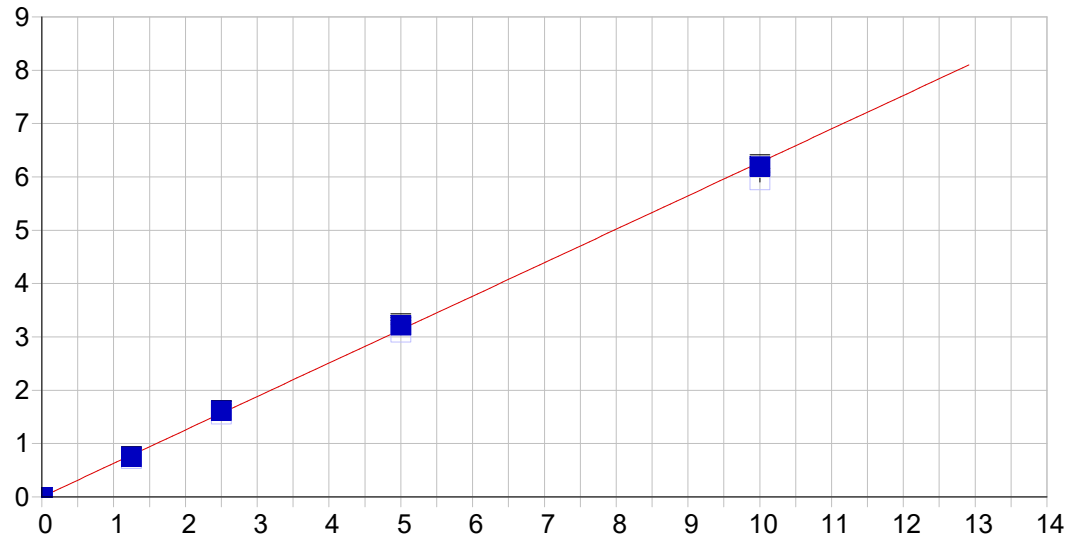
P 177.495 {490}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001230	Re-Slope:	1.000000
A1 (Gain):	0.028945	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998626	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.004009		
Predicted MQL:	0.013363		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00123	.000	1
S1	.01000	.00920	-.001	-8.04	-.00097	.000	1
S2	1.2500	1.0447	-.205	-16.4	.02768	.000	1
S3	2.5000	2.3795	-.120	-4.82	.06499	.000	1
S4	5.0000	5.0452	.045	.904	.13948	.001	1
S5	10.000	10.281	.281	2.81	.28573	.001	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



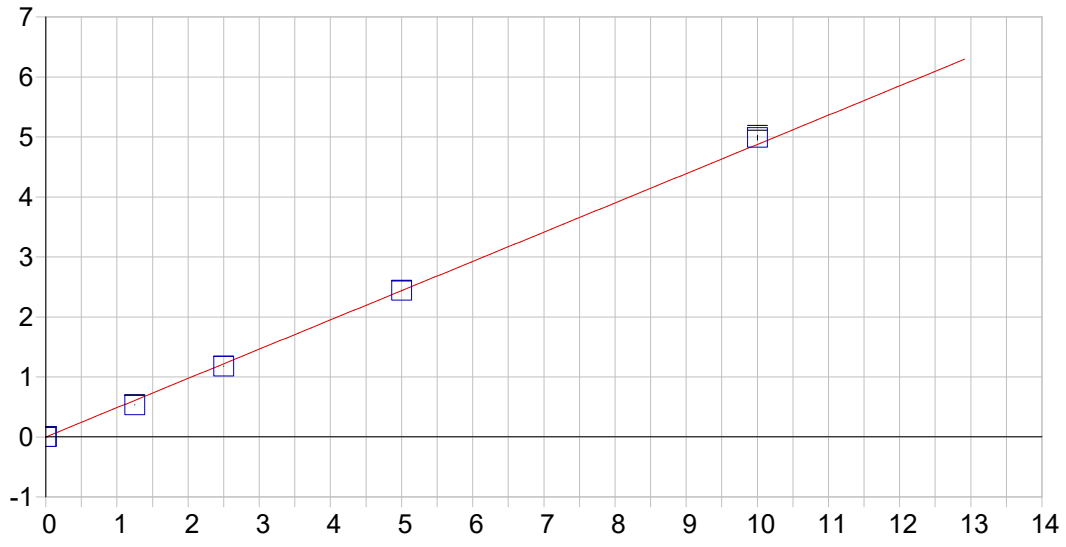
B 249.678 {135}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000708	Re-Slope:	1.000000
A1 (Gain):	0.627218	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999515	Status:	OK.
Std Error of Est:	0.000315		
Predicted MDL:	0.001109		
Predicted MQL:	0.003697		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00071	.000	1
S1	.01000	.00138	-.009	-86.2	.00152	.001	1
S2	1.2500	1.1911	-.059	-4.71	.71616	.006	1
S3	2.5000	2.5713	.071	2.85	1.5502	.006	1
S4	5.0000	5.1219	.122	2.44	3.0867	.033	1
S5	10.000	9.8746	-.125	-1.25	5.9411	.036	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



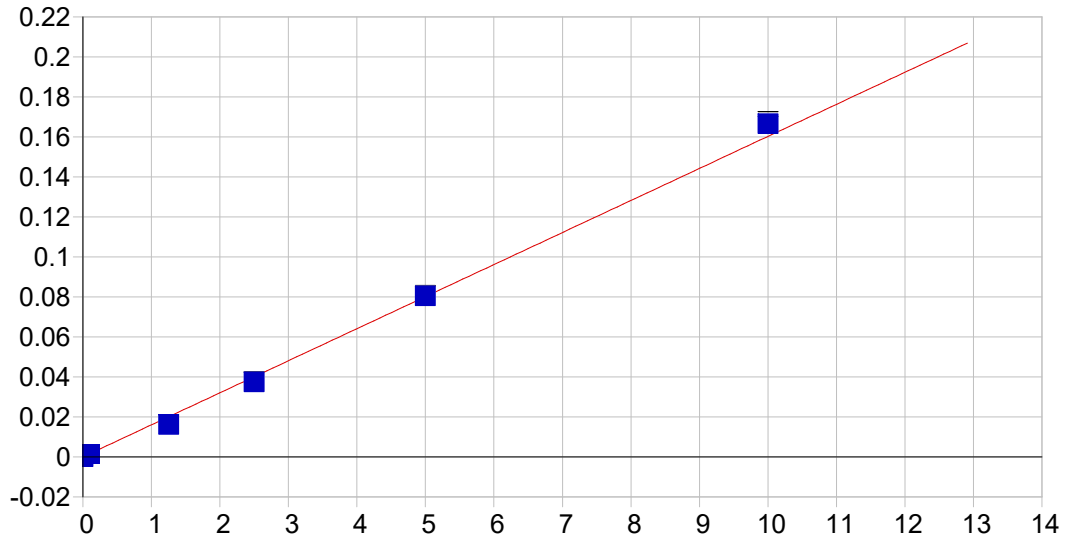
Mo 202.030 {467}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000099	Re-Slope:	1.000000
A1 (Gain):	0.487499	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999263	Status:	OK.
Std Error of Est:	0.000314		
Predicted MDL:	0.000479		
Predicted MQL:	0.001596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00010	.000	1
S1	.01000	.01066	.001	6.60	.00510	.000	1
S2	1.2500	1.0937	-.156	-12.5	.53306	.004	1
S3	2.5000	2.4176	-.082	-3.30	1.1785	.003	1
S4	5.0000	5.0066	.007	.133	2.4406	.007	1
S5	10.000	10.231	.231	2.31	4.9877	.041	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



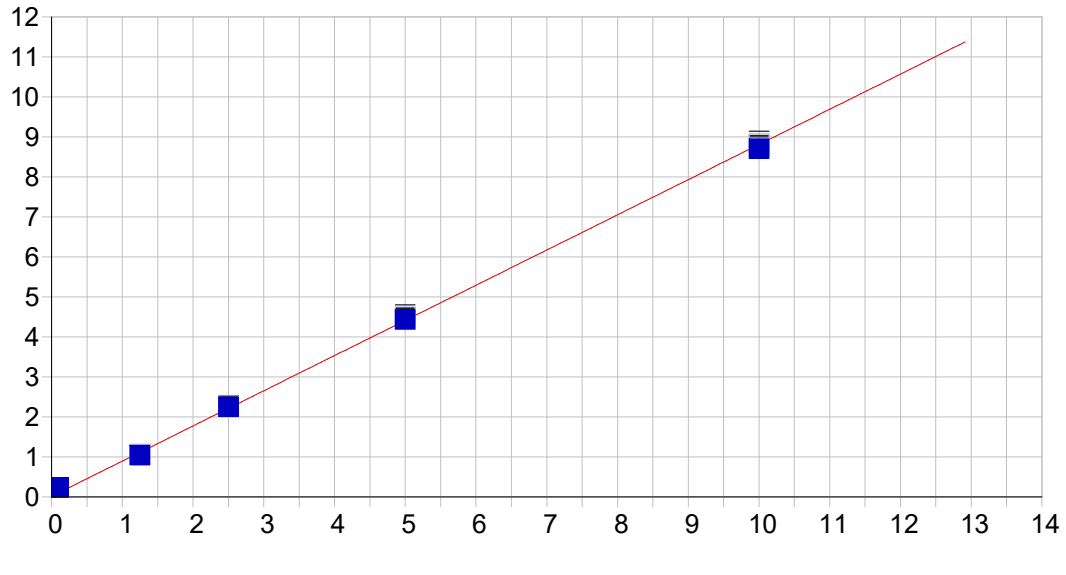
S 182.034 {485}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000007	Re-Slope:	1.000000
A1 (Gain):	0.016025	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998054	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.006902		
Predicted MQL:	0.023007		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00001	.000	1
S1	.10000	.08820	-.012	-11.8	.00142	.000	1
S2	1.2500	1.0091	-.241	-19.3	.01618	.000	1
S3	2.5000	2.3389	-.161	-6.45	.03749	.000	1
S4	5.0000	5.0233	.023	.466	.08052	.000	1
S5	10.000	10.391	.391	3.91	.16654	.001	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



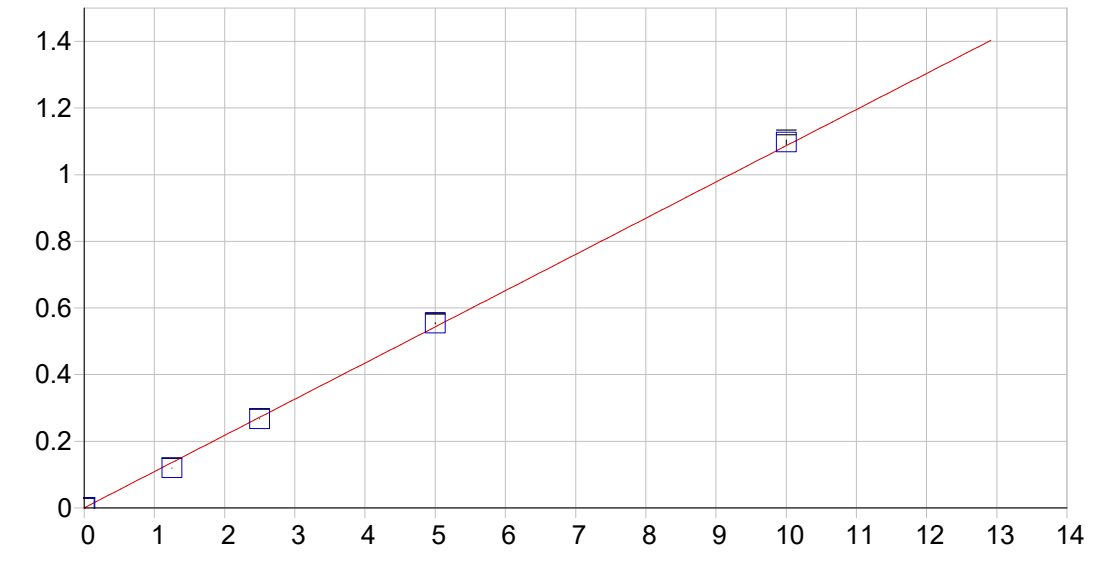
Si 251.611 {134}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014934	Re-Slope:	1.000000
A1 (Gain):	0.879613	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994201	Status:	OK.
Std Error of Est:	0.005137		
Predicted MDL:	0.000680		
Predicted MQL:	0.002265		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.01481	.001	1
S1	.10000	.24837	.148	148.	.23399	.001	1
S2	1.2500	1.1697	-.080	-6.43	1.0616	.004	1
S3	2.5000	2.5353	.035	1.41	2.2806	.010	1
S4	5.0000	5.0231	.023	.462	4.5044	.050	1
S5	10.000	9.8750	-.125	-1.25	8.8433	.053	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



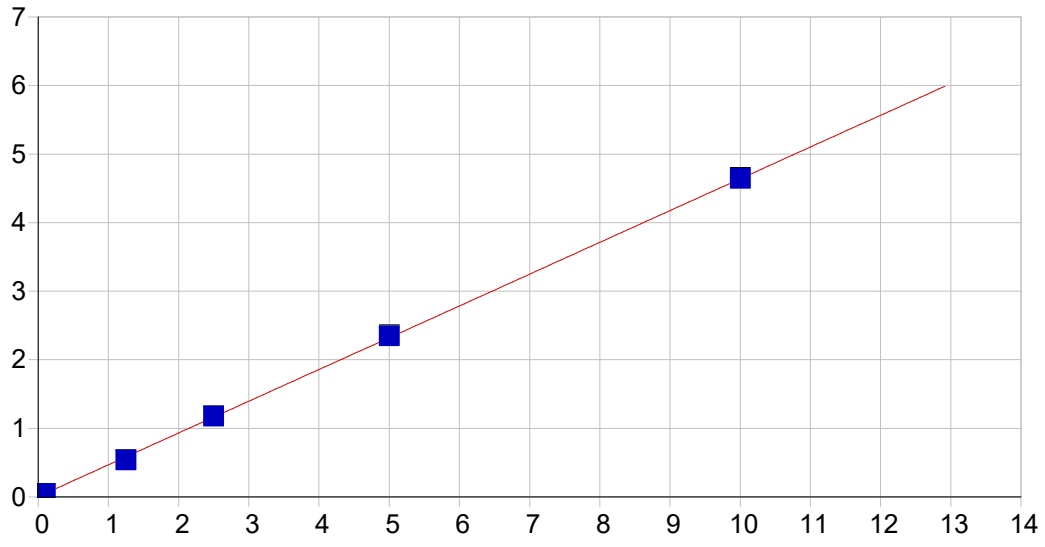
Sn 189.989 {478}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000293	Re-Slope:	1.000000
A1 (Gain):	0.108632	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999418	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.001253		
Predicted MQL:	0.004177		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.00700	.00753	.001	7.60	.00111	.000	1
S2	1.2500	1.0990	-.151	-12.1	.11968	.001	1
S3	2.5000	2.4564	-.044	-1.74	.26714	.000	1
S4	5.0000	5.0971	.097	1.94	.55400	.002	1
S5	10.000	10.097	.097	.970	1.0972	.007	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



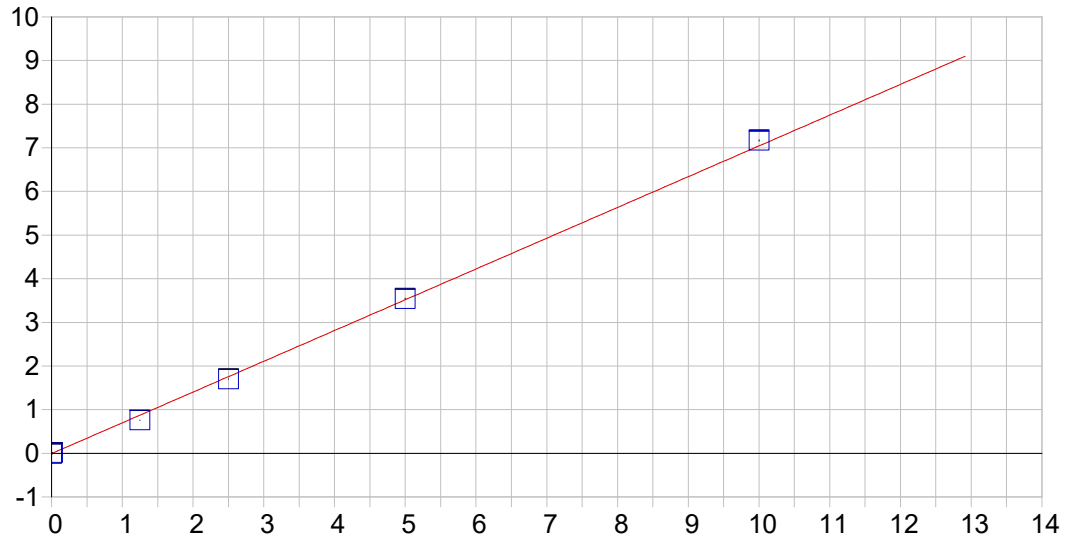
Ti 336.121 {100}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004896	Re-Slope:	1.000000
A1 (Gain):	0.463368	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999769	Status:	OK.
Std Error of Est:	0.000529		
Predicted MDL:	0.001454		
Predicted MQL:	0.004845		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00490	.000	1
S1	.10000	.10383	.004	3.83	.05299	.001	1
S2	1.2500	1.1521	-.098	-7.83	.53845	.001	1
S3	2.5000	2.5240	.024	.962	1.1739	.006	1
S4	5.0000	5.0560	.056	1.12	2.3465	.013	1
S5	10.000	10.014	.014	.140	4.6428	.013	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



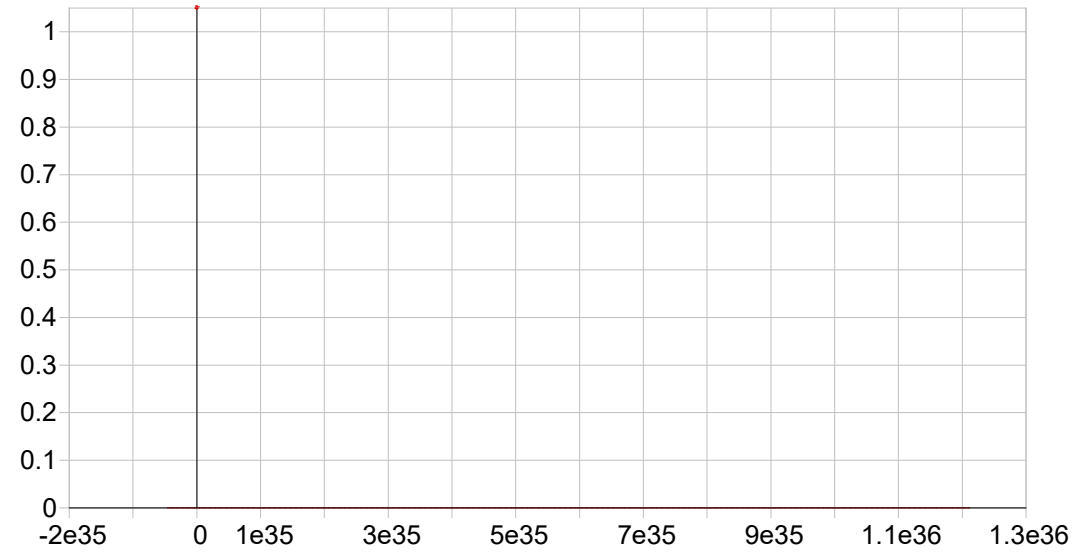
Li 670.784 { 50}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.008475	Re-Slope:	1.000000
A1 (Gain):	0.705128	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998734	Status:	OK.
Std Error of Est:	0.000730		
Predicted MDL:	0.003407		
Predicted MQL:	0.011355		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	-.00849	.001	1
S5	10.000	10.183	.183	1.83	7.1720	.014	1
S4	5.0000	5.0357	.036	.713	3.5423	.009	1
S3	2.5000	2.4256	-.074	-2.98	1.7019	.004	1
S2	1.2500	1.0879	-.162	-13.0	.75866	.003	1
S1	.01500	.03265	.018	118.	.01455	.002	1

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

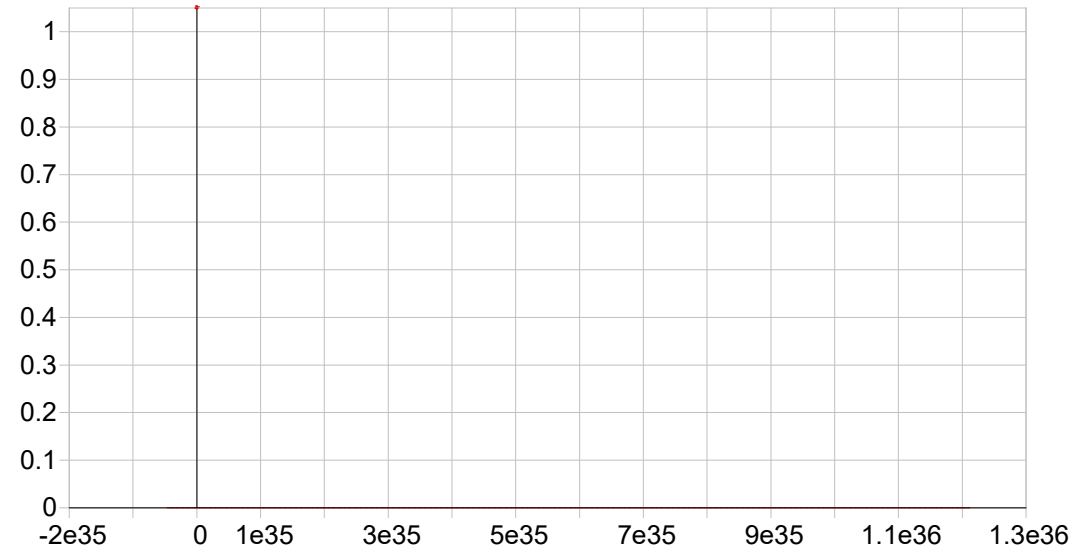


Y 224.306 {450}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.000000	Status:	Warning Zero Gain
Std Error of Est:	0.000000		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Y 360.073 { 94}*

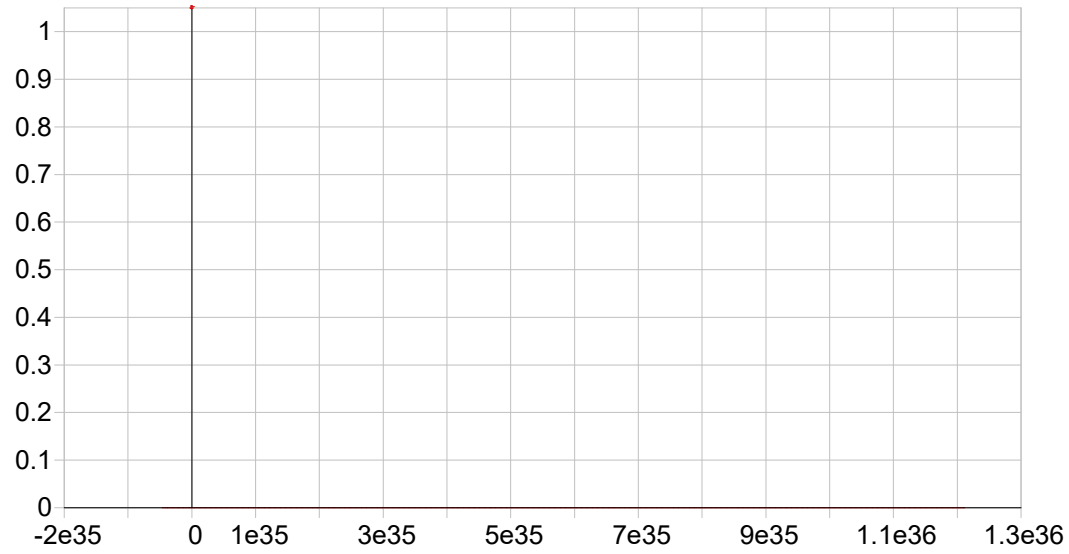
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.000000	Y-int:	0.000000

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

A2 (Curvature):	0.000000						
n (Exponent):	1.000000						
Correlation:	0.000000			Status:	Warning	Zero Gain	
Std Error of Est:	0.000000						
Predicted MDL:	n/a						
Predicted MQL:	n/a						

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

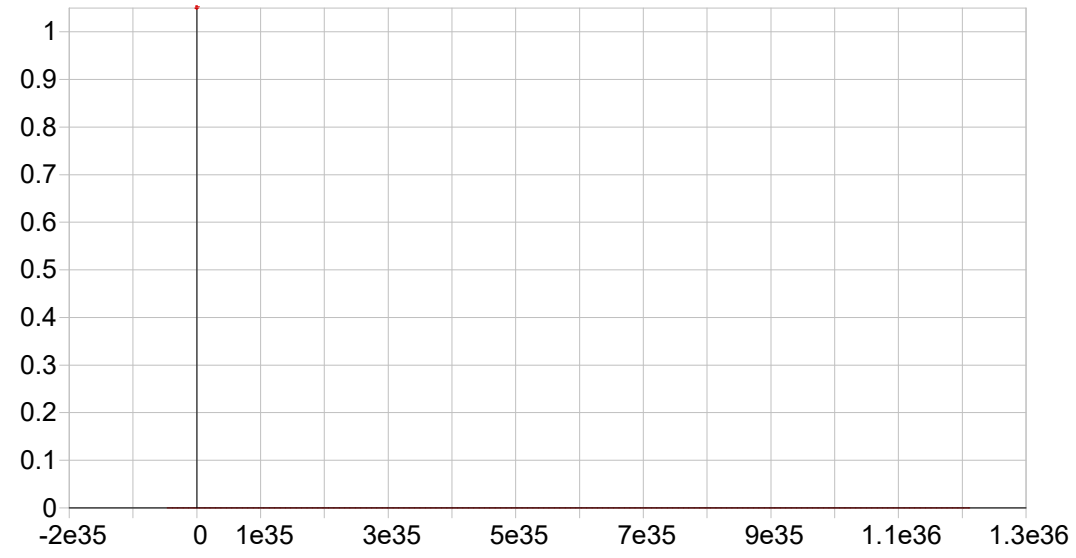


Y 371.030 { 91}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):	0.000000		Re-Slope:	1.000000		
A1 (Gain):	0.000000		Y-int:	0.000000		
A2 (Curvature):	0.000000					
n (Exponent):	1.000000					
Correlation:	0.000000		Status:	Warning	Zero Gain	
Std Error of Est:	0.000000					
Predicted MDL:	n/a					
Predicted MQL:	n/a					

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis

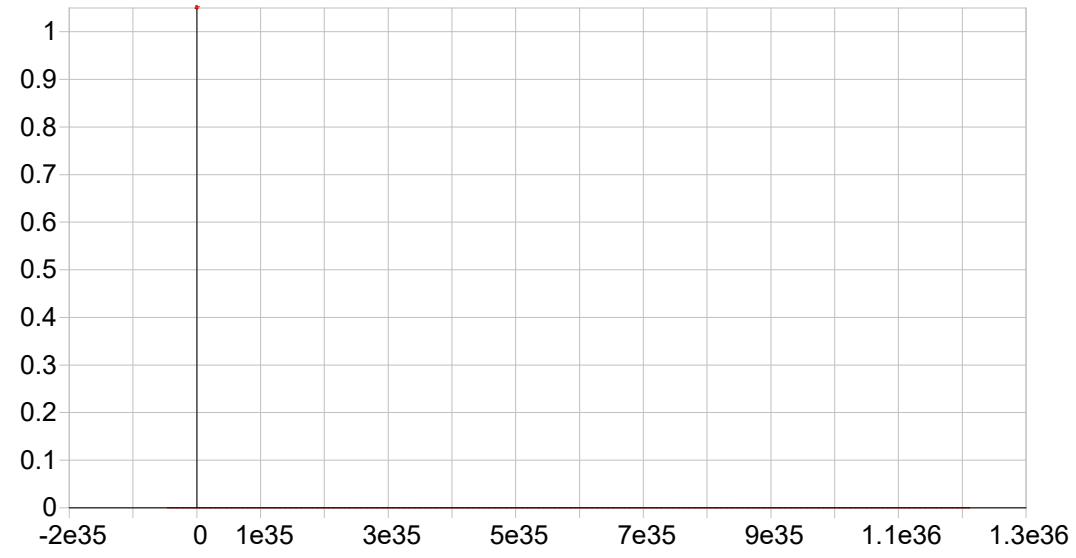
Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



Y 224.306 {150}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000		Status:	Warning	Zero Gain
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



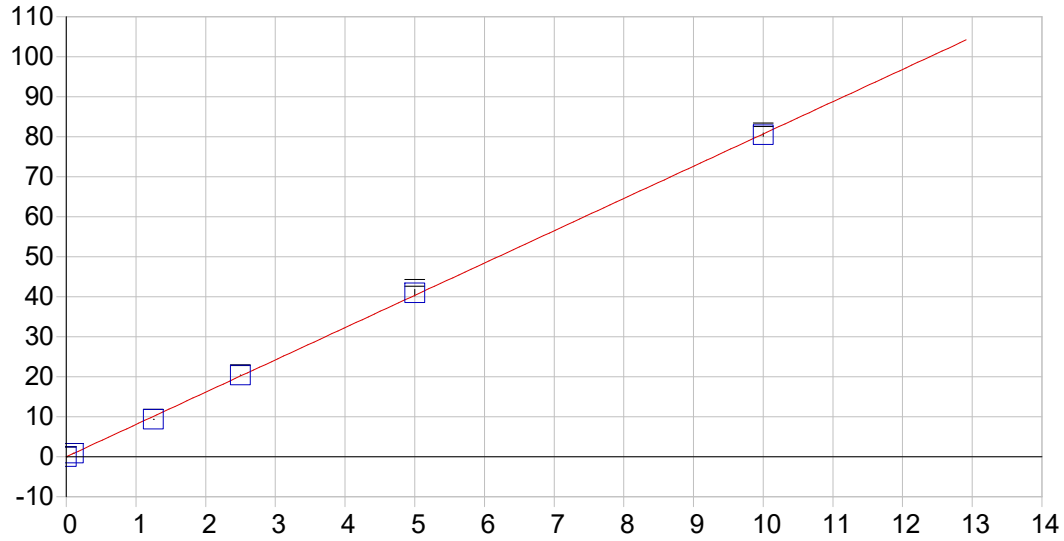
In 230.606 {446}*

Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.000000		Re-Slope:	1.000000	
A1 (Gain):	0.000000		Y-int:	0.000000	

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.000000	Status:	Warning	Zero Gain	
Std Error of Est:	0.000000				
Predicted MDL:	n/a				
Predicted MQL:	n/a				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis



Sr 407.771 { 83}

Date of Fit:	06/28/2024 14:50:08	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001333	Re-Slope:	1.000000
A1 (Gain):	8.069829	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999764	Status:	OK.
Std Error of Est:	0.009320		
Predicted MDL:	0.000125		
Predicted MQL:	0.000416		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00135	.000	1
S1	.10000	.10681	.007	6.81	.86064	.001	1
S2	1.2500	1.1581	-.092	-7.36	9.3439	.022	1
S3	2.5000	2.5307	.031	1.23	20.421	.081	1
S4	5.0000	5.0787	.079	1.57	40.983	.828	1
S5	10.000	9.9757	-.024	-.243	80.501	.444	1

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: S0 Acquired: 06/28/2024 14:22:22 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000

User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00013	-.00007	.00013	.00038	.00044	-.00126	.00882	.00039
Stddev	.00009	.00017	.00004	.00007	.00020	.00081	.00200	.00033
%RSD	65.461	262.52	34.079	18.985	45.757	64.289	22.639	83.754
#1	-.00020	-.00024	.00011	.00034	.00067	-.00033	.00805	.00066
#2	-.00015	.00010	.00018	.00047	.00031	-.00159	.00732	.00050
#3	-.00004	-.00006	.00010	.00034	.00034	-.00184	.01108	.00002

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00067	.00429	.00015	-.00026	.00264	.00007	.00000	-.00034
Stddev	.00016	.00065	.00004	.00017	.00050	.00023	.00010	.00033
%RSD	24.329	15.157	27.025	64.597	18.982	328.00	24480.	96.926
#1	.00067	.00426	.00015	-.00014	.00241	.00033	-.00001	-.00054
#2	.00083	.00366	.00019	-.00044	.00321	-.00008	-.00009	.00004
#3	.00051	.00495	.00011	-.00019	.00229	-.00004	.00010	-.00052

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00041	-.00131	-.01864	-.00078	-.00043	.04498	-.00123	.00071
Stddev	.00008	.00010	.00139	.00038	.00027	.00416	.00004	.00035
%RSD	20.180	7.9205	7.4460	49.259	61.681	9.2532	3.3868	48.574
#1	.00044	-.00143	-.01957	-.00100	-.00074	.04502	-.00119	.00050
#2	.00032	-.00126	-.01930	-.00034	-.00028	.04912	-.00128	.00052
#3	.00048	-.00124	-.01705	-.00099	-.00027	.04080	-.00122	.00111

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00010	.00001	.01481	.00029	.00490	-.00849	-.00135
Stddev	.00024	.00010	.00095	.00007	.00027	.00089	.00036
%RSD	243.08	1386.3	6.4314	23.777	5.4275	10.537	26.776
#1	-.00022	.00006	.01476	.00032	.00497	-.00888	-.00172
#2	.00018	-.00011	.01388	.00034	.00460	-.00912	-.00133
#3	-.00025	.00007	.01579	.00021	.00511	-.00746	-.00100

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: S0 Acquired: 06/28/2024 14:22:22 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S0 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.2	31148.	4084.5	1015.6	2851.6
Stddev	.9	117.	8.9	4.7	5.5
%RSD	.05154	.37703	.21694	.45987	.19255
#1	1826.8	31014.	4075.6	1010.2	2854.7
#2	1825.1	31198.	4084.7	1017.9	2854.8
#3	1826.6	31233.	4093.3	1018.6	2845.2

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: S1 Acquired: 06/28/2024 14:26:57 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000

User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00012	.00186	.00125	.00161	.00704	.01435	1.0894	.04103
Stddev	.00008	.00012	.00031	.00014	.00029	.00054	.0045	.00078
%RSD	69.668	6.3696	24.553	8.7384	4.1848	3.7572	.40883	1.9018
#1	.00011	.00193	.00133	.00164	.00724	.01449	1.0868	.04180
#2	.00004	.00172	.00091	.00146	.00670	.01375	1.0869	.04105
#3	.00021	.00192	.00150	.00174	.00718	.01480	1.0946	.04024

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01293	.40920	.00198	.03386	.00691	.00238	.00761	.04322
Stddev	.00011	.00066	.00011	.00027	.00088	.00008	.00026	.00034
%RSD	.84684	.16127	5.5317	.80140	12.737	3.3935	3.3561	.78708
#1	.01281	.40847	.00211	.03354	.00773	.00235	.00734	.04318
#2	.01303	.40975	.00192	.03404	.00598	.00232	.00765	.04357
#3	.01296	.40939	.00192	.03399	.00701	.00247	.00785	.04290

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01747	.00224	.01972	.00819	.00455	.22902	-.00097	.00152
Stddev	.00021	.00005	.00061	.00027	.00097	.00380	.00003	.00088
%RSD	1.1869	2.2623	3.0851	3.2585	21.339	1.6597	3.4675	58.132
#1	.01771	.00218	.01930	.00847	.00449	.22750	-.00096	.00065
#2	.01739	.00227	.01944	.00795	.00362	.23334	-.00095	.00242
#3	.01732	.00227	.02042	.00815	.00556	.22621	-.00101	.00149

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00510	.00142	.23399	.00111	.05299	.01455	.86064
Stddev	.00008	.00008	.00108	.00001	.00052	.00242	.00113
%RSD	1.6633	5.8702	.46096	1.2077	.98430	16.607	.13152
#1	.00501	.00133	.23519	.00110	.05242	.01681	.85938
#2	.00518	.00148	.23369	.00110	.05345	.01483	.86159
#3	.00510	.00145	.23309	.00113	.05309	.01200	.86093

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: S1 Acquired: 06/28/2024 14:26:57 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.0	30925.	4107.2	1009.6	2822.1
Stddev	5.7	125.	12.6	6.4	4.4
%RSD	.31405	.40484	.30717	.63439	.15493
#1	1826.3	31064.	4105.5	1017.0	2826.7
#2	1818.4	30888.	4095.5	1006.7	2821.7
#3	1815.2	30822.	4120.5	1005.2	2818.0

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: S2 Acquired: 06/28/2024 14:31:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.02358	.08694	.85603	.04737	.13001	2.5549	11.921	.85964
Stddev	.00004	.00060	.00502	.00017	.00077	.0070	.016	.00818
%RSD	.15078	.69299	.58671	.35776	.59542	.27328	.13801	.95212
#1	.02361	.08626	.85220	.04727	.13011	2.5629	11.936	.85183
#2	.02354	.08714	.85418	.04727	.12920	2.5506	11.925	.85893
#3	.02359	.08741	.86172	.04756	.13074	2.5511	11.903	.86815

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.3808	4.3460	.58994	.40058	.51216	.72726	1.6319	.47461
Stddev	.0047	.0026	.00137	.00230	.00122	.00091	.0014	.00075
%RSD	.33946	.06061	.23259	.57502	.23803	.12552	.08270	.15749
#1	1.3810	4.3453	.58857	.40003	.51332	.72621	1.6305	.47429
#2	1.3761	4.3490	.58992	.39861	.51089	.72773	1.6332	.47546
#3	1.3854	4.3438	.59132	.40311	.51227	.72784	1.6320	.47408

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.23967	.09186	.23744	.08924	.31106	1.3329	.02768	.71616
Stddev	.00109	.00056	.00165	.00060	.00290	.0024	.00006	.00628
%RSD	.45511	.60678	.69356	.67251	.93318	.17805	.22325	.87758
#1	.23934	.09123	.23810	.08970	.31427	1.3347	.02763	.70916
#2	.23878	.09210	.23557	.08947	.30862	1.3302	.02766	.71799
#3	.24089	.09226	.23866	.08856	.31028	1.3339	.02775	.72132

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.53306	.01618	1.0616	.11968	.53845	.75866	9.3439
Stddev	.00411	.00004	.0043	.00063	.00065	.00289	.0216
%RSD	.77017	.23695	.40012	.52764	.12147	.38064	.23065
#1	.53198	.01622	1.0575	.11907	.53846	.76200	9.3686
#2	.52961	.01618	1.0612	.11964	.53779	.75700	9.3342
#3	.53760	.01614	1.0660	.12033	.53910	.75698	9.3290

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: S2 Acquired: 06/28/2024 14:31:33 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S02 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.4	29505.	4066.1	956.48	2530.5
Stddev	4.4	61.	13.6	8.74	6.8
%RSD	.25450	.20797	.33550	.91329	.26770
#1	1733.9	29540.	4061.1	946.45	2533.1
#2	1737.5	29540.	4081.5	962.47	2535.6
#3	1728.7	29434.	4055.6	960.51	2522.9

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: S3 Acquired: 06/28/2024 14:35:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.05460	.18951	1.8930	.10548	.28925	5.6418	26.246	1.8611
Stddev	.00017	.00067	.0036	.00019	.00062	.0234	.114	.0058
%RSD	.31064	.35358	.18864	.18105	.21283	.41439	.43583	.31244
#1	.05447	.18874	1.8956	.10548	.28947	5.6435	26.253	1.8547
#2	.05479	.18980	1.8889	.10528	.28856	5.6644	26.357	1.8625
#3	.05455	.18999	1.8944	.10567	.28973	5.6177	26.129	1.8660

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.0355	9.4762	1.2768	.89475	1.1093	1.5738	3.5159	1.0485
Stddev	.0045	.0335	.0012	.00075	.0054	.0067	.0147	.0049
%RSD	.14895	.35308	.09544	.08417	.48453	.42673	.41802	.46710
#1	3.0365	9.4790	1.2779	.89468	1.1110	1.5733	3.5175	1.0511
#2	3.0306	9.5082	1.2771	.89403	1.1137	1.5807	3.5298	1.0515
#3	3.0394	9.4415	1.2755	.89553	1.1033	1.5673	3.5005	1.0428

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.53046	.20413	.54097	.19317	.69697	2.9069	.06499	1.5502
Stddev	.00184	.00135	.00217	.00057	.00426	.0126	.00034	.0063
%RSD	.34699	.66104	.40104	.29551	.61088	.43296	.52705	.40531
#1	.53128	.20529	.54313	.19336	.70168	2.9183	.06462	1.5436
#2	.52835	.20447	.54098	.19361	.69582	2.9090	.06504	1.5509
#3	.53174	.20265	.53880	.19252	.69340	2.8934	.06529	1.5561

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1785	.03749	2.2806	.26714	1.1739	1.7019	20.421
Stddev	.0030	.00016	.0096	.00041	.0060	.0042	.081
%RSD	.25157	.42851	.42026	.15237	.51371	.24586	.39788
#1	1.1798	.03768	2.2713	.26693	1.1726	1.7059	20.485
#2	1.1751	.03742	2.2905	.26688	1.1805	1.7022	20.449
#3	1.1805	.03738	2.2799	.26761	1.1686	1.6975	20.329

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: S3 Acquired: 06/28/2024 14:35:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S03 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1648.8	28746.	4034.9	920.37	2361.1
Stddev	5.4	179.	13.5	8.17	6.0
%RSD	.32505	.62437	.33361	.88777	.25615
#1	1649.7	28569.	4024.4	910.99	2361.9
#2	1653.6	28741.	4030.1	924.16	2366.8
#3	1643.0	28928.	4050.1	925.96	2354.7

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: S4 Acquired: 06/28/2024 14:40:04 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.11634	.38128	3.9117	.21980	.61291	11.644	53.154	3.7137
Stddev	.00027	.00154	.0149	.00088	.00347	.030	.119	.0452
%RSD	.23189	.40313	.38149	.40249	.56690	.26047	.22456	1.2171
#1	.11608	.37951	3.8961	.21911	.61157	11.671	53.117	3.7470
#2	.11661	.38215	3.9133	.21949	.61030	11.611	53.057	3.6623
#3	.11633	.38220	3.9258	.22080	.61685	11.649	53.287	3.7319

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.2076	19.150	2.5716	1.8382	2.2355	3.1241	6.9982	2.1550
Stddev	.0086	.036	.0049	.0054	.0089	.0036	.0081	.0022
%RSD	.13826	.18586	.19040	.29511	.39933	.11382	.11548	.10221
#1	6.2121	19.156	2.5722	1.8319	2.2456	3.1282	7.0028	2.1545
#2	6.1977	19.111	2.5664	1.8408	2.2286	3.1219	6.9888	2.1530
#3	6.2130	19.182	2.5762	1.8418	2.2324	3.1223	7.0028	2.1574

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0829	.42846	1.1194	.38786	1.4923	5.9495	.13948	3.0867
Stddev	.0040	.00047	.0027	.00200	.0260	.0346	.00058	.0333
%RSD	.36799	.11020	.24603	.51472	1.7397	.58162	.41392	1.0790
#1	1.0784	.42799	1.1190	.38855	1.4685	5.9877	.14010	3.1055
#2	1.0842	.42847	1.1168	.38562	1.5200	5.9203	.13940	3.0482
#3	1.0861	.42893	1.1223	.38943	1.4884	5.9404	.13895	3.1064

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4406	.08052	4.5044	.55400	2.3465	3.5423	40.983
Stddev	.0073	.00020	.0496	.00187	.0128	.0086	.828
%RSD	.30017	.25440	1.1006	.33784	.54501	.24243	2.0210
#1	2.4382	.08032	4.5381	.55288	2.3553	3.5375	41.423
#2	2.4349	.08049	4.4475	.55296	2.3318	3.5372	40.028
#3	2.4489	.08073	4.5277	.55616	2.3524	3.5522	41.499

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: S4 Acquired: 06/28/2024 14:40:04 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1534.4	27462.	3992.4	851.44	2183.0
Stddev	4.2	113.	18.6	7.48	5.5
%RSD	.27203	.41063	.46690	.87817	.25118
#1	1538.2	27527.	3974.7	856.76	2188.9
#2	1535.0	27332.	4011.9	842.89	2182.2
#3	1530.0	27528.	3990.7	854.68	2178.0

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: S5 Acquired: 06/28/2024 14:44:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.24043	.73739	7.7528	.45699	1.2913	23.713	105.18	7.3140
Stddev	.00195	.00360	.0572	.00345	.0117	.041	1.17	.0403
%RSD	.81072	.48817	.73801	.75393	.90799	.17181	1.1106	.55057
#1	.24201	.73956	7.7915	.45954	1.2974	23.754	103.85	7.2787
#2	.24102	.73937	7.7799	.45836	1.2988	23.672	105.65	7.3579
#3	.23825	.73323	7.6871	.45307	1.2778	23.712	106.03	7.3055

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.137	37.838	4.9801	3.6297	4.4753	6.0692	13.652	4.3389
Stddev	.086	.048	.0074	.0263	.0076	.0105	.017	.0083
%RSD	.71166	.12640	.14911	.72589	.17038	.17286	.12254	.19074
#1	12.213	37.875	4.9804	3.6481	4.4766	6.0809	13.666	4.3453
#2	12.155	37.854	4.9873	3.6415	4.4671	6.0606	13.656	4.3418
#3	12.043	37.784	4.9725	3.5995	4.4822	6.0662	13.634	4.3295

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.1178	.87679	2.2711	.76684	3.1915	12.155	.28573	5.9411
Stddev	.0173	.00130	.0019	.00447	.0280	.019	.00102	.0362
%RSD	.81635	.14835	.08430	.58317	.87687	.15246	.35672	.60851
#1	2.1283	.87529	2.2698	.77159	3.2207	12.149	.28688	5.9349
#2	2.1273	.87757	2.2733	.76271	3.1649	12.141	.28536	5.9799
#3	2.0979	.87751	2.2703	.76621	3.1890	12.176	.28494	5.9085

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.9877	.16654	8.8433	1.0972	4.6428	7.1720	80.501
Stddev	.0410	.00119	.0532	.0072	.0133	.0143	.444
%RSD	.82144	.71645	.60208	.65869	.28576	.20000	.55148
#1	5.0102	.16740	8.8140	1.1032	4.6517	7.1731	80.086
#2	5.0125	.16703	8.9048	1.0992	4.6275	7.1857	80.969
#3	4.9404	.16517	8.8111	1.0891	4.6491	7.1571	80.448

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: S5 Acquired: 06/28/2024 14:44:25 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S05 Custom ID2: Custom ID3:
Comment:

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1380.9	26010.	3872.9	758.47	2000.6
Stddev	11.6	63.	9.9	2.28	14.5
%RSD	.84101	.24043	.25665	.30000	.72462
#1	1373.5	26020.	3880.3	755.89	1990.7
#2	1374.8	26068.	3861.6	760.19	1993.9
#3	1394.3	25944.	3876.7	759.33	2017.3

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: S6 Acquired: 06/28/2024 14:48:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	60.685	60.028	15.513	6.8921	6.0314
Stddev	.561	.030	.027	.0199	.0028
%RSD	.92480	.04996	.17120	.28815	.04711
#1	61.200	59.995	15.490	6.8714	6.0332
#2	60.768	60.054	15.506	6.8939	6.0281
#3	60.087	60.036	15.542	6.9110	6.0328

Int. Std.	Y_3710
Units	Cts/S
Avg	3755.8
Stddev	8.6
%RSD	.22850
#1	3763.4
#2	3746.5
#3	3757.5

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: ICV012 Acquired: 06/28/2024 15:04:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9460613	1.015492	.9530250	.9337470	.9507965	2.396410
Stddev	.0086035	.006532	.0002587	.0047277	.0018673	.008263
%RSD	.9093998	.6432499	.0271395	.5063135	.1963977	.3448028
#1	.9383099	1.008668	.9528766	.9386477	.9529481	2.390142
#2	.9445560	1.021686	.9528748	.9292138	.9498418	2.405774
#3	.9553181	1.016123	.9533236	.9333795	.9495995	2.393314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4937960	.5070186	.4808465	9.835247	.5390104	.4735615
Stddev	.0013928	.0024625	.0011052	.051227	.0020409	.0004912
%RSD	.2820540	.4856844	.2298391	.5208529	.3786331	.1037221
#1	.4947090	.5086715	.4808823	9.844138	.5398731	.4738488
#2	.4944860	.5081959	.4797239	9.881447	.5366799	.4729944
#3	.4921929	.5041884	.4819333	9.780157	.5404783	.4738414

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5168119	10.55182	.5245175	5.596645	.4842562	.2298585
Stddev	.0036951	.01343	.0008896	.048346	.0024162	.0007875
%RSD	.7149772	.1272653	.1695962	.8638433	.4989527	.3425832
#1	.5140744	10.54747	.5254736	5.550820	.4847095	.2297256
#2	.5153464	10.56688	.5243649	5.647170	.4816454	.2291460
#3	.5210149	10.54110	.5237142	5.591944	.4864136	.2307039

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.592316	.5109254	.9216886	9.870189	F -.002419	F .0032324
Stddev	.120898	.0077584	.0122729	.028121	.005266	.0007522
%RSD	1.260362	1.518497	1.331561	.2849106	217.6551	23.26980
#1	9.462456	.5101164	.9083450	9.839004	-.000101	.0023918
#2	9.701615	.5190566	.9242272	9.893620	.001289	.0038421
#3	9.612877	.5036032	.9324936	9.877942	-.008447	.0034633

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: ICV012 Acquired: 06/28/2024 15:04:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.858434	F -.004136	F -.027534	F .0008924	F -.000446	F .0041286
Stddev	.007783	.001372	.000125	.0013857	.001441	.0032961
%RSD	.1602028	33.17460	.4531166	155.2674	323.2666	79.83485
#1	4.858413	-.005062	-.027463	.0022361	.000032	.0078628
#2	4.850661	-.002560	-.027678	.0009730	.000696	.0028986
#3	4.866228	-.004786	-.027461	-.000532	-.002066	.0016244

Elem	Sr4077
Units	ppm
Avg	F .0011435
Stddev	.0000983
%RSD	8.598560
#1	.0010687
#2	.0011068
#3	.0012548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1793.041	30864.88	4159.254	1010.143	2736.172
Stddev	2.042	211.74	8.035	6.638	4.900
%RSD	.1138577	.6860082	.1931930	.6571757	.1790741
#1	1794.321	30856.82	4159.113	1013.572	2741.808
#2	1794.116	31080.53	4167.359	1014.366	2733.780
#3	1790.687	30657.29	4151.290	1002.492	2732.927

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: ICB012 Acquired: 06/28/2024 15:08:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025305	-.001672	-.000523	-.002859	-.001169	-.011053	.0001174
Stddev	.0026957	.000544	.000999	.001273	.002875	.016436	.0002931
%RSD	106.5307	32.53778	190.8087	44.51698	245.8705	148.7037	249.6112
#1	.0006108	-.001803	-.001410	-.002253	-.003203	-.003696	.0004558
#2	.0013683	-.002139	-.000718	-.002002	.002120	-.029883	-.000046
#3	.0056124	-.001075	.000558	-.004321	-.002424	.000420	-.000058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000010	-.000086	.0232397	-.000611	-.000000	.0051461	.0021672
Stddev	.000085	.000069	.0093942	.000264	.000038	.0010508	.0165147
%RSD	854.2410	80.05340	40.42315	43.14007	14578.59	20.41851	762.0240
#1	-.000049	-.000165	.0177633	-.000393	.000043	.0046028	-.015945
#2	-.000069	-.000038	.0178688	-.000904	-.000020	.0063572	.016390
#3	.000088	-.000055	.0340871	-.000536	-.000024	.0044782	.006056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002872	-.004141	-.000017	.0001738	-.059152	.0033340	.0069206
Stddev	.0005107	.019158	.000647	.0002313	.086786	.0009320	.0014050
%RSD	177.8314	462.6697	3713.601	133.0566	146.7167	27.95526	20.30192
#1	.0001313	-.004362	.000061	-.000056	-.060469	.0022844	.0056292
#2	-.000127	-.023188	-.000700	.000171	.028285	.0040648	.0084168
#3	.000858	.015127	.000587	.000406	-.145273	.0036528	.0067157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.265311	-.000820	.0038737	.0000790	.0013166	-.001789	.0017522
Stddev	.013440	.001147	.0005530	.0002288	.0050795	.000790	.0011866
%RSD	5.065643	139.9349	14.27636	289.7103	385.8020	44.17340	67.72044
#1	-.274918	-.001677	.0043466	-.000028	.0066042	-.002122	.0022240
#2	-.249952	.000483	.0040089	.000342	-.003525	-.002358	.0026304
#3	-.271062	-.001265	.0032656	-.000077	.000871	-.000887	.0004023

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: ICB012 Acquired: 06/28/2024 15:08:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB012 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002530	.0026404	-.000114
Stddev	.0013236	.0031124	.000038
%RSD	523.1914	117.8764	33.00885
#1	.0016494	.0012307	-.000156
#2	-.000983	.0062083	-.000083
#3	.000093	.0004823	-.000103

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.734	31266.93	4243.365	1022.318	2861.542
Stddev	5.685	122.85	14.240	7.864	7.278
%RSD	.3113890	.3929042	.3355766	.7692404	.2543488
#1	1827.133	31406.62	4245.840	1031.244	2864.360
#2	1830.590	31175.73	4228.050	1019.301	2866.990
#3	1819.480	31218.42	4256.205	1016.409	2853.276

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: ICSA012 Acquired: 06/28/2024 15:15:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA012 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004512	-.005350	-.001724	-.014866	.0076124	252.3004
Stddev	.003576	.004158	.001384	.010291	.0010202	.5370
%RSD	79.26490	77.71993	80.29403	69.23004	13.40176	.2128358
#1	-.006116	-.007556	-.003322	-.003776	.0087328	252.9190
#2	-.000414	-.007939	-.000881	-.024110	.0073672	251.9541
#3	-.007005	-.000554	-.000969	-.016710	.0067371	252.0282

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063181	.0000385	.0021486	245.1701	.0558604	-.001236
Stddev	.0003757	.0000137	.0001613	.0631	.0011017	.000156
%RSD	5.946908	35.55629	7.508137	.0257418	1.972198	12.63579
#1	.0061012	.0000265	.0021905	245.1396	.0565339	-.001415
#2	.0067520	.0000534	.0019705	245.1280	.0564581	-.001166
#3	.0061011	.0000356	.0022849	245.2427	.0545890	-.001126

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000667	103.0980	.0138417	237.4453	.0059428	-.000838
Stddev	.001648	.0916	.0000307	.5815	.0007769	.000394
%RSD	247.0037	.0888460	.2218743	.2448818	13.07210	47.02474
#1	-.000502	103.0528	.0138204	237.4671	.0068289	-.001091
#2	-.002391	103.2034	.0138278	236.8532	.0056207	-.001039
#3	.000892	103.0377	.0138769	238.0155	.0053788	-.000384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.112183	.0015423	.0185855	-.349506	.0008871	F .0419203
Stddev	.055848	.0010469	.0054643	.111687	.0046373	.0020970
%RSD	49.78262	67.87732	29.40074	31.95574	522.7359	5.002362
#1	-.062738	.0022502	.0197669	-.222003	.0006589	.0396280
#2	-.101054	.0003398	.0126271	-.430029	-.003632	.0437421
#3	-.172757	.0020368	.0233624	-.396485	.005634	.0423908

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: ICSA012 Acquired: 06/28/2024 15:15:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA012 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001098	.0028656	-.005829	-.003683	-.001741	.0058544
Stddev	.000896	.0085288	.000381	.002292	.001382	.0027942
%RSD	81.58592	297.6304	6.542871	62.23956	79.37612	47.72905
#1	-.001996	-.005672	-.005833	-.002774	-.003215	.0038767
#2	-.000205	.011385	-.005446	-.006290	-.001533	.0046355
#3	-.001093	.002884	-.006209	-.001984	-.000475	.0090510

Elem	Sr4077
Units	ppm
Avg	F .1028849
Stddev	.0004441
%RSD	.4316143
#1	.1033462
#2	.1024604
#3	.1028480

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1635.490	27811.26	4023.559	910.3173	2287.431
Stddev	5.021	140.47	22.009	8.6277	2.702
%RSD	.3070111	.5050757	.5469943	.9477630	.1181094
#1	1633.550	27660.56	3998.226	900.7124	2288.080
#2	1641.191	27938.55	4037.983	917.4102	2289.748
#3	1631.728	27834.66	4034.466	912.8293	2284.463

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: ICSAB012 Acquired: 06/28/2024 15:20:11 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: ICSAB012 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973523	.1055314	.0479712	.0348353	.5774474	253.4860
Stddev	.0056363	.0030023	.0027157	.0041960	.0018314	.4323
%RSD	5.789585	2.844955	5.661088	12.04530	.3171570	.1705514
#1	.0981346	.1084323	.0448955	.0395054	.5790650	253.7034
#2	.0913657	.1057247	.0500381	.0336178	.5754590	253.7664
#3	.1025566	.1024370	.0489799	.0313826	.5778184	252.9881

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5220215	.5208934	1.012681	245.9875	.6074406	.4969997
Stddev	.0018384	.0017419	.001731	.6584	.0037013	.0011116
%RSD	.3521762	.3344135	.1709424	.2676376	.6093296	.2236592
#1	.5241316	.5214891	1.011742	246.6135	.6068227	.4975228
#2	.5207654	.5222594	1.011622	246.0481	.6114120	.4957231
#3	.5211675	.5189318	1.014679	245.3010	.6040872	.4977533

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5236229	103.5048	.5412778	238.2644	1.004059	.1852490
Stddev	.0039521	.1003	.0014831	.3535	.001803	.0009949
%RSD	.7547655	.0969414	.2739970	.1483538	.1795346	.5370333
#1	.5278121	103.5528	.5402363	238.5129	1.003196	.1854354
#2	.5230960	103.5721	.5429758	238.4206	1.002850	.1861374
#3	.5199607	103.3894	.5406213	237.8598	1.006131	.1841741

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526839	.5097864	.9720918	-.396076	.0028072	F .0456087
Stddev	.2544798	.0015053	.0135205	.072647	.0029615	.0009685
%RSD	483.0316	.2952890	1.390872	18.34160	105.4960	2.123470
#1	.2745519	.5095046	.9574957	-.455781	.0058465	.0446094
#2	-.225106	.5084419	.9745916	-.315194	.0026448	.0465431
#3	.108606	.5114127	.9841879	-.417253	-.000070	.0456736

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: ICSAB012 Acquired: 06/28/2024 15:20:11 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: ICSAB012 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000617	.0051630	-.006492	-.004137	-.001533	.0050891
Stddev	.000293	.0047074	.000288	.000605	.001293	.0023494
%RSD	47.41523	91.17503	4.437223	14.62991	84.33622	46.16591
#1	-.000872	.0080253	-.006823	-.003476	-.000740	.0025498
#2	-.000682	.0077337	-.006299	-.004665	-.003025	.0055317
#3	-.000298	-.000270	-.006353	-.004270	-.000833	.0071856

Elem	Sr4077
Units	ppm
Avg	F .1032039
Stddev	.0004052
%RSD	.3926045
#1	.1029110
#2	.1036663
#3	.1030344

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1636.344	27832.69	4046.611	910.3774	2300.161
Stddev	4.475	69.75	5.756	4.3938	4.293
%RSD	.2734506	.2505985	.1422323	.4826383	.1866318
#1	1637.577	27878.64	4045.367	914.4113	2303.761
#2	1640.073	27752.43	4041.580	911.0253	2301.312
#3	1631.383	27867.00	4052.887	905.6956	2295.410

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV080 Acquired: 06/28/2024 15:39:06 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV080 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.134430	4.936016	24.90116	4.906844	4.947416	419.4965	10.22363
Stddev	.017191	.015376	.03900	.012165	.023405	1.5357	.01418
%RSD	.3348258	.3115057	.1566008	.2479172	.4730805	.3660730	.1387416
#1	5.114659	4.949700	24.93442	4.918422	4.960496	420.6033	10.23345
#2	5.145854	4.919377	24.85825	4.894167	4.920394	420.1430	10.23008
#3	5.142778	4.938971	24.91082	4.907943	4.961357	417.7433	10.20737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4964459	2.472371	404.6779	15.53235	2.522339	15.25733	408.2213
Stddev	.0018836	.002324	.6049	.01185	.007301	.07336	.7528
%RSD	.3794219	.0940051	.1494693	.0762851	.2894492	.4808394	.1844167
#1	.4980548	2.471892	404.9268	15.51872	2.525989	15.33954	408.7378
#2	.4969089	2.470324	405.1187	15.54015	2.513933	15.23394	408.5687
#3	.4943739	2.474897	403.9883	15.53819	2.527096	15.19852	407.3575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.02219	403.3582	2.536491	1.281053	406.9130	2.490380	15.08807
Stddev	.02727	.8860	.005713	.003983	1.4358	.015805	.16207
%RSD	.1815196	.2196659	.2252145	.3109187	.3528576	.6346363	1.074181
#1	15.04626	404.2149	2.540195	1.283077	407.4211	2.504991	15.16443
#2	15.02774	403.4141	2.529912	1.283618	408.0256	2.473605	14.90192
#3	14.99258	402.4455	2.539366	1.276464	405.2922	2.492545	15.19786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.8652	5.084504	5.077234	4.924758	5.107580	4.942708	5.008650
Stddev	.9848	.015206	.020007	.015814	.026738	.018701	.012368
%RSD	.6400302	.2990562	.3940504	.3211122	.5234928	.3783650	.2469401
#1	154.5770	5.090874	5.075358	4.923473	5.082084	4.950044	5.010813
#2	154.2772	5.067150	5.098113	4.909626	5.105249	4.956629	4.995344
#3	152.7413	5.095489	5.058232	4.941175	5.135407	4.921451	5.019795

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV080 Acquired: 06/28/2024 15:39:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.015080	5.148105	5.064617
Stddev	.018328	.016751	.039920
%RSD	.3654493	.3253791	.7882131
#1	5.034089	5.128903	5.040051
#2	5.013633	5.155690	5.110678
#3	4.997519	5.159721	5.043121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1445.610	26103.70	3908.598	804.7331	2014.898
Stddev	4.028	88.43	19.471	.4028	2.027
%RSD	.2786262	.3387521	.4981624	.0500485	.1005889
#1	1446.218	26122.51	3909.155	804.3725	2015.192
#2	1449.299	26007.38	3888.855	804.6592	2016.762
#3	1441.312	26181.21	3927.786	805.1678	2012.740

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB080 Acquired: 06/28/2024 15:46:12 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCB080 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027202	.0006438	-.001443	.0002545	-.000827	-.000742	.0012082
Stddev	.0054224	.0003521	.001697	.0010303	.000403	.007252	.0007425
%RSD	199.3361	54.68871	117.6044	404.7977	48.70061	976.8360	61.45582
#1	.0089073	.0003160	-.001471	-.000376	-.000420	-.000223	.0005056
#2	.0004586	.0005994	-.003125	-.000304	-.001225	-.008240	.0019850
#3	-.001205	.0010160	.000268	.001444	-.000835	.006236	.0011339

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000344	.0000485	.0392287	-.000295	.0000335	.0059828	.0330581
Stddev	.0000617	.0000914	.0102846	.001047	.0001615	.0039493	.0197636
%RSD	179.3852	188.4951	26.21693	355.2408	482.2333	66.01063	59.78426
#1	.0000759	-.000027	.0437386	.000824	-.000149	.0017467	.0107577
#2	.0000637	.000022	.0274597	-.000457	.000091	.0066384	.0400112
#3	-.000036	.000150	.0464879	-.001252	.000158	.0095633	.0484055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011314	-.003085	.0000863	.0004283	.0940281	.0020010	.0040417
Stddev	.0010704	.050902	.0003624	.0000674	.0291195	.0017714	.0030281
%RSD	94.60674	1650.210	419.8117	15.74161	30.96898	88.52783	74.92099
#1	.0005335	-.052564	.0005039	.0003910	.0627232	.0037001	.0059107
#2	.0004936	-.005819	-.000099	.0005061	.0990528	.0021378	.0005480
#3	.0023672	.049129	-.000146	.0003878	.1203084	.0001651	.0056665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.117502	.0012387	.0074887	.0005749	.0003103	-.001926	.0007032
Stddev	.082881	.0023887	.0009574	.0001639	.0049625	.000212	.0007932
%RSD	70.53561	192.8363	12.78530	28.51004	1599.196	10.98467	112.8030
#1	-.173468	-.000949	.0068497	.0007041	.0060381	-.002113	.0016140
#2	-.156751	.003787	.0070268	.0003905	-.002697	-.001696	.0003312
#3	-.022288	.000878	.0085895	.0006299	-.002410	-.001970	.0001643

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCB080 Acquired: 06/28/2024 15:46:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB080 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004655	.0067217	.0000371
Stddev	.0019143	.0010503	.0001434
%RSD	411.2583	15.62526	386.6021
#1	-.001745	.0074052	.0001726
#2	.001611	.0072476	-.000113
#3	.001530	.0055124	.000052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.747	30932.94	4194.710	1004.259	2810.314
Stddev	1.339	174.13	13.498	1.296	3.973
%RSD	.0745488	.5629210	.3217757	.1290710	.1413895
#1	1797.007	30764.39	4179.900	1002.860	2808.515
#2	1797.937	31112.16	4197.910	1005.420	2814.869
#3	1795.297	30922.26	4206.320	1004.496	2807.558

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161736BL Acquired: 06/28/2024 15:50:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW736 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024587	.0004737	-.001149	-.003163	-.001592	-.008321	.0002961
Stddev	.0011790	.0017388	.001275	.003049	.002589	.010723	.0003450
%RSD	47.95035	367.0905	110.9873	96.39499	162.6418	128.8683	116.4837
#1	.0034228	.0023662	-.002498	.000324	.000894	-.014319	.0003645
#2	.0028090	-.001053	.000037	-.005328	-.004272	-.014702	.0006017
#3	.0011443	.000108	-.000986	-.004485	-.001397	.004059	-.000078

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000624	-.000081	.0154714	-.000114	.0000162	.0041476	.0111830
Stddev	.0001072	.000051	.0218441	.000381	.0001066	.0017242	.0178502
%RSD	171.6450	62.93846	141.1906	334.5048	660.1653	41.57031	159.6187
#1	-.000030	-.000076	.0304376	.000130	-.000046	.0030740	-.004024
#2	.000180	-.000032	-.009595	-.000552	-.000045	.0061363	.030836
#3	.000037	-.000133	.025572	.000081	.000139	.0032323	.006737

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002891	.0311751	.0000383	.0005022	-.044503	.0026076	.0044278
Stddev	.0003172	.0430483	.0004176	.0003515	.179833	.0023623	.0025234
%RSD	109.7230	138.0856	1091.871	69.97784	404.0895	90.59006	56.99144
#1	.0001910	.0044164	.0001767	.0008208	.150895	.0041340	.0037972
#2	.0000325	.0082759	.0003690	.0001253	-.081338	.0038022	.0022794
#3	.0006437	.0808330	-.000431	.0005606	-.203067	-.000113	.0072067

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.349331	.0008019	.0048732	-.000059	.0035750	-.001344	.0005423
Stddev	.021178	.0010760	.0011097	.000244	.0034139	.000359	.0001706
%RSD	6.062345	134.1789	22.77242	410.6689	95.49197	26.74157	31.45615
#1	-.332740	-.000286	.0050686	-.000218	.0018872	-.001150	.0003655
#2	-.373185	.001866	.0058722	-.000182	.0075040	-.001758	.0007059
#3	-.342069	.000826	.0036787	.000222	.0013338	-.001123	.0005556

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161736BL Acquired: 06/28/2024 15:50:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW736 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000953	.0055973	-.000197
Stddev	.000573	.0041711	.000123
%RSD	60.05924	74.51993	62.43017
#1	-.000294	.0056135	-.000316
#2	-.001324	.0014181	-.000070
#3	-.001243	.0097602	-.000204

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.518	31012.18	4218.750	1008.634	2820.890
Stddev	1.970	153.94	16.149	7.048	3.495
%RSD	.1094585	.4963711	.3827818	.6987441	.1238957
#1	1797.878	31182.52	4211.865	1013.544	2823.458
#2	1801.703	30970.99	4207.185	1011.801	2822.303
#3	1798.973	30883.03	4237.200	1000.559	2816.910

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161736BS Acquired: 06/28/2024 15:55:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS736 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202802	.0503995	.0183479	.0652658	.1033156	.3687243
Stddev	.0021748	.0014543	.0016100	.0064605	.0012418	.0147742
%RSD	10.72360	2.885446	8.774873	9.898827	1.201951	4.006855
#1	.0178669	.0489853	.0181301	.0715177	.1018836	.3633468
#2	.0208854	.0518907	.0168579	.0656644	.1039676	.3573919
#3	.0220883	.0503226	.0200558	.0586151	.1040955	.3854341

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3807544	.0099220	.0094281	9.845771	.0199614	.0895655
Stddev	.0004673	.0000985	.0000591	.007508	.0007539	.0001616
%RSD	.1227407	.9923190	.6268863	.0762550	3.777022	.1804114
#1	.3802593	.0098138	.0094141	9.852180	.0207140	.0894336
#2	.3811879	.0099457	.0093772	9.847623	.0192061	.0895173
#3	.3808161	.0100064	.0094929	9.837511	.0199641	.0897457

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528703	.1994137	.0307680	9.337947	.0762881	.0191478
Stddev	.0022710	.0121929	.0006362	.044357	.0009305	.0004111
%RSD	4.295500	6.114383	2.067570	.4750143	1.219731	2.146869
#1	.0543764	.1932687	.0304040	9.368517	.0757916	.0188662
#2	.0539763	.2134565	.0303975	9.358250	.0757112	.0189577
#3	.0502581	.1915159	.0315026	9.287072	.0773616	.0196195

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.641418	.0963817	.1019211	8.705097	.0203217	F .0051081
Stddev	.182363	.0028383	.0080563	.057321	.0020112	.0000569
%RSD	1.891451	2.944852	7.904411	.6584772	9.896786	1.114800
#1	9.806710	.0939412	.1064300	8.644615	.0206694	.0051727
#2	9.671754	.0994964	.0926200	8.712055	.0181593	.0050861
#3	9.445789	.0957076	.1067133	8.758622	.0221364	.0050653

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161736BS Acquired: 06/28/2024 15:55:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS736 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1066172	.1674584	F .4635226	.0127276	.1891823	F .0582206
Stddev	.0001829	.0036478	.0030394	.0002613	.0007923	.0015362
%RSD	.1715695	2.178303	.6557190	2.053249	.4187835	2.638516
#1	.1067112	.1706964	.4609882	.0125867	.1900350	.0580530
#2	.1064064	.1681723	.4626872	.0125668	.1890431	.0567752
#3	.1067341	.1635065	.4668923	.0130291	.1884689	.0598337

Elem	Sr4077
Units	ppm
Avg	.1949099
Stddev	.0009466
%RSD	.4856403
#1	.1940378
#2	.1947754
#3	.1959165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1787.869	30396.82	4197.249	992.7280	2754.993
Stddev	3.725	33.35	5.957	9.6805	6.728
%RSD	.2083222	.1097306	.1419294	.9751381	.2441957
#1	1786.506	30364.43	4204.031	985.0848	2753.817
#2	1792.083	30431.06	4192.864	989.4858	2762.231
#3	1785.017	30394.99	4194.851	1003.613	2748.931

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161704BL Acquired: 06/28/2024 15:59:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS704 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010445	.0012534	-.001365	-.002544	-.000449	-.005401	.0005203
Stddev	.0011619	.0006836	.001193	.002524	.001152	.011543	.0004184
%RSD	111.2459	54.53830	87.40243	99.21985	256.8925	213.7089	80.42723
#1	.0008452	.0012128	-.000070	.000277	-.000064	-.013737	.0000497
#2	-.000005	.0005910	-.001606	-.004587	.000462	.007774	.0006608
#3	.002293	.0019564	-.002420	-.003321	-.001744	-.010240	.0008504

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000005	-.000043	.0160900	.0002870	.0001448	.0028917	.0044885
Stddev	.000067	.000035	.0099851	.0005335	.0000386	.0041197	.0061929
%RSD	1267.791	82.50514	62.05742	185.8955	26.68155	142.4663	137.9730
#1	-.000070	-.000078	.0089916	.0004602	.0001287	-.000279	.0032441
#2	-.000010	-.000042	.0275076	.0007124	.0001169	.007548	-.000988
#3	.000064	-.000008	.0117710	-.000312	.0001889	.001406	.011209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003042	-.040641	.0000246	.0003988	-.034528	.0049356	-.000497
Stddev	.0001728	.023329	.0003431	.0001196	.226852	.0013666	.004772
%RSD	56.80691	57.40414	1393.964	29.97735	657.0155	27.68736	960.1172
#1	.0002060	-.064821	-.000340	.0004890	.176193	.0064974	.002526
#2	.0002029	-.038835	.000341	.0004442	-.274645	.0043500	-.005998
#3	.0005037	-.018267	.000072	.0002632	-.005131	.0039595	.001981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.362189	-.000881	.0032122	.0003528	.0021738	-.001627	.0005358
Stddev	.114657	.002149	.0004567	.0004543	.0043863	.000181	.0016766
%RSD	31.65658	243.9972	14.21795	128.7668	201.7815	11.09725	312.8992
#1	-.365843	.001459	.0027226	.0007980	.0072211	-.001435	-.000160
#2	-.474976	-.001336	.0036267	.0003707	-.000714	-.001794	.002448
#3	-.245749	-.002766	.0032873	-.000110	.000015	-.001650	-.000681

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161704BL Acquired: 06/28/2024 15:59:56 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: PBS704 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001469	.0012716	-.000125
Stddev	.0002487	.0011479	.000076
%RSD	169.2949	90.26770	60.31392
#1	.0001922	.0014944	-.000124
#2	-.000121	.0000287	-.000050
#3	.000370	.0022918	-.000201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.608	31250.66	4229.887	1012.912	2836.265
Stddev	2.587	160.65	14.511	6.143	1.524
%RSD	.1429557	.5140667	.3430490	.6065099	.0537460
#1	1812.198	31432.85	4241.035	1010.270	2836.953
#2	1807.024	31129.33	4213.480	1019.934	2837.324
#3	1809.602	31189.81	4235.145	1008.531	2834.518

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161704BS Acquired: 06/28/2024 16:04:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS704 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210501	.0493182	.0174079	.0627464	.1057705	.3476352
Stddev	.0046603	.0010440	.0008054	.0074888	.0021064	.0064418
%RSD	22.13899	2.116964	4.626470	11.93507	1.991485	1.853023
#1	.0158279	.0505032	.0183249	.0548191	.1081974	.3522486
#2	.0225367	.0485337	.0168153	.0637183	.1046967	.3402754
#3	.0247857	.0489178	.0170836	.0697019	.1044174	.3503816

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3818660	.0098706	.0094944	9.910695	.0203796	.0898798
Stddev	.0013210	.0000406	.0000714	.025743	.0002264	.0005657
%RSD	.3459356	.4113505	.7518124	.2597512	1.111047	.6293791
#1	.3833433	.0098260	.0095514	9.882655	.0201186	.0901687
#2	.3807983	.0098806	.0094143	9.916168	.0204970	.0892280
#3	.3814563	.0099053	.0095175	9.933261	.0205234	.0902427

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530618	.2084884	.0319561	9.359223	.0766607	.0191673
Stddev	.0027446	.0044414	.0001533	.039970	.0001253	.0002818
%RSD	5.172457	2.130307	.4797889	.4270671	.1634120	1.470034
#1	.0555896	.2037719	.0318568	9.402593	.0767308	.0189363
#2	.0501424	.2091023	.0321326	9.351207	.0767353	.0194812
#3	.0534534	.2125909	.0318787	9.323868	.0765161	.0190845

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.07247	.1034059	.1049297	8.555242	.0152301	F .0032041
Stddev	.10414	.0012929	.0032262	.157573	.0026062	.0010953
%RSD	1.033933	1.250283	3.074647	1.841832	17.11218	34.18440
#1	10.19269	.1025055	.1066292	8.591527	.0168019	.0034540
#2	10.01453	.1028249	.1012090	8.691508	.0122218	.0041528
#3	10.01018	.1048874	.1069509	8.382692	.0166668	.0020054

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161704BS Acquired: 06/28/2024 16:04:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS704 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065423	.1675264	F .4660048	.0118771	.1892801	F .0783295
Stddev	.0005210	.0039270	.0025864	.0011750	.0012432	.0013861
%RSD	.4890350	2.344129	.5550172	9.893157	.6567887	1.769554
#1	.1070230	.1674655	.4671850	.0131731	.1902925	.0784113
#2	.1059886	.1636301	.4677906	.0115769	.1878926	.0769043
#3	.1066153	.1714835	.4630388	.0108813	.1896553	.0796729

Elem	Sr4077
Units	ppm
Avg	.1923328
Stddev	.0015414
%RSD	.8014183
#1	.1936507
#2	.1927098
#3	.1906379

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1796.343	30749.46	4268.527	1004.951	2763.358
Stddev	3.246	20.04	15.654	2.869	8.229
%RSD	.1807181	.0651860	.3667239	.2854432	.2977750
#1	1794.514	30772.58	4263.733	1006.477	2764.969
#2	1800.092	30737.04	4255.831	1001.642	2770.663
#3	1794.425	30738.75	4286.017	1006.733	2754.444

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161705BL Acquired: 06/28/2024 16:08:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS705 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000690	.0013574	-.001197	-.003731	-.001684	-.024571
Stddev	.005923	.0014354	.001048	.002444	.001408	.004003
%RSD	858.2842	105.7439	87.56770	65.48611	83.65876	16.29036
#1	.006051	.0013885	-.000088	-.004231	-.003270	-.022223
#2	-.005060	-.000093	-.002171	-.001077	-.001198	-.029193
#3	-.003061	.002777	-.001332	-.005887	-.000582	-.022298

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007879	.0000519	-.000028	.0153329	-.000057	-.000119
Stddev	.0003529	.0000361	.000049	.0107684	.000558	.000198
%RSD	44.79131	69.51717	174.5384	70.23096	972.5135	165.8437
#1	.0011395	.0000277	-.000046	.0037257	-.000686	-.000137
#2	.0007904	.0000346	.000027	.0172747	.000136	.000087
#3	.0004337	.0000934	-.000067	.0249983	.000378	-.000308

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004300	-.008512	.0005520	-.023988	-.000092	.0000930
Stddev	.0018098	.010053	.0005039	.029680	.000307	.0002704
%RSD	420.8933	118.0994	91.28815	123.7281	332.8592	290.8452
#1	-.001364	-.010871	.0001826	-.011246	-.000303	-.000116
#2	.000399	.002510	.0011260	-.057912	.000260	.000398
#3	.002255	-.017175	.0003473	-.002807	-.000234	-.000004

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0279061	.0024838	-.000018	-.445330	.0000644	.0030197
Stddev	.0552260	.0011915	.004079	.051486	.0029535	.0017715
%RSD	197.8993	47.97208	22126.85	11.56129	4585.166	58.66481
#1	-.006790	.0037670	-.003209	-.423195	.0033777	.0049916
#2	-.001082	.0022721	-.001424	-.504181	-.000892	.0025051
#3	.091590	.0014123	.004577	-.408613	-.002292	.0015625

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161705BL Acquired: 06/28/2024 16:08:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS705 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002238	.0019725	-.001009	.0000042	-.000662	F .0301344
Stddev	.0001005	.0019650	.000310	.0006003	.000945	.0029462
%RSD	44.87706	99.62219	30.71877	14400.71	142.7835	9.776982
#1	.0001209	.0014656	-.001081	.0006186	-.001745	.0272478
#2	.0003216	.0041413	-.000670	-.000581	-.000244	.0300185
#3	.0002291	.0003106	-.001277	-.000025	.000002	.0331369

Elem	Sr4077
Units	ppm
Avg	-.000142
Stddev	.000036
%RSD	25.60917
#1	-.000169
#2	-.000101
#3	-.000156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.948	31170.04	4233.428	1020.930	2837.112
Stddev	5.108	130.94	13.415	6.379	3.758
%RSD	.2811242	.4200856	.3168820	.6248176	.1324743
#1	1822.172	31196.52	4234.980	1022.644	2841.071
#2	1816.707	31027.88	4219.305	1013.870	2833.592
#3	1811.965	31285.72	4246.000	1026.277	2836.673

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161705BS Acquired: 06/28/2024 16:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS705 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237220	.0475793	.0170472	.0617211	.1039316	.3443908
Stddev	.0049163	.0015527	.0010968	.0067994	.0020590	.0196665
%RSD	20.72461	3.263387	6.433878	11.01624	1.981127	5.710523
#1	.0206407	.0460627	.0183048	.0546312	.1060193	.3225405
#2	.0211336	.0475093	.0162889	.0681869	.1019025	.3499590
#3	.0293917	.0491657	.0165479	.0623453	.1038732	.3606728

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3785100	.0097982	.0092398	9.866801	.0199335	.0889314
Stddev	.0008789	.0000414	.0000641	.076422	.0003458	.0006891
%RSD	.2322091	.4219675	.6937997	.7745342	1.734739	.7748943
#1	.3785113	.0097660	.0093098	9.811404	.0199658	.0886313
#2	.3793883	.0098449	.0092258	9.953986	.0202620	.0884432
#3	.3776305	.0097839	.0091839	9.835013	.0195727	.0897197

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0530865	.2091296	.0309212	9.331798	.0755604	.0189927
Stddev	.0042590	.0106452	.0005002	.045889	.0014763	.0002695
%RSD	8.022798	5.090236	1.617614	.4917474	1.953756	1.419188
#1	.0483750	.2070369	.0312174	9.305093	.0767192	.0192800
#2	.0566631	.1996862	.0312025	9.384785	.0738983	.0189526
#3	.0542214	.2206657	.0303437	9.305515	.0760638	.0187454

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13380	.0966836	.1086136	8.519695	.0181580	F .0024935
Stddev	.31416	.0005678	.0083074	.029009	.0046167	.0006546
%RSD	3.100138	.5872399	7.648624	.3404959	25.42527	26.25426
#1	9.81857	.0962983	.1053319	8.533802	.0228660	.0018918
#2	10.13595	.0964168	.1180606	8.538953	.0136383	.0023981
#3	10.44688	.0973356	.1024483	8.486330	.0179696	.0031906

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161705BS Acquired: 06/28/2024 16:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS705 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1045201	.1615440	F .4661449	.0119174	.1893086	F .0826313
Stddev	.0008118	.0025617	.0009307	.0006617	.0025921	.0019044
%RSD	.7766787	1.585746	.1996511	5.552708	1.369227	2.304642
#1	.1043324	.1611581	.4655589	.0111549	.1868918	.0845105
#2	.1038186	.1591972	.4672180	.0123411	.1920461	.0807028
#3	.1054093	.1642767	.4656578	.0122563	.1889879	.0826807

Elem	Sr4077
Units	ppm
Avg	.1929671
Stddev	.0010982
%RSD	.5691037
#1	.1931228
#2	.1939791
#3	.1917993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.159	30868.00	4249.414	1012.803	2776.083
Stddev	10.705	43.82	7.587	3.919	15.094
%RSD	.5920644	.1419730	.1785483	.3869065	.5437149
#1	1808.738	30886.46	4242.112	1008.282	2777.114
#2	1818.564	30899.57	4248.874	1015.222	2790.635
#3	1797.176	30817.96	4257.257	1014.905	2760.500

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161706BL Acquired: 06/28/2024 16:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS706 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015158	.0008061	-.000665	.0010579	-.002702	-.017840
Stddev	.0021164	.0015539	.000655	.0003916	.001642	.009415
%RSD	139.6210	192.7709	98.41096	37.01503	60.76204	52.77690
#1	.0038596	.0006006	-.000759	.0013651	-.001566	-.017712
#2	.0009430	-.000635	-.001269	.0006170	-.004584	-.008489
#3	-.000255	.002452	.000031	.0011917	-.001956	-.027319

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004877	.0000013	-.000068	.0147145	.0001798	-.000010
Stddev	.0004712	.0001059	.000064	.0074817	.0006713	.000097
%RSD	96.61145	8495.504	92.82421	50.84598	373.4517	1018.704
#1	.0002627	.0001222	.000004	.0174466	-.000077	-.000116
#2	.0010293	-.000075	-.000098	.0062507	-.000325	.000014
#3	.0001712	-.000043	-.000112	.0204461	.000941	.000074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038883	.0108781	-.000236	-.006374	-.000531	.0002478
Stddev	.0013334	.0162781	.000304	.024068	.000175	.0001594
%RSD	34.29332	149.6411	129.0895	377.6032	32.95567	64.32547
#1	.0050296	-.007545	-.000497	-.032907	-.000480	.0003165
#2	.0042127	.016864	.000099	-.000268	-.000387	.0000656
#3	.0024226	.023316	-.000309	.014053	-.000725	.0003613

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3884263	.0016838	.0029714	-.441626	-.000015	.0012146
Stddev	.1867927	.0031276	.0053117	.033292	.002786	.0005007
%RSD	48.08962	185.7460	178.7648	7.538450	19136.39	41.22638
#1	.1786360	.0052705	.0008063	-.420906	-.000793	.0014341
#2	.4499329	-.000474	-.000916	-.423945	-.002329	.0006416
#3	.5367099	.000255	.009024	-.480028	.003078	.0015679

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161706BL Acquired: 06/28/2024 16:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS706 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000135	.0014071	-.000849	.0008281	-.000191	F .0271947
Stddev	.000319	.0050739	.000556	.0002225	.000561	.0012793
%RSD	235.7023	360.5974	65.46963	26.86425	292.9654	4.704236
#1	.000029	-.004429	-.000240	.0009992	.000261	.0283233
#2	.000068	.004776	-.000978	.0005766	-.000016	.0258050
#3	-.000502	.003874	-.001328	.0009085	-.000818	.0274557

Elem	Sr4077
Units	ppm
Avg	-.000193
Stddev	.000062
%RSD	32.39588
#1	-.000167
#2	-.000264
#3	-.000147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1816.649	31187.85	4243.327	1017.756	2836.025
Stddev	1.191	93.63	7.806	4.221	3.491
%RSD	.0655385	.3002180	.1839534	.4147498	.1230956
#1	1816.593	31108.09	4242.670	1022.354	2834.115
#2	1817.866	31290.94	4235.870	1016.857	2840.054
#3	1815.487	31164.52	4251.440	1014.057	2833.906

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161706BS Acquired: 06/28/2024 16:22:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS706 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187075	.0496715	.0173096	.0564074	.1053336	.3480705
Stddev	.0020530	.0027850	.0011005	.0039604	.0033539	.0097208
%RSD	10.97423	5.606841	6.357992	7.021128	3.184087	2.792757
#1	.0199133	.0528736	.0176378	.0596280	.1083112	.3495902
#2	.0198722	.0483278	.0182087	.0519854	.1059893	.3569418
#3	.0163370	.0478132	.0160823	.0576088	.1017002	.3376793

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3851758	.0098714	.0096547	10.02346	.0211379	.0907637
Stddev	.0026257	.0000668	.0000562	.08112	.0007670	.0008195
%RSD	.6816759	.6762793	.5821648	.8092576	3.628576	.9028504
#1	.3855589	.0099278	.0095910	10.03803	.0204628	.0903942
#2	.3823797	.0097976	.0096761	9.93604	.0209789	.0901940
#3	.3875889	.0098887	.0096971	10.09630	.0219719	.0917028

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0526052	.2141930	.0314653	9.491440	.0770970	.0195050
Stddev	.0008679	.0186769	.0014191	.083422	.0006715	.0006052
%RSD	1.649760	8.719679	4.510121	.8789219	.8709485	3.102535
#1	.0526901	.2356343	.0311783	9.552476	.0763877	.0201902
#2	.0516980	.2014648	.0302116	9.396383	.0777228	.0190439
#3	.0534274	.2054798	.0330060	9.525461	.0771805	.0192807

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06745	.1013169	.1121265	8.685382	.0173756	F .0024167
Stddev	.03081	.0033117	.0100247	.051050	.0027235	.0004808
%RSD	.3060753	3.268634	8.940517	.5877741	15.67430	19.89646
#1	10.10120	.0996645	.1220771	8.703643	.0201727	.0020939
#2	10.04082	.0991565	.1020294	8.627712	.0172219	.0021868
#3	10.06033	.1051296	.1122730	8.724789	.0147322	.0029693

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161706BS Acquired: 06/28/2024 16:22:37 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: LCS706 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065296	.1687021	F .4681425	.0116658	.1918015	F .0851933
Stddev	.0005470	.0042631	.0041233	.0009312	.0013607	.0021769
%RSD	.5134239	2.527025	.8807820	7.982027	.7094161	2.555198
#1	.1070503	.1672512	.4703613	.0126755	.1929287	.0829132
#2	.1065787	.1653537	.4633849	.0114808	.1902900	.0854172
#3	.1059597	.1735013	.4706813	.0108409	.1921857	.0872496

Elem	Sr4077
Units	ppm
Avg	.1966031
Stddev	.0006166
%RSD	.3136460
#1	.1965314
#2	.1960255
#3	.1972525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.558	30732.98	4282.773	1006.051	2773.106
Stddev	3.024	163.93	20.758	1.697	5.047
%RSD	.1670943	.5334093	.4846929	.1686784	.1819941
#1	1808.938	30544.65	4273.216	1006.532	2773.038
#2	1812.844	30843.68	4306.589	1004.166	2778.187
#3	1806.892	30810.60	4268.516	1007.456	2768.093

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161707BL Acquired: 06/28/2024 16:27:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS707 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017445	.0003668	.0000804	-.001168	-.000304	-.012199
Stddev	.0023513	.0012803	.0008392	.003846	.002179	.011728
%RSD	134.7855	349.0580	1044.150	329.3665	717.0797	96.13517
#1	.0005024	.0017037	.0010023	.003097	.002204	-.005786
#2	.0002747	.0002447	-.000639	-.002229	-.001378	-.025735
#3	.0044564	-.000848	-.000122	-.004372	-.001738	-.005077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005824	-.000049	-.000102	.0171740	-.000206	-.000128
Stddev	.0000642	.000015	.000096	.0126456	.000535	.000044
%RSD	11.02132	29.54848	94.61828	73.63228	259.2349	34.31578
#1	.0006177	-.000065	-.000202	.0281340	-.000466	-.000146
#2	.0006211	-.000037	-.000010	.0200498	.000409	-.000160
#3	.0005083	-.000046	-.000094	.0033381	-.000562	-.000078

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021687	.0030126	.0000809	-.002023	-.000597	.0006903
Stddev	.0021473	.0047403	.0002652	.070162	.000246	.0002405
%RSD	99.01262	157.3486	327.9482	3468.978	41.16412	34.84350
#1	.0003924	.0034981	.0003870	-.082072	-.000858	.0006059
#2	.0045550	.0074916	-.000076	.027199	-.000562	.0009617
#3	.0015588	-.001952	-.000069	.048806	-.000371	.0005034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1707556	.0023835	.0013472	-.488844	.0018097	.0008959
Stddev	.0210282	.0015652	.0008734	.112314	.0033967	.0003789
%RSD	12.31479	65.66889	64.83189	22.97530	187.6963	42.29742
#1	.1933002	.0013259	.0021655	-.420569	.0050111	.0009983
#2	.1672929	.0016430	.0014484	-.618471	-.001753	.0012131
#3	.1516737	.0041815	.0004276	-.427493	.002171	.0004763

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161707BL Acquired: 06/28/2024 16:27:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS707 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004264	-.002491	-.001148	-.000325	-.000467	F .0286831
Stddev	.0003335	.006319	.000563	.000720	.000541	.0012694
%RSD	78.21427	253.6543	49.03926	221.3013	115.7195	4.425447
#1	.0004175	.002834	-.001581	.000277	-.000478	.0273325
#2	.0000974	-.000834	-.001350	-.001122	.000079	.0288652
#3	.0007642	-.009474	-.000512	-.000131	-.001003	.0298516

Elem	Sr4077
Units	ppm
Avg	-.000133
Stddev	.000018
%RSD	13.33084
#1	-.000132
#2	-.000151
#3	-.000115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.582	31363.85	4266.513	1024.939	2831.429
Stddev	3.178	74.43	8.518	1.857	6.264
%RSD	.1748270	.2373107	.1996584	.1811657	.2212405
#1	1820.124	31376.64	4267.115	1023.166	2836.885
#2	1818.602	31431.05	4257.710	1026.870	2832.813
#3	1814.019	31283.85	4274.715	1024.780	2824.588

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161707BS Acquired: 06/28/2024 16:31:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS707 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203879	.0518631	.0176257	.0629307	.1053312	.3579485
Stddev	.0015477	.0005805	.0023235	.0026737	.0009449	.0062615
%RSD	7.591213	1.119233	13.18254	4.248659	.8970623	1.749267
#1	.0189664	.0521577	.0150649	.0658559	.1049079	.3543721
#2	.0220366	.0511944	.0195993	.0623231	.1046719	.3542949
#3	.0201607	.0522371	.0182128	.0606131	.1064137	.3651785

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3896250	.0100301	.0096216	10.13344	.0216010	.0918166
Stddev	.0010762	.0001130	.0000252	.02935	.0002035	.0000756
%RSD	.2762134	1.126348	.2618890	.2896168	.9423336	.0823533
#1	.3903785	.0101573	.0096110	10.11433	.0218175	.0917514
#2	.3901041	.0099917	.0096035	10.16723	.0215719	.0917989
#3	.3883925	.0099413	.0096504	10.11876	.0214136	.0918995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0522377	.2203097	.0314397	9.530315	.0781573	.0195208
Stddev	.0015943	.0217836	.0009847	.032271	.0005343	.0001692
%RSD	3.051971	9.887707	3.132131	.3386166	.6836486	.8667504
#1	.0529049	.2454619	.0323727	9.564260	.0778859	.0195184
#2	.0533901	.2079517	.0315359	9.526654	.0787728	.0196911
#3	.0504183	.2075155	.0304103	9.500030	.0778130	.0193528

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.983104	.1036446	.1064402	8.726221	.0160103	F .0023433
Stddev	.244095	.0033201	.0024615	.088286	.0025875	.0007123
%RSD	2.445084	3.203347	2.312587	1.011733	16.16170	30.39872
#1	9.721950	.1074776	.1042297	8.794215	.0130701	.0031619
#2	10.02186	.1017917	.1090928	8.758003	.0179406	.0018650
#3	10.20550	.1016644	.1059982	8.626444	.0170202	.0020030

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161707BS Acquired: 06/28/2024 16:31:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS707 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076746	.1639995	F .4751134	.0130337	.1939192	F .0828699
Stddev	.0008307	.0033919	.0014633	.0010939	.0017518	.0000949
%RSD	.7714509	2.068221	.3079910	8.392644	.9033826	.1145321
#1	.1068114	.1627596	.4748865	.0118360	.1949328	.0827604
#2	.1077441	.1678369	.4737768	.0132852	.1949284	.0829209
#3	.1084683	.1614021	.4766769	.0139800	.1918963	.0829284

Elem	Sr4077
Units	ppm
Avg	.1976377
Stddev	.0005086
%RSD	.2573432
#1	.1973003
#2	.1982227
#3	.1973901

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1799.421	30686.08	4275.276	1004.274	2760.164
Stddev	5.553	9.01	4.200	3.208	2.127
%RSD	.3086188	.0293655	.0982385	.3194805	.0770560
#1	1798.089	30684.24	4270.922	1006.567	2761.798
#2	1805.519	30695.86	4275.605	1000.608	2760.934
#3	1794.654	30678.12	4279.302	1005.648	2757.759

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161708BL Acquired: 06/28/2024 16:36:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS708 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002417	.0007759	.0005351	-.003548	-.002058	-.022007
Stddev	.005630	.0013046	.0007724	.003393	.002371	.003976
%RSD	232.9092	168.1358	144.3437	95.60757	115.2094	18.06808
#1	-.000282	-.000711	.0011632	-.007321	-.001864	-.026598
#2	-.008802	.001312	.0007695	-.002575	.000210	-.019725
#3	.001833	.001727	-.000327	-.000749	-.004520	-.019697

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002746	-.000018	-.000114	.0116790	-.000070	-.000033
Stddev	.0000695	.000098	.000078	.0076860	.000841	.000280
%RSD	25.29829	555.6641	68.32597	65.81021	1195.341	853.7955
#1	.0002123	-.000116	-.000156	.0117120	-.000812	.000042
#2	.0002621	.000081	-.000161	.0193484	.000844	-.000342
#3	.0003495	-.000018	-.000024	.0039766	-.000243	.000202

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013952	.0097954	.0004414	-.001325	-.000544	-.000040
Stddev	.0013943	.0030526	.0008416	.013204	.000463	.000187
%RSD	99.93528	31.16356	190.6759	996.1554	85.05813	469.8102
#1	.0020546	.0082226	.0012672	-.004462	-.000558	-.000202
#2	-.000206	.0078500	.0004720	.013164	-.001000	.000165
#3	.002337	.0133137	-.000415	-.012679	-.000075	-.000082

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2972188	.0038995	.0008672	-.447306	-.001595	.0013694
Stddev	.2834838	.0011915	.0050122	.016381	.000928	.0009510
%RSD	95.37883	30.55552	577.9923	3.662155	58.17458	69.44337
#1	.0078681	.0025768	.0005082	-.457065	-.001870	.0007887
#2	.3093415	.0042328	.0060492	-.428394	-.002354	.0024669
#3	.5744467	.0048888	-.003956	-.456460	-.000561	.0008527

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161708BL Acquired: 06/28/2024 16:36:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS708 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002539	.0068829	-.001299	.0002659	.0000769	F .0281986
Stddev	.0007800	.0027703	.000260	.0009976	.0014608	.0015442
%RSD	307.1972	40.24830	20.01660	375.1424	1898.834	5.476048
#1	.0007991	.0045617	-.001397	.0012688	.0010125	.0299572
#2	-.000640	.0061374	-.001004	.0002552	.0008247	.0270644
#3	.000602	.0099497	-.001496	-.000726	-.001606	.0275743

Elem	Sr4077
Units	ppm
Avg	-.000157
Stddev	.000043
%RSD	27.50835
#1	-.000192
#2	-.000171
#3	-.000109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1812.902	31129.42	4276.542	1016.263	2830.743
Stddev	3.346	45.55	20.894	3.319	6.460
%RSD	.1845533	.1463289	.4885798	.3266192	.2282226
#1	1811.196	31172.67	4253.490	1020.092	2830.205
#2	1816.757	31081.87	4281.900	1014.498	2837.456
#3	1810.753	31133.71	4294.235	1014.199	2824.568

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161708BS Acquired: 06/28/2024 16:40:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS708 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0246132	.0510943	.0174719	.0637140	.1077148	.3578480
Stddev	.0072382	.0005772	.0007408	.0037544	.0013075	.0082274
%RSD	29.40769	1.129655	4.239844	5.892516	1.213826	2.299136
#1	.0261410	.0517104	.0174734	.0593835	.1077879	.3648892
#2	.0167331	.0505661	.0182119	.0657060	.1063724	.3598505
#3	.0309656	.0510064	.0167303	.0660526	.1089842	.3488041

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3882278	.0099497	.0096170	10.11216	.0206690	.0919806
Stddev	.0012885	.0001571	.0000190	.00595	.0002778	.0001668
%RSD	.3318851	1.578813	.1974789	.0588393	1.344059	.1813714
#1	.3881835	.0101306	.0095970	10.10599	.0205899	.0919838
#2	.3869621	.0098471	.0096194	10.11265	.0209777	.0918121
#3	.3895379	.0098715	.0096347	10.11786	.0204393	.0921457

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0528525	.2139846	.0316211	9.567964	.0774132	.0195625
Stddev	.0002990	.0054522	.0009962	.035627	.0005473	.0003475
%RSD	.5658164	2.547932	3.150334	.3723554	.7070105	1.776326
#1	.0525641	.2161485	.0305201	9.599175	.0768516	.0193797
#2	.0528322	.2077827	.0324601	9.575567	.0774430	.0193446
#3	.0531612	.2180227	.0318831	9.529149	.0779450	.0199632

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04903	.1029637	.0965718	8.822870	.0148890	F .0018126
Stddev	.16049	.0023141	.0110285	.142280	.0014973	.0006622
%RSD	1.597100	2.247483	11.42000	1.612625	10.05660	36.53231
#1	10.23434	.1052745	.1063666	8.764802	.0159581	.0017773
#2	9.95851	.1006463	.0846264	8.718808	.0131777	.0011688
#3	9.95425	.1029702	.0987223	8.985000	.0155311	.0024917

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161708BS Acquired: 06/28/2024 16:40:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS708 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1105297	.1715661	F .4746896	.0127749	.1961322	F .0855053
Stddev	.0007845	.0022280	.0043955	.0008791	.0012447	.0009721
%RSD	.7097301	1.298604	.9259633	6.881869	.6346249	1.136892
#1	.1110867	.1691511	.4790789	.0131906	.1963688	.0863139
#2	.1096326	.1720055	.4702880	.0133690	.1947861	.0844267
#3	.1108699	.1735416	.4747019	.0117649	.1972416	.0857752

Elem	Sr4077
Units	ppm
Avg	.1985656
Stddev	.0018505
%RSD	.9319316
#1	.1975563
#2	.1974391
#3	.2007013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.728	30766.99	4275.309	1004.085	2762.460
Stddev	2.119	260.78	21.615	9.936	6.214
%RSD	.1178213	.8476031	.5055789	.9895865	.2249516
#1	1798.506	31066.55	4264.267	1015.299	2760.373
#2	1800.950	30643.70	4300.214	1000.579	2769.449
#3	1796.729	30590.71	4261.444	996.377	2757.557

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161709BL Acquired: 06/28/2024 16:45:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS709 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021084	-.001207	-.001846	-.001714	-.001951	-.018736
Stddev	.0037406	.001288	.000780	.002666	.000876	.006302
%RSD	177.4189	106.7001	42.25085	155.5777	44.88191	33.63517
#1	-.000695	.000277	-.002196	-.001844	-.002962	-.011672
#2	.000665	-.001865	-.000952	-.004312	-.001441	-.023779
#3	.006356	-.002033	-.002389	.001015	-.001450	-.020758

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010315	.0000190	-.000037	.0118027	-.000429	.0000582
Stddev	.0005569	.0000392	.000063	.0041993	.000349	.0001235
%RSD	53.99632	205.9810	169.4837	35.57930	81.35592	212.4337
#1	.0016619	-.000015	-.000107	.0078738	-.000202	.0001945
#2	.0008261	.000010	.000013	.0113061	-.000254	.0000264
#3	.0006063	.000062	-.000016	.0162283	-.000831	-.000046

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029466	.0045812	.0000662	-.010846	.0000037	.0002496
Stddev	.0025699	.0137403	.0003142	.004207	.0002163	.0001737
%RSD	87.21327	299.9294	474.5584	38.78544	5887.208	69.57577
#1	.0055404	.0196685	.0004289	-.010451	.0001927	.0003070
#2	.0004014	.0012892	-.000110	-.006850	.0000506	.0000545
#3	.0028982	-.007214	-.000120	-.015236	-.000232	.0003873

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3138026	.0022177	-.000233	-.512123	.0010891	.0004577
Stddev	.3125283	.0021624	.007659	.048030	.0010259	.0005372
%RSD	99.59390	97.50503	3282.898	9.378524	94.20011	117.3651
#1	.5940129	.0030697	.007962	-.522706	.0008310	.0010239
#2	-.023243	.0038243	-.001452	-.553979	.0022195	-.000045
#3	.370638	-.000241	-.007209	-.459685	.0002169	.000394

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161709BL Acquired: 06/28/2024 16:45:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS709 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002543	.0035648	-.001184	.0004184	-.000619	F .0260675
Stddev	.0002599	.0046533	.000191	.0003222	.000980	.0018409
%RSD	102.2061	130.5361	16.10690	77.00538	158.3428	7.061916
#1	.0005410	.0051130	-.000966	.0000938	.000499	.0260084
#2	.0001877	.0072467	-.001266	.0007381	-.001024	.0279373
#3	.0000342	-.001665	-.001320	.0004233	-.001331	.0242569

Elem	Sr4077
Units	ppm
Avg	-.000139
Stddev	.000065
%RSD	46.55565
#1	-.000073
#2	-.000142
#3	-.000202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.632	31153.38	4302.840	1016.573	2848.202
Stddev	3.151	338.38	26.562	18.181	7.378
%RSD	.1727120	1.086169	.6173187	1.788488	.2590442
#1	1826.942	30762.74	4298.460	995.626	2856.467
#2	1821.042	31355.82	4278.740	1025.824	2842.279
#3	1825.911	31341.58	4331.320	1028.267	2845.860

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161709BS Acquired: 06/28/2024 16:49:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS709 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192083	.0493401	.0191917	.0653181	.1063344	.3511739
Stddev	.0052340	.0006998	.0010565	.0023023	.0044288	.0065033
%RSD	27.24850	1.418264	5.505088	3.524807	4.164960	1.851880
#1	.0186992	.0499966	.0203901	.0627962	.1075898	.3444023
#2	.0142474	.0486039	.0187903	.0673075	.1014134	.3517488
#3	.0246781	.0494198	.0183947	.0658506	.1099999	.3573707

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3870738	.0098706	.0096463	10.06506	.0207432	.0910986
Stddev	.0029423	.0001527	.0001083	.03548	.0005126	.0006776
%RSD	.7601506	1.547152	1.122307	.3524759	2.471058	.7438084
#1	.3889467	.0100221	.0095224	10.10584	.0202239	.0905297
#2	.3885923	.0098731	.0097224	10.04805	.0212488	.0909178
#3	.3836824	.0097167	.0096943	10.04129	.0207570	.0918482

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0536756	.2013997	.0313382	9.450861	.0768082	.0196951
Stddev	.0023348	.0053971	.0012148	.038244	.0006961	.0003780
%RSD	4.349830	2.679782	3.876336	.4046643	.9063202	1.919480
#1	.0514392	.2038807	.0326600	9.494233	.0764196	.0200126
#2	.0560977	.1952083	.0302708	9.421979	.0763931	.0192769
#3	.0534900	.2051102	.0310839	9.436371	.0776118	.0197958

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20335	.1012178	.1041787	8.627945	.0195406	F .0015749
Stddev	.24582	.0023760	.0081625	.122864	.0045857	.0003038
%RSD	2.409210	2.347434	7.835073	1.424026	23.46735	19.29146
#1	10.12979	.1030157	.1132157	8.725799	.0186138	.0017822
#2	10.47756	.0985241	.1019790	8.490057	.0245188	.0012262
#3	10.00271	.1021137	.0973415	8.667978	.0154891	.0017163

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161709BS Acquired: 06/28/2024 16:49:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS709 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1095118	.1704614	F .4719762	.0133519	.1917693	F .0821363
Stddev	.0008730	.0069700	.0057274	.0009948	.0015301	.0032816
%RSD	.7971521	4.088882	1.213502	7.450908	.7978667	3.995274
#1	.1092157	.1754051	.4779718	.0128781	.1924070	.0799750
#2	.1088254	.1734897	.4665611	.0126826	.1928773	.0805216
#3	.1104943	.1624896	.4713958	.0144951	.1900235	.0859124

Elem	Sr4077
Units	ppm
Avg	.1950211
Stddev	.0008320
%RSD	.4266326
#1	.1959272
#2	.1948447
#3	.1942915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1798.473	30744.21	4309.824	1012.062	2757.847
Stddev	2.719	53.42	25.328	3.992	6.885
%RSD	.1511605	.1737560	.5876769	.3943931	.2496490
#1	1800.124	30803.72	4281.566	1016.547	2764.552
#2	1799.959	30700.39	4330.482	1008.899	2758.193
#3	1795.335	30728.51	4317.424	1010.740	2750.796

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-01 Acquired: 06/28/2024 16:54:11 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10R8 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006498	-.001389	-.000605	-.001140	-.002601	-.016406	.0007688
Stddev	.0023964	.001174	.001190	.004579	.001107	.001403	.0003656
%RSD	368.7683	84.49882	196.7107	401.6365	42.57540	8.550280	47.55565
#1	-.001744	-.002390	-.001777	.001244	-.002256	-.015257	.0006241
#2	.003049	-.001680	-.000640	.001755	-.003840	-.017969	.0011846
#3	.000644	-.000097	.000602	-.006419	-.001708	-.015991	.0004977

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000056	-.000067	.0398531	.0004570	-.000003	.0031149	.0297976
Stddev	.000080	.000034	.0024209	.0006519	.000319	.0006492	.0105765
%RSD	142.0821	49.93293	6.074450	142.6388	10797.76	20.84284	35.49437
#1	-.000145	-.000095	.0371052	.0006656	-.000336	.0025487	.0313054
#2	-.000031	-.000030	.0407832	.0009791	.000299	.0038235	.0395393
#3	.000008	-.000077	.0416710	-.000274	.000028	.0029724	.0185482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061183	.0083526	.0004014	.0002776	.2419535	.0030558	.0094079
Stddev	.0002431	.0315159	.0003477	.0001557	.2047221	.0011102	.0034949
%RSD	3.973180	377.3204	86.61540	56.09506	84.61214	36.33160	37.14823
#1	.0058768	.0440355	.0007983	.0001173	.1586174	.0039133	.0058186
#2	.0061153	-.003300	.0001509	.0004283	.0920428	.0034523	.0096051
#3	.0063629	-.015678	.0002549	.0002870	.4752004	.0018017	.0128001

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.914365	.0094378	.0061537	.0002540	.0154399	-.006759	-.001312
Stddev	.042134	.0007301	.0004449	.0002473	.0021362	.000673	.000540
%RSD	4.607981	7.736169	7.229311	97.33090	13.83569	9.953803	41.13648
#1	-.949531	.0096760	.0056786	-.000011	.0166557	-.005983	-.001554
#2	-.867665	.0086183	.0065604	.000479	.0129733	-.007178	-.001689
#3	-.925898	.0100190	.0062221	.000294	.0166906	-.007115	-.000694

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-01 Acquired: 06/28/2024 16:54:11 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10R8 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001025	.0201194	-.000030
Stddev	.001062	.0015079	.000021
%RSD	103.5995	7.494880	67.70808
#1	-.002224	.0218605	-.000052
#2	-.000653	.0192695	-.000012
#3	-.000200	.0192282	-.000027

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.226	32662.32	4472.082	1058.451	2969.484
Stddev	2.397	133.75	3.106	6.682	7.674
%RSD	.1278253	.4094846	.0694531	.6312528	.2584353
#1	1877.231	32789.65	4470.995	1061.474	2968.311
#2	1875.875	32522.97	4469.665	1050.793	2977.678
#3	1872.571	32674.33	4475.585	1063.088	2962.464

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-02 Acquired: 06/28/2024 16:58:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E10R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032415	-.000756	-.001923	.0031348	-.001380	-.015794	.0013921
Stddev	.0045605	.000257	.001047	.0030287	.001507	.001340	.0001446
%RSD	140.6918	34.04412	54.46143	96.61445	109.1594	8.481650	10.38463
#1	.0041002	-.000492	-.003132	.0045352	.000022	-.017321	.0012686
#2	.0073116	-.001007	-.001278	-.000341	-.002974	-.014817	.0013566
#3	-.001687	-.000769	-.001360	.005210	-.001190	-.015244	.0015511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000033	-.000078	.0159904	.0004463	-.000284	.0034985	.0079851
Stddev	.000045	.000033	.0098457	.0005429	.000184	.0035996	.0062537
%RSD	137.8380	41.95783	61.57267	121.6456	64.92284	102.8892	78.31654
#1	-.000003	-.000087	.0262600	.0009228	-.000494	.0044418	.0050819
#2	-.000085	-.000042	.0150793	.0005609	-.000149	.0065326	.0151627
#3	-.000011	-.000106	.0066319	-.000145	-.000209	-.000479	.0037108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043672	.0467077	-.000115	.0004374	.2939721	.0026943	.0006299
Stddev	.0008174	.0243368	.000229	.0004298	.2040122	.0021102	.0042354
%RSD	18.71792	52.10461	198.0872	98.26424	69.39846	78.32088	672.4038
#1	.0034402	.0359124	.000080	.0007155	.2279421	.0045863	.0045703
#2	.0049849	.0296358	-.000367	.0006544	.1311531	.0030780	.0011683
#3	.0046765	.0745748	-.000059	-.000058	.5228213	.0004186	-.003849

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.956638	.0084203	.0058197	.0001724	.0151044	-.006825	-.002302
Stddev	.040392	.0015288	.0005218	.0002449	.0028414	.000747	.000699
%RSD	4.222313	18.15615	8.966694	142.0791	18.81205	10.95262	30.34401
#1	-.910502	.0091028	.0057861	.0000395	.0144851	-.006165	-.001563
#2	-.973775	.0094890	.0053154	.0000226	.0182044	-.007636	-.002392
#3	-.985636	.0066692	.0063575	.0004550	.0126236	-.006673	-.002951

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2975-02 Acquired: 06/28/2024 16:58:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E10R9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000733	.0192600	-.000159
Stddev	.000978	.0026169	.000043
%RSD	133.4112	13.58695	27.20585
#1	.000387	.0169158	-.000196
#2	-.001171	.0220833	-.000169
#3	-.001416	.0187811	-.000111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.907	32085.58	4415.313	1042.024	2922.927
Stddev	4.579	90.77	12.905	10.930	4.741
%RSD	.2486194	.2828885	.2922726	1.048947	.1622106
#1	1843.549	32092.98	4402.550	1043.950	2927.633
#2	1845.439	31991.34	4428.355	1030.259	2922.996
#3	1836.733	32172.42	4415.035	1051.863	2918.152

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-03 Acquired: 06/28/2024 17:03:13 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10S0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019217	-.000941	-.002475	.0002154	-.005110	-.005118	.0018355
Stddev	.0026472	.001777	.001807	.0026306	.002656	.015515	.0001382
%RSD	137.7516	188.8285	72.98485	1221.129	51.97701	303.1380	7.527846
#1	.0035028	-.002847	-.002456	.0007543	-.003807	.010962	.0018715
#2	.0033966	.000670	-.000678	-.002643	-.003358	-.019998	.0019521
#3	-.001134	-.000647	-.004291	.002535	-.008166	-.006319	.0016829

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000075	.0509717	-.000335	-.000056	.0031738	.0168098
Stddev	.000033	.000102	.0054300	.000214	.000224	.0032243	.0091059
%RSD	156.9293	135.7020	10.65305	63.84505	398.1558	101.5930	54.17041
#1	-.000014	-.000190	.0528675	-.000580	.000149	.0042009	.0242360
#2	.000008	-.000043	.0551998	-.000190	-.000294	.0057595	.0195431
#3	-.000057	.000007	.0448480	-.000233	-.000024	-.000439	.0066502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070360	.0154013	.0005401	.0002312	.1779491	.0032031	.0012711
Stddev	.0007959	.0406536	.0001194	.0000620	.1125812	.0041123	.0038010
%RSD	11.31252	263.9622	22.10880	26.81126	63.26600	128.3843	299.0404
#1	.0066235	-.000157	.0006229	.0002104	.0853176	.0078663	-.000942
#2	.0065309	-.015175	.0005941	.0003008	.3032527	.0016470	.005660
#3	.0079535	.061536	.0004032	.0001822	.1452768	.0000960	-.000905

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.963152	.0070951	.0063426	.0000859	.0116190	-.005763	-.001687
Stddev	.063911	.0027635	.0011570	.0000903	.0042460	.000385	.000350
%RSD	6.635646	38.95004	18.24132	105.0417	36.54380	6.683246	20.76458
#1	-.933838	.0071272	.0062099	-.000018	.0149986	-.005608	-.002022
#2	-1.03646	.0043156	.0075601	.000143	.0068531	-.006202	-.001717
#3	-.91916	.0098424	.0052576	.000133	.0130052	-.005479	-.001323

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-03 Acquired: 06/28/2024 17:03:13 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10S0 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001185	.0188724	.0000066
Stddev	.001159	.0017460	.0000781
%RSD	97.85114	9.251574	1176.248
#1	.000147	.0171570	-.000007
#2	-.001970	.0188125	.000091
#3	-.001730	.0206475	-.000064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.328	32098.77	4397.535	1040.675	2932.989
Stddev	4.730	7.47	2.016	1.214	6.361
%RSD	.2556323	.0232862	.0458550	.1166467	.2168738
#1	1851.508	32090.55	4395.935	1041.547	2936.299
#2	1854.356	32100.57	4399.800	1041.190	2937.012
#3	1845.120	32105.17	4396.870	1039.289	2925.655

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-04 Acquired: 06/28/2024 17:07:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10S1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048583	.0009957	-.001988	-.001262	-.003529	-.014910	.0009650
Stddev	.0046298	.0002949	.001697	.002118	.002420	.004875	.0001099
%RSD	95.29702	29.61891	85.39268	167.7891	68.56265	32.69805	11.38649
#1	.0097513	.0012663	-.003942	.000048	-.003620	-.009308	.0009844
#2	.0042770	.0010395	-.001139	-.000129	-.005902	-.018194	.0010639
#3	.0005466	.0006813	-.000882	-.003706	-.001065	-.017228	.0008467

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000034	-.000132	.0094242	-.000097	.0001001	.0020316	.0236746
Stddev	.000062	.000054	.0047484	.000252	.0001291	.0024386	.0112307
%RSD	180.1444	40.74552	50.38502	258.9489	128.9464	120.0321	47.43763
#1	.000035	-.000073	.0094493	.000166	.0000822	-.000114	.0131573
#2	-.000054	-.000177	.0046633	-.000337	-.000019	.004684	.0223630
#3	-.000083	-.000145	.0141601	-.000121	.000237	.001525	.0355034

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036179	.0040909	.0003866	.0004735	.3111638	.0033292	.0002263
Stddev	.0003643	.0561711	.0001492	.0002695	.1098174	.0010556	.0019893
%RSD	10.06993	1373.063	38.60445	56.91699	35.29247	31.70714	879.1137
#1	.0037621	.0468382	.0002370	.0006490	.2709330	.0043913	-.001181
#2	.0032036	-.059528	.0003872	.0001632	.2271351	.0033159	-.000642
#3	.0038881	.024963	.0005355	.0006083	.4354231	.0022803	.002502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.971242	.0070778	.0059339	.0002228	.0159437	-.007789	-.001684
Stddev	.035881	.0016607	.0008063	.0002380	.0004973	.000450	.000744
%RSD	3.694350	23.46378	13.58846	106.8506	3.119235	5.780606	44.18074
#1	-1.00684	.0058763	.0067982	.0004947	.0157787	-.008279	-.000955
#2	-.97180	.0089729	.0052020	.0000526	.0155498	-.007395	-.001654
#3	-.93509	.0063843	.0058014	.0001210	.0165025	-.007692	-.002442

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-04 Acquired: 06/28/2024 17:07:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10S1 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000558	.0172902	-.000055
Stddev	.000340	.0018079	.000085
%RSD	60.89522	10.45626	153.8975
#1	-.000901	.0156357	-.000006
#2	-.000550	.0192200	-.000154
#3	-.000222	.0170150	-.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.773	32195.93	4427.267	1046.960	2926.349
Stddev	4.332	107.65	5.067	7.795	10.328
%RSD	.2348007	.3343691	.1144546	.7444969	.3529150
#1	1844.478	32161.86	4431.470	1040.766	2928.012
#2	1849.244	32109.43	4421.640	1044.401	2935.745
#3	1840.596	32316.49	4428.690	1055.712	2915.291

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-05 Acquired: 06/28/2024 17:12:15 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10S2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014427	.0006952	.0002683	.0001624	-.001651	-.005534	.0013072
Stddev	.0019442	.0007621	.0014979	.0031534	.001071	.008093	.0002983
%RSD	134.7644	109.6212	558.1867	1942.096	64.83314	146.2351	22.82155
#1	.0026243	.0004639	-.000971	.0037245	-.000789	-.013918	.0013581
#2	.0025050	.0000755	-.000157	-.000965	-.001316	-.004918	.0015767
#3	-.000801	.0015460	.001933	-.002272	-.002850	.002233	.0009866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000130	-.000103	.0578850	-.000166	-.000009	.0024616	.0089711
Stddev	.000043	.000036	.0071246	.000283	.000262	.0023530	.0059896
%RSD	32.98953	35.34981	12.30824	170.2493	2938.638	95.58890	66.76491
#1	-.000143	-.000063	.0496860	-.000016	.000151	.0001629	.0138841
#2	-.000082	-.000111	.0625697	-.000493	.000134	.0023566	.0022990
#3	-.000164	-.000134	.0613993	.000010	-.000312	.0048654	.0107304

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039729	-.045496	.0003912	.0005659	.2980159	.0029739	.0001520
Stddev	.0002121	.029015	.0003316	.0002967	.1186314	.0025588	.0026956
%RSD	5.338698	63.77423	84.77127	52.43476	39.80707	86.04321	1773.067
#1	.0037645	-.072906	.0004325	.0004650	.1633365	.0055315	.0031908
#2	.0039657	-.015106	.0000409	.0003329	.3436876	.0029764	-.001951
#3	.0041885	-.048477	.0007002	.0009000	.3870236	.0004138	-.000784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.02604	.0095133	.0059597	.0002367	.0053667	-.005611	-.002580
Stddev	.09170	.0009896	.0010121	.0005477	.0014450	.000499	.001410
%RSD	8.937205	10.40263	16.98276	231.3673	26.92535	8.891832	54.67071
#1	-1.01776	.0106560	.0048058	.0007972	.0065763	-.006178	-.001048
#2	-1.12160	.0089414	.0066972	-.000297	.0057573	-.005412	-.002866
#3	-.93876	.0089424	.0063762	.000210	.0037666	-.005242	-.003825

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-05 Acquired: 06/28/2024 17:12:15 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10S2 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000668	.0222336	.0000562
Stddev	.000921	.0032659	.0001376
%RSD	137.8597	14.68893	244.5974
#1	-.001043	.0257285	.0000820
#2	.000381	.0192592	-.000092
#3	-.001343	.0217132	.000179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.945	32166.57	4425.163	1044.396	2926.968
Stddev	5.037	154.07	19.931	2.838	4.781
%RSD	.2726992	.4789884	.4504040	.2716924	.1633521
#1	1842.101	32044.98	4432.765	1041.336	2921.856
#2	1846.579	32339.85	4402.550	1046.941	2927.719
#3	1852.154	32114.90	4440.175	1044.909	2931.329

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-06 Acquired: 06/28/2024 17:16:48 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E10S3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022977	.0000003	-.002273	-.007064	-.002899	-.019899	.0007183
Stddev	.0024449	.0017455	.001901	.001419	.000266	.011170	.0001823
%RSD	106.4052	536904.1	83.60062	20.08062	9.179705	56.13522	25.37892
#1	.0047539	.0016453	-.002553	-.008687	-.003102	-.026682	.0008946
#2	-.000136	-.001831	-.000248	-.006444	-.002598	-.026007	.0007296
#3	.002275	.000186	-.004018	-.006062	-.002998	-.007006	.0005306

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000054	-.000065	.1286654	-.000402	-.000043	.0024249	.0122467
Stddev	.000048	.000002	.0110229	.000257	.000114	.0020403	.0088487
%RSD	88.76997	2.566921	8.567091	63.98796	262.1167	84.14172	72.25417
#1	-.000092	-.000066	.1324286	-.000105	-.000170	.0014750	.0212979
#2	-.000071	-.000066	.1373139	-.000542	-.000009	.0010326	.0118266
#3	-.000000	-.000063	.1162537	-.000560	.000049	.0047669	.0036154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060945	.0040302	.0004399	.0005968	.3124826	.0037822	.0044656
Stddev	.0003885	.0618685	.0002289	.0000775	.3392219	.0006783	.0024977
%RSD	6.375483	1535.131	52.04252	12.98401	108.5571	17.93452	55.93276
#1	.0058368	.0375262	.0007037	.0005953	.3174209	.0031737	.0065907
#2	.0059053	-.067364	.0003227	.0006751	-.029182	.0045136	.0050916
#3	.0065414	.041929	.0002933	.0005201	.649208	.0036593	.0017144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.909001	.0114836	.0060200	.0001890	.0196159	-.006051	-.002058
Stddev	.025599	.0028066	.0006194	.0001987	.0053203	.000664	.001250
%RSD	2.816211	24.43968	10.28913	105.1794	27.12218	10.98101	60.74987
#1	-.883990	.0082982	.0066403	-.000008	.0250367	-.005300	-.000964
#2	-.935151	.0125600	.0054015	.000389	.0194086	-.006291	-.003421
#3	-.907862	.0135926	.0060181	.000186	.0144023	-.006562	-.001789

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2975-06 Acquired: 06/28/2024 17:16:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E10S3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001679	.0197489	.0004873
Stddev	.000386	.0040375	.0001086
%RSD	22.97983	20.44440	22.29214
#1	-.002002	.0205331	.0006100
#2	-.001782	.0153768	.0004486
#3	-.001252	.0233368	.0004033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1846.998	32173.50	4413.080	1043.522	2932.026
Stddev	2.279	137.90	17.278	5.417	5.625
%RSD	.1233864	.4286139	.3915162	.5190701	.1918560
#1	1845.502	32310.82	4422.635	1049.651	2929.020
#2	1849.621	32174.66	4393.135	1041.542	2938.516
#3	1845.870	32035.03	4423.470	1039.375	2928.543

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV081 Acquired: 06/28/2024 17:21:19 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV081 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.133754	4.926323	24.71450	4.912510	4.927457	416.1346	10.05084
Stddev	.043895	.004562	.02288	.013452	.007823	.7683	.03340
%RSD	.8550196	.0925951	.0925571	.2738261	.1587623	.1846298	.3323133
#1	5.122650	4.924770	24.69496	4.918667	4.924045	415.5710	10.07358
#2	5.096478	4.922741	24.70886	4.897082	4.921919	415.8229	10.01249
#3	5.182135	4.931458	24.73966	4.921782	4.936406	417.0097	10.06644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4820858	2.437847	401.4158	15.45626	2.520933	15.02215	402.3460
Stddev	.0016378	.005215	.9847	.02572	.004061	.02598	.7574
%RSD	.3397304	.2139387	.2453088	.1663921	.1610824	.1729717	.1882491
#1	.4808307	2.437650	401.1357	15.47124	2.517499	14.99222	401.8304
#2	.4839384	2.432733	400.6015	15.47099	2.519886	15.03525	401.9921
#3	.4814881	2.443158	402.5103	15.42657	2.525415	15.03898	403.2156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.82037	397.7779	2.536626	1.285154	411.2055	2.463299	14.87634
Stddev	.04419	1.3848	.001309	.003722	.5734	.000815	.06080
%RSD	.2981580	.3481411	.0515965	.2895875	.1394319	.0330662	.4086835
#1	14.78942	396.3765	2.536078	1.289347	410.5754	2.463872	14.91211
#2	14.80072	397.8115	2.535681	1.283871	411.3446	2.463657	14.80614
#3	14.87098	399.1456	2.538120	1.282243	411.6965	2.462366	14.91077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.7923	5.080879	5.003015	4.899849	5.105487	4.877101	4.964729
Stddev	.2410	.014307	.009163	.003311	.005798	.009943	.019431
%RSD	.1587450	.2815944	.1831546	.0675723	.1135627	.2038649	.3913812
#1	151.5873	5.094128	4.994218	4.901028	5.099160	4.867636	4.955839
#2	152.0577	5.065707	5.002321	4.896110	5.110545	4.887461	4.951332
#3	151.7318	5.082801	5.012505	4.902409	5.106755	4.876207	4.987014

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV081 Acquired: 06/28/2024 17:21:19 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV081 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.995414	5.188692	4.974502
Stddev	.010942	.020795	.034985
%RSD	.2190435	.4007694	.7032908
#1	4.995928	5.192721	4.942331
#2	4.984225	5.166178	4.969429
#3	5.006091	5.207178	5.011747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1448.697	26088.20	3989.045	808.4498	2009.422
Stddev	.968	30.77	10.047	2.3581	1.040
%RSD	.0667967	.1179291	.2518714	.2916826	.0517502
#1	1447.581	26056.44	3997.820	806.0679	2009.580
#2	1449.207	26117.86	3991.230	810.7833	2010.374
#3	1449.304	26090.32	3978.085	808.4981	2008.313

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB081 Acquired: 06/28/2024 17:25:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036811	.0009204	-.000392	-.002671	.0002825	-.018831
Stddev	.0007927	.0020216	.001387	.006545	.0010474	.006552
%RSD	21.53265	219.6403	354.1233	245.0460	370.8028	34.79252
#1	.0028826	.0005930	.001177	-.010201	-.000903	-.014293
#2	.0036930	.0030858	-.000897	.000529	.000667	-.015858
#3	.0044678	-.000918	-.001455	.001658	.001083	-.026343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007397	.0000191	-.000025	.0203722	.0001463	.0001463
Stddev	.0003369	.0000503	.000081	.0100494	.0000853	.0001337
%RSD	45.54923	263.9942	320.7422	49.32898	58.32681	91.32350
#1	.0009767	-.000030	-.000008	.0250707	.0002448	-.000001
#2	.0003540	.000070	.000046	.0272118	.0000937	.000259
#3	.0008883	.000018	-.000113	.0088342	.0001005	.000181

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042042	.0134201	-.000159	.0095830	-.000366	.0004983
Stddev	.0046694	.0148968	.000139	.0228468	.000629	.0001714
%RSD	111.0656	111.0038	87.30113	238.4091	171.9487	34.40136
#1	.0095511	.0301369	-.000031	-.006638	-.000725	.0003178
#2	.0021317	.0085727	-.000139	-.000324	-.000732	.0006589
#3	.0009298	.0015507	-.000307	.035711	.000360	.0005181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2721895	.0039794	-.000785	-.222111	-.002029	.0099968
Stddev	.1789298	.0020200	.001921	.055282	.000826	.0002553
%RSD	65.73721	50.76200	244.7613	24.88929	40.69807	2.553641
#1	.1312644	.0060671	-.002881	-.166676	-.001103	.0102262
#2	.4734991	.0020346	-.000366	-.277239	-.002297	.0100423
#3	.2118051	.0038367	.000892	-.222419	-.002688	.0097218

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB081 Acquired: 06/28/2024 17:25:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004725	.0085148	-.001079	.0002552	-.000899	F .0331294
Stddev	.0004784	.0019784	.000197	.0014577	.000399	.0035774
%RSD	101.2615	23.23432	18.22646	571.1949	44.39094	10.79827
#1	.0004033	.0099674	-.001301	-.001355	-.000703	.0309050
#2	.0009817	.0093153	-.001009	.000635	-.000635	.0372560
#3	.0000324	.0062616	-.000927	.001486	-.001358	.0312271

Elem	Sr4077
Units	ppm
Avg	.0000835
Stddev	.0000968
%RSD	115.9616
#1	.0001804
#2	.0000834
#3	-.000013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1797.440	30929.38	4276.350	1007.396	2807.476
Stddev	4.244	38.14	4.381	1.316	4.909
%RSD	.2361004	.1233083	.1024439	.1305888	.1748628
#1	1792.700	30885.47	4278.445	1006.946	2803.037
#2	1800.885	30948.38	4279.290	1008.878	2812.749
#3	1798.737	30954.28	4271.315	1006.365	2806.643

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-07 Acquired: 06/28/2024 17:30:11 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E1179 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025857	-.000716	-.000441	-.002848	-.002908	-.012796	.0010778
Stddev	.0063068	.000652	.001480	.008233	.001040	.002774	.0000710
%RSD	243.9170	91.08733	335.7735	289.0353	35.75604	21.67992	6.590108
#1	-.004434	-.000102	.001230	-.005932	-.002073	-.010547	.0011196
#2	.004416	-.000646	-.001584	.006481	-.004073	-.015896	.0011181
#3	.007775	-.001400	-.000968	-.009095	-.002579	-.011945	.0009958

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000014	-.000057	.0154435	-.000263	-.000206	.0025847	.0050047
Stddev	.000028	.000131	.0064888	.000543	.000241	.0008559	.0180518
%RSD	193.3370	229.5647	42.01623	206.6778	116.9715	33.11234	360.6948
#1	-.000001	-.000136	.0219671	-.000886	.000027	.0025926	-.012166
#2	.000004	-.000129	.0089901	.000116	-.000455	.0034366	.023824
#3	-.000046	.000094	.0153732	-.000019	-.000190	.0017249	.003356

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015717	-.006541	.0005942	.0005014	.0641668	.0027795	.0028755
Stddev	.0003485	.004243	.0000644	.0002445	.0788221	.0029619	.0018701
%RSD	22.17739	64.86876	10.83455	48.76395	122.8392	106.5629	65.03400
#1	.0013263	-.002066	.0005632	.0007475	.0552174	.0015088	.0048516
#2	.0014180	-.007053	.0005512	.0004983	-.009799	.0061646	.0011335
#3	.0019706	-.010506	.0006682	.0002585	.147082	.0006649	.0026415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.900376	.0083439	.0087504	.0005537	.0064674	-.004778	-.002350
Stddev	.091035	.0050493	.0004652	.0001138	.0021224	.000650	.000557
%RSD	10.11081	60.51481	5.316303	20.55995	32.81701	13.59612	23.71674
#1	-.834357	.0085628	.0088363	.0006850	.0057186	-.005514	-.002978
#2	-1.00423	.0132803	.0082483	.0004926	.0048209	-.004284	-.002152
#3	-.86254	.0031888	.0091668	.0004834	.0088627	-.004537	-.001918

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2975-07 Acquired: 06/28/2024 17:30:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E1179 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000359	.0194148	-.000185
Stddev	.000535	.0018465	.000060
%RSD	149.0767	9.510906	32.12428
#1	-.000854	.0175552	-.000149
#2	.000209	.0212479	-.000153
#3	-.000431	.0194413	-.000254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1857.960	32330.31	4452.945	1050.354	2939.928
Stddev	1.976	65.23	22.177	6.557	2.274
%RSD	.1063764	.2017665	.4980276	.6242329	.0773450
#1	1859.756	32395.40	4476.875	1042.999	2939.759
#2	1858.283	32330.59	4448.875	1052.478	2942.281
#3	1855.843	32264.94	4433.085	1055.585	2937.743

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-08 Acquired: 06/28/2024 17:34:43 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E1180 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045369	-.001845	-.000428	-.001950	-.005172	-.010596	.0006770
Stddev	.0018798	.002772	.000715	.005602	.001934	.011231	.0008303
%RSD	41.43388	150.2664	167.2098	287.2964	37.39415	105.9884	122.6430
#1	.0042625	-.004291	-.000897	-.007247	-.003161	-.020687	.0015734
#2	.0028093	.001166	.000395	.003914	-.005336	-.012605	.0005233
#3	.0065388	-.002409	-.000781	-.002517	-.007018	.001504	-.000066

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000023	-.000188	.0013683	-.000375	-.000099	.0026133	.0133244
Stddev	.000089	.000030	.0027118	.001024	.000141	.0007804	.0017703
%RSD	392.0731	16.16166	198.1912	273.2353	142.3347	29.86146	13.28591
#1	.000008	-.000221	.0026865	.000468	-.000252	.0022194	.0121497
#2	-.000123	-.000162	.0031689	-.001515	-.000071	.0035122	.0153606
#3	.000047	-.000180	-.001751	-.000078	.000026	.0021084	.0124630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012541	-.009912	.0002888	.0005510	.3064178	.0051257	.0013545
Stddev	.0002852	.048720	.0001416	.0003507	.2391406	.0028852	.0059805
%RSD	22.73718	491.5143	49.01199	63.65894	78.04397	56.28933	441.5189
#1	.0015740	.016394	.0002652	.0001505	.2627451	.0027664	.0047606
#2	.0011618	.019999	.0004407	.0008035	.5643850	.0042681	.0048538
#3	.0010265	-.066130	.0001606	.0006990	.0921233	.0083424	-.005551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.971047	.0071898	.0074533	.0002701	.0068327	-.002091	-.002608
Stddev	.020255	.0016213	.0003683	.0004966	.0011906	.000316	.001415
%RSD	2.085925	22.54933	4.941948	183.8599	17.42449	15.13208	54.25659
#1	-.947856	.0053470	.0070378	-.000173	.0067136	-.001973	-.002724
#2	-.980010	.0078256	.0075825	.000177	.0080784	-.002450	-.001139
#3	-.985274	.0083968	.0077397	.000807	.0057062	-.001851	-.003962

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2975-08 Acquired: 06/28/2024 17:34:43 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E1180 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001514	.0229276	-.000171
Stddev	.0006398	.0031830	.000064
%RSD	422.6062	13.88281	37.47062
#1	.0008076	.0193421	-.000234
#2	.0001174	.0240209	-.000105
#3	-.000471	.0254200	-.000175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.566	31902.81	4412.563	1035.249	2907.301
Stddev	.934	129.26	7.714	8.098	2.586
%RSD	.0509065	.4051774	.1748256	.7822269	.0889590
#1	1833.966	31933.98	4406.010	1039.220	2905.708
#2	1834.089	32013.64	4410.615	1040.596	2910.285
#3	1835.642	31760.81	4421.065	1025.932	2905.909

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3016-18 Acquired: 06/28/2024 17:39:16 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11R4 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000690	-.001493	.0000768	.0005619	-.001983	.0200269	.0016119
Stddev	.007563	.001363	.0016720	.0037432	.001218	.0071616	.0006645
%RSD	1096.497	91.29588	2178.298	666.1181	61.42870	35.75999	41.22734
#1	-.002305	-.001870	-.000865	.0031910	-.003314	.0137877	.0017117
#2	-.007315	-.002629	-.000912	-.003724	-.000922	.0278468	.0022209
#3	.007550	.000019	.002007	.002219	-.001714	.0184461	.0009031

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000028	-.000049	.0212584	.0004213	-.000021	.0042417	.0934908
Stddev	.0000775	.000027	.0048503	.0001865	.000151	.0009399	.0081852
%RSD	2788.318	55.83875	22.81577	44.26013	730.8200	22.15855	8.755118
#1	.0000353	-.000018	.0247865	.0003230	.000153	.0034117	.1023822
#2	-.000086	-.000071	.0157275	.0003046	-.000114	.0052623	.0862693
#3	.000059	-.000058	.0232612	.0006364	-.000102	.0040511	.0918209

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022732	-.000455	.0009140	.0005452	.3520384	.0039439	.0009567
Stddev	.0009141	.041689	.0002293	.0001954	.1587280	.0012195	.0062088
%RSD	40.21246	9164.835	25.08306	35.83740	45.08827	30.92003	648.9922
#1	.0023693	-.037086	.0007317	.0007705	.2327210	.0025704	-.005009
#2	.0013149	-.009187	.0008390	.0004228	.2912101	.0048994	.000497
#3	.0031356	.044908	.0011714	.0004423	.5321840	.0043618	.007383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.945821	.0176692	.0067531	.0002791	.0068016	.0133316	-.002129
Stddev	.029300	.0017014	.0008497	.0002736	.0014056	.0002676	.000571
%RSD	3.097835	9.629403	12.58262	98.02465	20.66607	2.007274	26.81496
#1	-.923333	.0170216	.0065865	.0005106	.0079382	.0132272	-.002741
#2	-.978956	.0195993	.0076737	-.000023	.0072368	.0131320	-.002035
#3	-.935174	.0163866	.0059989	.000349	.0052299	.0136357	-.001611

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3016-18 Acquired: 06/28/2024 17:39:16 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11R4 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000106	.0200309	-.000015
Stddev	.000565	.0019921	.000112
%RSD	530.2938	9.945329	767.7074
#1	-.000237	.0191137	-.000107
#2	-.000594	.0223164	.000110
#3	.000512	.0186625	-.000046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.029	32093.45	4434.450	1035.585	2914.753
Stddev	4.287	112.26	20.343	2.731	4.656
%RSD	.2330901	.3498023	.4587523	.2637042	.1597442
#1	1838.556	32218.58	4457.860	1038.275	2914.084
#2	1843.533	32060.23	4421.065	1032.815	2919.707
#3	1834.999	32001.55	4424.425	1035.665	2910.467

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3016-19 Acquired: 06/28/2024 17:43:46 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11R5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054993	-.001422	-.002332	-.000403	-.002774	-.025858	.0010125
Stddev	.0013247	.000757	.001627	.002845	.000255	.012542	.0001956
%RSD	24.08891	53.23110	69.76895	705.9212	9.209159	48.50505	19.31823
#1	.0069065	-.000555	-.004062	-.003093	-.002483	-.019832	.0011598
#2	.0053150	-.001949	-.000834	.002575	-.002881	-.017466	.0010871
#3	.0042764	-.001763	-.002099	-.000690	-.002959	-.040276	.0007905

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000150	-.000102	.0019813	-.000361	-.000133	.0015492	.0066523
Stddev	.0001172	.000104	.0090730	.000195	.000105	.0019851	.0080448
%RSD	779.4869	102.2688	457.9368	54.15851	78.59423	128.1437	120.9316
#1	.0001435	-.000198	-.005794	-.000491	-.000073	.0017412	-.001758
#2	-.000086	-.000117	-.000213	-.000136	-.000072	-.000525	.007441
#3	-.000012	.000009	.011950	-.000456	-.000254	.003431	.014274

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009984	-.009601	.0003090	.0006972	.4661764	.0008548	.0037960
Stddev	.0002283	.028275	.0001012	.0004245	.4332502	.0016590	.0118707
%RSD	22.86562	294.5065	32.73622	60.88476	92.93698	194.0701	312.7213
#1	.0011996	.013905	.0002735	.0002074	.0361131	-.000667	.0150987
#2	.0010453	-.001729	.0002304	.0009262	.4598713	.002623	-.008571
#3	.0007503	-.040978	.0004232	.0009579	.9025447	.000609	.004860

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.01015	.0091917	.0074215	.0005019	.0018150	-.008004	-.001451
Stddev	.10532	.0016673	.0012945	.0000581	.0023066	.000476	.000590
%RSD	10.42646	18.13965	17.44285	11.57154	127.0871	5.942028	40.65013
#1	-1.04199	.0110335	.0087601	.0005644	.0001038	-.007877	-.001842
#2	-1.09588	.0087564	.0073280	.0004917	.0009030	-.008530	-.000772
#3	-.89258	.0077852	.0061762	.0004496	.0044382	-.007604	-.001737

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3016-19 Acquired: 06/28/2024 17:43:46 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11R5 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000481	.0203297	-.000092
Stddev	.000547	.0018376	.000049
%RSD	113.8136	9.038935	53.62781
#1	-.001084	.0224041	-.000108
#2	-.000017	.0196793	-.000036
#3	-.000340	.0189058	-.000131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.458	32041.08	4405.225	1030.696	2916.877
Stddev	3.692	239.80	25.627	11.410	6.834
%RSD	.2003984	.7484007	.5817424	1.107057	.2343018
#1	1844.430	31856.59	4414.485	1020.076	2923.212
#2	1844.746	32312.14	4424.935	1042.760	2917.784
#3	1838.199	31954.51	4376.255	1029.253	2909.635

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P3016-20 Acquired: 06/28/2024 17:48:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007739	-.001164	.0001603	.0004829	-.003588	-.019075	.0006111
Stddev	.0067798	.000819	.0005313	.0032740	.001652	.011180	.0004382
%RSD	876.0980	70.32349	331.3165	678.0474	46.04780	58.61205	71.71277
#1	.0083829	-.000831	.0006794	.0042454	-.002206	-.009241	.0002799
#2	-.001436	-.002097	.0001839	-.001717	-.003139	-.016749	.0011079
#3	-.004625	-.000565	-.000382	-.001080	-.005418	-.031235	.0004453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000021	-.000086	.0078404	.0000271	-.000214	.0018047	.0115971
Stddev	.000077	.000027	.0092278	.0003310	.000214	.0034002	.0059100
%RSD	369.5297	31.67559	117.6961	1219.876	99.68050	188.4076	50.96123
#1	-.000069	-.000089	.0183069	.0003456	.000023	.0036520	.0184165
#2	-.000061	-.000057	.0043369	.0000511	-.000276	.0038813	.0084116
#3	.000068	-.000112	.0008774	-.000315	-.000390	-.002119	.0079632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040986	.0352267	.0006803	.0004243	.2407989	.0036282	.0026884
Stddev	.0004394	.0413256	.0001771	.0000986	.1171866	.0006192	.0027780
%RSD	10.72072	117.3133	26.03263	23.24021	48.66574	17.06493	103.3325
#1	.0045896	-.010736	.0004955	.0003127	.3744384	.0036540	.0039444
#2	.0037422	.069315	.0008486	.0004609	.1555932	.0042341	-.000496
#3	.0039642	.047101	.0006968	.0004995	.1923650	.0029966	.004617

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.995312	.0089808	.0070574	.0004768	.0166463	-.007427	-.002133
Stddev	.041698	.0015144	.0005775	.0004369	.0048535	.000384	.000618
%RSD	4.189390	16.86224	8.182911	91.63134	29.15689	5.173121	28.98895
#1	-.955263	.0075119	.0077085	-.000024	.0204380	-.007666	-.001420
#2	-1.03848	.0088937	.0066069	.000782	.0111764	-.006984	-.002452
#3	-.99219	.0105369	.0068569	.000672	.0183244	-.007631	-.002526

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3016-20 Acquired: 06/28/2024 17:48:17 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11R6 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001067	.0197622	-.000187
Stddev	.000334	.0034915	.000101
%RSD	31.33149	17.66773	53.69526
#1	-.000905	.0236686	-.000162
#2	-.001452	.0169452	-.000298
#3	-.000845	.0186729	-.000102

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.651	31982.75	4404.145	1034.063	2924.096
Stddev	4.818	269.30	7.976	11.712	6.511
%RSD	.2613526	.8420059	.1811034	1.132650	.2226723
#1	1842.094	31708.22	4403.995	1022.673	2927.147
#2	1849.056	32246.49	4412.195	1046.073	2928.520
#3	1839.804	31993.53	4396.245	1033.441	2916.619

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-01 Acquired: 06/28/2024 17:52:49 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4L1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8477441	-.022129	.1279198	-.069679	.0162856	139.5862
Stddev	.0088518	.005418	.0036268	.004675	.0007380	.4399
%RSD	1.044162	24.48317	2.835174	6.709771	4.531732	.3151337
#1	.8517818	-.026694	.1319160	-.074328	.0155943	140.0720
#2	.8538571	-.023552	.1248373	-.069731	.0161996	139.4715
#3	.8375934	-.016142	.1270060	-.064978	.0170628	139.2150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.121918	.0051463	.0112312	103.1649	.1245379	.1979060
Stddev	.004628	.0001270	.0001001	.3172	.0006174	.0008975
%RSD	.4125308	2.467099	.8912132	.3074976	.4957684	.4534857
#1	1.126408	.0052282	.0111870	103.4852	.1249006	.1978002
#2	1.122181	.0050000	.0113458	103.1586	.1238250	.1988517
#3	1.117163	.0052106	.0111609	102.8508	.1248880	.1970661

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3605673	344.0802	8.828588	71.32565	.2174873	-.002657
Stddev	.0045697	.9202	.026665	.17226	.0002359	.000235
%RSD	1.267354	.2674425	.3020284	.2415174	.1084705	8.829027
#1	.3625723	345.0021	8.856634	71.52444	.2172746	-.002875
#2	.3637918	344.0769	8.825566	71.23234	.2177410	-.002688
#3	.3553379	343.1617	8.803562	71.22017	.2174464	-.002409

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.616198	.5796241	.7395081	14.87827	F 14.31319	.1343420
Stddev	.136579	.0024150	.0095758	.11993	.01909	.0020353
%RSD	8.450659	.4166434	1.294891	.8060496	.1333835	1.515041
#1	1.496382	.5813182	.7287505	14.98114	14.30541	.1366351
#2	1.764915	.5768588	.7471011	14.90713	14.29921	.1327496
#3	1.587297	.5806953	.7426726	14.74655	14.33494	.1336412

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-01 Acquired: 06/28/2024 17:52:49 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4L1 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000927	1.364799	4.955559	-.005302	1.447812	.2262673
Stddev	.000773	.007605	.002934	.002350	.003224	.0028953
%RSD	83.43431	.5572548	.0592154	44.31461	.2226673	1.279605
#1	-.001535	1.357231	4.954326	-.004091	1.450019	.2295454
#2	-.001188	1.372441	4.953442	-.008011	1.449305	.2240593
#3	-.000057	1.364724	4.958909	-.003806	1.444113	.2251972

Elem	Sr4077
Units	ppm
Avg	.2361901
Stddev	.0012969
%RSD	.5490745
#1	.2374777
#2	.2362085
#3	.2348842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2046.819	34929.27	5048.288	1138.570	2515.767
Stddev	.949	70.30	13.601	4.359	2.867
%RSD	.0463637	.2012724	.2694129	.3828337	.1139545
#1	2046.738	34851.08	5053.209	1138.698	2512.622
#2	2047.805	34949.48	5032.912	1134.148	2518.233
#3	2045.912	34987.25	5058.744	1142.863	2516.447

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-02 Acquired: 06/28/2024 17:57:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4L1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6210625	-.021654	.1339981	-.078208	.0154089	148.9978
Stddev	.0066144	.001257	.0013695	.007114	.0013189	.3464
%RSD	1.065007	5.805864	1.022013	9.095869	8.559353	.2324803
#1	.6281718	-.021640	.1355519	-.080770	.0140077	149.2594
#2	.6150905	-.020404	.1334755	-.083685	.0166262	148.6049
#3	.6199252	-.022919	.1329668	-.070168	.0155927	149.1289

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.159901	.0052010	.0117061	104.5861	.1405430	.2075966
Stddev	.001093	.0001661	.0001842	.0738	.0004365	.0002958
%RSD	.0942014	3.193925	1.573378	.0706107	.3105431	.1424867
#1	1.159547	.0052093	.0114956	104.5783	.1403268	.2078504
#2	1.159030	.0050309	.0118377	104.5164	.1402569	.2076676
#3	1.161127	.0053628	.0117851	104.6635	.1410454	.2072717

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3614043	355.8564	9.376858	74.14078	.2211532	-.003189
Stddev	.0025979	.8136	.021628	.08107	.0014086	.000388
%RSD	.7188446	.2286425	.2306524	.1093483	.6369499	12.15531
#1	.3622874	356.2305	9.385528	74.07012	.2196281	-.002960
#2	.3584799	354.9230	9.352240	74.22929	.2224055	-.003637
#3	.3634455	356.4158	9.392805	74.12293	.2214261	-.002971

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.689817	.5858522	.7592900	15.92301	F 13.94713	.1432110
Stddev	.081468	.0020882	.0051088	.07805	.02214	.0016432
%RSD	4.821090	.3564328	.6728459	.4901896	.1587484	1.147428
#1	1.732913	.5870257	.7651890	16.01285	13.93696	.1428599
#2	1.740685	.5834413	.7563809	15.88426	13.93191	.1450015
#3	1.595853	.5870897	.7563000	15.87191	13.97253	.1417718

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-02 Acquired: 06/28/2024 17:57:12 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4L1D Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001418	1.441548	4.964608	-.006843	1.806565	.2349010
Stddev	.000353	.004820	.008634	.000476	.001416	.0024528
%RSD	24.88876	.3343500	.1739024	6.955648	.0783712	1.044194
#1	-.001074	1.442990	4.955597	-.006617	1.805494	.2355050
#2	-.001402	1.445482	4.965422	-.007390	1.806030	.2322026
#3	-.001779	1.436172	4.972806	-.006523	1.808170	.2369954

Elem	Sr4077
Units	ppm
Avg	.2513879
Stddev	.0005264
%RSD	.2093866
#1	.2517364
#2	.2507824
#3	.2516450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.981	34978.99	5036.709	1142.449	2503.208
Stddev	3.294	43.90	3.554	4.671	2.500
%RSD	.1615427	.1255045	.0705597	.4088344	.0998751
#1	2042.770	34932.49	5037.113	1137.488	2505.726
#2	2036.807	35019.71	5032.970	1143.097	2500.726
#3	2037.364	34984.77	5040.043	1146.761	2503.172

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-01LX5 Acquired: 06/28/2024 18:01:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4L1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1633685	-.003345	.0260844	-.018409	.0015643	31.65101	.2604312
Stddev	.0084091	.001096	.0009825	.003811	.0027771	.19518	.0011868
%RSD	5.147309	32.76001	3.766476	20.70010	177.5308	.6166742	.4557086
#1	.1538876	-.003968	.0268132	-.022623	-.000472	31.50372	.2594091
#2	.1699247	-.003988	.0264730	-.015207	.000438	31.57691	.2601516
#3	.1662931	-.002080	.0249671	-.017395	.004728	31.87239	.2617328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011683	.0014528	24.11713	.0294456	.0391325	.0884383	82.52532
Stddev	.0000519	.0001148	.14680	.0009031	.0000895	.0002841	.62506
%RSD	4.438828	7.901086	.6086988	3.067093	.2288126	.3212884	.7574200
#1	.0012277	.0013274	24.07584	.0301929	.0390736	.0885407	82.19928
#2	.0011454	.0015527	23.99540	.0284420	.0390884	.0881172	82.13069
#3	.0011319	.0014783	24.28016	.0297018	.0392356	.0886571	83.24600

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.102746	16.19420	.0443833	-.000204	.6916504	.1366318	.1659749
Stddev	.014249	.07304	.0001569	.000140	.1405360	.0028628	.0120247
%RSD	.6776160	.4510379	.3535528	68.37850	20.31894	2.095282	7.244892
#1	2.099898	16.21236	.0443542	-.000320	.6544983	.1344013	.1798453
#2	2.090136	16.11379	.0445527	-.000049	.8470298	.1356342	.1595890
#3	2.118203	16.25645	.0442429	-.000244	.5734230	.1398600	.1584904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.989285	2.798081	.0356969	-.000816	.2597716	1.480593	-.000005
Stddev	.090799	.005247	.0007451	.000181	.0025962	.012106	.000310
%RSD	3.037476	.1875245	2.087234	22.14835	.9994002	.8176611	5791.891
#1	2.944883	2.792046	.0350554	-.000630	.2581170	1.487633	-.000178
#2	2.929232	2.801565	.0355213	-.000828	.2584341	1.466614	-.000191
#3	3.093741	2.800632	.0365142	-.000991	.2627638	1.487533	.000352

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-01LX5 Acquired: 06/28/2024 18:01:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4L1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3301519	.0752508	.0554298
Stddev	.0014107	.0014513	.0003870
%RSD	.4272890	1.928673	.6981663
#1	.3286569	.0742035	.0549932
#2	.3314596	.0769075	.0555654
#3	.3303393	.0746416	.0557307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.950	31712.50	4446.976	1035.095	2679.146
Stddev	4.041	528.60	27.899	19.840	2.171
%RSD	.2186834	1.666856	.6273724	1.916719	.0810356
#1	1846.423	31405.89	4427.789	1021.369	2677.229
#2	1852.533	32322.88	4478.980	1057.843	2681.503
#3	1844.896	31408.73	4434.158	1026.074	2678.705

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-03 Acquired: 06/28/2024 18:06:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4L1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2915892	.0723076	.1581113	.0047739	.1480193	163.2795
Stddev	.0134642	.0038174	.0015572	.0099607	.0006616	1.5133
%RSD	4.617521	5.279381	.9848565	208.6478	.4469759	.9268231
#1	.2777201	.0701497	.1581191	.0090535	.1480355	164.8391
#2	.2924394	.0767152	.1565502	.0118797	.1473498	161.8172
#3	.3046082	.0700579	.1596645	-.006611	.1486727	163.1823

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.322890	.0869207	.1049329	101.5305	.5520710	1.132513
Stddev	.043716	.0011028	.0010591	.9816	.0009743	.009165
%RSD	1.011263	1.268692	1.009266	.9668459	.1764747	.8092710
#1	4.372877	.0881643	.1044657	102.6562	.5525269	1.127364
#2	4.291810	.0860620	.1041878	100.8522	.5527338	1.127080
#3	4.303983	.0865357	.1061453	101.0833	.5509524	1.143094

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7431675	348.1481	9.666833	80.53103	1.166452	.0650505
Stddev	.0111621	3.1981	.092540	.90409	.009192	.0000825
%RSD	1.501958	.9185935	.9572964	1.122666	.7880201	.1268718
#1	.7534043	351.8033	9.771707	81.52088	1.159975	.0651074
#2	.7312669	345.8653	9.596655	79.74881	1.162408	.0650883
#3	.7448313	346.7757	9.632137	80.32342	1.176972	.0649559

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.930114	1.393929	1.529000	16.64136	F 12.84852	.1426298
Stddev	.231089	.009841	.014307	.17001	.11693	.0030878
%RSD	11.97280	.7059773	.9356887	1.021612	.9100320	2.164897
#1	2.116342	1.405179	1.512832	16.82843	12.80220	.1461879
#2	1.671497	1.386916	1.540021	16.49629	12.76185	.1406529
#3	2.002502	1.389693	1.534148	16.59935	12.98151	.1410485

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-03 Acquired: 06/28/2024 18:06:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4L1S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4386903	1.285358	6.320383	-.005395	2.138379	.2453314
Stddev	.0034459	.006079	.059629	.002550	.017381	.0023895
%RSD	.7855065	.4729720	.9434448	47.26188	.8128148	.9739663
#1	.4375044	1.285578	6.389145	-.006652	2.157169	.2473283
#2	.4359940	1.279172	6.282930	-.007072	2.122876	.2426841
#3	.4425726	1.291325	6.289073	-.002461	2.135092	.2459820

Elem	Sr4077
Units	ppm
Avg	.2490803
Stddev	.0030863
%RSD	1.239088
#1	.2520541
#2	.2458926
#3	.2492942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.451	34518.20	4970.984	1124.608	2487.296
Stddev	7.700	101.97	42.140	4.433	11.523
%RSD	.3829878	.2954135	.8477271	.3941524	.4632832
#1	2016.421	34626.60	4922.526	1129.192	2495.629
#2	2013.172	34424.20	4999.047	1120.345	2492.114
#3	2001.760	34503.78	4991.378	1124.285	2474.146

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-04 Acquired: 06/28/2024 18:10:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1544299	-.019478	.2163931	-.069560	.0173537	163.2802
Stddev	.0093063	.002540	.0023008	.008054	.0025444	1.2189
%RSD	6.026218	13.04210	1.063244	11.57835	14.66196	.7464942
#1	.1586146	-.016578	.2164191	-.062798	.0199919	162.4688
#2	.1437659	-.020545	.2186807	-.067411	.0171545	164.6818
#3	.1609093	-.021311	.2140794	-.078470	.0149148	162.6900

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.060751	.0076059	.0127822	487.5426	.2689294	.1696493
Stddev	.005776	.0000493	.0000441	1.3481	.0012096	.0007882
%RSD	.2802860	.6482335	.3451315	.2765152	.4497700	.4646043
#1	2.059534	.0076278	.0127331	487.2866	.2681333	.1699671
#2	2.067039	.0076404	.0127952	489.0004	.2703212	.1702289
#3	2.055681	.0075494	.0128184	486.3409	.2683335	.1687518

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4139939	301.1756	5.638747	63.84846	.3720483	-.002865
Stddev	.0017879	1.6583	.026856	.24857	.0009263	.000274
%RSD	.4318708	.5505924	.4762723	.3893059	.2489684	9.575811
#1	.4124285	300.0072	5.619532	63.58924	.3730404	-.003114
#2	.4159423	303.0735	5.669434	64.08479	.3718984	-.002571
#3	.4136109	300.4461	5.627277	63.87134	.3712061	-.002909

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.290146	.5421386	.9887071	30.11347	F 17.10351	.1487635
Stddev	.163615	.0029354	.0090905	.17471	.06149	.0023815
%RSD	7.144320	.5414538	.9194309	.5801734	.3594940	1.600859
#1	2.379333	.5395643	.9866323	29.93904	17.10614	.1465140
#2	2.101316	.5453353	.9808334	30.28846	17.16364	.1512581
#3	2.389789	.5415162	.9986556	30.11289	17.04075	.1485185

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-04 Acquired: 06/28/2024 18:10:18 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5E9 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025596	3.684206	6.457007	-.000167	2.213451	.2950607
Stddev	.0003055	.016227	.021819	.001755	.019146	.0004101
%RSD	11.93569	.4404494	.3379170	1051.439	.8649799	.1390034
#1	.0025690	3.671833	6.479169	.001053	2.199603	.2946126
#2	.0022495	3.678208	6.456304	-.002178	2.235299	.2951521
#3	.0028603	3.702579	6.435547	.000624	2.205449	.2954175

Elem	Sr4077
Units	ppm
Avg	.6511094
Stddev	.0053630
%RSD	.8236779
#1	.6471080
#2	.6572033
#3	.6490170

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.612	33240.00	4957.704	1074.246	2314.058
Stddev	6.723	24.46	15.186	5.581	7.822
%RSD	.3462330	.0735712	.3063177	.5195642	.3380332
#1	1934.032	33211.84	4940.216	1074.316	2309.102
#2	1943.954	33252.30	4965.334	1079.792	2309.997
#3	1946.851	33255.87	4967.563	1068.630	2323.076

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-05 Acquired: 06/28/2024 18:14:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1929353	-.023901	.4119377	-.073502	.0166182	131.7934
Stddev	.0058607	.004062	.0008151	.006614	.0018911	.3978
%RSD	3.037631	16.99338	.1978664	8.998416	11.37969	.3018585
#1	.1874846	-.022519	.4127691	-.075757	.0144635	131.6043
#2	.1991341	-.028473	.4111400	-.066055	.0173888	132.2505
#3	.1921871	-.020711	.4119040	-.078694	.0180024	131.5254

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.398161	.0052157	.0130628	64.93061	.2598609	.1666889
Stddev	.002789	.0002414	.0002836	.21898	.0024748	.0010384
%RSD	.1994862	4.628615	2.171177	.3372474	.9523513	.6229529
#1	1.396996	.0049392	.0127488	64.86444	.2594477	.1670481
#2	1.401343	.0053231	.0131392	65.17504	.2576188	.1675000
#3	1.396142	.0053847	.0133004	64.75234	.2625164	.1655186

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5047578	346.1177	6.595529	60.97040	.2537976	-.001915
Stddev	.0057884	1.0107	.026901	.34294	.0007336	.000833
%RSD	1.146765	.2920147	.4078688	.5624709	.2890372	43.49791
#1	.5107584	345.6175	6.571183	60.70307	.2538984	-.002260
#2	.5043072	347.2809	6.624409	61.35706	.2544755	-.000965
#3	.4992079	345.4545	6.590996	60.85106	.2530188	-.002520

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.284530	.6228485	.9423120	32.73702	F 12.53998	.1515381
Stddev	.134816	.0019443	.0100742	.09729	.04467	.0025656
%RSD	5.901259	.3121696	1.069095	.2971881	.3562373	1.693032
#1	2.296880	.6206926	.9517912	32.82659	12.58237	.1511896
#2	2.412747	.6233840	.9317330	32.75097	12.54424	.1542602
#3	2.143964	.6244691	.9434118	32.63351	12.49333	.1491647

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-05 Acquired: 06/28/2024 18:14:39 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F0 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002728	1.964812	4.652622	.0854525	3.162292	.2253640
Stddev	.0003155	.010899	.031306	.0011373	.005430	.0014570
%RSD	115.6479	.5547158	.6728770	1.330962	.1717132	.6465169
#1	-.000087	1.953547	4.619800	.0852868	3.163076	.2242051
#2	.000405	1.975304	4.655914	.0844071	3.167288	.2248872
#3	.000501	1.965586	4.682153	.0866636	3.156513	.2269997

Elem	Sr4077
Units	ppm
Avg	.3083554
Stddev	.0008419
%RSD	.2730337
#1	.3081257
#2	.3092883
#3	.3076521

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.384	34590.02	4984.042	1130.052	2533.495
Stddev	1.312	320.02	12.443	9.258	3.071
%RSD	.0647332	.9251833	.2496555	.8192168	.1212106
#1	2027.598	34500.22	4997.890	1124.356	2531.688
#2	2025.977	34945.35	4980.435	1140.733	2531.756
#3	2028.575	34324.49	4973.801	1125.065	2537.041

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-06 Acquired: 06/28/2024 18:19:02 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.041831	-.031710	.1145210	-.115810	.0683596	172.3169	1.263417
Stddev	.005528	.002050	.0021452	.007738	.0013571	.3037	.000753
%RSD	.2707236	6.463564	1.873221	6.682090	1.985289	.1762739	.0596013
#1	2.039948	-.032122	.1124854	-.107843	.0683388	172.0409	1.262549
#2	2.037492	-.029486	.1167612	-.123298	.0697270	172.2675	1.263893
#3	2.048055	-.033523	.1143165	-.116287	.0670130	172.6424	1.263809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046205	.0175401	335.2824	2.239501	.3123619	.7409843	519.5441
Stddev	.0001167	.0003654	.5977	.002732	.0003186	.0026899	.7908
%RSD	2.526299	2.083456	.1782661	.1219943	.1019875	.3630209	.1522026
#1	.0044912	.0179610	334.6201	2.239857	.3125630	.7408477	518.9060
#2	.0047182	.0173029	335.7816	2.236609	.3119946	.7437400	520.4288
#3	.0046521	.0173564	335.4457	2.242038	.3125281	.7383653	519.2974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.58147	132.8259	1.514388	-.006309	1.810584	1.106552	.8364009
Stddev	.02412	.3075	.002486	.000140	.113863	.005579	.0072538
%RSD	.1775781	.2315325	.1641312	2.220748	6.288738	.5041964	.8672632
#1	13.57364	132.6377	1.511523	-.006353	1.919749	1.100586	.8439039
#2	13.60852	132.6591	1.515972	-.006153	1.819460	1.107431	.8358737
#3	13.56223	133.1807	1.515670	-.006422	1.692543	1.111640	.8294250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.73507	8.879472	.2141067	.0038033	1.055130	4.211598	-.003619
Stddev	.14035	.003164	.0037575	.0004360	.010850	.032145	.002133
%RSD	.7913543	.0356310	1.754960	11.46409	1.028352	.7632477	58.92712
#1	17.61303	8.875822	.2171277	.0034088	1.046469	4.176753	-.003722
#2	17.70374	8.881151	.2098992	.0042714	1.067301	4.217945	-.001437
#3	17.88843	8.881442	.2152931	.0037297	1.051620	4.240096	-.005698

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-06 Acquired: 06/28/2024 18:19:02 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F1 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.248014	.3979963	.4988533
Stddev	.004647	.0010066	.0008820
%RSD	.2067158	.2529250	.1767954
#1	2.242648	.3983235	.4986530
#2	2.250667	.3987987	.4980887
#3	2.250726	.3968668	.4998182

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1858.861	32330.82	4767.941	1035.325	2326.239
Stddev	4.410	186.69	17.892	3.991	1.836
%RSD	.2372278	.5774328	.3752531	.3854705	.0789445
#1	1859.027	32147.69	4788.410	1031.018	2326.563
#2	1854.371	32323.91	4755.281	1036.061	2324.262
#3	1863.186	32520.87	4760.132	1038.897	2327.892

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-07 Acquired: 06/28/2024 18:23:22 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1762767	-.014265	.4337157	-.053637	.0082138	118.3622
Stddev	.0016258	.002274	.0025508	.002948	.0017104	.3722
%RSD	.9223058	15.94106	.5881205	5.496917	20.82319	.3144937
#1	.1765607	-.011717	.4313329	-.052187	.0080148	118.1552
#2	.1777418	-.016089	.4364065	-.057030	.0066116	118.1394
#3	.1745276	-.014989	.4334075	-.051695	.0100149	118.7919

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.579975	.0050630	.0153972	68.07726	.1784190	.1348364
Stddev	.000718	.0001607	.0000858	.11563	.0002556	.0006259
%RSD	.0454388	3.174842	.5574280	.1698529	.1432547	.4641822
#1	1.580357	.0050418	.0153503	68.12241	.1782646	.1346746
#2	1.579147	.0049139	.0154963	67.94587	.1782783	.1343073
#3	1.580421	.0052333	.0153451	68.16351	.1787140	.1355273

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2945829	259.3783	6.331063	53.66593	.2109091	-.002445
Stddev	.0011401	.6041	.012220	.26139	.0013970	.000365
%RSD	.3870323	.2329132	.1930203	.4870669	.6623614	14.91682
#1	.2932671	259.5863	6.321313	53.41448	.2110017	-.002264
#2	.2952027	258.6977	6.327105	53.64707	.2122574	-.002865
#3	.2952789	259.8510	6.344772	53.93624	.2094681	-.002206

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.792420	.4143351	1.232568	19.09053	F 10.60513	.1184774
Stddev	.116419	.0011479	.005876	.07985	.00928	.0010681
%RSD	6.495062	.2770550	.4767265	.4182725	.0874641	.9015104
#1	1.797025	.4132761	1.232651	19.01318	10.61358	.1172645
#2	1.673767	.4141743	1.238401	19.08576	10.60662	.1188901
#3	1.906468	.4155550	1.226650	19.17266	10.59520	.1192775

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-07 Acquired: 06/28/2024 18:23:22 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F2 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006566	1.757325	6.638975	-.003136	2.037059	.2322137
Stddev	.0004101	.013676	.043162	.001003	.004613	.0003687
%RSD	62.44823	.7782193	.6501356	31.96841	.2264293	.1587950
#1	.0011086	1.748242	6.610960	-.002016	2.033409	.2319969
#2	.0003086	1.773054	6.617285	-.003443	2.035527	.2320046
#3	.0005526	1.750680	6.688681	-.003950	2.042243	.2326394

Elem	Sr4077
Units	ppm
Avg	.3981290
Stddev	.0024033
%RSD	.6036563
#1	.3971091
#2	.3964039
#3	.4008741

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.776	34851.45	5074.076	1144.581	2556.079
Stddev	2.527	238.74	16.934	5.368	4.208
%RSD	.1231998	.6850090	.3337336	.4689812	.1646440
#1	2048.071	34613.39	5068.622	1144.884	2552.621
#2	2053.075	34850.11	5093.065	1139.068	2554.850
#3	2051.182	35090.85	5060.542	1149.790	2560.765

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2821-08 Acquired: 06/28/2024 18:27:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1514809	-.012109	.2517433	-.044230	.0069316	102.9048
Stddev	.0066610	.004424	.0016209	.004796	.0008095	1.6629
%RSD	4.397253	36.53556	.6438566	10.84259	11.67869	1.615933
#1	.1453903	-.011027	.2535881	-.047484	.0064268	101.1073
#2	.1585940	-.008327	.2510945	-.046484	.0078653	104.3884
#3	.1504584	-.016974	.2505474	-.038723	.0065026	103.2186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.235332	.0048465	.0086921	76.91675	.1484126	.1119398
Stddev	.022893	.0001033	.0000906	1.42049	.0010314	.0006196
%RSD	1.853159	2.130542	1.042378	1.846794	.6949446	.5535121
#1	1.210904	.0047299	.0087738	75.32356	.1472615	.1118707
#2	1.256295	.0048830	.0085947	78.05115	.1492526	.1113576
#3	1.238797	.0049264	.0087080	77.37553	.1487238	.1125910

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2829959	206.2522	5.461728	50.95269	.1790029	-.001563
Stddev	.0060630	3.7364	.108765	.96698	.0013201	.000125
%RSD	2.142442	1.811584	1.991410	1.897797	.7374783	8.012683
#1	.2760959	202.1233	5.339111	49.84406	.1778470	-.001707
#2	.2854198	209.4006	5.546569	51.62214	.1787202	-.001487
#3	.2874719	207.2326	5.499503	51.39187	.1804414	-.001494

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.289787	.3417436	.7587766	23.90790	F 11.19499	.0984369
Stddev	.108973	.0074688	.0026106	.35530	.04391	.0017566
%RSD	8.448892	2.185490	.3440558	1.486127	.3922631	1.784486
#1	1.414876	.3339088	.7583665	23.53546	11.18703	.0979532
#2	1.239054	.3425396	.7563952	24.24314	11.15559	.1003847
#3	1.215431	.3487826	.7615679	23.94509	11.24233	.0969729

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-08 Acquired: 06/28/2024 18:27:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F3 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000312	3.055502	4.627469	-.004918	1.663042	.1957364
Stddev	.000869	.017114	.052167	.001447	.026092	.0016112
%RSD	278.0718	.5601017	1.127330	29.41719	1.568922	.8231398
#1	.000679	3.041200	4.569563	-.005978	1.634784	.1939017
#2	-.000677	3.050842	4.670794	-.005506	1.686221	.1969209
#3	-.000940	3.074463	4.642051	-.003270	1.668122	.1963865

Elem	Sr4077
Units	ppm
Avg	.2757829
Stddev	.0034895
%RSD	1.265316
#1	.2721127
#2	.2790581
#3	.2761780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.338	34226.99	4967.228	1116.701	2544.650
Stddev	6.289	69.23	59.938	6.025	8.760
%RSD	.3118923	.2022798	1.206674	.5395513	.3442434
#1	2016.926	34306.67	5034.460	1109.812	2544.610
#2	2022.313	34181.56	4919.383	1120.985	2553.430
#3	2009.776	34192.73	4947.840	1119.307	2535.911

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-09 Acquired: 06/28/2024 18:32:07 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F4 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1433118	-.013839	.1962744	-.050418	.0071064	104.2097	1.433163
Stddev	.0019103	.002632	.0020044	.004127	.0004439	.5634	.005456
%RSD	1.332962	19.01723	1.021236	8.185585	6.246742	.5406226	.3807178
#1	.1430218	-.015280	.1947331	-.054991	.0066074	103.6715	1.427672
#2	.1415632	-.015436	.1955497	-.049294	.0072541	104.1623	1.433233
#3	.1453506	-.010802	.1985404	-.046970	.0074576	104.7953	1.438584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049746	.0073374	51.28890	.1585442	.1187162	.2301811	227.8760
Stddev	.0001065	.0002958	.09554	.0002956	.0019045	.0019065	.5376
%RSD	2.141628	4.031848	.1862829	.1864658	1.604222	.8282433	.2359255
#1	.0048581	.0073165	51.22651	.1588778	.1186252	.2293637	227.2878
#2	.0050671	.0070526	51.24130	.1583145	.1168588	.2288197	227.9983
#3	.0049985	.0076431	51.39889	.1584405	.1206645	.2323600	228.3420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.272942	50.69860	.1821732	-.001582	1.448846	.3658993	.5903667
Stddev	.007352	.25145	.0030440	.000106	.073249	.0016133	.0101520
%RSD	.1394372	.4959711	1.670913	6.687481	5.055692	.4409232	1.719612
#1	5.264455	50.41117	.1834535	-.001593	1.528453	.3641078	.5795806
#2	5.277357	50.80673	.1786982	-.001471	1.384293	.3663525	.5997357
#3	5.277015	50.87789	.1843679	-.001682	1.433794	.3672376	.5917839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.69776	9.994424	.0954953	.0013529	1.416010	3.168343	-.001980
Stddev	.20463	.143055	.0017635	.0005021	.022451	.013971	.001515
%RSD	.9430805	1.431345	1.846634	37.11531	1.585537	.4409414	76.51018
#1	21.46260	10.05887	.0953458	.0012544	1.429316	3.167711	-.002713
#2	21.79537	9.83048	.0938114	.0009074	1.390088	3.154700	-.002990
#3	21.83530	10.09392	.0973288	.0018970	1.428625	3.182619	-.000238

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-09 Acquired: 06/28/2024 18:32:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5F4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.291504	.1918904	.3782303
Stddev	.007470	.0050622	.0025728
%RSD	.5783976	2.638066	.6802333
#1	1.285129	.1862300	.3756100
#2	1.289659	.1934575	.3783281
#3	1.299723	.1959837	.3807529

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.988	34853.59	5008.234	1147.436	2619.311
Stddev	19.828	109.85	7.221	3.868	29.228
%RSD	.9564887	.3151846	.1441918	.3370676	1.115866
#1	2064.649	34807.10	5012.752	1149.596	2606.813
#2	2095.623	34774.63	4999.905	1142.970	2652.710
#3	2058.691	34979.04	5012.044	1149.740	2598.411

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-10 Acquired: 06/28/2024 18:36:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1586908	-.012165	.4926250	-.049022	.0099861	95.85579
Stddev	.0028718	.001723	.0026949	.003829	.0002353	1.54434
%RSD	1.809669	14.16301	.5470575	7.810860	2.356705	1.611112
#1	.1564155	-.010224	.4945575	-.050694	.0101774	97.36166
#2	.1577394	-.013513	.4937711	-.051732	.0097233	94.27565
#3	.1619175	-.012759	.4895465	-.044642	.0100576	95.93005

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.298234	.0051108	.0115709	74.42601	.1617342	.1090233
Stddev	.021228	.0001133	.0000916	1.18465	.0009018	.0001313
%RSD	1.635146	2.217353	.7913905	1.591720	.5575727	.1204758
#1	1.316645	.0051984	.0114827	75.53279	.1621863	.1089013
#2	1.275014	.0049828	.0115647	73.17643	.1623206	.1091623
#3	1.303042	.0051512	.0116655	74.56881	.1606959	.1090062

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3020495	232.4894	5.483666	50.79575	.1883859	-.000840
Stddev	.0028862	3.7019	.095050	.88154	.0003144	.000375
%RSD	.9555384	1.592276	1.733333	1.735470	.1668761	44.64228
#1	.3035381	236.0208	5.577109	51.66187	.1881858	-.000430
#2	.2987229	228.6378	5.387086	49.89955	.1887482	-.000925
#3	.3038874	232.8095	5.486804	50.82581	.1882236	-.001165

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.579276	.3724426	.7927737	25.72175	F 12.41590	.1023155
Stddev	.208686	.0052009	.0076917	.25490	.01631	.0035736
%RSD	13.21404	1.396440	.9702319	.9909961	.1313488	3.492765
#1	1.659228	.3749035	.7964661	25.98440	12.43074	.1022465
#2	1.736164	.3664680	.7839319	25.47538	12.41852	.0987768
#3	1.342435	.3759565	.7979229	25.70548	12.39844	.1059231

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-10 Acquired: 06/28/2024 18:36:29 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F5 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009413	3.209036	3.020379	-.004409	2.324699	.1878230
Stddev	.0001296	.009965	.034049	.001603	.037814	.0032690
%RSD	13.76840	.3105345	1.127300	36.35048	1.626602	1.740454
#1	.0010730	3.209611	3.057052	-.002561	2.360976	.1910740
#2	.0009372	3.198796	2.989769	-.005243	2.285516	.1845363
#3	.0008138	3.218702	3.014317	-.005422	2.327606	.1878588

Elem	Sr4077
Units	ppm
Avg	.3184122
Stddev	.0041213
%RSD	1.294324
#1	.3223447
#2	.3141250
#3	.3187667

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.468	34839.42	5014.351	1144.491	2584.119
Stddev	4.558	94.48	63.097	6.029	2.846
%RSD	.2230348	.2711787	1.258327	.5268213	.1101321
#1	2047.189	34791.55	4947.676	1142.225	2585.032
#2	2038.385	34778.45	5073.126	1151.326	2580.929
#3	2044.832	34948.25	5022.252	1139.924	2586.396

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-11 Acquired: 06/28/2024 18:40:52 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F6 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1213442	-.011077	.1735461	-.035237	.0095973	91.13466
Stddev	.0033042	.003457	.0018630	.005194	.0012102	1.39206
%RSD	2.723036	31.21294	1.073504	14.73942	12.60958	1.527471
#1	.1249846	-.011022	.1756765	-.032232	.0108678	92.41711
#2	.1185348	-.014562	.1722224	-.041234	.0084581	89.65420
#3	.1205131	-.007648	.1727394	-.032245	.0094661	91.33267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.423333	.0048228	.0073107	68.15168	.1394145	.1059726
Stddev	.022311	.0000470	.0001813	1.12608	.0031117	.0003523
%RSD	1.567539	.9747128	2.480371	1.652312	2.231996	.3324152
#1	1.443847	.0048715	.0071104	69.25913	.1412087	.1055933
#2	1.399579	.0047777	.0074638	67.00785	.1358214	.1060348
#3	1.426574	.0048192	.0073578	68.18805	.1412134	.1062896

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2170666	167.1361	5.828731	48.98019	.1767292	-.001602
Stddev	.0076980	2.4946	.091601	.80697	.0003457	.000165
%RSD	3.546392	1.492536	1.571541	1.647539	.1956305	10.27378
#1	.2245315	169.4370	5.916617	49.77918	.1768705	-.001600
#2	.2091549	164.4849	5.733820	48.16548	.1763352	-.001438
#3	.2175134	167.4864	5.835756	48.99591	.1769819	-.001767

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.117688	.2574730	.6442079	22.82003	F 13.03316	.0748863
Stddev	.184219	.0003584	.0150887	.41441	.01852	.0014215
%RSD	16.48216	.1391992	2.342213	1.815987	.1421289	1.898139
#1	1.113076	.2578311	.6529997	23.20141	13.05048	.0740928
#2	.935818	.2571143	.6267852	22.37905	13.01363	.0740388
#3	1.304170	.2574735	.6528388	22.87964	13.03536	.0765274

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-11 Acquired: 06/28/2024 18:40:52 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F6 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000102	1.992266	5.597238	-.004908	1.526122	.1604315
Stddev	.000282	.003701	.118475	.001616	.022663	.0016480
%RSD	277.4151	.1857694	2.116666	32.92853	1.484991	1.027235
#1	-.000150	1.990069	5.720892	-.004429	1.547734	.1618168
#2	-.000356	1.996539	5.484730	-.003586	1.502537	.1586089
#3	.000201	1.990189	5.586093	-.006709	1.528095	.1608687

Elem	Sr4077
Units	ppm
Avg	.3051868
Stddev	.0052547
%RSD	1.721804
#1	.3101960
#2	.2997169
#3	.3056475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.207	34994.48	5126.029	1146.381	2567.786
Stddev	3.086	675.55	92.463	24.782	6.490
%RSD	.1487856	1.930444	1.803786	2.161722	.2527465
#1	2073.977	34816.94	5033.840	1138.439	2568.019
#2	2077.402	35741.06	5218.763	1174.160	2574.157
#3	2071.242	34425.42	5125.485	1126.544	2561.183

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-12 Acquired: 06/28/2024 18:45:15 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F7 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1515711	-.014649	.1581746	-.055422	.0111949	112.4050
Stddev	.0027326	.002427	.0020488	.004056	.0008738	.4098
%RSD	1.802834	16.56888	1.295264	7.318598	7.805482	.3646077
#1	.1546918	-.011848	.1567480	-.053563	.0111054	112.3621
#2	.1496072	-.015991	.1572536	-.060074	.0103692	112.8346
#3	.1504143	-.016110	.1605223	-.052628	.0121100	112.0183

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.723892	.0060272	.0088056	59.99394	.2664884	.1361834
Stddev	.007146	.0000637	.0000982	.18747	.0003426	.0005386
%RSD	.4145306	1.057054	1.115068	.3124792	.1285701	.3955156
#1	1.720401	.0060299	.0087376	59.88307	.2662793	.1355614
#2	1.732112	.0059622	.0087611	60.21039	.2668838	.1364961
#3	1.719162	.0060895	.0089182	59.88837	.2663021	.1364925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2662212	245.8216	6.752298	52.74749	.3492880	-.002264
Stddev	.0035522	.4643	.018275	.14566	.0013111	.000303
%RSD	1.334308	.1888645	.2706486	.2761460	.3753499	13.37180
#1	.2641843	245.4713	6.737245	52.58363	.3478345	-.002040
#2	.2641563	246.3482	6.772632	52.86226	.3496485	-.002143
#3	.2703229	245.6454	6.747018	52.79658	.3503812	-.002608

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.738547	.3882145	.6108804	13.93392	F 10.46342	.1019379
Stddev	.131397	.0009896	.0090944	.04207	.04564	.0025824
%RSD	7.557856	.2549044	1.488741	.3019460	.4361884	2.533287
#1	1.790664	.3877617	.6068821	13.96397	10.41657	.1023613
#2	1.835890	.3893495	.6044702	13.88584	10.46594	.1042824
#3	1.589087	.3875324	.6212890	13.95195	10.50775	.0991700

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-12 Acquired: 06/28/2024 18:45:15 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F7 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002892	.7355299	3.304410	-.005005	1.930057	.1636643
Stddev	.0006325	.0084951	.018815	.002137	.010029	.0026931
%RSD	218.6944	1.154959	.5693854	42.70028	.5196422	1.645509
#1	-.000441	.7263841	3.285847	-.004352	1.925638	.1608566
#2	.000666	.7370316	3.323467	-.007393	1.941537	.1662260
#3	.000643	.7431739	3.303916	-.003270	1.922996	.1639102

Elem	Sr4077
Units	ppm
Avg	.3715774
Stddev	.0005690
%RSD	.1531356
#1	.3715415
#2	.3721636
#3	.3710272

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2122.399	35954.43	5173.579	1179.813	2588.232
Stddev	6.238	284.86	37.620	11.882	11.175
%RSD	.2939076	.7922912	.7271515	1.007094	.4317434
#1	2126.318	35918.04	5213.196	1177.269	2597.752
#2	2125.673	36255.74	5169.200	1192.761	2591.016
#3	2115.205	35689.51	5138.340	1169.410	2575.929

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-13 Acquired: 06/28/2024 18:49:37 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F8 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1402447	-.013641	.1070390	-.050906	.0091047	98.44606	1.427527
Stddev	.0050646	.000316	.0037271	.002340	.0032072	.32220	.002135
%RSD	3.611267	2.318297	3.482022	4.596208	35.22557	.3272829	.1495605
#1	.1378410	-.013284	.1096278	-.050145	.0125605	98.07427	1.425107
#2	.1460636	-.013753	.1027672	-.053532	.0085296	98.62031	1.428329
#3	.1368295	-.013886	.1087220	-.049042	.0062239	98.64361	1.429144

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050233	.0070069	50.62403	.1506814	.1134144	.2511450	226.9521
Stddev	.0000636	.0001792	.05679	.0007309	.0016363	.0036814	.5323
%RSD	1.266517	2.556961	.1121702	.4850285	1.442778	1.465831	.2345474
#1	.0050936	.0068000	50.55853	.1498953	.1115639	.2549936	226.3752
#2	.0049697	.0071132	50.65937	.1508088	.1140093	.2507839	227.4242
#3	.0050066	.0071074	50.65420	.1513402	.1146701	.2476575	227.0569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.583728	47.59328	.1765883	-.002392	1.655590	.3646126	.4851417
Stddev	.010085	.12204	.0031448	.000559	.088425	.0044171	.0053319
%RSD	.1806063	.2564266	1.780873	23.38897	5.340999	1.211455	1.099044
#1	5.573054	47.59263	.1732344	-.002172	1.741631	.3614057	.4804466
#2	5.585033	47.47157	.1794708	-.001976	1.564960	.3696508	.4840401
#3	5.593096	47.71565	.1770597	-.003028	1.660179	.3627812	.4909384

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.21439	9.053457	.0970199	-.000463	.4782122	4.681221	-.002592
Stddev	.03765	.131976	.0014663	.000246	.0055271	.005216	.000998
%RSD	.3082364	1.457740	1.511335	53.26089	1.155776	.1114219	38.49944
#1	12.17871	8.901276	.0987129	-.000272	.4718370	4.677364	-.002449
#2	12.25374	9.136511	.0961872	-.000741	.4811431	4.687155	-.003653
#3	12.21072	9.122583	.0961595	-.000376	.4816565	4.679143	-.001673

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-13 Acquired: 06/28/2024 18:49:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5F8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.376405	.1753537	.3646204
Stddev	.006885	.0035437	.0012508
%RSD	.5002148	2.020862	.3430469
#1	1.368603	.1713246	.3631781
#2	1.378984	.1779866	.3654066
#3	1.381628	.1767498	.3652766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.764	34735.68	4984.153	1142.689	2628.913
Stddev	17.420	172.75	24.129	6.486	24.799
%RSD	.8449159	.4973207	.4841102	.5676219	.9433192
#1	2081.860	34892.41	5004.098	1145.774	2656.970
#2	2050.963	34764.18	4991.029	1147.056	2609.924
#3	2052.468	34550.46	4957.333	1135.236	2619.846

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-14 Acquired: 06/28/2024 18:54:00 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F9 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1358369	-.014546	.1311146	-.052492	.0084089	118.3738
Stddev	.0025931	.002425	.0003242	.001731	.0028421	5.4174
%RSD	1.908990	16.67339	.2472882	3.297995	33.79845	4.576552
#1	.1328429	-.013038	.1314178	-.052245	.0116481	120.0172
#2	.1373013	-.013257	.1307728	-.050898	.0072454	112.3250
#3	.1373666	-.017344	.1311530	-.054334	.0063332	122.7793

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.650022	.0054242	.0080300	56.69278	.1903887	.1354478
Stddev	.079681	.0002291	.0004759	2.62321	.0010693	.0003869
%RSD	4.829058	4.223798	5.926748	4.627055	.5616565	.2856515
#1	1.677689	.0054305	.0082315	57.68739	.1895858	.1351854
#2	1.560196	.0051919	.0083721	53.71772	.1916026	.1352658
#3	1.712181	.0056500	.0074865	58.67324	.1899777	.1358921

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2330242	236.5730	5.932459	57.29088	.2124408	-.002909
Stddev	.0095480	10.6052	.274792	2.50139	.0007082	.001279
%RSD	4.097416	4.482837	4.632007	4.366120	.3333658	43.96382
#1	.2303166	240.0775	6.033199	58.20545	.2124087	-.002644
#2	.2251224	224.6591	5.621514	54.46091	.2131645	-.004299
#3	.2436335	244.9824	6.142664	59.20627	.2117491	-.001783

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.071480	.3731676	.5482633	14.51605	F 10.10648	.1026549
Stddev	.295334	.0168175	.0093110	.68053	.02222	.0055060
%RSD	14.25715	4.506688	1.698278	4.688136	.2198774	5.363607
#1	1.731176	.3713291	.5383665	14.55702	10.08131	.1040725
#2	2.222473	.3573448	.5495734	13.81596	10.12337	.0965787
#3	2.260791	.3908288	.5568498	15.17517	10.11477	.1073135

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-14 Acquired: 06/28/2024 18:54:00 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5F9 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000162	.6608837	5.903278	-.003064	1.853655	.2069819
Stddev	.000164	.0112770	.248491	.000469	.086436	.0073952
%RSD	101.1523	1.706355	4.209369	15.29413	4.663008	3.572861
#1	-.000226	.6487916	5.975506	-.002842	1.878870	.2108032
#2	.000024	.6627453	5.626675	-.003602	1.757415	.1984579
#3	-.000285	.6711140	6.107653	-.002747	1.924679	.2116848

Elem	Sr4077
Units	ppm
Avg	.4319662
Stddev	.0188390
%RSD	4.361217
#1	.4353639
#2	.4116596
#3	.4488751

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.827	35012.22	5109.006	1144.630	2566.744
Stddev	2.198	120.06	191.029	5.244	1.961
%RSD	.1059937	.3429105	3.739071	.4581446	.0764134
#1	2072.025	35082.55	5057.738	1146.723	2566.674
#2	2076.276	34873.59	5320.438	1138.663	2568.740
#3	2073.179	35080.51	4948.842	1148.505	2564.819

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV082 Acquired: 06/28/2024 18:58:21 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV082 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.119990	4.911046	24.77591	4.875248	4.934830	410.6679	9.999011
Stddev	.013405	.004659	.02683	.008546	.006691	.8531	.015263
%RSD	.2618243	.0948607	.1082733	.1752861	.1355850	.2077348	.1526405
#1	5.135395	4.906422	24.77168	4.884904	4.932266	409.8127	9.981981
#2	5.113599	4.915738	24.80460	4.872181	4.929800	411.5189	10.00360
#3	5.110976	4.910977	24.75145	4.868660	4.942423	410.6720	10.01145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4830178	2.464524	399.2710	15.34670	2.523611	14.84933	399.9408
Stddev	.0026044	.002228	.5183	.13019	.003201	.03415	.3223
%RSD	.5391823	.0903945	.1298088	.8483024	.1268252	.2299552	.0805865
#1	.4854742	2.465209	398.6892	15.41100	2.523234	14.81810	399.5840
#2	.4832919	2.466330	399.6833	15.43223	2.526984	14.88579	400.2107
#3	.4802872	2.462035	399.4404	15.19688	2.520616	14.84411	400.0279

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72715	394.8694	2.530335	1.287698	405.8067	2.446481	14.87780
Stddev	.01271	.9944	.004133	.010598	1.4919	.012241	.14539
%RSD	.0863094	.2518236	.1633420	.8230440	.3676376	.5003359	.9771975
#1	14.73032	393.8175	2.529948	1.287810	404.3621	2.433459	14.97669
#2	14.73797	395.7940	2.534648	1.298241	407.3417	2.457751	14.94585
#3	14.71315	394.9966	2.526409	1.277045	405.7162	2.448232	14.71087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.0642	5.064208	4.960054	4.885075	5.116657	4.870340	5.006738
Stddev	.5075	.007396	.008694	.002243	.014400	.006433	.007827
%RSD	.3382147	.1460430	.1752709	.0459110	.2814282	.1320941	.1563273
#1	149.5774	5.072729	4.958768	4.887189	5.102242	4.872183	5.005268
#2	150.5902	5.060445	4.969319	4.882722	5.131042	4.875651	5.015196
#3	150.0252	5.059450	4.952075	4.885313	5.116687	4.863187	4.999751

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV082 Acquired: 06/28/2024 18:58:21 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV082 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.939795	5.147389	4.892634
Stddev	.008529	.011226	.042784
%RSD	.1726499	.2180898	.8744559
#1	4.938681	5.138243	4.860622
#2	4.948826	5.144007	4.876054
#3	4.931879	5.159917	4.941227

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1461.548	26140.00	3999.573	806.2024	2024.993
Stddev	1.563	201.49	9.580	5.8476	5.885
%RSD	.1069436	.7708075	.2395274	.7253225	.2906252
#1	1462.128	26147.89	4009.840	804.4821	2027.609
#2	1459.778	25934.68	3990.873	801.4080	2018.254
#3	1462.738	26337.42	3998.007	812.7172	2029.118

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB082 Acquired: 06/28/2024 19:02:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002451	.0009854	-.001174	.0020788	-.000229	.0107787
Stddev	.001481	.0010683	.000367	.0047450	.000901	.0077959
%RSD	60.40965	108.4121	31.29036	228.2562	393.6633	72.32725
#1	-.001654	.0019081	-.000750	-.003143	-.001147	.0079298
#2	-.004160	.0012332	-.001374	.003252	.000653	.0048079
#3	-.001540	-.000185	-.001396	.006127	-.000192	.0195983

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013117	.0000643	.0000977	.0371632	.0009708	.0000920
Stddev	.0000619	.0000526	.0000739	.0118537	.0006758	.0001019
%RSD	4.716580	81.75291	75.63868	31.89626	69.61317	110.7813
#1	.0012450	.0000039	.0000973	.0239177	.0017291	.0001444
#2	.0013231	.0000890	.0000240	.0467738	.0007509	.0001570
#3	.0013671	.0000999	.0001718	.0407981	.0004323	-.000025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040512	.0293468	.0007447	.0025936	-.000031	.0005237
Stddev	.0014277	.0074626	.0002716	.0275156	.000389	.0000946
%RSD	35.24070	25.42901	36.47628	1060.901	1240.291	18.07387
#1	.0048231	.0227938	.0008833	.0227520	-.000288	.0006330
#2	.0049266	.0374693	.0004317	-.028754	.000416	.0004667
#3	.0024037	.0277773	.0009189	.013783	-.000222	.0004715

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2850194	.0017393	.0055821	-.241076	.0027372	.0097853
Stddev	.1699937	.0011898	.0024373	.046657	.0012249	.0001497
%RSD	59.64283	68.40952	43.66259	19.35383	44.74942	1.529457
#1	.1672440	.0029902	.0080740	-.192327	.0041433	.0096844
#2	.4799018	.0016061	.0032034	-.285314	.0021666	.0099573
#3	.2079125	.0006217	.0054689	-.245589	.0019017	.0097143

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB082 Acquired: 06/28/2024 19:02:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002472	.0055823	.0004135	.0008417	-.000109	F .0308924
Stddev	.0000893	.0090700	.0002935	.0015856	.000800	.0013918
%RSD	36.14186	162.4777	70.97007	188.3862	735.1023	4.505310
#1	.0001583	.0151248	.0000746	.0026723	-.001017	.0316481
#2	.0002463	.0045486	.0005835	-.000047	.000203	.0292863
#3	.0003370	-.002927	.0005823	-.000101	.000488	.0317429

Elem	Sr4077
Units	ppm
Avg	.0001210
Stddev	.0001467
%RSD	121.2734
#1	.0001242
#2	-.000027
#3	.000266

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1817.085	30896.09	4313.022	1006.446	2832.204
Stddev	4.581	27.26	47.216	1.021	6.525
%RSD	.2521008	.0882421	1.094735	.1014694	.2303799
#1	1819.418	30922.94	4315.155	1006.238	2835.507
#2	1820.029	30896.89	4264.775	1007.555	2836.417
#3	1811.807	30868.43	4359.135	1005.545	2824.688

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-15 Acquired: 06/28/2024 19:07:14 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143761	-.006837	.0965362	-.037754	.0085563	67.20618	.8986595
Stddev	.0081769	.001782	.0019354	.004897	.0029975	.86697	.0094920
%RSD	7.149145	26.05980	2.004842	12.97018	35.03259	1.290017	1.056244
#1	.1049600	-.005049	.0957991	-.040663	.0070733	67.31543	.8985166
#2	.1184799	-.006849	.0987318	-.040499	.0120062	66.28977	.8892398
#3	.1196883	-.008613	.0950776	-.032100	.0065894	68.01335	.9082222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033121	.0049388	35.35745	.1001817	.0857928	.1850456	177.4270
Stddev	.0000711	.0001864	.39454	.0007954	.0002665	.0042641	2.3826
%RSD	2.146481	3.774002	1.115855	.7939294	.3105746	2.304374	1.342856
#1	.0033360	.0047910	35.39515	.1007336	.0860984	.1893189	178.0927
#2	.0033681	.0051482	34.94542	.1005416	.0856707	.1807907	174.7824
#3	.0032321	.0048772	35.73179	.0992700	.0856093	.1850273	179.4059

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.079199	34.81959	.1347952	-.001552	1.392486	.2729420	.4150067
Stddev	.055842	.37731	.0015809	.000286	.054519	.0060211	.0069901
%RSD	1.368952	1.083623	1.172777	18.41726	3.915242	2.206000	1.684329
#1	4.106652	34.87186	.1349785	-.001344	1.445818	.2694702	.4196669
#2	4.014945	34.41887	.1362764	-.001878	1.394789	.2694611	.4069693
#3	4.116001	35.16805	.1331307	-.001433	1.336852	.2798945	.4183838

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.262094	7.611474	.0788941	.0005748	.5230282	5.034364	-.004093
Stddev	.173793	.060541	.0002815	.0000688	.0087066	.045881	.001427
%RSD	1.876394	.7953965	.3568678	11.96856	1.664663	.9113650	34.86003
#1	9.195966	7.642213	.0789576	.0006350	.5130388	5.044376	-.002804
#2	9.131072	7.650479	.0785862	.0004998	.5270406	4.984303	-.005626
#3	9.459245	7.541730	.0791384	.0005896	.5290052	5.074413	-.003849

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-15 Acquired: 06/28/2024 19:07:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.806152	.1339761	.1916438
Stddev	.023183	.0014585	.0034168
%RSD	1.283569	1.088589	1.782874
#1	1.809298	.1326430	.1923126
#2	1.781557	.1337514	.1879420
#3	1.827602	.1355339	.1946766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.705	34246.87	4867.706	1122.354	2696.800
Stddev	13.382	65.42	55.192	5.626	21.256
%RSD	.6567086	.1910312	1.133842	.5012343	.7882056
#1	2030.571	34189.29	4850.354	1126.393	2685.873
#2	2029.402	34318.01	4929.488	1124.741	2683.230
#3	2053.142	34233.30	4823.274	1115.929	2721.298

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-16 Acquired: 06/28/2024 19:11:38 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4902845	-.031848	.1208541	-.121562	.0401328	264.0879	.5260995
Stddev	.0039231	.004154	.0040910	.001347	.0022302	1.1885	.0006800
%RSD	.8001629	13.04270	3.385090	1.108392	5.557087	.4500585	.1292579
#1	.4862192	-.029354	.1176488	-.123027	.0426949	265.3489	.5264462
#2	.4940480	-.029547	.1194515	-.120375	.0390770	263.9264	.5253160
#3	.4905863	-.036643	.1254619	-.121283	.0386266	262.9883	.5265363

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014114	.0177138	81.64333	1.213547	.7988817	1.646343	562.7671
Stddev	.0002801	.0003219	.25090	.012302	.0032226	.005069	2.3342
%RSD	19.84534	1.816977	.3073076	1.013750	.4033849	.3078839	.4147808
#1	.0014929	.0173480	81.90446	1.214898	.7952095	1.651465	564.5267
#2	.0010996	.0178398	81.62143	1.225119	.8012383	1.641329	563.6555
#3	.0016416	.0179535	81.40410	1.200625	.8001974	1.646235	560.1191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.56816	200.0624	1.123947	-.005327	3.760546	1.291572	.7719886
Stddev	.05956	.9893	.005984	.000308	.255413	.013632	.0077399
%RSD	.3595009	.4945065	.5323806	5.784670	6.791905	1.055429	1.002585
#1	16.62425	200.7644	1.117233	-.005623	3.514911	1.298053	.7803297
#2	16.57457	200.4918	1.128716	-.005350	3.742003	1.300754	.7705975
#3	16.50564	198.9309	1.125893	-.005008	4.024726	1.275909	.7650387

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.383533	4.013068	.2121428	-.004724	.0926937	3.460299	-.007980
Stddev	.054308	.028507	.0019037	.000655	.0050914	.019340	.002644
%RSD	3.925339	.7103665	.8973717	13.85382	5.492724	.5589046	33.12882
#1	1.366093	3.980183	.2108408	-.004100	.0977206	3.477331	-.011003
#2	1.444419	4.028247	.2112599	-.005405	.0928203	3.464291	-.006835
#3	1.340088	4.030774	.2143276	-.004668	.0875402	3.439275	-.006102

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-16 Acquired: 06/28/2024 19:11:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.516647	.3683287	.3001059
Stddev	.010863	.0027734	.0009135
%RSD	.4316474	.7529570	.3043996
#1	2.523222	.3715064	.3010019
#2	2.522610	.3670834	.3001400
#3	2.504109	.3663963	.2991758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.256	31900.51	4683.231	1042.703	2439.715
Stddev	10.521	246.19	12.847	5.845	13.787
%RSD	.5592632	.7717455	.2743287	.5605752	.5651110
#1	1893.023	31827.72	4676.885	1039.352	2454.520
#2	1872.756	31698.92	4674.791	1039.304	2427.243
#3	1877.989	32174.88	4698.016	1049.452	2437.384

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-17 Acquired: 06/28/2024 19:15:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1077277	-.014284	.1167816	-.039474	.0072204	104.7869
Stddev	.0076646	.005256	.0015611	.012117	.0007335	.9543
%RSD	7.114788	36.79589	1.336781	30.69692	10.15875	.9107146
#1	.1128442	-.013298	.1178516	-.044511	.0080363	105.7968
#2	.0989154	-.009591	.1175030	-.048261	.0070094	104.6637
#3	.1114234	-.019962	.1149903	-.025651	.0066155	103.9002

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.478746	.0052304	.0069032	52.72945	.1186070	.1100888
Stddev	.014903	.0002271	.0000930	.56397	.0040147	.0008087
%RSD	1.007782	4.341356	1.347814	1.069549	3.384903	.7345485
#1	1.495902	.0053712	.0068210	53.37695	.1211961	.1091821
#2	1.471324	.0049685	.0068843	52.46586	.1206428	.1107354
#3	1.469012	.0053517	.0070042	52.34554	.1139822	.1103488

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1748380	209.3212	5.525667	45.72210	.1775845	-.001622
Stddev	.0016091	2.0863	.053766	.42690	.0004656	.000836
%RSD	.9203166	.9966795	.9730144	.9336923	.2621696	51.52789
#1	.1746089	211.5710	5.587132	46.20763	.1770771	-.001990
#2	.1765493	208.9423	5.502503	45.55308	.1776844	-.002212
#3	.1733558	207.4505	5.487367	45.40558	.1779920	-.000666

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.667838	.3176148	.4311737	13.17336	F 10.60497	.0908561
Stddev	.119118	.0043795	.0141411	.11032	.01150	.0018217
%RSD	7.142070	1.378858	3.279666	.8374103	.1084509	2.004990
#1	1.647479	.3215240	.4443212	13.29009	10.59592	.0892170
#2	1.560211	.3184383	.4329859	13.15913	10.60108	.0928173
#3	1.795823	.3128820	.4162138	13.07085	10.61791	.0905340

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-17 Acquired: 06/28/2024 19:15:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003320	.3631911	2.890943	-.003267	1.225361	.1853473
Stddev	.0001310	.0009804	.042700	.000285	.012875	.0034177
%RSD	39.45493	.2699278	1.477034	8.719413	1.050720	1.843926
#1	.0002209	.3623677	2.936738	-.002962	1.239718	.1884356
#2	.0002986	.3642755	2.852221	-.003526	1.221527	.1859309
#3	.0004764	.3629301	2.883870	-.003314	1.214839	.1816754

Elem	Sr4077
Units	ppm
Avg	.3033839
Stddev	.0028379
%RSD	.9354029
#1	.3063309
#2	.3031513
#3	.3006695

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.157	37474.55	5253.029	1230.031	2611.643
Stddev	4.275	1070.56	70.889	32.589	.212
%RSD	.1961563	2.856753	1.349479	2.649406	.0081180
#1	2174.422	36864.76	5179.407	1210.539	2611.888
#2	2180.316	36848.20	5320.825	1211.901	2611.514
#3	2182.732	38710.69	5258.853	1267.653	2611.528

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-18 Acquired: 06/28/2024 19:20:20 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2315827	-.023766	.1791600	-.081157	.0231378	137.6003	1.376115
Stddev	.0047862	.002843	.0018697	.005021	.0040194	3.6488	.036195
%RSD	2.066757	11.96040	1.043585	6.186785	17.37177	2.651715	2.630221
#1	.2273646	-.023956	.1803437	-.086847	.0230405	133.7661	1.335847
#2	.2367843	-.020834	.1801317	-.077348	.0191679	141.0299	1.405941
#3	.2305993	-.026509	.1770045	-.079276	.0272050	138.0048	1.386557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050290	.0141341	52.53767	.2350507	.2287398	.6042706	357.1469
Stddev	.0001639	.0005673	1.35132	.0050663	.0002517	.0155389	9.4151
%RSD	3.258171	4.014013	2.572089	2.155417	.1100329	2.571514	2.636206
#1	.0049190	.0147604	51.05086	.2407213	.2290191	.5900017	347.0943
#2	.0049507	.0136546	53.69107	.2309702	.2285306	.6208261	365.7584
#3	.0052173	.0139874	52.87109	.2334606	.2286696	.6019840	358.5879

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.131694	63.72372	.2333962	-.003931	2.471795	.6040520	1.069397
Stddev	.214962	1.59735	.0015293	.000986	.211236	.0199076	.001761
%RSD	2.643506	2.506678	.6552456	25.08342	8.545841	3.295682	.1646620
#1	7.897808	62.02638	.2350968	-.004958	2.323697	.5853348	1.067368
#2	8.320621	65.19753	.2329581	-.002992	2.713686	.6249676	1.070534
#3	8.176653	63.94724	.2321338	-.003841	2.378003	.6018537	1.070288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.59554	9.309859	.1447565	.0074184	1.819492	3.938004	-.002688
Stddev	.51892	.002591	.0065095	.0002534	.002159	.073292	.002034
%RSD	2.519576	.0278321	4.496837	3.415596	.1186721	1.861149	75.66496
#1	20.13349	9.310405	.1372588	.0076986	1.817005	3.862527	-.004610
#2	21.15696	9.312133	.1489652	.0072054	1.820894	4.008896	-.000559
#3	20.49617	9.307038	.1480455	.0073512	1.820576	3.942588	-.002895

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-18 Acquired: 06/28/2024 19:20:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.254337	.1973079	.3094853
Stddev	.056622	.0010468	.0079311
%RSD	2.511700	.5305589	2.562661
#1	2.194518	.1961118	.3015544
#2	2.307101	.1977543	.3174165
#3	2.261392	.1980575	.3094849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2035.596	34076.54	5004.681	1118.842	2570.992
Stddev	2.638	210.42	115.615	6.360	3.266
%RSD	.1296171	.6175047	2.310130	.5684242	.1270412
#1	2032.972	33921.62	5134.032	1116.535	2568.232
#2	2035.569	34316.10	4911.403	1126.033	2574.598
#3	2038.248	33991.90	4968.610	1113.958	2570.147

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-19 Acquired: 06/28/2024 19:24:41 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G4 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542241	-.009140	.2541156	-.036211	.0048690	80.90224	1.047671
Stddev	.0017092	.001619	.0060989	.002556	.0019605	1.63397	.021212
%RSD	1.108242	17.71201	2.400053	7.058540	40.26495	2.019680	2.024688
#1	.1532983	-.007271	.2549452	-.034351	.0062761	79.29685	1.027099
#2	.1561965	-.010081	.2597572	-.035158	.0057013	80.84650	1.046444
#3	.1531776	-.010068	.2476443	-.039126	.0026297	82.56336	1.069470

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041544	.0070302	34.00501	.1164363	.0708899	.2621453	171.1228
Stddev	.0000700	.0003431	.78731	.0021277	.0007734	.0046559	3.8197
%RSD	1.684575	4.880286	2.315281	1.827348	1.091023	1.776076	2.232149
#1	.0041572	.0071014	33.20205	.1188923	.0711189	.2581263	167.2170
#2	.0040831	.0073321	34.03730	.1151524	.0715230	.2610625	171.3013
#3	.0042230	.0066571	34.77569	.1152641	.0700279	.2672472	174.8502

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.080333	34.02741	.1258308	-.000749	1.027586	.2686166	.7533327
Stddev	.100909	.75118	.0008688	.000557	.225596	.0081369	.0032080
%RSD	2.473049	2.207575	.6904839	74.44980	21.95402	3.029203	.4258436
#1	3.974280	33.26102	.1251944	-.001386	.818205	.2616689	.7496288
#2	4.091560	34.05880	.1268207	-.000509	.998062	.2666127	.7551388
#3	4.175158	34.76240	.1254773	-.000351	1.266491	.2775683	.7552306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.26707	6.513918	.0829363	-.000036	1.493464	4.894342	-.002300
Stddev	.38797	.063913	.0021503	.000130	.018418	.065162	.000244
%RSD	1.914280	.9811705	2.592665	363.2097	1.233224	1.331371	10.61030
#1	19.86500	6.516073	.0804692	.000102	1.490326	4.834763	-.002020
#2	20.29701	6.576726	.0839271	-.000054	1.513250	4.884334	-.002416
#3	20.63920	6.448955	.0844125	-.000156	1.476817	4.963929	-.002465

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-19 Acquired: 06/28/2024 19:24:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.596523	.1437179	.2002148
Stddev	.031778	.0015809	.0037615
%RSD	1.990449	1.100019	1.878735
#1	1.564662	.1421440	.1966295
#2	1.596691	.1437039	.1998844
#3	1.628217	.1453058	.2041307

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.717	33539.60	4779.473	1096.567	2660.844
Stddev	10.242	329.36	87.734	13.131	17.225
%RSD	.5101332	.9820122	1.835648	1.197470	.6473421
#1	2003.829	33162.31	4862.209	1082.345	2657.456
#2	1999.988	33769.72	4788.736	1108.230	2645.565
#3	2019.334	33686.76	4687.475	1099.127	2679.511

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-20 Acquired: 06/28/2024 19:29:05 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2720565	-.023693	.1465147	-.067731	.0167352	139.6046	.9865454
Stddev	.0104880	.003037	.0028514	.001408	.0011285	2.1348	.0150757
%RSD	3.855088	12.81727	1.946169	2.078890	6.743222	1.529194	1.528126
#1	.2695524	-.027196	.1496504	-.069356	.0155080	141.1755	.9987821
#2	.2835700	-.022086	.1458163	-.066868	.0169690	137.1739	.9697045
#3	.2630472	-.021798	.1440773	-.066970	.0177284	140.4643	.9911497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044183	.0105260	40.57501	.3858037	.2390700	.5784788	328.0773
Stddev	.0001457	.0002762	.61063	.0016920	.0003873	.0110264	4.6159
%RSD	3.298219	2.623517	1.504952	.4385703	.1619938	1.906096	1.406962
#1	.0045849	.0102097	41.08955	.3860651	.2390824	.5872571	331.4528
#2	.0043552	.0107190	39.90023	.3873498	.2394510	.5661030	322.8172
#3	.0043147	.0106493	40.73523	.3839962	.2386767	.5820762	329.9618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.168140	72.03284	.3523663	-.003592	2.230764	.5957256	.5942111
Stddev	.096460	1.15428	.0002453	.000722	.145756	.0079002	.0077243
%RSD	1.563837	1.602434	.0696021	20.10752	6.533900	1.326155	1.299920
#1	6.234674	72.98007	.3521682	-.003891	2.380808	.5991568	.5924582
#2	6.057514	70.74718	.3526406	-.004117	2.089713	.5866899	.6026611
#3	6.212231	72.37127	.3522900	-.002768	2.221772	.6013301	.5875139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.82586	6.675995	.1445564	.0012450	.5260324	6.823398	.0089819
Stddev	.28322	.002555	.0012406	.0001074	.0074521	.140805	.0025285
%RSD	2.048505	.0382677	.8582373	8.629876	1.416660	2.063559	28.15068
#1	14.06051	6.673315	.1459320	.0011300	.5191431	6.914127	.0063622
#2	13.51126	6.678403	.1435224	.0012623	.5339421	6.661191	.0091754
#3	13.90582	6.676266	.1442147	.0013428	.5250120	6.894876	.0114080

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-20 Acquired: 06/28/2024 19:29:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.359140	.1997439	.2211861
Stddev	.045994	.0044220	.0032429
%RSD	1.369220	2.213830	1.466129
#1	3.390550	.2030535	.2234482
#2	3.306347	.1947217	.2174708
#3	3.380523	.2014563	.2226393

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.733	33958.79	4916.250	1111.049	2549.963
Stddev	4.449	155.45	79.324	1.648	2.074
%RSD	.2220376	.4577622	1.613512	.1482837	.0813176
#1	2000.939	34004.89	4863.109	1112.064	2547.619
#2	2001.396	33785.50	5007.430	1111.934	2550.712
#3	2008.863	34085.98	4878.212	1109.148	2551.559

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-21 Acquired: 06/28/2024 19:33:26 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G6 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1883649	-.022868	.1616125	-.076351	.0210256	155.8694	1.372891
Stddev	.0098828	.003345	.0030048	.001399	.0045356	3.6908	.034757
%RSD	5.246628	14.62604	1.859262	1.832422	21.57180	2.367908	2.531680
#1	.1802919	-.023107	.1596372	-.074754	.0206327	155.1206	1.359560
#2	.1854165	-.019411	.1601298	-.076940	.0166992	159.8772	1.412341
#3	.1993864	-.026087	.1650705	-.077359	.0257448	152.6104	1.346773

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048310	.0124596	51.92106	.2107242	.1918603	.5896585	371.8140
Stddev	.0001452	.0007543	1.30702	.0040254	.0023288	.0153594	8.9376
%RSD	3.004498	6.054191	2.517326	1.910285	1.213781	2.604791	2.403779
#1	.0048687	.0128246	51.40166	.2136375	.1927768	.5853370	369.2323
#2	.0049537	.0115923	53.40794	.2061309	.1892127	.6067157	381.7583
#3	.0046708	.0129621	50.95357	.2124041	.1935913	.5769228	364.4515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.034692	63.52884	.2159626	-.002231	2.341930	.6033589	.9890960
Stddev	.177458	1.46182	.0008096	.001419	.041073	.0127393	.0088363
%RSD	2.522615	2.301038	.3748632	63.59607	1.753800	2.111397	.8933692
#1	6.966537	63.33842	.2168014	-.002471	2.370124	.6022810	.9945481
#2	7.236124	65.07654	.2159006	-.000707	2.294805	.6166029	.9789010
#3	6.901415	62.17156	.2151859	-.003514	2.360860	.5911928	.9938390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.34682	8.271455	.1564927	.0001402	1.394335	4.983305	-.005909
Stddev	.45231	.093391	.0043657	.0007024	.033076	.108206	.000900
%RSD	2.118857	1.129072	2.789688	501.1525	2.372163	2.171380	15.22347
#1	21.24708	8.309222	.1579686	.0003303	1.394099	4.926001	-.006508
#2	21.84068	8.165096	.1599291	-.000638	1.361378	5.108112	-.004875
#3	20.95271	8.340049	.1515804	.000728	1.427528	4.915801	-.006345

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2821-21 Acquired: 06/28/2024 19:33:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.589660	.2072999	.3110330
Stddev	.086442	.0072675	.0061230
%RSD	2.408080	3.505764	1.968613
#1	3.573419	.2025858	.3109164
#2	3.683071	.2156694	.3172135
#3	3.512491	.2036446	.3049691

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2000.685	34209.23	4831.376	1121.941	2548.264
Stddev	17.426	345.28	104.333	13.535	20.310
%RSD	.8710009	1.009323	2.159487	1.206401	.7970105
#1	1992.373	33938.21	4869.944	1114.219	2535.403
#2	2020.710	34597.98	4713.250	1137.570	2571.678
#3	1988.971	34091.49	4910.934	1114.035	2537.710

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-22 Acquired: 06/28/2024 19:37:47 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G7 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1211111	-.016800	.2889482	-.056365	.0111249	101.3920
Stddev	.0085920	.003849	.0030271	.006094	.0031568	.1361
%RSD	7.094342	22.91307	1.047633	10.81091	28.37649	.1342662
#1	.1134897	-.021187	.2907693	-.053185	.0099277	101.4703
#2	.1304226	-.013984	.2906215	-.052519	.0087417	101.4708
#3	.1194209	-.015230	.2854539	-.063391	.0147052	101.2348

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136634	.0046669	.0084408	55.70710	.1824608	.1397297
Stddev	.001145	.0002301	.0001342	.00947	.0016964	.0007262
%RSD	.1007301	4.929999	1.589907	.0169989	.9297474	.5197046
#1	1.135768	.0044241	.0083561	55.71801	.1806263	.1401888
#2	1.137932	.0046949	.0085955	55.70231	.1839729	.1388924
#3	1.136202	.0048817	.0083707	55.70099	.1827832	.1401077

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3280216	265.2894	5.365093	46.44962	.2052189	-.002391
Stddev	.0013483	.5350	.009549	.07125	.0008544	.000387
%RSD	.4110378	.2016575	.1779916	.1533868	.4163484	16.16375
#1	.3287101	265.6693	5.362490	46.43939	.2059838	-.001996
#2	.3264680	265.5212	5.375674	46.52543	.2042968	-.002410
#3	.3288866	264.6776	5.357115	46.38404	.2053760	-.002768

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.101648	.4515297	.6916133	27.97009	F 12.19324	.1241052
Stddev	.215072	.0014636	.0157938	.14500	.05712	.0024927
%RSD	10.23348	.3241437	2.283612	.5184174	.4684888	2.008556
#1	2.349435	.4501632	.6733849	27.90236	12.21137	.1261291
#2	1.963365	.4530741	.7012148	28.13656	12.12925	.1248656
#3	1.992143	.4513517	.7002401	27.87135	12.23909	.1213208

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-22 Acquired: 06/28/2024 19:37:47 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G7 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000897	4.001795	5.438778	.0061378	2.063797	.1699443
Stddev	.000538	.006879	.010385	.0018323	.006616	.0020700
%RSD	60.01136	.1718915	.1909480	29.85311	.3205606	1.218049
#1	-.000539	3.999654	5.431235	.0044588	2.063241	.1713321
#2	-.000635	4.009490	5.450623	.0058623	2.070673	.1709359
#3	-.001516	3.996242	5.434477	.0080923	2.057476	.1675651

Elem	Sr4077
Units	ppm
Avg	.2410908
Stddev	.0006145
%RSD	.2549031
#1	.2414859
#2	.2414037
#3	.2403828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.393	34654.16	4965.847	1139.150	2617.506
Stddev	7.062	75.88	15.321	6.060	6.019
%RSD	.3449046	.2189502	.3085209	.5319801	.2299550
#1	2039.627	34740.11	4949.590	1144.536	2611.273
#2	2053.429	34596.48	4967.932	1132.588	2623.286
#3	2049.123	34625.90	4980.018	1140.325	2617.959

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2809-10A Acquired: 06/28/2024 19:42:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4R7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.188604	.0260692	1.028229	-.029204	.0254310	146.4420
Stddev	.009831	.0040211	.010874	.013312	.0011295	.0697
%RSD	.8271460	15.42473	1.057555	45.58323	4.441596	.0476218
#1	1.194624	.0215825	1.021708	-.041788	.0244202	146.4133
#2	1.193928	.0272774	1.040782	-.030555	.0252226	146.3911
#3	1.177258	.0293476	1.022197	-.015268	.0266502	146.5215

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.472619	.0063053	.0245689	57.98765	.1805032	.1972195
Stddev	.000671	.0001300	.0001739	.09831	.0036728	.0024562
%RSD	.0455791	2.061068	.7079807	.1695345	2.034736	1.245410
#1	1.471866	.0063128	.0244595	57.87804	.1845891	.1947003
#2	1.472838	.0061718	.0247695	58.06803	.1774762	.1996074
#3	1.473154	.0064314	.0244778	58.01688	.1794442	.1973509

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7751460	445.9313	7.647441	63.45799	.2265668	-.001947
Stddev	.0039400	.3663	.025386	.08112	.0014529	.001402
%RSD	.5082851	.0821446	.3319549	.1278262	.6412475	72.00819
#1	.7767291	445.9392	7.636696	63.36448	.2264208	-.003560
#2	.7706607	446.2936	7.676433	63.50010	.2280871	-.001031
#3	.7780482	445.5611	7.629195	63.50939	.2251925	-.001249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.992666	.7376023	2.705603	25.73283	F 15.64921	.1775516
Stddev	.120317	.0004120	.051489	.13904	.13827	.0018494
%RSD	6.037977	.0558564	1.903056	.5403243	.8835405	1.041600
#1	1.853943	.7380028	2.762716	25.81561	15.59800	.1774756
#2	2.068589	.7376245	2.691353	25.57231	15.80577	.1757413
#3	2.055467	.7371797	2.662739	25.81059	15.54385	.1794377

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2809-10A Acquired: 06/28/2024 19:42:09 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4R7A Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000610	2.776299	7.182369	-.005597	3.808497	.2031545
Stddev	.000737	.021840	.045840	.001197	.005919	.0013793
%RSD	120.9116	.7866643	.6382340	21.37977	.1554251	.6789264
#1	.000061	2.780058	7.194354	-.006934	3.809817	.2035113
#2	-.001399	2.796016	7.221026	-.005232	3.802030	.2043203
#3	-.000491	2.752824	7.131727	-.004626	3.813646	.2016319

Elem	Sr4077
Units	ppm
Avg	.2425437
Stddev	.0011092
%RSD	.4573060
#1	.2436848
#2	.2414695
#3	.2424767

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2056.648	34755.40	5054.092	1134.433	2525.079
Stddev	15.208	717.27	15.045	22.811	20.556
%RSD	.7394690	2.063759	.2976889	2.010813	.8140618
#1	2064.069	33928.93	5064.459	1108.719	2541.173
#2	2039.153	35215.32	5036.836	1152.236	2501.923
#3	2066.721	35121.96	5060.981	1142.342	2532.142

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2810-01A Acquired: 06/28/2024 19:46:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4G6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5943429	.0323248	.5171088	-.017464	.0180231	101.6491
Stddev	.0036336	.0006534	.0018119	.002747	.0022194	1.3278
%RSD	.6113687	2.021233	.3503809	15.72944	12.31444	1.306294
#1	.5973541	.0322409	.5157901	-.019208	.0189056	100.3736
#2	.5953676	.0330160	.5191748	-.014298	.0154981	101.5500
#3	.5903069	.0317174	.5163615	-.018887	.0196656	103.0237

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9536975	.0053964	.0178376	34.38317	.1553994	.1847352
Stddev	.0120874	.0002817	.0002405	.43941	.0035546	.0008612
%RSD	1.267422	5.219643	1.348097	1.277970	2.287378	.4661825
#1	.9427712	.0051996	.0177828	34.00084	.1540266	.1837575
#2	.9516396	.0052706	.0181007	34.28548	.1527360	.1850667
#3	.9666817	.0057191	.0176292	34.86320	.1594357	.1853813

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7174452	369.1702	6.959938	42.26784	.1665264	-.002972
Stddev	.0078222	4.7734	.097007	.45514	.0006462	.000772
%RSD	1.090286	1.293001	1.393792	1.076802	.3880510	25.97637
#1	.7086173	364.6592	6.872658	41.81829	.1657818	-.002208
#2	.7202044	368.6829	6.942774	42.25684	.1669407	-.002956
#3	.7235138	374.1686	7.064381	42.72838	.1668568	-.003752

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.632939	.6739176	1.476254	24.65437	F 10.57726	.1482651
Stddev	.153909	.0083076	.027121	.28204	.03017	.0024901
%RSD	9.425293	1.232735	1.837125	1.143987	.2852179	1.679498
#1	1.799900	.6655671	1.463271	24.46509	10.54953	.1493784
#2	1.602194	.6740040	1.458065	24.51949	10.60939	.1454125
#3	1.496723	.6821817	1.507426	24.97852	10.57288	.1500042

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2810-01A Acquired: 06/28/2024 19:46:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4G6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001530	1.014872	8.366114	-.009852	4.517533	.1502056
Stddev	.0006708	.005301	.208485	.000480	.056870	.0009223
%RSD	438.4046	.5223815	2.492020	4.875155	1.258868	.6140127
#1	-.000400	1.020895	8.190433	-.010224	4.457262	.1497106
#2	-.000040	1.010912	8.311412	-.010022	4.525091	.1496365
#3	.000899	1.012809	8.596497	-.009309	4.570245	.1512697

Elem	Sr4077
Units	ppm
Avg	.1582833
Stddev	.0020406
%RSD	1.289198
#1	.1563423
#2	.1580970
#3	.1604107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.840	33783.29	4951.895	1107.813	2602.647
Stddev	1.516	576.52	80.252	22.217	3.032
%RSD	.0750003	1.706515	1.620641	2.005482	.1164930
#1	2020.477	33995.61	5005.526	1113.135	2606.148
#2	2019.538	34223.53	4990.526	1126.886	2600.931
#3	2022.504	33130.72	4859.633	1083.418	2600.863

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2811-17A Acquired: 06/28/2024 19:50:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4Y3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5898125	.0343925	.4882469	-.026736	.0191405	145.1568
Stddev	.0068479	.0037184	.0036198	.003257	.0046322	3.4936
%RSD	1.161023	10.81151	.7413834	12.18135	24.20089	2.406796
#1	.5830485	.0341762	.4901602	-.022997	.0138086	147.1067
#2	.5896477	.0307870	.4840720	-.028953	.0214392	147.2403
#3	.5967413	.0382142	.4905085	-.028257	.0221738	141.1235

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.520585	.0061121	.0186104	57.16918	.1619559	.1956128
Stddev	.034702	.0001640	.0005727	1.24736	.0005627	.0010582
%RSD	2.282128	2.683574	3.077379	2.181874	.3474659	.5409829
#1	1.541145	.0062745	.0183148	57.84564	.1626049	.1945868
#2	1.540090	.0061152	.0182459	57.93217	.1616577	.1955510
#3	1.480519	.0059465	.0192705	55.72972	.1616049	.1967005

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5972014	398.3895	7.068188	58.32737	.2040601	-.002608
Stddev	.0126904	8.6719	.154102	1.30167	.0008076	.001116
%RSD	2.124980	2.176737	2.180225	2.231669	.3957650	42.77596
#1	.6049833	402.9891	7.153789	58.99420	.2031286	-.002510
#2	.6040636	403.7926	7.160488	59.16051	.2045636	-.001544
#3	.5825574	388.3868	6.890288	56.82740	.2044881	-.003769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.929499	.7034198	3.847493	23.90962	F 12.65513	.1559752
Stddev	.031140	.0159523	.052107	.61897	.04101	.0031254
%RSD	1.613906	2.267815	1.354305	2.588809	.3240520	2.003770
#1	1.941989	.7143082	3.870321	24.16678	12.61001	.1583317
#2	1.894052	.7108425	3.884290	24.35856	12.66523	.1571640
#3	1.952455	.6851087	3.787868	23.20351	12.69014	.1524299

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2811-17A Acquired: 06/28/2024 19:50:51 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4Y3A Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000762	2.112976	8.862058	-.005509	3.056445	.1937546
Stddev	.000950	.007455	.167206	.001999	.070393	.0055160
%RSD	124.6870	.3528158	1.886762	36.29459	2.303100	2.846886
#1	-.001767	2.112012	8.979877	-.005811	3.097732	.1967515
#2	-.000641	2.106050	8.935613	-.007340	3.096438	.1971234
#3	.000122	2.120866	8.670684	-.003375	2.975166	.1873889

Elem	Sr4077
Units	ppm
Avg	.2603892
Stddev	.0067230
%RSD	2.581917
#1	.2637837
#2	.2647382
#3	.2526457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.445	34877.91	5026.757	1135.394	2559.276
Stddev	1.701	70.82	86.981	2.850	4.086
%RSD	.0828058	.2030439	1.730360	.2509817	.1596594
#1	2053.149	34936.70	4977.433	1135.281	2563.984
#2	2053.814	34799.29	4975.648	1132.603	2557.184
#3	2056.371	34897.73	5127.188	1138.299	2556.659

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2813-01A Acquired: 06/28/2024 19:55:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4Y4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3798851	.0342609	.2588101	-.019716	.0137277	135.3256
Stddev	.0047778	.0029415	.0050660	.005857	.0015283	1.0324
%RSD	1.257698	8.585497	1.957438	29.70375	11.13308	.7629174
#1	.3767334	.0321859	.2619693	-.014154	.0146691	136.5147
#2	.3853823	.0376272	.2614941	-.019167	.0119643	134.8053
#3	.3775394	.0329697	.2529667	-.025828	.0145498	134.6569

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.522356	.0068851	.0137612	77.47304	.1979937	.2000600
Stddev	.010813	.0000327	.0000815	.46822	.0014465	.0003665
%RSD	.7102698	.4744228	.5925264	.6043595	.7305670	.1832049
#1	1.534540	.0069151	.0136907	78.00527	.1990328	.2004104
#2	1.518623	.0068503	.0138505	77.28924	.1986066	.2000904
#3	1.513904	.0068900	.0137424	77.12462	.1963417	.1996793

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3610518	350.4259	8.121874	59.83747	.2659988	-.003587
Stddev	.0057279	2.6241	.054012	.37721	.0009843	.000397
%RSD	1.586441	.7488244	.6650171	.6303945	.3700235	11.06293
#1	.3642572	353.4480	8.183702	60.25797	.2651325	-.003384
#2	.3644594	349.1040	8.098050	59.52886	.2670691	-.004044
#3	.3544389	348.7256	8.083870	59.72557	.2657948	-.003333

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.865700	.5404267	.9617166	37.24969	F 14.20039	.1491292
Stddev	.316260	.0074185	.0070603	.34270	.02714	.0008292
%RSD	16.95128	1.372716	.7341306	.9200123	.1911250	.5560290
#1	1.523308	.5470196	.9635329	37.63071	14.22520	.1500552
#2	2.146879	.5418667	.9539256	36.96664	14.17140	.1484554
#3	1.926914	.5323937	.9676912	37.15172	14.20457	.1488769

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2813-01A Acquired: 06/28/2024 19:55:11 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4Y4A Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000182	5.290637	9.655606	-.000217	3.197663	.2060556
Stddev	.000358	.011396	.052720	.001510	.022295	.0019042
%RSD	197.3909	.2154064	.5460026	695.5423	.6972427	.9241000
#1	.000108	5.285319	9.705987	-.001843	3.222469	.2057388
#2	-.000070	5.303721	9.660008	.001142	3.191227	.2080982
#3	-.000582	5.282873	9.600824	.000050	3.179294	.2043296

Elem	Sr4077
Units	ppm
Avg	.2316438
Stddev	.0020592
%RSD	.8889297
#1	.2338672
#2	.2298024
#3	.2312618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2120.095	35742.40	5154.072	1173.069	2520.759
Stddev	.447	157.90	20.484	7.958	2.388
%RSD	.0210761	.4417616	.3974356	.6783761	.0947264
#1	2120.601	35734.70	5132.703	1179.891	2522.805
#2	2119.930	35904.01	5173.539	1174.990	2521.336
#3	2119.754	35588.50	5155.973	1164.327	2518.135

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2814-01A Acquired: 06/28/2024 19:59:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4H3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6504347	.0241554	.5737558	-.017592	.0205419	135.9218
Stddev	.0050335	.0013682	.0024759	.003308	.0017933	.7064
%RSD	.7738613	5.664160	.4315172	18.80511	8.730148	.5197335
#1	.6491564	.0228025	.5709280	-.019827	.0193399	135.4872
#2	.6461637	.0255384	.5748058	-.013791	.0226032	136.7370
#3	.6559841	.0241252	.5755337	-.019156	.0196825	135.5414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.452118	.0064990	.0192611	51.98101	.1586105	.2082830
Stddev	.002701	.0000431	.0001872	.15995	.0029151	.0005435
%RSD	.1859841	.6625745	.9718810	.3077146	1.837906	.2609477
#1	1.451792	.0065126	.0192468	51.93945	.1596581	.2081805
#2	1.454967	.0065336	.0190815	52.15764	.1608571	.2077981
#3	1.449595	.0064508	.0194551	51.84593	.1553164	.2088705

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7274384	396.5193	7.390484	56.76583	.2173587	-.001910
Stddev	.0052770	2.0713	.031005	.24779	.0005443	.001032
%RSD	.7254216	.5223830	.4195216	.4365204	.2504088	54.03620
#1	.7222017	395.4407	7.382160	56.55196	.2167680	-.002007
#2	.7327548	398.9074	7.424801	57.03738	.2174682	-.002891
#3	.7273586	395.2098	7.364491	56.70814	.2178399	-.000833

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.903067	.7290935	1.557331	23.86010	F 14.20653	.1620076
Stddev	.074669	.0033310	.006740	.11589	.00176	.0019178
%RSD	3.923604	.4568648	.4327916	.4856959	.0123681	1.183774
#1	1.876325	.7327906	1.549841	23.72796	14.20457	.1612093
#2	1.987424	.7281633	1.562907	23.94446	14.20796	.1606180
#3	1.845452	.7263264	1.559244	23.90787	14.20707	.1641957

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2814-01A Acquired: 06/28/2024 19:59:33 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4H3A Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007529	2.088254	9.861739	-.006568	3.313939	.1904782
Stddev	.0006156	.008601	.073969	.001356	.022117	.0028204
%RSD	81.77465	.4118730	.7500569	20.63912	.6673923	1.480716
#1	.0001474	2.094939	9.880900	-.005022	3.303406	.1936675
#2	.0007330	2.078551	9.924243	-.007554	3.339354	.1894551
#3	.0013782	2.091272	9.780076	-.007127	3.299058	.1883122

Elem	Sr4077
Units	ppm
Avg	.2371458
Stddev	.0019825
%RSD	.8359610
#1	.2353534
#2	.2392751
#3	.2368090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.725	34540.56	4954.646	1131.381	2511.658
Stddev	3.442	334.01	22.151	7.013	3.805
%RSD	.1697359	.9670216	.4470718	.6198334	.1515120
#1	2028.160	34446.52	4965.985	1129.219	2514.245
#2	2024.086	34263.65	4929.122	1125.703	2507.288
#3	2030.928	34911.52	4968.832	1139.219	2513.440

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2815-11A Acquired: 06/28/2024 20:03:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD536A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4692307	.0315935	.4937286	-.030052	.0187399	146.9395
Stddev	.0055960	.0016306	.0026457	.003543	.0017628	.9024
%RSD	1.192589	5.161174	.5358608	11.79055	9.406801	.6141162
#1	.4713148	.0334281	.4908560	-.025961	.0192328	147.9802
#2	.4628917	.0310427	.4960654	-.032178	.0202039	146.4639
#3	.4734856	.0303096	.4942645	-.032016	.0167832	146.3744

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.571327	.0064323	.0188692	69.05017	.1688608	.2089664
Stddev	.009470	.0001828	.0003401	.24660	.0003896	.0012152
%RSD	.6026655	2.841477	1.802113	.3571260	.2307217	.5815479
#1	1.582207	.0062270	.0188702	69.33485	.1692940	.2076874
#2	1.564940	.0065771	.0185287	68.90273	.1685391	.2091057
#3	1.566833	.0064929	.0192088	68.91292	.1687493	.2101059

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7789517	392.6932	8.762887	63.64614	.2278570	-.002371
Stddev	.0089173	1.5582	.028860	.05941	.0012402	.000404
%RSD	1.144778	.3968017	.3293488	.0933431	.5442921	17.04514
#1	.7892022	394.3912	8.793098	63.61195	.2281164	-.002822
#2	.7746706	392.3597	8.759963	63.71474	.2265076	-.002250
#3	.7729823	391.3288	8.735599	63.61173	.2289470	-.002041

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.894340	.6601484	3.285457	30.69396	F 15.31479	.1628958
Stddev	.089766	.0078142	.011734	.22784	.10613	.0034526
%RSD	4.738624	1.183702	.3571591	.7422824	.6929872	2.119546
#1	1.791557	.6672732	3.272444	30.94560	15.21408	.1655936
#2	1.957333	.6613807	3.295234	30.50168	15.30466	.1640890
#3	1.934129	.6517913	3.288692	30.63459	15.42562	.1590048

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2815-11A Acquired: 06/28/2024 20:03:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD536A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000607	1.479193	7.447739	-.006663	3.327783	.2252419
Stddev	.000406	.010697	.021392	.001748	.016310	.0025435
%RSD	66.76848	.7231381	.2872264	26.24170	.4901192	1.129210
#1	-.001014	1.470642	7.451620	-.004665	3.346614	.2280200
#2	-.000203	1.475750	7.424672	-.007406	3.318614	.2246779
#3	-.000606	1.491187	7.466924	-.007917	3.318121	.2230278

Elem	Sr4077
Units	ppm
Avg	.3164874
Stddev	.0014611
%RSD	.4616455
#1	.3181562
#2	.3154385
#3	.3158675

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2101.938	35715.24	5105.895	1160.398	2519.162
Stddev	7.400	82.35	15.727	3.492	11.484
%RSD	.3520574	.2305694	.3080226	.3009127	.4558776
#1	2109.541	35703.97	5105.131	1162.757	2530.084
#2	2101.514	35802.64	5121.990	1162.052	2520.214
#3	2094.759	35639.10	5090.563	1156.387	2507.188

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2816-01A Acquired: 06/28/2024 20:08:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4J8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2003126	.0468428	.1518723	.0244370	.0079565	93.15772	.8781557
Stddev	.0099524	.0027247	.0019521	.0101276	.0003053	.31723	.0016513
%RSD	4.968425	5.816610	1.285370	41.44380	3.837279	.3405300	.1880433
#1	.2056746	.0461364	.1496222	.0349551	.0080074	92.87263	.8794736
#2	.2064342	.0445409	.1531137	.0236047	.0076290	93.49946	.8786903
#3	.1888290	.0498511	.1528811	.0147512	.0082332	93.10108	.8763034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035812	.0065117	42.18947	.0856403	.1094856	.3126030	203.3515
Stddev	.0000851	.0000897	.13055	.0015362	.0007570	.0034877	.7303
%RSD	2.376099	1.378114	.3094345	1.793750	.6914037	1.115696	.3591354
#1	.0034882	.0064083	42.32054	.0865983	.1101152	.3156455	202.5814
#2	.0036551	.0065682	42.18841	.0864543	.1086457	.3133669	204.0342
#3	.0036004	.0065588	42.05945	.0838685	.1096958	.3087967	203.4388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.495809	42.12775	.1263457	-.001417	1.034727	.3146022	1.383313
Stddev	.019005	.20897	.0006427	.000220	.223036	.0036682	.015236
%RSD	.3458064	.4960318	.5086650	15.51003	21.55508	1.165967	1.101406
#1	5.483500	41.94705	.1269527	-.001175	.910111	.3134090	1.388018
#2	5.517697	42.35658	.1256724	-.001605	.901847	.3116792	1.366279
#3	5.486230	42.07963	.1264121	-.001470	1.292223	.3187184	1.395641

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10222	7.451446	.0885218	-.001516	1.086229	7.637942	-.000874
Stddev	.17903	.019582	.0020126	.000319	.006620	.081083	.001202
%RSD	1.185472	.2627922	2.273591	21.01623	.6094624	1.061584	137.5100
#1	14.94916	7.451884	.0864264	-.001212	1.084493	7.608071	-.002243
#2	15.29909	7.431649	.0886992	-.001489	1.093544	7.729723	.000007
#3	15.05842	7.470805	.0904399	-.001847	1.080649	7.576032	-.000386

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2816-01A Acquired: 06/28/2024 20:08:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4J8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.315117	.1505362	.1556442
Stddev	.005285	.0006464	.0013621
%RSD	.4018702	.4294093	.8751373
#1	1.310236	.1512050	.1541516
#2	1.320730	.1499147	.1568200
#3	1.314386	.1504891	.1559610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.008	33521.02	4740.946	1093.406	2590.057
Stddev	7.870	205.65	23.356	9.203	8.327
%RSD	.3990917	.6135064	.4926515	.8417190	.3215177
#1	1966.480	33510.55	4760.716	1090.667	2582.011
#2	1981.019	33731.71	4715.175	1103.669	2598.640
#3	1968.526	33320.80	4746.948	1085.884	2589.520

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2817-04A Acquired: 06/28/2024 20:12:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD570A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4334520	.0512451	.1524907	.0303705	.0068758	69.05082	1.275423
Stddev	.0053499	.0026681	.0013002	.0053268	.0009402	.15627	.003238
%RSD	1.234260	5.206616	.8526507	17.53950	13.67462	.2263138	.2538753
#1	.4273099	.0491571	.1539870	.0298069	.0058323	69.15427	1.278401
#2	.4370954	.0542510	.1516356	.0359568	.0071379	69.12715	1.275894
#3	.4359508	.0503271	.1518496	.0253479	.0076571	68.87106	1.271976

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029801	.0051936	35.03641	.2644901	.1039084	.2234911	171.1699
Stddev	.0000795	.0000958	.09884	.0003410	.0002056	.0032959	.6370
%RSD	2.667597	1.844531	.2821200	.1289424	.1979004	1.474725	.3721444
#1	.0030562	.0051247	35.07142	.2646890	.1040789	.2196923	171.7528
#2	.0029866	.0051531	35.11299	.2646850	.1039663	.2251927	171.2669
#3	.0028976	.0053030	34.92483	.2640963	.1036801	.2255884	170.4899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.071368	36.71845	.1173347	-.001015	.9054367	.2776034	.5274518
Stddev	.015290	.19761	.0005670	.000500	.1326017	.0026060	.0113960
%RSD	.2162213	.5381663	.4832207	49.20703	14.64505	.9387458	2.160585
#1	7.084405	36.68015	.1169756	-.001292	.9098964	.2796432	.5158130
#2	7.075160	36.93240	.1179884	-.001315	1.035752	.2746676	.5385885
#3	7.054539	36.54279	.1170402	-.000439	.770661	.2784993	.5279537

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.06851	7.928458	.0762721	.0021028	1.383803	5.672174	-.000559
Stddev	.01118	.016165	.0007787	.0006140	.006281	.067964	.000655
%RSD	.0586134	.2038874	1.020963	29.19798	.4539236	1.198199	117.1585
#1	19.06648	7.912714	.0769912	.0022701	1.390935	5.731578	-.001296
#2	19.08056	7.927646	.0754450	.0026157	1.379091	5.686885	-.000044
#3	19.05848	7.945014	.0763801	.0014225	1.381384	5.598060	-.000337

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2817-04A Acquired: 06/28/2024 20:12:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD570A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8661292	.1305792	.1235813
Stddev	.0011252	.0018785	.0006610
%RSD	.1299135	1.438567	.5349067
#1	.8657324	.1284138	.1241282
#2	.8673991	.1315521	.1237690
#3	.8652562	.1317715	.1228467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.858	32966.54	4694.353	1072.351	2612.370
Stddev	4.998	107.94	18.857	8.644	7.805
%RSD	.2579026	.3274247	.4017039	.8061153	.2987851
#1	1935.167	33050.12	4685.350	1080.610	2607.784
#2	1943.625	33004.83	4681.685	1073.077	2621.383
#3	1934.783	32844.67	4716.025	1063.367	2607.945

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2818-01A Acquired: 06/28/2024 20:17:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD581A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6045513	-.019702	1.008374	-.012595	.0192814	155.1944
Stddev	.0171512	.002186	.010583	.006770	.0013839	5.1925
%RSD	2.837018	11.09286	1.049513	53.75385	7.177636	3.345798
#1	.5904057	-.017255	.999873	-.006379	.0205199	159.0192
#2	.5996203	-.021459	1.005021	-.019809	.0195367	157.2807
#3	.6236279	-.020393	1.020227	-.011597	.0177876	149.2832

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.099340	.0066175	.0342919	115.5669	.2993331	.2194483
Stddev	.068042	.0002756	.0009638	3.8170	.0045528	.0029088
%RSD	3.241113	4.164412	2.810478	3.302831	1.520993	1.325493
#1	2.146437	.0066680	.0337074	118.1317	.3016225	.2179225
#2	2.130253	.0068643	.0337639	117.3885	.3022869	.2176199
#3	2.021329	.0063202	.0354042	111.1803	.2940900	.2228025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.019379	345.1943	13.98584	72.42409	.3341354	.0025228
Stddev	.093659	11.0077	.46478	2.38249	.0037822	.0004162
%RSD	3.101918	3.188849	3.323232	3.289636	1.131941	16.49905
#1	3.098429	352.8667	14.29189	73.96694	.3312934	.0029268
#2	3.043770	350.1343	14.21461	73.62522	.3326846	.0025461
#3	2.915938	332.5820	13.45101	69.68011	.3384282	.0020954

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.353820	.5496041	4.430531	49.93794	F 14.43525	.1737281
Stddev	.019257	.0160342	.022439	1.52197	.19833	.0075179
%RSD	.5741936	2.917400	.5064545	3.047724	1.373924	4.327396
#1	3.356127	.5635283	4.449745	51.06782	14.29993	.1795624
#2	3.371821	.5532100	4.435976	50.53871	14.34291	.1763779
#3	3.333514	.5320740	4.405870	48.20727	14.66291	.1652441

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2818-01A Acquired: 06/28/2024 20:17:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD581A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014038	3.455377	8.173439	.0137713	3.389373	.2522862
Stddev	.0007736	.048939	.268328	.0037395	.105598	.0081169
%RSD	55.11341	1.416323	3.282923	27.15427	3.115574	3.217347
#1	.0005685	3.430059	8.315289	.0138929	3.469040	.2587299
#2	.0020959	3.424284	8.341069	.0174485	3.429483	.2549587
#3	.0015469	3.511789	7.863958	.0099725	3.269596	.2431700

Elem	Sr4077
Units	ppm
Avg	.4273393
Stddev	.0142683
%RSD	3.338874
#1	.4378527
#2	.4330683
#3	.4110969

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2091.642	35578.22	5234.724	1164.530	2464.185
Stddev	21.000	462.91	160.471	10.746	29.905
%RSD	1.004002	1.301103	3.065515	.9228056	1.213576
#1	2099.945	35106.59	5134.993	1153.227	2481.049
#2	2107.222	35596.18	5149.345	1165.749	2481.848
#3	2067.760	36031.88	5419.835	1174.615	2429.657

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2819-05A Acquired: 06/28/2024 20:21:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5B3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7882434	-.019242	.1655259	-.026664	.0253162	180.7246	1.660277
Stddev	.0069148	.003912	.0014889	.006877	.0047715	.3610	.004848
%RSD	.8772405	20.33094	.8994956	25.79273	18.84753	.1997690	.2919741
#1	.7920672	-.021123	.1650209	-.020982	.0289000	181.0400	1.662123
#2	.7802612	-.014745	.1672016	-.024700	.0271485	180.8028	1.663931
#3	.7924018	-.021859	.1643551	-.034309	.0199002	180.3308	1.654778

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040595	.0123094	38.10765	2.326865	.2713279	1.461988	398.6765
Stddev	.0001570	.0003406	.04090	.020984	.0010475	.008197	1.1993
%RSD	3.867219	2.766895	.1073255	.9018135	.3860489	.5606902	.3008320
#1	.0039271	.0123296	38.15263	2.329247	.2702121	1.467543	399.8562
#2	.0042330	.0119592	38.07270	2.304792	.2714815	1.452574	397.4584
#3	.0040185	.0126395	38.09761	2.346557	.2722901	1.465849	398.7149

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.51496	117.6803	.6198795	-.003090	1.533499	.8942005	1.634959
Stddev	.02708	.1532	.0023805	.000303	.034266	.0030449	.024439
%RSD	.2003337	.1302048	.3840338	9.821785	2.234469	.3405195	1.494800
#1	13.54479	117.7990	.6183377	-.003143	1.560501	.8916393	1.662646
#2	13.49195	117.5073	.6186796	-.003363	1.494952	.8933949	1.616388
#3	13.50813	117.7346	.6226212	-.002763	1.545045	.8975672	1.625843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.33576	8.193483	.1640976	-.003627	.5376591	5.725116	-.004075
Stddev	.11594	.024500	.0028877	.001444	.0066013	.027568	.002086
%RSD	.4576059	.2990236	1.759733	39.81177	1.227781	.4815248	51.18415
#1	25.38733	8.179259	.1662957	-.003642	.5324097	5.707921	-.004080
#2	25.20298	8.179417	.1651700	-.002176	.5450702	5.710513	-.001987
#3	25.41696	8.221774	.1608271	-.005064	.5354974	5.756913	-.006159

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2819-05A Acquired: 06/28/2024 20:21:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5B3A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.647268	.3364864	.2258352
Stddev	.002075	.0017428	.0004462
%RSD	.1259743	.5179450	.1975693
#1	1.649455	.3351476	.2259829
#2	1.647021	.3358547	.2253339
#3	1.645327	.3384570	.2261889

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.091	32044.01	4628.452	1036.783	2447.801
Stddev	2.933	300.65	20.399	15.960	3.924
%RSD	.1563363	.9382386	.4407239	1.539341	.1603270
#1	1879.413	31871.97	4622.034	1025.832	2451.583
#2	1875.000	32391.17	4651.288	1055.095	2448.073
#3	1873.860	31868.90	4612.035	1029.422	2443.748

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2820-05A Acquired: 06/28/2024 20:25:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5D4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.422514	.0213094	.1715606	-.053005	.0265633	189.7713	2.124136
Stddev	.023381	.0031974	.0015238	.002785	.0018385	.6710	.006692
%RSD	1.643632	15.00461	.8882251	5.254839	6.921210	.3535914	.3150677
#1	1.397146	.0195268	.1727168	-.052777	.0252511	190.5458	2.131797
#2	1.427196	.0250007	.1721313	-.050341	.0257742	189.3669	2.119431
#3	1.443199	.0194006	.1698338	-.055898	.0286647	189.4010	2.121179

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053729	.0186090	66.88422	.8287696	.3260532	.7807637	544.9021
Stddev	.0001887	.0006136	.14560	.0025853	.0038215	.0012290	1.4899
%RSD	3.511544	3.297471	.2176903	.3119406	1.172042	.1574149	.2734297
#1	.0052792	.0185710	67.02443	.8260956	.3233821	.7815154	546.6085
#2	.0055901	.0180152	66.73377	.8289571	.3243470	.7814302	544.2391
#3	.0052495	.0192407	66.89446	.8312559	.3304306	.7793453	543.8588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.72989	110.8911	.7102573	-.006629	2.631581	1.094871	2.118973
Stddev	.02863	.4050	.0077992	.000289	.127744	.006860	.018250
%RSD	.1943617	.3652387	1.098084	4.354435	4.854261	.6265730	.8612682
#1	14.76253	110.9379	.7058055	-.006586	2.653572	1.093679	2.109100
#2	14.70899	110.4647	.7057036	-.006937	2.746903	1.088684	2.107786
#3	14.71816	111.2707	.7192629	-.006365	2.494270	1.102249	2.140033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.81307	9.405726	.2259507	-.001660	2.072602	7.284087	-.000483
Stddev	.15186	.104393	.0054332	.000252	.031677	.072792	.000606
%RSD	.5093756	1.109889	2.404604	15.15757	1.528371	.9993278	125.4038
#1	29.94782	9.337839	.2320471	-.001892	2.055102	7.267661	.000214
#2	29.84288	9.353406	.2216196	-.001694	2.053535	7.363689	-.000885
#3	29.64852	9.525933	.2241856	-.001393	2.109168	7.220912	-.000779

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2820-05A Acquired: 06/28/2024 20:25:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5D4A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.994976	.3319394	.3106592
Stddev	.002707	.0017010	.0013368
%RSD	.1357057	.5124299	.4302960
#1	1.997886	.3315706	.3120593
#2	1.992532	.3304530	.3105218
#3	1.994509	.3337944	.3093964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.060	33104.89	4834.852	1085.717	2475.986
Stddev	11.490	212.15	16.216	8.180	23.865
%RSD	.5862084	.6408301	.3354029	.7534375	.9638676
#1	1968.264	33092.09	4837.178	1080.010	2489.871
#2	1964.989	33323.15	4817.599	1095.089	2489.657
#3	1946.928	32899.44	4849.780	1082.052	2448.429

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2814-19DLX20 Acquired: 06/28/2024 20:29:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD522 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4686709	-.001197	.0865515	-.009105	-.000371	9.560265	.0970708
Stddev	.0078328	.001581	.0013870	.002227	.001276	.023849	.0001432
%RSD	1.671288	132.1292	1.602493	24.45519	343.5648	.2494607	.1475005
#1	.4684901	-.000812	.0860128	-.006909	-.001618	9.537192	.0969950
#2	.4765925	-.002935	.0855147	-.009046	-.000427	9.584821	.0972360
#3	.4609300	.000156	.0881270	-.011361	.000931	9.558783	.0969815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005032	.0009353	4.554785	.0098747	.0112748	.0846645	26.50232
Stddev	.0000292	.0001271	.038787	.0009499	.0003741	.0020622	.10309
%RSD	5.792516	13.59078	.8515704	9.619231	3.318253	2.435730	.3889689
#1	.0005011	.0008067	4.522218	.0093350	.0116539	.0828649	26.38533
#2	.0005334	.0010608	4.597696	.0109715	.0112646	.0842138	26.57985
#3	.0004752	.0009384	4.544443	.0093177	.0109059	.0869148	26.54178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6187270	4.634380	.0133368	.0004043	.3768896	.0392689	.1246292
Stddev	.0062569	.014087	.0004845	.0004275	.0772463	.0007899	.0070072
%RSD	1.011262	.3039609	3.632804	105.7435	20.49574	2.011498	5.622480
#1	.6142784	4.646688	.0132561	-.000070	.4086464	.0385965	.1165497
#2	.6258815	4.619016	.0138565	.000761	.4331959	.0401388	.1290466
#3	.6160210	4.637435	.0128977	.000521	.2888266	.0390715	.1282913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.970332	.8909772	.0121765	-.000156	.1365279	.6344850	.0007333
Stddev	.060335	.0045534	.0006257	.000137	.0075424	.0017063	.0011751
%RSD	3.062162	.5110595	5.138326	87.81414	5.524457	.2689343	160.2449
#1	1.997944	.8933661	.0117785	-.000310	.1320835	.6344736	-.000274
#2	2.011920	.8857265	.0128976	-.000108	.1452365	.6361970	.002024
#3	1.901132	.8938391	.0118533	-.000049	.1322637	.6327844	.000449

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2814-19DLX20 Acquired: 06/28/2024 20:29:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD522 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1709115	.0421166	.0174399
Stddev	.0017068	.0026466	.0000948
%RSD	.9986229	6.284026	.5435864
#1	.1704006	.0391171	.0174086
#2	.1728153	.0441230	.0175464
#3	.1695184	.0431096	.0173647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.916	31311.57	4337.998	1027.731	2807.583
Stddev	2.697	116.23	20.205	6.333	5.604
%RSD	.1456204	.3712040	.4657748	.6162521	.1995978
#1	1855.014	31435.77	4337.350	1034.613	2813.750
#2	1850.639	31205.43	4318.125	1022.147	2806.195
#3	1850.094	31293.50	4358.520	1026.433	2802.803

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV083 Acquired: 06/28/2024 20:34:28 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV083 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.079867	4.900572	24.76045	4.825064	4.904848	407.5255	9.938345
Stddev	.016196	.026316	.07177	.025613	.011827	.8612	.016269
%RSD	.3188237	.5369906	.2898420	.5308233	.2411251	.2113300	.1637021
#1	5.090362	4.909625	24.77824	4.795983	4.900443	407.8415	9.957111
#2	5.061215	4.870925	24.68146	4.834943	4.895856	406.5509	9.928221
#3	5.088025	4.921166	24.82164	4.844266	4.918245	408.1840	9.929702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4866204	2.469868	398.1484	15.35068	2.515570	14.67224	396.6339
Stddev	.0020519	.005951	1.0078	.02580	.008307	.04195	.7829
%RSD	.4216608	.2409446	.2531120	.1681015	.3302368	.2859246	.1973757
#1	.4850370	2.465013	399.3119	15.37877	2.513528	14.70037	397.5265
#2	.4889385	2.468084	397.5471	15.34526	2.508475	14.62402	396.0636
#3	.4858856	2.476507	397.5863	15.32802	2.524709	14.69233	396.3118

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63275	393.3796	2.522040	1.293292	403.1126	2.421923	14.57474
Stddev	.03250	.1360	.006920	.004401	.4916	.014508	.02447
%RSD	.2221093	.0345598	.2743754	.3403244	.1219479	.5990182	.1678679
#1	14.67026	393.3168	2.519611	1.298318	402.5752	2.436436	14.59723
#2	14.61285	393.5356	2.516662	1.290127	403.5397	2.407420	14.54869
#3	14.61515	393.2864	2.529846	1.291431	403.2229	2.421913	14.57829

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.0382	5.031726	4.946072	4.866807	5.078416	4.893399	5.011214
Stddev	.5571	.007304	.010474	.010384	.026392	.010605	.010515
%RSD	.3738074	.1451556	.2117614	.2133658	.5196848	.2167153	.2098360
#1	149.1944	5.035259	4.950765	4.865625	5.071176	4.887108	5.006944
#2	148.4196	5.023327	4.934072	4.857064	5.056400	4.905643	5.003505
#3	149.5005	5.036591	4.953378	4.877731	5.107672	4.887447	5.023193

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV083 Acquired: 06/28/2024 20:34:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.893822	5.116421	4.886794
Stddev	.001282	.008596	.057507
%RSD	.0262055	.1680112	1.176775
#1	4.895130	5.121728	4.926804
#2	4.893769	5.121031	4.912685
#3	4.892567	5.106503	4.820893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1473.645	26072.31	3978.560	807.3791	2040.802
Stddev	4.947	140.37	12.244	4.3986	7.395
%RSD	.3356763	.5383720	.3077572	.5447937	.3623512
#1	1477.182	25911.20	3966.793	802.6195	2044.941
#2	1475.760	26137.44	3977.655	808.2235	2045.200
#3	1467.992	26168.27	3991.232	811.2942	2032.264

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB083 Acquired: 06/28/2024 20:38:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025822	-.001499	-.002217	-.001520	-.002569	-.007050
Stddev	.0030812	.000905	.001023	.003340	.000157	.009391
%RSD	119.3253	60.41394	46.14009	219.7381	6.116068	133.2049
#1	.0038864	-.001636	-.001560	-.000973	-.002676	-.017254
#2	-.000937	-.002328	-.003395	.001513	-.002643	.001230
#3	.004797	-.000533	-.001695	-.005099	-.002388	-.005126

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005795	.0000279	-.000097	.0258042	.0000962	.0001630
Stddev	.0001156	.0000783	.000018	.0035652	.0002871	.0001074
%RSD	19.95295	281.0022	18.40986	13.81617	298.4420	65.91100
#1	.0004461	-.000063	-.000077	.0231264	-.000222	.0000419
#2	.0006501	.000075	-.000105	.0244352	.000336	.0002467
#3	.0006423	.000071	-.000110	.0298509	.000175	.0002004

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055746	.0163223	.0000709	.0077021	.0000556	.0003381
Stddev	.0017715	.0264740	.0008814	.0389243	.0003308	.0000839
%RSD	31.77871	162.1944	1244.151	505.3718	594.7020	24.80384
#1	.0051094	.0375750	-.000087	.0212342	-.000266	.0002415
#2	.0075322	.0247254	.001021	.0380543	.000037	.0003929
#3	.0040820	-.013333	-.000721	-.036182	.000395	.0003798

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663594	.0010720	-.007436	-.130985	-.002088	.0093217
Stddev	.2982851	.0009608	.005734	.066197	.002308	.0010531
%RSD	449.4997	89.62572	77.10838	50.53789	110.5440	11.29691
#1	-.271593	.0003723	-.012046	-.082353	.000428	.0102813
#2	.177756	.0021675	-.001016	-.104230	-.002586	.0094886
#3	.292915	.0006763	-.009245	-.206372	-.004106	.0081951

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCB083 Acquired: 06/28/2024 20:38:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001480	.0036712	.0006239	-.000506	-.000561	F .0321254
Stddev	.0003245	.0031275	.0008907	.000474	.000545	.0010563
%RSD	219.2836	85.18895	142.7721	93.56888	97.24159	3.288132
#1	-.000224	.0064848	.0004478	.000024	-.001137	.0328421
#2	.000371	.0003038	.0015894	-.000888	-.000492	.0326218
#3	.000297	.0042250	-.000166	-.000654	-.000053	.0309123

Elem	Sr4077
Units	ppm
Avg	-.000126
Stddev	.000122
%RSD	96.81583
#1	-.000041
#2	-.000071
#3	-.000266

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.204	31048.23	4230.533	1013.551	2856.670
Stddev	2.411	113.80	10.937	3.965	3.248
%RSD	.1316442	.3665163	.2585266	.3912098	.1136908
#1	1829.043	31010.00	4236.295	1014.500	2853.266
#2	1830.766	31176.21	4217.920	1016.956	2859.734
#3	1833.804	30958.46	4237.385	1009.198	2857.010

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2820-10DLX10 Acquired: 06/28/2024 20:43:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3434666	-.002664	.0083317	-.023674	.0105657	26.57876	.2024621
Stddev	.0038372	.001481	.0010755	.009885	.0038779	.39545	.0027654
%RSD	1.117196	55.57398	12.90889	41.75360	36.70266	1.487826	1.365892
#1	.3455253	-.003810	.0094993	-.017589	.0102524	27.03525	.2055896
#2	.3390394	-.003191	.0073814	-.018355	.0145907	26.35988	.2014566
#3	.3458352	-.000992	.0081143	-.035080	.0068540	26.34114	.2003401

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007825	.0015040	57.71003	.3964521	.0557677	.1408941	102.9589
Stddev	.0000285	.0000676	.79851	.0004484	.0004749	.0008683	1.3544
%RSD	3.636516	4.492343	1.383666	.1131165	.8514725	.6163099	1.315499
#1	.0007509	.0015437	58.62906	.3960514	.0559530	.1400931	104.5079
#2	.0007906	.0014260	57.18600	.3969365	.0552282	.1418169	101.9972
#3	.0008061	.0015423	57.31502	.3963684	.0561220	.1407724	102.3716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.309963	23.71985	.2297279	-.000925	.6109171	.2094385	.1041564
Stddev	.057475	.35246	.0008071	.000463	.0701450	.0053216	.0090730
%RSD	1.333529	1.485920	.3513162	50.08757	11.48192	2.540889	8.710937
#1	4.375426	24.12683	.2287988	-.000393	.6656541	.2119569	.1128893
#2	4.267781	23.51785	.2302556	-.001144	.5318454	.2033252	.1048021
#3	4.286683	23.51487	.2301293	-.001239	.6352518	.2130335	.0947778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1332734	.9327746	.0496912	.0005080	.0301016	.4831441	-.001386
Stddev	.0292741	.0057636	.0004579	.0004435	.0087616	.0053438	.000505
%RSD	21.96547	.6178926	.9214140	87.31243	29.10669	1.106055	36.45645
#1	.1243342	.9301601	.0495797	.0004134	.0358634	.4891398	-.001041
#2	.1659750	.9287816	.0501946	.0009912	.0200189	.4814095	-.001966
#3	.1095111	.9393820	.0492995	.0001194	.0344225	.4788831	-.001151

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2820-10DLX10 Acquired: 06/28/2024 20:43:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2380449	.0862740	.0985815
Stddev	.0037314	.0019295	.0015631
%RSD	1.567522	2.236440	1.585568
#1	.2421533	.0875606	.1003833
#2	.2348664	.0872059	.0975892
#3	.2371149	.0840554	.0977719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.253	30777.54	4296.059	1004.161	2682.314
Stddev	5.181	203.06	59.174	8.014	12.339
%RSD	.2838295	.6597677	1.377404	.7980346	.4600233
#1	1822.970	30545.11	4228.948	995.966	2680.084
#2	1831.183	30920.51	4340.737	1011.979	2695.616
#3	1821.607	30867.00	4318.491	1004.537	2671.242

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-01 Acquired: 06/28/2024 20:47:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1722545	-.017675	.2947372	-.043594	.0057438	89.08619
Stddev	.0040498	.001398	.0022146	.004904	.0017480	.64681
%RSD	2.351074	7.908047	.7513895	11.24951	30.43189	.7260448
#1	.1678019	-.019195	.2964849	-.043113	.0045595	89.67587
#2	.1757184	-.017384	.2954800	-.048721	.0077514	88.39440
#3	.1732432	-.016445	.2922467	-.038948	.0049206	89.18829

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.188445	.0045273	.0070395	53.66818	.1242656	.1313434
Stddev	.005658	.0000232	.0001062	.27451	.0007457	.0004479
%RSD	.4760491	.5116006	1.508403	.5114922	.6001153	.3410211
#1	1.194399	.0045521	.0069169	53.94297	.1234123	.1318396
#2	1.183140	.0045062	.0070995	53.39395	.1247925	.1309690
#3	1.187797	.0045237	.0071021	53.66761	.1245919	.1312216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3878602	191.5960	5.641994	44.08738	.1914209	-.003004
Stddev	.0015141	1.2011	.032062	.25278	.0005499	.000243
%RSD	.3903718	.6268826	.5682829	.5733701	.2872879	8.076970
#1	.3880604	192.4240	5.671791	44.36525	.1919630	-.003274
#2	.3862560	190.2185	5.608067	43.87105	.1914363	-.002804
#3	.3892642	192.1455	5.646125	44.02583	.1908635	-.002933

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.681859	.5143108	.4719033	15.02170	F 10.66988	.0953482
Stddev	.117542	.0059251	.0021098	.13507	.01967	.0033553
%RSD	6.988814	1.152054	.4470729	.8991646	.1843338	3.519010
#1	1.603978	.5205278	.4701330	15.13725	10.68568	.0960779
#2	1.817065	.5087287	.4713392	14.87321	10.64786	.0916881
#3	1.624534	.5136759	.4742378	15.05467	10.67611	.0982786

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-01 Acquired: 06/28/2024 20:47:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010837	.6796323	3.514022	-.004806	1.358527	.1748441
Stddev	.0002079	.0017664	.016282	.001530	.011824	.0006625
%RSD	19.18576	.2598999	.4633489	31.82476	.8703807	.3789126
#1	.0013107	.6775942	3.532454	-.006311	1.367300	.1744783
#2	.0009024	.6807177	3.508017	-.004854	1.345080	.1756089
#3	.0010380	.6805851	3.501595	-.003253	1.363200	.1744453

Elem	Sr4077
Units	ppm
Avg	.3203440
Stddev	.0024859
%RSD	.7760263
#1	.3228739
#2	.3179044
#3	.3202538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2256.381	37990.50	5354.479	1244.741	2627.887
Stddev	2.251	79.59	22.357	4.896	7.674
%RSD	.0997799	.2094920	.4175474	.3933669	.2920390
#1	2254.685	38009.03	5330.884	1245.764	2619.208
#2	2258.935	37903.28	5375.350	1249.045	2630.674
#3	2255.522	38059.18	5357.204	1239.414	2633.778

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-02 Acquired: 06/28/2024 20:52:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1561240	-.016354	.2460181	-.043594	.0057903	94.47835
Stddev	.0057996	.001719	.0036317	.005989	.0029443	.53940
%RSD	3.714733	10.51337	1.476183	13.73852	50.84849	.5709243
#1	.1616135	-.016895	.2467544	-.038967	.0068358	94.21577
#2	.1567010	-.017738	.2420747	-.050358	.0024660	95.09876
#3	.1500575	-.014430	.2492252	-.041456	.0080692	94.12051

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284572	.0048721	.0072118	57.26180	.1338540	.1340684
Stddev	.003759	.0000423	.0002565	.17667	.0008143	.0019688
%RSD	.2926259	.8686164	3.557037	.3085305	.6083280	1.468467
#1	1.285116	.0048281	.0070977	57.29926	.1338859	.1329482
#2	1.288030	.0049125	.0070321	57.41674	.1346518	.1329155
#3	1.280571	.0048758	.0075056	57.06940	.1330242	.1363417

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3294694	198.8954	5.879334	46.66573	.1945773	-.002974
Stddev	.0017333	.7170	.015563	.17924	.0024730	.000441
%RSD	.5261000	.3604874	.2647129	.3840886	1.270959	14.81972
#1	.3312641	198.6292	5.876815	46.62522	.1928262	-.003299
#2	.3293392	199.7075	5.896003	46.86176	.1934994	-.002473
#3	.3278048	198.3496	5.865184	46.51022	.1974063	-.003152

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.944665	.4442382	.4935986	15.70618	F 11.16638	.0990685
Stddev	.279748	.0091127	.0029432	.08512	.13108	.0010438
%RSD	14.38543	2.051302	.5962783	.5419713	1.173867	1.053604
#1	1.621711	.4358464	.4903155	15.67042	11.08906	.0978779
#2	2.100220	.4539317	.4960006	15.80335	11.09236	.0998258
#3	2.112062	.4429363	.4944797	15.64477	11.31772	.0995018

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-02 Acquired: 06/28/2024 20:52:08 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5H2D Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004183	.7317984	3.388406	-.005478	1.442302	.1824987
Stddev	.0002048	.0073825	.017634	.002218	.005826	.0033486
%RSD	48.97277	1.008814	.5204311	40.49034	.4039459	1.834882
#1	.0001934	.7277898	3.385510	-.004389	1.436560	.1786423
#2	.0005943	.7403181	3.407309	-.008031	1.448208	.1846714
#3	.0004672	.7272874	3.372399	-.004016	1.442136	.1841823

Elem	Sr4077
Units	ppm
Avg	.3439800
Stddev	.0033999
%RSD	.9883937
#1	.3415404
#2	.3478635
#3	.3425361

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2205.488	37131.47	5272.167	1220.719	2611.312
Stddev	16.616	120.12	19.245	2.180	25.741
%RSD	.7533841	.3234918	.3650374	.1785877	.9857642
#1	2216.364	37023.45	5263.627	1218.298	2628.363
#2	2213.737	37110.13	5258.670	1221.334	2623.871
#3	2186.361	37260.82	5294.205	1222.526	2581.702

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-01LX5 Acquired: 06/28/2024 20:56:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360229	-.004529	.0601460	-.012958	-.001556	20.75175	.2852216
Stddev	.0027316	.002867	.0016313	.006223	.002930	.10965	.0004962
%RSD	7.582866	63.30518	2.712270	48.02498	188.2577	.5283885	.1739779
#1	.0367864	-.002328	.0618818	-.008058	-.001972	20.63151	.2847381
#2	.0329908	-.003487	.0586445	-.019960	.001559	20.84622	.2857296
#3	.0382914	-.007771	.0599117	-.010856	-.004256	20.77753	.2851973

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010944	.0009505	12.85716	.0304227	.0255484	.0958929	46.58057
Stddev	.0000664	.0001172	.02372	.0003197	.0001426	.0016630	.18176
%RSD	6.065980	12.32539	.1844727	1.050998	.5582170	1.734171	.3902098
#1	.0011491	.0009987	12.84202	.0306057	.0255607	.0960407	46.37069
#2	.0011136	.0008170	12.88449	.0300535	.0254000	.0974771	46.68680
#3	.0010206	.0010359	12.84496	.0306089	.0256845	.0941610	46.68421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.373087	10.26839	.0381856	-.000965	.5296805	.1245611	.1123922
Stddev	.003314	.13557	.0005387	.000338	.1782826	.0024411	.0065090
%RSD	.2413420	1.320299	1.410777	34.97064	33.65852	1.959778	5.791356
#1	1.370444	10.14967	.0375893	-.001315	.5236077	.1217470	.1082850
#2	1.376805	10.23938	.0386372	-.000939	.7109220	.1261095	.1089946
#3	1.372011	10.41612	.0383303	-.000641	.3545119	.1258267	.1198970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.070253	2.077405	.0244344	-.000036	.1299448	.8993281	.0007742
Stddev	.037439	.000402	.0004399	.000071	.0055417	.0074370	.0007279
%RSD	1.219417	.0193630	1.800524	195.9442	4.264641	.8269518	94.01810
#1	3.037835	2.077268	.0248144	.000042	.1322788	.9030684	.0016085
#2	3.061692	2.077858	.0239524	-.000094	.1236179	.9041526	.0004453
#3	3.111231	2.077090	.0245363	-.000056	.1339376	.8907635	.0002688

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-01LX5 Acquired: 06/28/2024 20:56:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3204870	.0615773	.0757915
Stddev	.0010359	.0027756	.0007275
%RSD	.3232118	4.507549	.9598512
#1	.3200835	.0588076	.0750362
#2	.3197136	.0615656	.0764876
#3	.3216639	.0643588	.0758505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.509	32410.84	4509.718	1061.730	2787.748
Stddev	4.688	185.96	20.293	5.656	4.077
%RSD	.2423261	.5737610	.4499930	.5327568	.1462292
#1	1936.590	32580.49	4498.446	1068.104	2789.318
#2	1937.796	32440.00	4497.562	1059.775	2790.806
#3	1929.141	32212.02	4533.145	1057.310	2783.119

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-03 Acquired: 06/28/2024 21:01:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2259384	.0709358	.3048391	.0119659	.1214971	137.0360
Stddev	.0100245	.0048869	.0081534	.0031131	.0002882	.4379
%RSD	4.436817	6.889140	2.674640	26.01682	.2372302	.3195845
#1	.2166082	.0665181	.2954567	.0132070	.1211767	136.8582
#2	.2365365	.0701043	.3102045	.0084236	.1215794	136.7149
#3	.2246704	.0761851	.3088561	.0142670	.1217353	137.5349

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.818163	.0845988	.1002436	74.38184	.5201771	1.033913
Stddev	.016218	.0004028	.0021304	.19080	.0019837	.021015
%RSD	.3366050	.4761779	2.125226	.2565101	.3813566	2.032527
#1	4.814413	.0850639	.0977841	74.27864	.5212321	1.009718
#2	4.804149	.0843710	.1014349	74.26487	.5178888	1.044411
#3	4.835928	.0843615	.1015120	74.60201	.5214104	1.047610

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7064066	272.3191	7.994298	66.30358	1.134600	.0596099
Stddev	.0043733	1.0366	.027149	.28158	.023109	.0007306
%RSD	.6190839	.3806726	.3396102	.4246823	2.036710	1.225572
#1	.7114358	271.6076	7.986237	66.10850	1.107943	.0603729
#2	.7034973	271.8413	7.972093	66.17584	1.146887	.0589167
#3	.7042867	273.5085	8.024566	66.62638	1.148969	.0595401

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.355015	1.179918	1.501720	21.80468	F 12.18821	.1384058
Stddev	.124335	.007841	.007731	.08172	.23720	.0018768
%RSD	5.279599	.6645103	.5148183	.3748038	1.946165	1.356005
#1	2.357594	1.171347	1.492805	21.81723	11.91470	.1363687
#2	2.478040	1.186729	1.506583	21.71741	12.31224	.1400646
#3	2.229409	1.181679	1.505771	21.87941	12.33768	.1387843

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-03 Acquired: 06/28/2024 21:01:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4184218	1.124968	4.604275	-.000832	1.955104	.2485347
Stddev	.0060186	.021301	.014501	.001264	.009489	.0009454
%RSD	1.438409	1.893486	.3149393	151.8539	.4853642	.3803802
#1	.4116177	1.101326	4.618820	-.002125	1.949550	.2489610
#2	.4205984	1.130916	4.604185	.000400	1.949701	.2491919
#3	.4230494	1.142664	4.589819	-.000772	1.966061	.2474513

Elem	Sr4077
Units	ppm
Avg	.4860433
Stddev	.0018497
%RSD	.3805595
#1	.4866599
#2	.4839641
#3	.4875059

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2140.901	35421.60	5099.653	1162.135	2602.461
Stddev	27.212	150.35	17.811	5.081	43.369
%RSD	1.271040	.4244710	.3492526	.4371859	1.666446
#1	2172.264	35270.86	5079.180	1158.629	2652.298
#2	2126.874	35571.56	5111.578	1167.961	2581.781
#3	2123.564	35422.40	5108.202	1159.813	2573.302

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-04 Acquired: 06/28/2024 21:05:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1363645	-.013636	.3503770	-.045061	.0115710	90.42315
Stddev	.0078272	.004228	.0029241	.001327	.0007245	.32788
%RSD	5.739907	31.01074	.8345498	2.945084	6.261549	.3626118
#1	.1378604	-.016682	.3470510	-.043924	.0110830	90.41190
#2	.1433358	-.015417	.3515370	-.044739	.0112265	90.10104
#3	.1278973	-.008808	.3525432	-.046519	.0124035	90.75652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.352289	.0048106	.0241918	88.63449	.2193726	.0911363
Stddev	.003603	.0000691	.0001010	.17527	.0008415	.0000300
%RSD	.2664664	1.436033	.4172716	.1977491	.3836071	.0329533
#1	1.350730	.0048631	.0243067	88.58608	.2192651	.0911038
#2	1.349727	.0047323	.0241513	88.48851	.2202627	.0911630
#3	1.356409	.0048364	.0241174	88.82888	.2185900	.0911422

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.586512	192.3905	4.606188	39.62600	.2443284	-.002114
Stddev	.006078	.5667	.002212	.10820	.0005272	.000181
%RSD	.3831056	.2945364	.0480135	.2730461	.2157889	8.575175
#1	1.583133	192.3679	4.604100	39.59306	.2439597	-.002093
#2	1.582874	191.8355	4.605960	39.53810	.2440933	-.001944
#3	1.593529	192.9681	4.608505	39.74684	.2449323	-.002305

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.171148	.3087027	1.204250	17.48938	F 12.05648	.1242927
Stddev	.100911	.0024207	.009190	.14110	.01580	.0011229
%RSD	4.647814	.7841597	.7631166	.8067483	.1310202	.9034134
#1	2.232781	.3090655	1.200177	17.54388	12.07469	.1230995
#2	2.054692	.3061211	1.197800	17.32916	12.04650	.1253287
#3	2.225971	.3109216	1.214772	17.59509	12.04824	.1244499

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-04 Acquired: 06/28/2024 21:05:17 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5H4 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018713	3.884582	2.566639	.0055815	1.453951	.1967340
Stddev	.0002898	.014560	.008664	.0013242	.005602	.0026613
%RSD	15.48811	.3748165	.3375660	23.72554	.3853168	1.352765
#1	.0021509	3.895680	2.571263	.0040535	1.452959	.1937875
#2	.0015723	3.868096	2.556643	.0063952	1.448910	.1974515
#3	.0018908	3.889970	2.572009	.0062959	1.459983	.1989631

Elem	Sr4077
Units	ppm
Avg	.4684042
Stddev	.0033795
%RSD	.7214910
#1	.4688586
#2	.4648205
#3	.4715335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2121.838	35281.39	5043.436	1165.218	2678.806
Stddev	.600	52.72	16.680	2.454	3.128
%RSD	.0283003	.1494179	.3307326	.2106117	.1167846
#1	2121.613	35326.17	5028.645	1167.802	2675.342
#2	2122.519	35223.29	5061.515	1162.919	2681.425
#3	2121.383	35294.71	5040.147	1164.931	2679.651

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-05 Acquired: 06/28/2024 21:09:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2043385	-.009149	.5533499	-.063060	.0117246	129.0312
Stddev	.0047866	.001362	.0022839	.002910	.0019604	.8405
%RSD	2.342477	14.88809	.4127466	4.615335	16.72016	.6514235
#1	.1994432	-.007832	.5521841	-.066321	.0135090	128.5645
#2	.2045640	-.009063	.5518842	-.062133	.0096262	130.0015
#3	.2090084	-.010553	.5559815	-.060726	.0120386	128.5275

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.802666	.0060351	.0171848	157.8200	.1720450	.1510515
Stddev	.012556	.0001400	.0000761	.8426	.0051116	.0000373
%RSD	.4480104	2.319268	.4428850	.5339088	2.971104	.0246964
#1	2.795315	.0058990	.0170973	157.3771	.1675868	.1510105
#2	2.817165	.0061787	.0172355	158.7917	.1776241	.1510607
#3	2.795520	.0060276	.0172216	157.2912	.1709242	.1510834

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7605279	275.5379	15.07232	53.40302	.2437487	-.004724
Stddev	.0066566	1.9705	.09401	.22329	.0005862	.000893
%RSD	.8752651	.7151627	.6237446	.4181150	.2404801	18.90826
#1	.7535450	274.8178	15.02692	53.35509	.2442350	-.003767
#2	.7668015	277.7672	15.18042	53.64637	.2439131	-.005536
#3	.7612371	274.0287	15.00963	53.20759	.2430978	-.004870

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.676018	.4132666	1.357436	25.85349	F 13.94163	.1424519
Stddev	.109843	.0053331	.037735	.31797	.05019	.0016777
%RSD	6.553835	1.290482	2.779881	1.229881	.3599943	1.177751
#1	1.799113	.4097116	1.318852	25.72811	13.98026	.1407826
#2	1.587989	.4193989	1.394260	26.21503	13.88490	.1441379
#3	1.640952	.4106893	1.359198	25.61733	13.95971	.1424352

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-05 Acquired: 06/28/2024 21:09:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044718	3.493930	4.857637	.0014779	1.797553	.2374523
Stddev	.0004492	.028608	.053042	.0025640	.018738	.0011201
%RSD	10.04538	.8187839	1.091934	173.4865	1.042410	.4717111
#1	.0049866	3.519748	4.800816	.0043485	1.789746	.2387126
#2	.0041592	3.463175	4.905846	.0006706	1.818932	.2370739
#3	.0042697	3.498868	4.866251	-.000585	1.783980	.2365705

Elem	Sr4077
Units	ppm
Avg	.4071318
Stddev	.0036676
%RSD	.9008371
#1	.4046695
#2	.4113469
#3	.4053790

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.514	35086.17	5088.045	1148.992	2543.866
Stddev	1.922	650.11	11.720	21.555	1.856
%RSD	.0910989	1.852896	.2303437	1.875957	.0729663
#1	2107.349	35630.02	5099.262	1168.841	2542.452
#2	2110.174	34366.12	5075.880	1126.063	2545.968
#3	2111.018	35262.37	5088.994	1152.073	2543.178

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-06 Acquired: 06/28/2024 21:13:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1607400	-.015259	.5043353	-.042141	.0105107	92.69893
Stddev	.0033949	.001326	.0009807	.003764	.0046044	.37673
%RSD	2.112030	8.692378	.1944471	8.932628	43.80643	.4064005
#1	.1643982	-.013812	.5052499	-.041038	.0052306	93.01428
#2	.1576910	-.016417	.5044563	-.046334	.0126119	92.80075
#3	.1601307	-.015547	.5032998	-.039052	.0136898	92.28175

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.378085	.0045091	.0251420	76.24287	.1552261	.1041292
Stddev	.005023	.0000622	.0003022	.19713	.0005786	.0007598
%RSD	.3644845	1.379759	1.201806	.2585571	.3727557	.7296621
#1	1.381911	.0045090	.0247935	76.43984	.1556006	.1034412
#2	1.379947	.0045714	.0253303	76.24320	.1545597	.1040017
#3	1.372397	.0044470	.0253023	76.04557	.1555181	.1049446

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.534621	200.0324	4.814111	40.95493	.2031161	-.002664
Stddev	.018964	.6555	.009344	.11521	.0021358	.000476
%RSD	.5365333	.3276757	.1940873	.2813141	1.051496	17.88398
#1	3.553144	200.7508	4.823489	41.07507	.2027315	-.003108
#2	3.515244	199.8793	4.814043	40.94432	.2011987	-.002724
#3	3.535474	199.4670	4.804802	40.84538	.2054180	-.002160

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.762628	.3228910	1.510342	23.48483	F 13.20536	.1274346
Stddev	.096079	.0067699	.022361	.14067	.06399	.0014280
%RSD	5.450921	2.096657	1.480525	.5989771	.4845964	1.120579
#1	1.872073	.3283725	1.509930	23.64712	13.14844	.1271543
#2	1.723643	.3249768	1.532906	23.40969	13.19302	.1289819
#3	1.692169	.3153236	1.488190	23.39769	13.27463	.1261674

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-06 Acquired: 06/28/2024 21:13:59 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5H6 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013336	5.067763	2.417587	.0063991	1.637252	.1782289
Stddev	.0007078	.026220	.027243	.0009244	.009551	.0036781
%RSD	53.07428	.5173840	1.126851	14.44507	.5833393	2.063695
#1	.0005168	5.062868	2.439556	.0072315	1.644624	.1820896
#2	.0017678	5.044336	2.387105	.0054043	1.640670	.1747657
#3	.0017162	5.096086	2.426101	.0065616	1.626462	.1778314

Elem	Sr4077
Units	ppm
Avg	.4249843
Stddev	.0026078
%RSD	.6136206
#1	.4279564
#2	.4239172
#3	.4230793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2187.931	36430.18	5227.512	1198.602	2660.848
Stddev	5.892	69.54	19.243	8.722	10.494
%RSD	.2693074	.1908720	.3681050	.7276406	.3943874
#1	2193.513	36510.47	5222.779	1202.218	2669.398
#2	2188.510	36390.40	5248.679	1188.654	2664.008
#3	2181.771	36389.67	5211.077	1204.934	2649.137

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-07 Acquired: 06/28/2024 21:18:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2723417	-.010095	.2418646	-.040558	.0095157	68.38342
Stddev	.0021333	.001885	.0008452	.004797	.0021126	.67395
%RSD	.7833114	18.67825	.3494664	11.82668	22.20106	.9855484
#1	.2747875	-.007919	.2410809	-.035349	.0081688	68.07219
#2	.2713726	-.011258	.2417526	-.044794	.0084278	67.92132
#3	.2708649	-.011106	.2427602	-.041531	.0119505	69.15674

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.070051	.0035740	.0098426	51.15396	.1384971	.0799497
Stddev	.006276	.0000356	.0000741	.27359	.0006602	.0003391
%RSD	.5864999	.9949607	.7525106	.5348336	.4767142	.4241581
#1	1.068359	.0036061	.0098861	51.10909	.1380261	.0799823
#2	1.064795	.0035358	.0097571	50.90558	.1392518	.0795955
#3	1.077000	.0035801	.0098847	51.44721	.1382135	.0802713

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4851780	187.8645	4.378436	30.86293	.1429191	-.003367
Stddev	.0098483	1.6793	.033251	.20109	.0003278	.000323
%RSD	2.029828	.8938863	.7594157	.6515526	.2293233	9.601961
#1	.4806622	187.3672	4.369258	30.79945	.1427988	-.003051
#2	.4783975	186.4900	4.350739	30.70125	.1426685	-.003697
#3	.4964744	189.7363	4.415312	31.08810	.1432900	-.003353

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.106523	.3311072	.8579374	18.75848	F 12.22645	.1030490
Stddev	.084694	.0012237	.0082342	.33353	.01143	.0025947
%RSD	2.726339	.3695798	.9597645	1.778029	.0935019	2.517975
#1	3.019251	.3299213	.8671722	18.63168	12.21347	.1035879
#2	3.188379	.3310349	.8513603	18.50695	12.23502	.1002272
#3	3.111938	.3323655	.8552797	19.13682	12.23086	.1053320

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-07 Acquired: 06/28/2024 21:18:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012297	3.498870	2.298719	-.000838	1.426488	.1324113
Stddev	.0002693	.013204	.013199	.001528	.015362	.0009285
%RSD	21.89968	.3773727	.5742032	182.3628	1.076891	.7012018
#1	.0009642	3.503783	2.293613	.000734	1.417988	.1334338
#2	.0012223	3.483914	2.288837	-.002318	1.417255	.1316209
#3	.0015026	3.508912	2.313709	-.000930	1.444221	.1321791

Elem	Sr4077
Units	ppm
Avg	.2390830
Stddev	.0039695
%RSD	1.660323
#1	.2373008
#2	.2363168
#3	.2436313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2071.288	33962.69	4896.850	1131.885	2744.543
Stddev	4.428	143.26	44.436	8.258	6.931
%RSD	.2137674	.4218177	.9074420	.7295466	.2525203
#1	2072.080	34123.18	4910.648	1134.049	2748.944
#2	2066.517	33917.19	4932.750	1138.844	2736.554
#3	2075.266	33847.71	4847.152	1122.760	2748.130

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-08 Acquired: 06/28/2024 21:22:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2624913	-.022153	.6768104	-.062123	.0136362	145.1435
Stddev	.0061052	.002731	.0062387	.001114	.0024921	.5343
%RSD	2.325868	12.32645	.9217841	1.793207	18.27596	.3681190
#1	.2560983	-.020666	.6707234	-.062143	.0164627	144.6470
#2	.2631147	-.020490	.6765173	-.063228	.0117551	145.0746
#3	.2682608	-.025305	.6831905	-.061000	.0126907	145.7089

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.061429	.0075722	.0148198	89.43031	.2105796	.1608676
Stddev	.004288	.0002349	.0001094	.20516	.0011725	.0003375
%RSD	.2080213	3.101648	.7380001	.2294069	.5568163	.2097989
#1	2.057368	.0076702	.0147700	89.28156	.2092742	.1612568
#2	2.061006	.0077421	.0147441	89.34500	.2109212	.1606548
#3	2.065913	.0073041	.0149452	89.66436	.2115435	.1606913

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5970625	284.8763	6.689236	63.28261	.2679984	-.004635
Stddev	.0033031	.9934	.018282	.17078	.0007755	.000263
%RSD	.5532213	.3486989	.2733074	.2698658	.2893853	5.672410
#1	.5952654	284.1380	6.671048	63.21546	.2678062	-.004703
#2	.5950475	284.4852	6.689047	63.15562	.2673371	-.004858
#3	.6008745	286.0057	6.707611	63.47676	.2688520	-.004345

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.331376	.4539543	1.812457	34.24970	F 17.44488	.1744769
Stddev	.213367	.0024926	.021850	.12924	.05054	.0014696
%RSD	9.151986	.5490955	1.205541	.3773444	.2896962	.8423084
#1	2.280282	.4567803	1.793734	34.11859	17.46231	.1733875
#2	2.565651	.4530141	1.807171	34.25354	17.38793	.1761484
#3	2.148194	.4520686	1.836464	34.37698	17.48439	.1738947

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-08 Acquired: 06/28/2024 21:22:45 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5H8 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018515	6.519714	4.188890	.0518837	1.701336	.2612748
Stddev	.0009759	.030637	.012775	.0013908	.007064	.0012692
%RSD	52.71113	.4699141	.3049692	2.680535	.4151866	.4857564
#1	.0008653	6.552870	4.203279	.0533746	1.696140	.2622276
#2	.0028168	6.513821	4.178885	.0506215	1.698489	.2598341
#3	.0018723	6.492452	4.184505	.0516549	1.709379	.2617626

Elem	Sr4077
Units	ppm
Avg	.7090143
Stddev	.0022890
%RSD	.3228426
#1	.7069070
#2	.7086862
#3	.7114496

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.066	35867.71	5224.762	1181.511	2562.556
Stddev	5.058	127.48	10.878	3.260	3.873
%RSD	.2329698	.3554231	.2082028	.2759132	.1511227
#1	2176.269	35999.61	5212.632	1179.831	2567.016
#2	2166.167	35858.35	5233.651	1185.269	2560.607
#3	2170.762	35745.16	5228.004	1179.434	2560.045

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-09 Acquired: 06/28/2024 21:27:07 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5H9 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049123	-.012063	.1062452	-.043338	.0025681	87.31001	1.314230
Stddev	.0008203	.003115	.0024497	.001930	.0032814	.22865	.000732
%RSD	.7819101	25.82189	2.305676	4.453797	127.7747	.2618858	.0556977
#1	.1045508	-.009649	.1046879	-.045114	.0063079	87.06683	1.315075
#2	.1058513	-.010961	.1049790	-.041284	.0001708	87.52066	1.313781
#3	.1043348	-.015579	.1090689	-.043616	.0012257	87.34253	1.313835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041468	.0044486	50.50113	.1292938	.0869745	.1848432	180.6018
Stddev	.0000137	.0002176	.08122	.0009347	.0009677	.0037445	.4415
%RSD	.3313094	4.890319	.1608233	.7229558	1.112668	2.025767	.2444475
#1	.0041560	.0045354	50.47925	.1282812	.0876674	.1805269	180.1748
#2	.0041534	.0042011	50.59105	.1301237	.0858688	.1867821	181.0565
#3	.0041310	.0046094	50.43310	.1294764	.0873873	.1872207	180.5740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.374018	39.44169	.1505761	-.004324	1.492981	.3145997	.4924688
Stddev	.019937	.18148	.0021382	.000118	.168436	.0003723	.0171601
%RSD	.3709933	.4601203	1.420039	2.719000	11.28185	.1183473	3.484503
#1	5.366808	39.24809	.1509132	-.004363	1.553051	.3150274	.4732665
#2	5.396557	39.60794	.1482894	-.004191	1.623148	.3144238	.5063035
#3	5.358688	39.46904	.1525258	-.004417	1.302745	.3143479	.4978364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.37872	7.007572	.0937167	.0005575	.8086011	3.029915	-.003765
Stddev	.04047	.075708	.0019202	.0006146	.0088807	.013126	.000385
%RSD	.3556586	1.080373	2.048966	110.2458	1.098286	.4332029	10.22471
#1	11.35775	7.040313	.0954898	.0002320	.8094564	3.035784	-.003862
#2	11.42537	6.921004	.0916772	.0012663	.7993237	3.039082	-.004093
#3	11.35304	7.061399	.0939830	.0001741	.8170233	3.014879	-.003341

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-09 Acquired: 06/28/2024 21:27:07 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5H9 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.530767	.1543384	.2199278
Stddev	.008325	.0015083	.0004765
%RSD	.5438195	.9772417	.2166543
#1	1.521713	.1537929	.2196982
#2	1.538091	.1531788	.2204756
#3	1.532496	.1560435	.2196096

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2109.935	34698.08	4946.655	1141.534	2711.233
Stddev	15.405	139.26	5.964	3.203	23.676
%RSD	.7301391	.4013428	.1205617	.2805585	.8732561
#1	2098.746	34835.71	4942.141	1144.170	2701.350
#2	2127.506	34701.28	4944.408	1142.463	2738.249
#3	2103.554	34557.25	4953.416	1137.970	2694.099

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-10 Acquired: 06/28/2024 21:31:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1626300	-.013990	.1176893	-.048499	.0083261	102.7533	1.211562
Stddev	.0061826	.001518	.0015612	.002547	.0006002	.3057	.002325
%RSD	3.801612	10.84735	1.326541	5.251839	7.208429	.2974653	.1918707
#1	.1691982	-.013684	.1166336	-.048776	.0090188	102.8646	1.212198
#2	.1569234	-.012649	.1169515	-.050896	.0079981	102.9878	1.213502
#3	.1617686	-.015637	.1194826	-.045824	.0079614	102.4076	1.208985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047015	.0058535	57.85834	.1444488	.0858874	.1877691	199.3756
Stddev	.0000367	.0001837	.07249	.0001341	.0011886	.0028918	.9762
%RSD	.7806442	3.138081	.1252889	.0928284	1.383857	1.540093	.4896196
#1	.0047009	.0059951	57.84303	.1445126	.0871983	.1844604	199.6956
#2	.0046651	.0059194	57.93726	.1445391	.0855837	.1898135	200.1516
#3	.0047385	.0056459	57.79473	.1442948	.0848801	.1890333	198.2796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.991354	43.85520	.1463575	-.005141	3.017313	.3001419	.7150578
Stddev	.014145	.22063	.0021065	.000652	.237465	.0036984	.0110415
%RSD	.3543839	.5030824	1.439262	12.67912	7.870089	1.232227	1.544138
#1	4.000993	43.74796	.1487695	-.004388	2.933732	.3032128	.7243028
#2	3.997953	44.10894	.1454233	-.005532	3.285268	.3011767	.7180389
#3	3.975115	43.70868	.1448798	-.005502	2.832939	.2960364	.7028319

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.19620	8.527991	.1152295	.0000153	.9332296	2.594682	-.005787
Stddev	.05821	.124341	.0017683	.0006588	.0138344	.013673	.002489
%RSD	.4411356	1.458033	1.534633	4314.139	1.482417	.5269750	43.01368
#1	13.12899	8.671481	.1155306	-.000677	.9463598	2.580356	-.004359
#2	13.23015	8.460579	.1168280	.000635	.9345442	2.596097	-.004341
#3	13.22947	8.451914	.1133300	.000087	.9187849	2.607593	-.008662

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-10 Acquired: 06/28/2024 21:31:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.815194	.1750489	.2909784
Stddev	.003037	.0032919	.0010221
%RSD	.1673148	1.880562	.3512759
#1	1.818150	.1776598	.2898727
#2	1.815350	.1713509	.2918888
#3	1.812082	.1761358	.2911736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.092	35086.80	5054.497	1157.862	2657.639
Stddev	20.259	26.68	10.404	6.210	28.548
%RSD	.9515413	.0760477	.2058315	.5363353	1.074200
#1	2105.718	35105.82	5051.272	1155.293	2624.682
#2	2139.945	35098.29	5066.131	1153.349	2674.721
#3	2141.612	35056.30	5046.087	1164.944	2673.516

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-11 Acquired: 06/28/2024 21:35:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0776847	-.011115	.1061655	-.038758	.0065273	79.96183
Stddev	.0010769	.001512	.0015483	.006913	.0027542	.44543
%RSD	1.386211	13.60752	1.458361	17.83718	42.19597	.5570547
#1	.0783757	-.009397	.1073761	-.045759	.0084999	79.55708
#2	.0782345	-.011703	.1044209	-.031936	.0077013	80.43905
#3	.0764439	-.012245	.1066996	-.038578	.0033805	79.88936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9658038	.0037493	.0040870	66.07667	.1717775	.0950149
Stddev	.0047567	.0001746	.0000322	.26026	.0046002	.0003378
%RSD	.4925095	4.656125	.7874601	.3938760	2.678006	.3555187
#1	.9629972	.0036007	.0041236	65.87170	.1665701	.0953846
#2	.9712959	.0039416	.0040744	66.36948	.1752890	.0947224
#3	.9631184	.0037058	.0040630	65.98882	.1734735	.0949377

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1797305	165.8789	3.812723	38.09298	.1631774	-.005326
Stddev	.0018696	.7898	.021285	.12157	.0008345	.000636
%RSD	1.040223	.4761355	.5582504	.3191419	.5113973	11.94789
#1	.1775844	165.3510	3.794121	37.99875	.1634015	-.004591
#2	.1806005	166.7869	3.835935	38.23020	.1638769	-.005704
#3	.1810065	165.4988	3.808115	38.04998	.1622537	-.005682

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.582604	.3165801	.6540266	11.89146	F 11.28783	.1108051
Stddev	.086963	.0021973	.0177069	.20516	.01711	.0019372
%RSD	3.367247	.6940610	2.707374	1.725259	.1516121	1.748281
#1	2.545413	.3150005	.6340476	11.69659	11.27118	.1127808
#2	2.681977	.3156505	.6677798	11.87225	11.28694	.1107258
#3	2.520421	.3190894	.6602525	12.10555	11.30537	.1089088

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-11 Acquired: 06/28/2024 21:35:54 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5J1 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016366	1.102066	3.343992	-.005119	1.737353	.1537016
Stddev	.0002179	.010450	.024974	.000601	.011537	.0003116
%RSD	13.31673	.9482344	.7468433	11.74247	.6640433	.2027186
#1	.0017323	1.095564	3.315959	-.004796	1.727085	.1540335
#2	.0013872	1.096514	3.363866	-.005813	1.749837	.1536558
#3	.0017903	1.114120	3.352152	-.004749	1.735135	.1534154

Elem	Sr4077
Units	ppm
Avg	.2915738
Stddev	.0021679
%RSD	.7435096
#1	.2890766
#2	.2929731
#3	.2926718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.788	33881.56	4830.946	1113.976	2695.062
Stddev	2.219	726.15	7.387	17.353	3.937
%RSD	.1082933	2.143191	.1529087	1.557748	.1460727
#1	2047.051	34704.95	4834.208	1134.012	2692.232
#2	2051.287	33332.70	4836.141	1104.088	2699.558
#3	2048.025	33607.04	4822.490	1103.826	2693.397

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-12 Acquired: 06/28/2024 21:40:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1432182	-.016031	.1198323	-.063129	.0104149	129.4221
Stddev	.0064378	.001355	.0023151	.001349	.0002658	1.3740
%RSD	4.495073	8.452506	1.931930	2.137118	2.552038	1.061663
#1	.1412466	-.017490	.1198076	-.062001	.0101116	130.1489
#2	.1504112	-.015792	.1221596	-.064624	.0106075	130.2800
#3	.1379968	-.014812	.1175297	-.062762	.0105254	127.8373

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.807100	.0060556	.0077288	101.6641	.1585124	.1221305
Stddev	.024181	.0001874	.0002318	1.3067	.0033846	.0011294
%RSD	1.338129	3.093756	2.999132	1.285348	2.135213	.9247816
#1	1.822477	.0060989	.0076749	102.4600	.1617590	.1210245
#2	1.819596	.0062175	.0079828	102.3762	.1550050	.1232820
#3	1.779228	.0058504	.0075287	100.1559	.1587733	.1220848

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2259216	254.6478	6.848480	68.36148	.2004480	-.007484
Stddev	.0025293	2.5662	.066573	.62950	.0023567	.000601
%RSD	1.119530	1.007758	.9720797	.9208390	1.175743	8.036637
#1	.2267819	255.6028	6.876898	68.57415	.1989596	-.007474
#2	.2279084	256.5996	6.896127	68.85710	.2031652	-.006887
#3	.2230744	251.7410	6.772414	67.65319	.1992192	-.008090

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.54417	.4253773	1.055015	16.07556	F 13.73798	.2665074
Stddev	.07080	.0038183	.008150	.25246	.11241	.0004223
%RSD	.5227101	.8976243	.7724905	1.570460	.8182334	.1584723
#1	13.62535	.4262815	1.063868	16.01680	13.65961	.2667408
#2	13.51189	.4286623	1.047824	16.35223	13.86677	.2667616
#3	13.49526	.4211880	1.053354	15.85767	13.68756	.2660199

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-12 Acquired: 06/28/2024 21:40:17 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5J2 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004920	4.677430	3.357337	-.006196	2.092399	.2503052
Stddev	.0005490	.053309	.030219	.000993	.019050	.0006671
%RSD	111.5678	1.139705	.9001001	16.03128	.9104293	.2665126
#1	.0001720	4.663209	3.373949	-.007071	2.106247	.2500250
#2	.0001782	4.736408	3.375605	-.006402	2.100277	.2510667
#3	.0011259	4.632674	3.322456	-.005116	2.070674	.2498239

Elem	Sr4077
Units	ppm
Avg	.5656585
Stddev	.0050922
%RSD	.9002173
#1	.5662771
#2	.5704131
#3	.5602853

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.296	34403.57	5146.538	1144.794	2558.704
Stddev	7.513	382.29	55.596	6.907	17.233
%RSD	.3520212	1.111202	1.080266	.6033143	.6735037
#1	2138.695	34139.33	5147.986	1143.709	2568.486
#2	2125.621	34841.92	5090.231	1152.179	2538.806
#3	2138.572	34229.44	5201.395	1138.494	2568.820

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-13 Acquired: 06/28/2024 21:44:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1191304	-.020103	.1738446	-.059959	.0147098	181.3205
Stddev	.0093282	.001831	.0023427	.001891	.0051312	.9756
%RSD	7.830208	9.106129	1.347581	3.153310	34.88257	.5380757
#1	.1083606	-.022152	.1757887	-.061255	.0109392	182.2600
#2	.1246627	-.019529	.1745014	-.060832	.0126372	181.3892
#3	.1243681	-.018629	.1712436	-.057789	.0205531	180.3124

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.442124	.0098201	.0105151	96.30719	.7284963	.2166920
Stddev	.008642	.0001953	.0001698	.35433	.0017899	.0021563
%RSD	.3538736	1.988996	1.615081	.3679189	.2456922	.9951083
#1	2.451894	.0100224	.0106795	96.71528	.7274815	.2191789
#2	2.438995	.0096326	.0103403	96.07766	.7305630	.2155555
#3	2.435482	.0098052	.0105256	96.12864	.7274445	.2153417

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4023313	292.7234	7.693132	66.79943	.6327689	-.007569
Stddev	.0015539	1.4186	.024959	.21558	.0041172	.000231
%RSD	.3862119	.4846226	.3244291	.3227229	.6506707	3.048443
#1	.4007179	294.2383	7.721939	67.04629	.6374091	-.007479
#2	.4038179	292.5057	7.677987	66.64825	.6295526	-.007397
#3	.4024580	291.4263	7.679470	66.70376	.6313450	-.007831

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.194412	.4965439	2.532950	41.54521	F 14.25904	.1989307
Stddev	.104162	.0067852	.033006	.42209	.11292	.0030967
%RSD	2.005269	1.366475	1.303068	1.015969	.7918958	1.556691
#1	5.296337	.5006631	2.507440	42.00355	14.38446	.1975982
#2	5.198750	.5002559	2.570227	41.45956	14.16546	.2024707
#3	5.088149	.4887126	2.521182	41.17251	14.22721	.1967233

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-13 Acquired: 06/28/2024 21:44:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040604	3.084822	5.249320	-.008528	4.696776	.3071361
Stddev	.0003744	.028942	.036339	.001919	.019154	.0007604
%RSD	9.220761	.9382099	.6922561	22.50210	.4078154	.2475626
#1	.0038095	3.115064	5.262000	-.006485	4.715810	.3079858
#2	.0038809	3.057384	5.208340	-.008808	4.697015	.3069024
#3	.0044907	3.082017	5.277619	-.010292	4.677504	.3065199

Elem	Sr4077
Units	ppm
Avg	.5365250
Stddev	.0049128
%RSD	.9156801
#1	.5406746
#2	.5378001
#3	.5311003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.231	35736.07	5212.385	1187.945	2520.026
Stddev	9.539	157.57	44.617	6.155	16.456
%RSD	.4389143	.4409177	.8559712	.5181402	.6530284
#1	2162.370	35620.16	5161.681	1186.271	2501.026
#2	2177.080	35672.57	5245.639	1182.800	2529.772
#3	2180.244	35915.48	5229.836	1194.764	2529.280

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-14 Acquired: 06/28/2024 21:48:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.425521	-.068295	.3657349	-.236349	.0441875	275.3751
Stddev	.011524	.000845	.0061981	.006058	.0025468	1.8747
%RSD	.8084392	1.237365	1.694684	2.563370	5.763669	.6807900
#1	1.412408	-.067676	.3707744	-.232456	.0450668	276.7744
#2	1.434039	-.067950	.3676160	-.233261	.0413175	276.1058
#3	1.430115	-.069258	.3588142	-.243329	.0461781	273.2450

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.083104	.0056625	.0312978	33.56092	1.007927	.5054576
Stddev	.009424	.0001498	.0001100	.13809	.010443	.0006920
%RSD	.4523795	2.644853	.3514691	.4114683	1.036043	.1369016
#1	2.093517	.0057277	.0314031	33.67309	1.010329	.5046847
#2	2.080631	.0054912	.0311837	33.60297	.996493	.5056689
#3	2.075163	.0057686	.0313065	33.40669	1.016959	.5060194

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.067513	F 959.2178	F 32.83105	183.6582	.8066091	-.027231
Stddev	.006732	5.9034	.15405	1.0095	.0017822	.002194
%RSD	.6306501	.6154351	.4692189	.5496699	.2209485	8.057452
#1	1.070098	963.1259	32.94008	184.3942	.8063712	-.027681
#2	1.072569	962.1007	32.89826	184.0731	.8049577	-.024846
#3	1.059871	952.4270	32.65482	182.5073	.8084982	-.029165

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.181418	1.931028	1.625941	54.83188	F 14.08416	.4438871
Stddev	.325964	.007571	.007297	.69229	.03115	.0085738
%RSD	10.24586	.3920878	.4488112	1.262562	.2211365	1.931531
#1	3.190696	1.938300	1.618937	55.47593	14.07453	.4478513
#2	3.502643	1.931595	1.633500	54.91994	14.05897	.4497614
#3	2.850914	1.923189	1.625386	54.09978	14.11898	.4340485

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-14 Acquired: 06/28/2024 21:48:59 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5J4 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001716	.6117021	3.478470	-.000569	3.390859	.4918735
Stddev	.000971	.0067171	.021184	.001268	.035035	.0007942
%RSD	56.59569	1.098092	.6090011	222.8772	1.033224	.1614655
#1	-.000625	.6164981	3.495043	-.002030	3.417658	.4927207
#2	-.002037	.6145831	3.454603	.000240	3.403705	.4911458
#3	-.002486	.6040252	3.485764	.000083	3.351214	.4917542

Elem	Sr4077
Units	ppm
Avg	.2731691
Stddev	.0030316
%RSD	1.109787
#1	.2755789
#2	.2741630
#3	.2697653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.155	33381.43	4908.899	1091.932	2441.247
Stddev	3.523	204.05	14.150	5.318	2.862
%RSD	.1746405	.6112574	.2882485	.4870521	.1172256
#1	2020.707	33330.74	4893.125	1092.003	2441.376
#2	2013.662	33606.04	4913.097	1097.215	2438.324
#3	2017.098	33207.51	4920.474	1086.579	2444.043

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-15 Acquired: 06/28/2024 21:53:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7352622	-.001745	.2007431	-.174131	.0312241	199.0780
Stddev	.0052209	.005127	.0045398	.009543	.0010299	3.0592
%RSD	.7100687	293.8694	2.261523	5.480452	3.298448	1.536695
#1	.7311026	-.007659	.1975577	-.165335	.0312353	195.5611
#2	.7411210	.000998	.2059414	-.172781	.0301886	200.5497
#3	.7335629	.001427	.1987302	-.184278	.0322483	201.1233

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.796911	.0038659	.0226000	35.52514	.5944336	.4529395
Stddev	.083268	.0000352	.0005006	.50468	.0036145	.0023872
%RSD	1.436418	.9103182	2.214971	1.420626	.6080638	.5270428
#1	5.700769	.0038577	.0230459	34.94244	.5948189	.4517868
#2	5.843960	.0039045	.0226957	35.81000	.5906419	.4556843
#3	5.846004	.0038356	.0220585	35.82299	.5978401	.4513473

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8971474	753.7440	F 96.78943	131.1545	.6131693	-.018789
Stddev	.0172993	11.2078	1.39928	1.8965	.0027970	.001386
%RSD	1.928257	1.486948	1.445692	1.446009	.4561606	7.375095
#1	.8776114	740.8638	95.18038	128.9653	.6113802	-.019976
#2	.9033068	759.0924	97.46670	132.2013	.6163926	-.019126
#3	.9105241	761.2756	97.72121	132.2969	.6117352	-.017266

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.790872	1.300240	1.211153	39.09122	9.046025	.3501201
Stddev	.225895	.017445	.008523	.76313	.031205	.0064412
%RSD	8.094055	1.341646	.7037105	1.952190	.3449542	1.839726
#1	2.778623	1.280100	1.201311	38.21662	9.033178	.3427894
#2	2.571351	1.309984	1.216098	39.43533	9.081602	.3548742
#3	3.022643	1.310636	1.216049	39.62171	9.023295	.3526966

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-15 Acquired: 06/28/2024 21:53:19 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5J5 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026478	.6685699	2.175835	-.004129	3.800937	.3731247
Stddev	.0001837	.0032684	.035408	.002593	.057461	.0084421
%RSD	6.936986	.4888704	1.627321	62.79222	1.511760	2.262545
#1	.0028552	.6670125	2.135175	-.007123	3.735159	.3638391
#2	.0025829	.6723257	2.199877	-.002581	3.826296	.3751980
#3	.0025055	.6663714	2.192453	-.002684	3.841356	.3803370

Elem	Sr4077
Units	ppm
Avg	.8627917
Stddev	.0154775
%RSD	1.793881
#1	.8449509
#2	.8708006
#3	.8726237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.394	34052.80	4857.342	1119.432	2519.514
Stddev	11.850	69.43	73.883	7.201	18.768
%RSD	.5731892	.2038994	1.521056	.6433058	.7449170
#1	2073.822	34090.77	4942.614	1125.948	2532.774
#2	2053.719	33972.66	4812.430	1111.700	2498.039
#3	2074.642	34094.96	4816.981	1120.649	2527.729

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-16 Acquired: 06/28/2024 21:57:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6063945	.0308610	.7792626	-.160727	.0274839	136.2164
Stddev	.0044539	.0059540	.0016974	.003406	.0014554	3.0102
%RSD	.7344861	19.29311	.2178265	2.119357	5.295355	2.209872
#1	.6027182	.0290767	.7807899	-.164553	.0285255	132.7634
#2	.6113473	.0260031	.7795628	-.158024	.0281052	137.5979
#3	.6051181	.0375032	.7774351	-.159604	.0258210	138.2878

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.419411	.0021941	.0224019	30.35995	.2382592	.4671058
Stddev	.139281	.0002525	.0004965	.58656	.0023305	.0008170
%RSD	2.169683	11.50686	2.216512	1.932028	.9781223	.1749155
#1	6.258585	.0024738	.0229749	29.68270	.2386277	.4662146
#2	6.500331	.0021253	.0220993	30.70558	.2357664	.4672833
#3	6.499318	.0019831	.0221313	30.69158	.2403834	.4678195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9413998	704.0389	F 142.4510	88.53072	.3860843	-.016721
Stddev	.0228415	14.6053	2.6077	1.81802	.0013389	.001752
%RSD	2.426329	2.074496	1.830589	2.053543	.3467863	10.47891
#1	.9157181	687.2745	139.5577	86.43155	.3850164	-.018640
#2	.9490379	710.8304	144.6200	89.59688	.3856501	-.016318
#3	.9594435	714.0117	143.1754	89.56375	.3875864	-.015206

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.454479	.9016418	1.425402	26.87952	9.338224	.3304019
Stddev	.024008	.0164779	.031443	.59474	.007082	.0095945
%RSD	.9781431	1.827539	2.205879	2.212616	.0758397	2.903877
#1	2.432212	.8834230	1.408001	26.20862	9.330105	.3224923
#2	2.479914	.9060000	1.406506	27.08793	9.343130	.3276385
#3	2.451309	.9155025	1.461698	27.34201	9.341437	.3410748

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-16 Acquired: 06/28/2024 21:57:38 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5J6 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024195	.9355008	1.799167	.0007735	1.684996	.3841989
Stddev	.0010788	.0097385	.027709	.0018018	.042759	.0084621
%RSD	44.58586	1.040998	1.540119	232.9442	2.537616	2.202530
#1	.0019783	.9467410	1.771273	.0005407	1.636367	.3744380
#2	.0036489	.9301666	1.826688	.0026803	1.701910	.3894674
#3	.0016313	.9295947	1.799539	-.000901	1.716710	.3886914

Elem	Sr4077
Units	ppm
Avg	.5165299
Stddev	.0125644
%RSD	2.432465
#1	.5020395
#2	.5231536
#3	.5243966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.617	31936.10	4657.869	1053.545	2576.668
Stddev	1.876	170.93	78.890	7.298	6.001
%RSD	.0960600	.5352259	1.693701	.6926618	.2329059
#1	1954.361	32122.48	4743.946	1058.475	2583.591
#2	1952.857	31899.15	4589.008	1056.999	2573.464
#3	1950.633	31786.67	4640.654	1045.162	2572.949

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-17 Acquired: 06/28/2024 22:02:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6732067	.0058581	.5380473	-.179233	.0415551	163.2560
Stddev	.0043014	.0050649	.0056732	.010996	.0030045	2.7918
%RSD	.6389478	86.46034	1.054398	6.134795	7.230056	1.710079
#1	.6769895	.0043817	.5353182	-.172202	.0380936	162.4889
#2	.6741027	.0114971	.5445692	-.173593	.0430854	160.9279
#3	.6685277	.0016954	.5342543	-.191904	.0434863	166.3511

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.640383	.0040306	.0246430	27.16196	.4556621	.5624146
Stddev	.128913	.0002302	.0005501	.48926	.0012085	.0000632
%RSD	1.687258	5.709990	2.232206	1.801273	.2652232	.0112281
#1	7.572732	.0039267	.0248564	26.84931	.4551725	.5624191
#2	7.559378	.0038707	.0250544	26.91078	.4570386	.5624753
#3	7.789039	.0042944	.0240182	27.72580	.4547751	.5623493

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146572	754.1356	F 104.7048	96.55290	.5725896	-.018150
Stddev	.019179	12.9419	1.8078	1.66493	.0014936	.001273
%RSD	1.672702	1.716124	1.726539	1.724372	.2608519	7.013549
#1	1.145800	748.6253	103.8277	95.64592	.5710739	-.018687
#2	1.127790	744.8607	103.5030	95.53838	.5740601	-.019066
#3	1.166124	768.9207	106.7838	98.47439	.5726347	-.016696

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.507016	1.026048	1.504127	35.78383	9.579755	.3620130
Stddev	.098349	.017048	.031444	.44544	.012399	.0139030
%RSD	3.922956	1.661500	2.090506	1.244809	.1294317	3.840468
#1	2.420680	1.022525	1.497453	35.75369	9.572829	.3546013
#2	2.614075	1.011037	1.476556	35.35423	9.594070	.3533863
#3	2.486292	1.044582	1.538372	36.24358	9.572366	.3780515

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-17 Acquired: 06/28/2024 22:02:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037239	.7877952	2.513930	-.000952	3.264771	.3975730
Stddev	.0001599	.0107607	.001503	.003388	.072155	.0070533
%RSD	4.293083	1.365923	.0597745	355.9170	2.210125	1.774086
#1	.0038870	.7774345	2.512996	-.003224	3.243796	.3918571
#2	.0037174	.7989156	2.515663	-.002573	3.205427	.3954065
#3	.0035674	.7870354	2.513130	.002942	3.345090	.4054555

Elem	Sr4077
Units	ppm
Avg	.4445462
Stddev	.0062415
%RSD	1.404025
#1	.4433294
#2	.4390026
#3	.4513065

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.181	32021.31	4678.873	1057.354	2546.427
Stddev	1.639	225.66	51.744	16.184	1.070
%RSD	.0830953	.7047119	1.105909	1.530649	.0420119
#1	1974.032	32116.06	4710.043	1065.265	2546.062
#2	1971.599	32184.15	4707.433	1068.062	2545.588
#3	1970.913	31763.73	4619.143	1038.736	2547.632

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-18 Acquired: 06/28/2024 22:06:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9670665	-.034101	.3312190	-.209113	.0388290	163.5960
Stddev	.0049429	.002545	.0033423	.003645	.0017279	3.1722
%RSD	.5111256	7.463062	1.009074	1.743015	4.450116	1.939069
#1	.9613711	-.035489	.3286485	-.206668	.0408181	162.1061
#2	.9695922	-.031164	.3300113	-.213302	.0379702	161.4431
#3	.9702363	-.035650	.3349972	-.207369	.0376986	167.2390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.621991	.0048291	.0214924	25.48422	.4102755	.4044150
Stddev	.072832	.0001030	.0008460	.48718	.0029541	.0014720
%RSD	2.010824	2.132068	3.936153	1.911690	.7200158	.3639694
#1	3.579804	.0047389	.0216237	25.22838	.4070806	.4034061
#2	3.580078	.0049413	.0222651	25.17825	.4108382	.4061040
#3	3.706090	.0048072	.0205885	26.04602	.4129078	.4037349

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.135143	F 850.2594	F 55.66366	96.53936	.4912502	-.020778
Stddev	.021206	15.7136	1.02815	2.00457	.0022964	.002024
%RSD	1.868147	1.848090	1.847077	2.076426	.4674553	9.742635
#1	1.127501	843.0107	55.16575	95.48645	.4920322	-.021802
#2	1.118816	839.4785	54.97926	95.28064	.4930534	-.022085
#3	1.159110	868.2889	56.84597	98.85098	.4886650	-.018446

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.597261	1.183731	1.354051	35.37215	9.319140	.3974953
Stddev	.241045	.016515	.008859	.71186	.035466	.0062821
%RSD	9.280744	1.395173	.6542732	2.012474	.3805747	1.580414
#1	2.416619	1.178424	1.359295	35.13818	9.285276	.3931312
#2	2.870965	1.170522	1.343823	34.80673	9.356016	.3946593
#3	2.504200	1.202248	1.359037	36.17154	9.316128	.4046953

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-18 Acquired: 06/28/2024 22:06:25 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5J8 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004519	.2828887	3.501465	-.000355	2.870545	.3714236
Stddev	.0005433	.0117222	.048592	.000749	.051173	.0077625
%RSD	120.2130	4.143736	1.387750	211.0641	1.782679	2.089938
#1	-.000115	.2824678	3.457132	-.000416	2.842078	.3690419
#2	.000502	.2948156	3.493846	-.001071	2.839935	.3651311
#3	.000968	.2713826	3.553415	.000423	2.929621	.3800980

Elem	Sr4077
Units	ppm
Avg	.3286385
Stddev	.0057351
%RSD	1.745110
#1	.3257626
#2	.3249103
#3	.3352425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1969.469	32204.06	4619.773	1060.282	2541.146
Stddev	5.041	292.80	80.423	6.980	7.289
%RSD	.2559376	.9091908	1.740833	.6583054	.2868217
#1	1973.341	32028.41	4651.685	1054.712	2542.380
#2	1963.769	32542.07	4679.342	1068.112	2533.320
#3	1971.296	32041.71	4528.292	1058.022	2547.739

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV084 Acquired: 06/28/2024 22:10:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV084 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.945761	4.787879	24.55809	4.704551	4.906061	396.4660	9.840581
Stddev	.041183	.007178	.09072	.019079	.020267	2.9775	.067384
%RSD	.8326876	.1499282	.3694050	.4055448	.4131057	.7510191	.6847580
#1	4.921563	4.781913	24.48215	4.690634	4.884553	399.6731	9.917057
#2	4.922407	4.785880	24.53357	4.696719	4.908827	395.9354	9.814760
#3	4.993312	4.795846	24.65855	4.726300	4.924803	393.7894	9.789926

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4948688	2.530245	396.6354	15.33759	2.474255	14.35467	391.4112
Stddev	.0027598	.008850	2.0362	.13060	.008883	.11143	1.9070
%RSD	.5576788	.3497778	.5133781	.8514803	.3590106	.7762476	.4872029
#1	.4917350	2.528611	398.9688	15.27041	2.468793	14.46260	393.6071
#2	.4959350	2.522325	395.2181	15.48810	2.469467	14.36136	390.4553
#3	.4969365	2.539798	395.7194	15.25427	2.484504	14.24005	390.1713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.47180	390.0442	2.464525	1.314188	390.5843	2.395105	14.24337
Stddev	.05431	1.6091	.005553	.009416	2.8243	.018167	.14792
%RSD	.3753056	.4125540	.2253109	.7165071	.7230897	.7584969	1.038518
#1	14.53448	391.8930	2.463661	1.307559	393.5453	2.415062	14.34350
#2	14.44235	388.9590	2.459455	1.324966	390.2872	2.390721	14.31314
#3	14.43858	389.2806	2.470459	1.310038	387.9203	2.379531	14.07347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	144.8658	5.016348	4.824975	4.811455	4.979900	4.945439	5.055934
Stddev	.5789	.019926	.039901	.003809	.034289	.039094	.013125
%RSD	.3996160	.3972144	.8269642	.0791737	.6885532	.7905022	.2595913
#1	145.3522	4.998376	4.779340	4.807068	4.950661	4.900304	5.047602
#2	145.0197	5.012892	4.853282	4.813365	4.971400	4.967347	5.049135
#3	144.2255	5.037775	4.842304	4.813932	5.017641	4.968666	5.071063

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV084 Acquired: 06/28/2024 22:10:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.803849	4.968108	4.695223
Stddev	.038285	.004278	.016678
%RSD	.7969697	.0861121	.3552083
#1	4.847537	4.967268	4.684625
#2	4.787859	4.972744	4.714447
#3	4.776151	4.964312	4.686596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1511.670	25837.56	3968.688	808.6252	2103.275
Stddev	2.343	154.48	29.776	5.6458	8.502
%RSD	.1549676	.5978984	.7502806	.6981922	.4042105
#1	1513.733	25947.40	4000.469	813.4731	2109.180
#2	1512.153	25660.92	3964.157	802.4266	2107.113
#3	1509.123	25904.36	3941.436	809.9761	2093.530

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB084 Acquired: 06/28/2024 22:15:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060323	.0019779	.0005677	-.000027	-.000874	-.014455
Stddev	.0037163	.0015491	.0010834	.003900	.002405	.012875
%RSD	61.60689	78.31939	190.8500	14492.36	275.2825	89.07119
#1	.0100822	.0012483	.0011854	-.001930	-.003572	-.000184
#2	.0052359	.0037571	-.000683	.004460	-.000090	-.025200
#3	.0027787	.0009283	.001201	-.002610	.001042	-.017981

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022616	.0000846	.0000576	.0185409	.0001986	.0000973
Stddev	.0003403	.0000417	.0000867	.0159139	.0006653	.0000416
%RSD	15.04653	49.29949	150.4924	85.83144	335.1138	42.78000
#1	.0022856	.0001234	-.000042	.0369122	.0008310	.0000718
#2	.0025893	.0000900	.000097	.0097038	.0002602	.0000747
#3	.0019100	.0000405	.000118	.0090065	-.000495	.0001453

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052631	.0262055	.0006292	.0034765	-.000042	-.000231
Stddev	.0058255	.0088926	.0003719	.0054749	.000412	.000474
%RSD	110.6877	33.93394	59.10912	157.4854	987.6185	205.2929
#1	-.000953	.0180883	.0003499	-.000027	-.000265	.000148
#2	.010598	.0357103	.0004864	.000671	-.000294	-.000078
#3	.006145	.0248181	.0010514	.009786	.000434	-.000763

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1984121	.0026671	-.000662	-.143869	-.002157	.0091799
Stddev	.2177158	.0015334	.007458	.019703	.001112	.0003483
%RSD	109.7291	57.49208	1126.165	13.69491	51.55292	3.794440
#1	.3588947	.0009066	.007525	-.135309	-.002487	.0094161
#2	-.049412	.0033844	-.002444	-.166404	-.003067	.0087798
#3	.285754	.0037104	-.007068	-.129894	-.000918	.0093436

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB084 Acquired: 06/28/2024 22:15:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003247	.0031424	.0014693	.0011162	.0008895	F .0320973
Stddev	.0003018	.0048801	.0004393	.0001597	.0004338	.0030402
%RSD	92.94571	155.2983	29.89691	14.30357	48.77338	9.471883
#1	.0000014	.0043214	.0012127	.0009355	.0010120	.0296966
#2	.0003738	.0073249	.0019765	.0011749	.0012490	.0310795
#3	.0005990	-.002219	.0012187	.0012382	.0004076	.0355158

Elem	Sr4077
Units	ppm
Avg	.0001046
Stddev	.0001013
%RSD	96.86564
#1	.0001703
#2	.0001556
#3	-.000012

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.681	30728.06	4237.040	1019.240	2940.266
Stddev	2.796	271.75	8.328	5.021	3.916
%RSD	.1489320	.8843618	.1965495	.4926274	.1331775
#1	1874.796	31037.07	4246.005	1024.012	2944.528
#2	1877.868	30526.31	4235.570	1014.002	2936.829
#3	1880.380	30620.79	4229.545	1019.706	2939.440

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-19 Acquired: 06/28/2024 22:19:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8317423	-.024253	.5419543	-.193961	.0355388	152.8696
Stddev	.0090286	.001637	.0013976	.010817	.0017124	.3923
%RSD	1.085504	6.749241	.2578826	5.577144	4.818418	.2566499
#1	.8372103	-.024099	.5432720	-.192895	.0368377	152.6902
#2	.8213212	-.025962	.5421024	-.183716	.0335982	153.3195
#3	.8366953	-.022699	.5404886	-.205272	.0361805	152.5989

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.482020	.0039290	.0191027	31.01455	.3622026	.3856587
Stddev	.003340	.0002428	.0004084	.05358	.0013577	.0003716
%RSD	.0745206	6.180952	2.138030	.1727425	.3748335	.0963596
#1	4.478164	.0037532	.0186313	30.98161	.3614852	.3853896
#2	4.483964	.0038277	.0193481	31.07637	.3637685	.3860827
#3	4.483933	.0042061	.0193289	30.98567	.3613541	.3855037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9506534	794.0826	F 60.77798	95.97342	.4127450	-.021941
Stddev	.0061310	1.3839	.09180	.17308	.0014345	.000467
%RSD	.6449246	.1742767	.1510430	.1803372	.3475442	2.127090
#1	.9481168	793.7036	60.79060	95.87244	.4111569	-.021961
#2	.9576456	795.6165	60.86282	96.17327	.4131312	-.022397
#3	.9461977	792.9276	60.68052	95.87455	.4139467	-.021464

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.430185	1.054443	1.385146	35.97080	7.492870	.3785041
Stddev	.201227	.002063	.016857	.17983	.019415	.0060090
%RSD	8.280308	.1956866	1.217013	.4999370	.2591136	1.587577
#1	2.563452	1.052143	1.404063	36.05419	7.481905	.3810876
#2	2.528391	1.055053	1.371717	36.09380	7.481419	.3827893
#3	2.198711	1.056132	1.379657	35.76441	7.515287	.3716353

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-19 Acquired: 06/28/2024 22:19:38 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5K0 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065028	.5852809	2.622752	-.002835	2.613238	.3668023
Stddev	.0001954	.0072474	.021436	.003027	.004143	.0013041
%RSD	3.004893	1.238280	.8173098	106.7737	.1585377	.3555310
#1	.0063064	.5839979	2.600518	-.006321	2.612071	.3678393
#2	.0066972	.5787606	2.643289	-.001322	2.617840	.3672294
#3	.0065048	.5930841	2.624449	-.000863	2.609804	.3653382

Elem	Sr4077
Units	ppm
Avg	.3739244
Stddev	.0010057
%RSD	.2689501
#1	.3739464
#2	.3749189
#3	.3729079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.793	32207.91	4628.692	1063.669	2594.253
Stddev	.490	254.15	3.261	7.925	.944
%RSD	.0248209	.7890859	.0704551	.7450406	.0363699
#1	1974.278	31915.31	4625.729	1055.988	2595.316
#2	1973.804	32334.75	4628.161	1071.817	2593.515
#3	1973.298	32373.68	4632.186	1063.200	2593.927

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-20 Acquired: 06/28/2024 22:23:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8495369	-.035873	.3854902	-.189932	.0354925	171.1321
Stddev	.0079503	.000889	.0015147	.008941	.0003017	.7701
%RSD	.9358384	2.478930	.3929243	4.707300	.8499499	.4499858
#1	.8557772	-.034947	.3837873	-.199787	.0358328	170.5241
#2	.8405857	-.036721	.3859960	-.187668	.0353870	170.8742
#3	.8522478	-.035950	.3866872	-.182340	.0352577	171.9980

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.314143	.0058726	.0233228	31.37456	.5540879	.4042953
Stddev	.014032	.0000947	.0004432	.16819	.0152090	.0004273
%RSD	.3252563	1.611902	1.900235	.5360594	2.744877	.1056784
#1	4.298014	.0057643	.0236395	31.19017	.5580790	.4040270
#2	4.320870	.0059395	.0235126	31.41397	.5372812	.4040710
#3	4.323544	.0059139	.0228164	31.51954	.5669034	.4047880

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9619239	792.1849	F 50.12036	95.86567	.5714926	-.021582
Stddev	.0054084	2.6601	.16407	.45050	.0005604	.002439
%RSD	.5622499	.3357900	.3273455	.4699312	.0980658	11.30286
#1	.9675663	790.7033	49.98278	95.61997	.5718996	-.022728
#2	.9567847	790.5955	50.07637	95.59144	.5717249	-.018780
#3	.9614208	795.2558	50.30194	96.38560	.5708534	-.023237

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.806893	1.170750	1.310454	40.20229	F 10.72135	.3732052
Stddev	.100675	.005138	.023475	.23904	.02238	.0075585
%RSD	3.586689	.4388682	1.791397	.5945891	.2087166	2.025281
#1	2.709916	1.168837	1.305846	40.20060	10.69968	.3645617
#2	2.799866	1.166843	1.289625	39.96411	10.71999	.3785746
#3	2.910897	1.176570	1.335892	40.44218	10.74437	.3764793

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-20 Acquired: 06/28/2024 22:23:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014324	.8630247	3.038498	-.004215	3.988651	.3628555
Stddev	.0009055	.0126602	.039439	.002245	.014601	.0024057
%RSD	63.21390	1.466956	1.297991	53.26718	.3660636	.6629914
#1	.0021304	.8677407	3.052655	-.003839	3.976512	.3612146
#2	.0017575	.8486834	2.993933	-.006625	3.984587	.3656171
#3	.0004093	.8726500	3.068904	-.002182	4.004853	.3617347

Elem	Sr4077
Units	ppm
Avg	.2988212
Stddev	.0011500
%RSD	.3848477
#1	.2983553
#2	.2979773
#3	.3001311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.777	33512.66	4813.530	1109.713	2586.436
Stddev	2.723	602.02	41.082	18.380	2.506
%RSD	.1333569	1.796407	.8534724	1.656272	.0969057
#1	2042.808	33411.46	4830.079	1109.046	2583.561
#2	2043.833	34158.87	4843.757	1128.417	2588.160
#3	2038.689	32967.65	4766.755	1091.675	2587.589

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-21 Acquired: 06/28/2024 22:28:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8449454	-.053318	.2876586	-.244892	.0409538	219.2810
Stddev	.0103283	.002050	.0027955	.006997	.0007295	2.4482
%RSD	1.222357	3.844794	.9718073	2.857001	1.781302	1.116448
#1	.8539110	-.053265	.2904897	-.242986	.0404848	217.0133
#2	.8336519	-.051294	.2875859	-.252644	.0417943	221.8766
#3	.8472732	-.055393	.2849002	-.239046	.0405824	218.9531

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.403458	.0066208	.0256759	35.93740	.6387132	.6655030
Stddev	.023852	.0005520	.0003121	.29879	.0292686	.0025118
%RSD	.9924211	8.336609	1.215329	.8314256	4.582434	.3774269
#1	2.390675	.0060356	.0253155	35.79570	.6470577	.6627047
#2	2.430977	.0066948	.0258571	36.28068	.6061786	.6662417
#3	2.388721	.0071320	.0258550	35.73582	.6629035	.6675626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8773494	F 1000.313	F 49.76503	126.2420	.8436799	-.028928
Stddev	.0135273	9.807	.49421	1.2818	.0013924	.005668
%RSD	1.541839	.9804247	.9930956	1.015351	.1650334	19.59503
#1	.8621491	991.420	49.35795	125.0708	.8423992	-.030865
#2	.8818350	1010.832	50.31493	127.6113	.8434784	-.022544
#3	.8880642	998.687	49.62221	126.0440	.8451620	-.033373

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.067261	1.357358	1.627363	32.79390	F 13.15320	.4717104
Stddev	.208268	.009802	.058505	.53885	.00466	.0119510
%RSD	6.790038	.7221151	3.595096	1.643133	.0353915	2.533540
#1	3.046380	1.350584	1.656163	32.17725	13.15358	.4637416
#2	3.285183	1.368597	1.560040	33.17406	13.15765	.4854518
#3	2.870220	1.352893	1.665885	33.03040	13.14836	.4659377

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-21 Acquired: 06/28/2024 22:28:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002146	.5752447	2.971204	.0006898	3.101507	.4385491
Stddev	.001083	.0058697	.043574	.0030143	.036763	.0022496
%RSD	50.46661	1.020377	1.466531	436.9636	1.185318	.5129543
#1	-.001845	.5706263	2.921042	-.002245	3.063454	.4375490
#2	-.003347	.5818499	2.992903	.000536	3.136827	.4411252
#3	-.001245	.5732579	2.999668	.003778	3.104239	.4369729

Elem	Sr4077
Units	ppm
Avg	.3389049
Stddev	.0054961
%RSD	1.621728
#1	.3327473
#2	.3433142
#3	.3406533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1987.372	32703.45	4765.190	1077.071	2511.004
Stddev	3.149	1256.26	64.114	42.910	2.830
%RSD	.1584264	3.841370	1.345457	3.983965	.1126970
#1	1986.538	32186.00	4837.340	1062.153	2512.833
#2	1984.724	34135.80	4714.752	1125.449	2507.744
#3	1990.853	31788.57	4743.477	1043.612	2512.434

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-22 Acquired: 06/28/2024 22:32:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6260220	-.006777	.6108603	-.138479	.0269435	123.7238
Stddev	.0106970	.002189	.0085628	.004904	.0044059	.8596
%RSD	1.708722	32.29695	1.401756	3.541349	16.35233	.6947384
#1	.6154010	-.007460	.6120703	-.134634	.0299931	123.1056
#2	.6258714	-.004329	.6017569	-.144001	.0289454	124.7053
#3	.6367934	-.008544	.6187537	-.136801	.0218921	123.3604

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.564901	.0048709	.0213756	17.46854	.3185636	.2815181
Stddev	.028848	.0000938	.0003294	.04716	.0021536	.0009630
%RSD	.4394323	1.924950	1.541050	.2699878	.6760338	.3420761
#1	6.545168	.0048548	.0215268	17.44323	.3162369	.2804175
#2	6.598010	.0047863	.0209977	17.52295	.3204871	.2822061
#3	6.551527	.0049717	.0216022	17.43943	.3189669	.2819306

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.348493	596.9488	F 67.20142	67.33947	.3862608	-.014699
Stddev	.014415	3.5850	.32771	.39816	.0011822	.000176
%RSD	1.068946	.6005574	.4876492	.5912665	.3060648	1.195943
#1	1.331985	593.9231	67.01393	67.05579	.3853404	-.014786
#2	1.358593	600.9083	67.57982	67.79463	.3858480	-.014496
#3	1.354900	596.0151	67.01051	67.16798	.3875941	-.014814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.131755	.7544773	1.333606	25.49552	8.097329	.2845116
Stddev	.218674	.0052798	.021546	.19704	.034194	.0049804
%RSD	10.25792	.6997992	1.615589	.7728290	.4222911	1.750505
#1	2.359319	.7544463	1.309561	25.31986	8.069051	.2789104
#2	2.112733	.7597726	1.351159	25.70858	8.087603	.2884409
#3	1.923214	.7492131	1.340099	25.45814	8.135332	.2861834

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-22 Acquired: 06/28/2024 22:32:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0145296	.2636642	1.817075	.0008310	2.573798	.3073741
Stddev	.0010599	.0087959	.010451	.0008832	.014163	.0022933
%RSD	7.294967	3.336027	.5751569	106.2823	.5502672	.7461067
#1	.0135006	.2683992	1.809095	.0007880	2.560828	.3092262
#2	.0144702	.2535151	1.828905	.0017349	2.588910	.3080870
#3	.0156180	.2690783	1.813225	-.000030	2.571656	.3048089

Elem	Sr4077
Units	ppm
Avg	.1966497
Stddev	.0012984
%RSD	.6602765
#1	.1954006
#2	.1979924
#3	.1965560

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.122	32241.81	4632.341	1068.991	2622.938
Stddev	2.721	101.66	18.145	7.483	5.690
%RSD	.1372300	.3153108	.3917072	.7000477	.2169431
#1	1985.930	32320.50	4640.027	1072.576	2625.655
#2	1982.941	32277.91	4611.618	1074.008	2626.760
#3	1980.496	32127.03	4645.379	1060.390	2616.398

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-01 Acquired: 06/28/2024 22:36:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0417517	-.002001	.0818535	-.021393	.0048684	44.70084	.3945448
Stddev	.0076645	.001226	.0015204	.003355	.0014840	.26562	.0009128
%RSD	18.35729	61.30186	1.857480	15.68423	30.48288	.5942202	.2313531
#1	.0402588	-.000682	.0820363	-.019270	.0062521	44.40486	.3955962
#2	.0349435	-.003108	.0802499	-.025261	.0050520	44.91848	.3939550
#3	.0500528	-.002212	.0832742	-.019647	.0033011	44.77920	.3940832

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016895	.0017574	25.55191	.6059198	.0666926	.0766046	78.91605
Stddev	.0000479	.0000699	.02205	.0044570	.0003579	.0008685	.22718
%RSD	2.833961	3.975628	.0863096	.7355779	.5366611	1.133790	.2878762
#1	.0017020	.0017317	25.53295	.6076710	.0665967	.0764451	78.68756
#2	.0016366	.0018365	25.57611	.6008531	.0663924	.0758268	79.14189
#3	.0017299	.0017040	25.54667	.6092353	.0670887	.0775418	78.91871

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991713	44.60330	.2536192	-.002198	.7262850	.1164511	.2596630
Stddev	.006781	.14895	.0002367	.000347	.0840922	.0028812	.0103632
%RSD	.3404401	.3339415	.0933464	15.78287	11.57840	2.474190	3.991020
#1	1.984822	44.44797	.2538268	-.001918	.7362622	.1133411	.2687572
#2	1.998378	44.74491	.2536695	-.002089	.8049435	.1190296	.2483803
#3	1.991939	44.61703	.2533614	-.002586	.6376494	.1169825	.2618515

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.717085	2.037577	.0437387	-.000887	.3036296	2.378730	-.002273
Stddev	.170470	.006354	.0018867	.000444	.0090561	.021960	.001561
%RSD	4.586132	.3118268	4.313655	50.03592	2.982620	.9231680	68.68881
#1	3.558290	2.044494	.0433992	-.000422	.3003463	2.370395	-.003936
#2	3.897221	2.032001	.0457721	-.000935	.3138694	2.403637	-.000838
#3	3.695742	2.036235	.0420447	-.001306	.2966731	2.362157	-.002046

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-01 Acquired: 06/28/2024 22:36:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4693911	.1288899	.1059679
Stddev	.0027028	.0013668	.0012485
%RSD	.5758043	1.060461	1.178146
#1	.4664466	.1274475	.1045266
#2	.4699674	.1290561	.1067114
#3	.4717592	.1301660	.1066659

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.280	31524.11	4426.440	1039.625	2775.122
Stddev	3.210	366.49	14.532	15.918	6.685
%RSD	.1671726	1.162566	.3283049	1.531174	.2408908
#1	1916.595	31364.61	4435.998	1034.389	2767.857
#2	1921.777	31943.32	4409.716	1057.502	2776.498
#3	1922.469	31264.40	4433.605	1026.984	2781.013

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-02 Acquired: 06/28/2024 22:41:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520058	-.003974	.1032719	-.016820	.0031473	35.21746	.4125948
Stddev	.0034225	.001271	.0034452	.004235	.0006529	.11393	.0008046
%RSD	6.581002	31.98790	3.336041	25.17962	20.74392	.3235071	.1950135
#1	.0529091	-.002697	.0995204	-.014619	.0027998	35.12161	.4131623
#2	.0482222	-.005240	.1040014	-.014138	.0039004	35.18736	.4129481
#3	.0548860	-.003985	.1062939	-.021702	.0027417	35.34342	.4116739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016517	.0017478	28.15245	.3083265	.0539725	.0932234	71.13431
Stddev	.0000855	.0000109	.03551	.0008288	.0004665	.0019310	.09040
%RSD	5.173949	.6214972	.1261483	.2688102	.8644174	2.071425	.1270831
#1	.0015849	.0017594	28.15476	.3080272	.0534657	.0940042	71.03833
#2	.0016222	.0017378	28.11584	.3092635	.0540677	.0910243	71.14678
#3	.0017480	.0017462	28.18676	.3076890	.0543841	.0946419	71.21783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.118706	27.95627	.1627342	-.002088	.8239969	.1082701	.3040150
Stddev	.010337	.17506	.0005120	.000120	.1751704	.0018342	.0107453
%RSD	.4878747	.6261837	.3146204	5.736125	21.25862	1.694130	3.534477
#1	2.107157	27.80022	.1622776	-.002219	.7209413	.1099853	.2918406
#2	2.121872	27.92303	.1632877	-.001986	1.026254	.1084885	.3080282
#3	2.127090	28.14557	.1626372	-.002058	.724795	.1063364	.3121761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.408982	2.676948	.0406165	-.000117	.4244547	2.647898	.0005279
Stddev	.044729	.003550	.0013248	.000169	.0023066	.015854	.0022469
%RSD	.8269431	.1326030	3.261829	144.1919	.5434366	.5987256	425.6012
#1	5.395748	2.675664	.0390902	-.000301	.4220402	2.644839	.0031211
#2	5.458835	2.674219	.0414684	-.000083	.4246884	2.633797	-.000842
#3	5.372363	2.680961	.0412910	.000032	.4266357	2.665059	-.000695

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-02 Acquired: 06/28/2024 22:41:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5541183	.0943742	.0954194
Stddev	.0043638	.0031082	.0001778
%RSD	.7875146	3.293508	.1863728
#1	.5534976	.0935539	.0952839
#2	.5500982	.0978103	.0953535
#3	.5587592	.0917584	.0956208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.940	31942.41	4447.402	1062.073	2807.052
Stddev	5.286	369.57	14.130	7.018	6.830
%RSD	.2721892	1.156999	.3177115	.6608005	.2433253
#1	1943.364	31725.95	4431.335	1055.215	2812.950
#2	1946.368	31732.14	4457.894	1061.765	2808.638
#3	1936.088	32369.15	4452.975	1069.241	2799.568

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-01LX5 Acquired: 06/28/2024 22:45:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119113	.0002402	.0150023	-.008157	.0006735	9.206228	.0826247
Stddev	.0053669	.0013569	.0026292	.003846	.0007878	.083903	.0001590
%RSD	45.05722	564.9439	17.52554	47.15251	116.9691	.9113731	.1924506
#1	.0086174	.0002803	.0174027	-.007879	.0013260	9.111411	.0828043
#2	.0090123	-.001136	.0154119	-.012135	-.000202	9.236401	.0825016
#3	.0181043	.001577	.0121923	-.004457	.000896	9.270872	.0825684

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003925	.0002981	5.314538	.1267614	.0133035	.0205293	16.59241
Stddev	.0000736	.0000962	.017324	.0000754	.0002399	.0046931	.10998
%RSD	18.75658	32.27754	.3259792	.0595045	1.803058	22.86034	.6628365
#1	.0003333	.0001954	5.294587	.1267060	.0132731	.0259314	16.47472
#2	.0003693	.0003128	5.325776	.1268473	.0130803	.0174577	16.60993
#3	.0004750	.0003862	5.323251	.1267310	.0135572	.0181987	16.69258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4151277	9.186925	.0510224	-.001043	.4594318	.0251801	.0516580
Stddev	.0007642	.112442	.0006178	.000175	.1707855	.0009186	.0065146
%RSD	.1840974	1.223933	1.210845	16.81264	37.17319	3.647976	12.61105
#1	.4144344	9.057647	.0504953	-.001125	.3339422	.0262166	.0584439
#2	.4159472	9.241152	.0508697	-.001162	.3904310	.0248570	.0510764
#3	.4150016	9.261978	.0517023	-.000841	.6539224	.0244667	.0454536

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3890630	.3977374	.0098286	-.000363	.0659888	.5251592	-.000075
Stddev	.0842739	.0039740	.0014040	.000274	.0061958	.0041913	.000565
%RSD	21.66072	.9991410	14.28502	75.48642	9.389193	.7981054	755.6998
#1	.3022623	.3950437	.0083403	-.000640	.0594941	.5237778	-.000198
#2	.3943672	.3958670	.0111295	-.000357	.0666377	.5218329	.000542
#3	.4705595	.4023014	.0100160	-.000092	.0718347	.5298668	-.000568

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-01LX5 Acquired: 06/28/2024 22:45:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1001529	.0501398	.0218291
Stddev	.0005578	.0031464	.0003765
%RSD	.5569286	6.275244	1.724863
#1	.0997215	.0476082	.0214203
#2	.0999545	.0536624	.0221617
#3	.1007828	.0491488	.0219052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.272	31144.42	4308.178	1023.183	2896.944
Stddev	3.717	132.18	16.215	4.312	9.799
%RSD	.1956165	.4244167	.3763884	.4214555	.3382612
#1	1899.072	31245.67	4326.615	1027.003	2900.779
#2	1904.441	30994.88	4296.130	1018.507	2904.245
#3	1897.304	31192.70	4301.790	1024.038	2885.807

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-03 Acquired: 06/28/2024 22:50:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1720091	.0813271	.1979171	.0420553	.1462435	56.91179
Stddev	.0009775	.0011807	.0046794	.0015788	.0028482	.55021
%RSD	.5682736	1.451733	2.364341	3.754203	1.947561	.9667688
#1	.1720432	.0804089	.1928897	.0421562	.1472048	56.73581
#2	.1729690	.0826589	.1987158	.0404285	.1430390	56.47111
#3	.1710149	.0809135	.2021458	.0435813	.1484866	57.52846

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.059990	.0885566	.0985122	67.88055	.5239916	1.060929
Stddev	.013024	.0010726	.0001098	.27450	.0065474	.003136
%RSD	.3207949	1.211253	.1114711	.4043811	1.249524	.2956061
#1	4.060395	.0897851	.0985480	67.95091	.5315474	1.059225
#2	4.046768	.0878059	.0983890	67.57772	.5204392	1.059014
#3	4.072808	.0880789	.0985997	68.11301	.5199881	1.064549

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6696034	117.9668	5.085133	50.68749	1.720489	.0641966
Stddev	.0089951	.6773	.025980	.28187	.004389	.0004283
%RSD	1.343354	.5741222	.5109014	.5560946	.2550828	.6671356
#1	.6631925	117.9603	5.086637	50.53327	1.720134	.0641441
#2	.6657316	117.2927	5.058434	50.51639	1.716289	.0637970
#3	.6798861	118.6472	5.110328	51.01282	1.725044	.0646487

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.899379	.9795278	1.137258	7.643056	F 14.79558	.0697219
Stddev	.055538	.0146055	.023787	.083640	.04238	.0006302
%RSD	2.923996	1.491072	2.091593	1.094332	.2864246	.9038336
#1	1.845771	.9844238	1.149678	7.618424	14.78026	.0690529
#2	1.956664	.9631034	1.109832	7.574498	14.76300	.0703043
#3	1.895702	.9910563	1.152263	7.736247	14.84349	.0698086

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-03 Acquired: 06/28/2024 22:50:13 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5X1S Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4443207	.6029304	2.800336	-.001514	1.446752	.1332793
Stddev	.0014658	.0091513	.023948	.000642	.013669	.0026212
%RSD	.3298899	1.517802	.8551920	42.40197	.9448233	1.966694
#1	.4441437	.6077279	2.825700	-.000850	1.440543	.1358768
#2	.4429515	.5923779	2.778114	-.002132	1.437290	.1333261
#3	.4458670	.6086854	2.797194	-.001560	1.462424	.1306351

Elem	Sr4077
Units	ppm
Avg	.2065566
Stddev	.0028285
%RSD	1.369364
#1	.2050889
#2	.2047637
#3	.2098173

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.011	34289.10	4878.693	1130.431	2683.317
Stddev	3.409	104.82	23.603	2.249	1.301
%RSD	.1625884	.3056827	.4837976	.1989545	.0484774
#1	2097.921	34200.45	4868.185	1127.923	2682.373
#2	2099.873	34404.78	4905.725	1132.269	2684.801
#3	2093.239	34262.05	4862.168	1131.102	2682.777

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-04 Acquired: 06/28/2024 22:54:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5100031	-.011582	.3416978	-.120691	.0197377	152.4274
Stddev	.0083892	.001427	.0010453	.001665	.0008330	.5590
%RSD	1.644935	12.31810	.3059157	1.379141	4.220094	.3667041
#1	.5196896	-.011879	.3416712	-.121441	.0191876	153.0537
#2	.5050703	-.010030	.3427562	-.118783	.0206961	152.2491
#3	.5052494	-.012836	.3406661	-.121848	.0193295	151.9793

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.324661	.0049176	.0153482	20.48305	.4037223	.3720737
Stddev	.002218	.0000670	.0001980	.03575	.0003702	.0010760
%RSD	.0512905	1.362062	1.290092	.1745398	.0916884	.2891769
#1	4.322646	.0049949	.0151196	20.47246	.4033094	.3717165
#2	4.324300	.0048753	.0154599	20.52290	.4040245	.3712218
#3	4.327038	.0048827	.0154652	20.45379	.4038330	.3732828

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7722451	520.8607	F 51.65810	99.61615	.4807786	-.014351
Stddev	.0047228	1.7742	.07989	.31214	.0017666	.000248
%RSD	.6115649	.3406229	.1546585	.3133394	.3674469	1.726490
#1	.7765531	522.9084	51.74688	99.96666	.4797890	-.014462
#2	.7729870	519.7839	51.59198	99.36819	.4797286	-.014524
#3	.7671953	519.8897	51.63545	99.51361	.4828182	-.014067

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.794559	.9095533	1.069701	30.16291	7.566783	.2598962
Stddev	.206115	.0080900	.003311	.29717	.021438	.0035876
%RSD	11.48555	.8894434	.3094804	.9852065	.2833166	1.380414
#1	1.691728	.9081201	1.073409	30.45755	7.558322	.2634807
#2	2.031858	.9022757	1.067042	30.16791	7.550867	.2563054
#3	1.660090	.9182641	1.068653	29.86327	7.591161	.2599024

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-04 Acquired: 06/28/2024 22:54:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000924	.6605674	3.844831	.0018312	1.613887	.3436708
Stddev	.000792	.0024220	.039319	.0006786	.003774	.0002708
%RSD	85.70770	.3666623	1.022647	37.06036	.2338302	.0787969
#1	-.001830	.6631959	3.820413	.0013523	1.618243	.3437243
#2	-.000583	.6600807	3.823891	.0026078	1.611586	.3439109
#3	-.000360	.6584257	3.890188	.0015335	1.611834	.3433773

Elem	Sr4077
Units	ppm
Avg	.2596116
Stddev	.0021510
%RSD	.8285322
#1	.2620459
#2	.2588212
#3	.2579676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.128	32026.55	4618.197	1058.965	2584.149
Stddev	3.990	267.41	12.490	11.595	3.437
%RSD	.2035666	.8349560	.2704570	1.094913	.1329839
#1	1958.588	31816.63	4605.320	1050.684	2581.023
#2	1964.659	31935.41	4619.011	1053.993	2587.829
#3	1957.137	32327.61	4630.261	1072.216	2583.597

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-05 Acquired: 06/28/2024 22:58:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6392248	-.022703	.2163275	-.120939	.0202149	171.5430	1.604062
Stddev	.0035486	.002126	.0054012	.007037	.0022025	.7949	.004758
%RSD	.5551402	9.362470	2.496769	5.818858	10.89534	.4633681	.2966450
#1	.6433158	-.025131	.2124804	-.128474	.0180569	170.7533	1.599693
#2	.6373804	-.021801	.2139997	-.119806	.0201285	171.5329	1.603360
#3	.6369783	-.021178	.2225023	-.114537	.0224593	172.3429	1.609132

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043482	.0129502	35.22879	.6779910	.3271356	.7042487	513.9519
Stddev	.0000361	.0002924	.11677	.0019390	.0003138	.0044504	2.0924
%RSD	.8289629	2.257703	.3314732	.2859928	.0959214	.6319419	.4071263
#1	.0043507	.0131939	35.09687	.6800577	.3271687	.7009529	511.8461
#2	.0043830	.0126260	35.27055	.6777036	.3268065	.7024820	513.9789
#3	.0043110	.0130306	35.31894	.6762117	.3274315	.7093112	516.0307

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.06977	117.3769	.5283703	-.015231	1.825504	1.069054	.9936155
Stddev	.10064	.7207	.0007221	.000692	.060320	.015047	.0089353
%RSD	.3461972	.6139697	.1366623	4.540176	3.304289	1.407483	.8992752
#1	28.96305	116.7037	.5283918	-.015500	1.755924	1.054704	.9836683
#2	29.08331	117.2899	.5276377	-.014446	1.857570	1.067746	1.000962
#3	29.16296	118.1371	.5290814	-.015748	1.863019	1.084712	.996216

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.79679	8.565183	.2614498	-.001725	1.031085	5.215031	.0015060
Stddev	.29413	.015446	.0036620	.000884	.003727	.016821	.0010394
%RSD	.8216534	.1803380	1.400645	51.26695	.3614954	.3225463	69.01464
#1	35.48669	8.571159	.2608116	-.000749	1.030079	5.197718	.0007108
#2	35.83188	8.547642	.2581488	-.001952	1.027964	5.216064	.0026821
#3	36.07179	8.576749	.2653889	-.002474	1.035212	5.231312	.0011251

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-05 Acquired: 06/28/2024 22:58:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.381645	.3612143	.2714850
Stddev	.001964	.0040377	.0015199
%RSD	.1421341	1.117814	.5598331
#1	1.379812	.3650392	.2699238
#2	1.381405	.3569930	.2715712
#3	1.383718	.3616106	.2729599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.023	32103.89	4692.420	1055.171	2542.257
Stddev	2.488	155.14	24.451	7.409	2.394
%RSD	.1257272	.4832326	.5210681	.7021403	.0941694
#1	1980.722	32240.47	4720.292	1060.423	2541.072
#2	1976.167	31935.22	4674.586	1046.697	2540.688
#3	1980.180	32135.99	4682.382	1058.395	2545.013

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-06 Acquired: 06/28/2024 23:03:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6321638	-.018797	.1886505	-.129946	.0188938	199.2578
Stddev	.0036421	.003827	.0041788	.004305	.0042119	.9011
%RSD	.5761261	20.35762	2.215088	3.313279	22.29266	.4522380
#1	.6309035	-.022202	.1912343	-.126754	.0150732	199.0347
#2	.6293193	-.019533	.1838294	-.134843	.0181979	198.4892
#3	.6362686	-.014656	.1908877	-.128242	.0234104	200.2495

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.987635	.0047122	.0135203	36.62252	.6736221	.3901319
Stddev	.008191	.0001772	.0003091	.07987	.0039690	.0017379
%RSD	.2741477	3.759656	2.286089	.2180936	.5892002	.4454737
#1	2.984093	.0045583	.0138379	36.53500	.6704432	.3917436
#2	2.981811	.0046724	.0132205	36.64109	.6723525	.3882906
#3	2.997000	.0049059	.0135026	36.69147	.6780705	.3903615

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7169018	560.3902	F 41.99309	133.9366	.6224783	-.017099
Stddev	.0010439	1.7478	.12262	.3814	.0032574	.000981
%RSD	.1456096	.3118851	.2920096	.2847576	.5232869	5.734780
#1	.7173696	559.1847	41.92335	133.7143	.6237722	-.017865
#2	.7157058	559.5913	41.92124	133.7185	.6187728	-.017437
#3	.7176298	562.3947	42.13468	134.3770	.6248899	-.015994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.022920	1.114545	1.057135	41.01378	9.822632	.2853289
Stddev	.395935	.009782	.002137	.17306	.043365	.0041845
%RSD	19.57246	.8776372	.2021814	.4219596	.4414813	1.466547
#1	1.630033	1.114276	1.056228	40.96575	9.846790	.2898473
#2	2.016892	1.104901	1.059576	40.86981	9.772569	.2845523
#3	2.421834	1.124459	1.055601	41.20578	9.848539	.2815871

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-06 Acquired: 06/28/2024 23:03:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001577	1.165416	4.781791	.0013747	1.369896	.3978347
Stddev	.000714	.023457	.062139	.0014991	.004700	.0003240
%RSD	45.25690	2.012755	1.299493	109.0504	.3431063	.0814526
#1	-.000800	1.177609	4.776779	.0015642	1.368489	.3980946
#2	-.001726	1.138374	4.722309	-.000210	1.366061	.3974716
#3	-.002203	1.180266	4.846284	.002770	1.375139	.3979378

Elem	Sr4077
Units	ppm
Avg	.3217937
Stddev	.0017940
%RSD	.5575054
#1	.3205266
#2	.3210079
#3	.3238465

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.902	32330.93	4700.227	1061.272	2539.740
Stddev	5.313	324.82	20.603	12.729	8.545
%RSD	.2679218	1.004668	.4383476	1.199448	.3364358
#1	1979.813	32496.78	4724.018	1065.960	2536.191
#2	1989.036	31956.67	4688.455	1046.863	2549.487
#3	1979.856	32539.34	4688.210	1070.992	2533.541

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-07 Acquired: 06/28/2024 23:07:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7678442	-.013945	.2943519	-.121815	.0225307	178.3838
Stddev	.0109180	.002311	.0013867	.009917	.0031111	1.1807
%RSD	1.421905	16.56949	.4710965	8.141052	13.80840	.6619040
#1	.7762571	-.013131	.2930719	-.118883	.0218065	178.7536
#2	.7555063	-.016553	.2958250	-.113694	.0259401	179.3353
#3	.7717693	-.012152	.2941588	-.132867	.0198456	177.0624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.623953	.0042818	.0144178	39.06983	.5561704	.3682227
Stddev	.008119	.0003870	.0002299	.13406	.0019626	.0011417
%RSD	.3094177	9.038997	1.594706	.3431218	.3528787	.3100600
#1	2.629849	.0047279	.0145937	39.14559	.5579874	.3692359
#2	2.627317	.0040813	.0141576	39.14885	.5564348	.3669856
#3	2.614693	.0040360	.0145021	38.91504	.5540890	.3684466

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8306892	548.3161	F 46.69130	121.1182	.5114759	-.016438
Stddev	.0088405	3.6814	.27393	.7714	.0030133	.000331
%RSD	1.064238	.6713961	.5866739	.6369291	.5891333	2.016304
#1	.8322675	549.9212	46.83510	121.5361	.5125107	-.016261
#2	.8386343	550.9224	46.86338	121.5906	.5080815	-.016821
#3	.8211659	544.1047	46.37542	120.2280	.5138354	-.016233

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.081068	1.035979	1.184816	37.22508	8.925468	.2774379
Stddev	.129288	.005611	.008830	.39716	.032512	.0062979
%RSD	6.212599	.5416463	.7452883	1.066906	.3642653	2.270034
#1	2.103343	1.035766	1.190729	37.23700	8.918523	.2824150
#2	1.942089	1.041693	1.189054	37.61615	8.896990	.2703575
#3	2.197772	1.030476	1.174666	36.82210	8.960892	.2795411

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-07 Acquired: 06/28/2024 23:07:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001011	1.034739	5.905091	.0000648	1.559017	.3869116
Stddev	.000996	.016430	.086125	.0014265	.011993	.0014949
%RSD	98.51296	1.587871	1.458489	2201.489	.7692544	.3863694
#1	-.002007	1.021111	5.854419	-.001376	1.555007	.3885680
#2	-.001010	1.030121	6.004534	.001477	1.572502	.3856627
#3	-.000015	1.052984	5.856321	.000094	1.549544	.3865041

Elem	Sr4077
Units	ppm
Avg	.3727363
Stddev	.0044757
%RSD	1.200772
#1	.3734064
#2	.3768392
#3	.3679633

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.314	32250.08	4668.410	1065.492	2558.274
Stddev	4.074	185.34	29.886	2.054	7.327
%RSD	.2052213	.5747014	.6401649	.1927994	.2864001
#1	1980.616	32067.02	4681.494	1063.166	2551.336
#2	1987.441	32437.62	4634.214	1067.058	2565.936
#3	1987.884	32245.58	4689.523	1066.251	2557.551

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-08 Acquired: 06/28/2024 23:11:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5983380	-.002173	.4375235	-.122811	.0204744	127.1266
Stddev	.0042907	.001618	.0042095	.005777	.0037403	.9486
%RSD	.7171007	74.48771	.9621108	4.704390	18.26840	.7462051
#1	.6030766	-.000357	.4415330	-.128020	.0213503	126.0809
#2	.5947159	-.002699	.4331392	-.123815	.0163738	127.9318
#3	.5972215	-.003463	.4378983	-.116597	.0236991	127.3671

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.009904	.0048865	.0170735	44.38901	.4337586	.3544718
Stddev	.028014	.0001060	.0003729	.25986	.0011438	.0015830
%RSD	.4661359	2.169752	2.184352	.5854154	.2637047	.4465693
#1	5.991118	.0049688	.0171087	44.15836	.4324494	.3535239
#2	6.042103	.0049239	.0166842	44.67055	.4345644	.3535923
#3	5.996490	.0047669	.0174276	44.33812	.4342620	.3562993

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8371684	514.4180	F 65.11507	77.30992	.5422702	-.015596
Stddev	.0037968	3.3707	.34416	.44103	.0003467	.000134
%RSD	.4535323	.6552387	.5285428	.5704706	.0639417	.8617561
#1	.8328675	510.8283	64.75105	76.81081	.5418775	-.015658
#2	.8385825	517.5155	65.43515	77.64709	.5423988	-.015442
#3	.8400553	514.9103	65.15900	77.47186	.5425342	-.015688

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.015714	.8729747	1.205190	34.50334	F 10.69072	.2672280
Stddev	.173380	.0032432	.023754	.44877	.02741	.0026740
%RSD	8.601408	.3715156	1.971006	1.300671	.2564254	1.000663
#1	1.890644	.8730372	1.201660	33.99391	10.67768	.2642743
#2	1.942865	.8761862	1.230511	34.67584	10.67227	.2694841
#3	2.213633	.8697007	1.183397	34.84026	10.72222	.2679256

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-08 Acquired: 06/28/2024 23:11:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000670	1.601174	4.093911	.0024879	1.242825	.3198288
Stddev	.000421	.006336	.032632	.0011658	.005278	.0026049
%RSD	62.91591	.3957153	.7970799	46.86009	.4246743	.8144577
#1	-.000732	1.600246	4.060635	.0026729	1.236733	.3218685
#2	-.001057	1.607923	4.125858	.0012406	1.245736	.3168946
#3	-.000221	1.595353	4.095239	.0035502	1.246007	.3207234

Elem	Sr4077
Units	ppm
Avg	.3891826
Stddev	.0042380
%RSD	1.088957
#1	.3843451
#2	.3922418
#3	.3909609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.082	32695.18	4723.386	1078.652	2586.411
Stddev	4.347	89.11	27.526	2.427	8.506
%RSD	.2156290	.2725611	.5827522	.2250192	.3288817
#1	2018.078	32740.44	4752.730	1080.905	2590.757
#2	2019.072	32752.59	4698.137	1076.082	2591.867
#3	2011.095	32592.52	4719.290	1078.971	2576.610

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-09 Acquired: 06/28/2024 23:16:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9477348	-.021659	.4375125	-.149297	.0242824	216.5046
Stddev	.0102415	.003459	.0046190	.001194	.0032184	.9941
%RSD	1.080629	15.97048	1.055747	.7997806	13.25394	.4591496
#1	.9589821	-.024675	.4428437	-.150543	.0278220	216.2623
#2	.9452753	-.017883	.4347093	-.148162	.0234932	215.6541
#3	.9389470	-.022418	.4349845	-.149186	.0215321	217.5975

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.090610	.0047616	.0181810	64.20641	.5662220	.4426821
Stddev	.013983	.0002083	.0002327	.25296	.0006940	.0003442
%RSD	.3418418	4.373962	1.279918	.3939825	.1225588	.0777622
#1	4.078949	.0045471	.0184197	64.03498	.5658387	.4424909
#2	4.086767	.0047748	.0181685	64.08731	.5670231	.4430795
#3	4.106113	.0049630	.0179548	64.49694	.5658043	.4424759

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9621980	624.8820	F 54.89544	143.6561	.5809521	-.020095
Stddev	.0089392	2.7183	.21608	.5032	.0016992	.000554
%RSD	.9290423	.4350157	.3936290	.3503055	.2924837	2.757157
#1	.9646050	624.1241	54.76529	143.4865	.5818857	-.019456
#2	.9523017	622.6231	54.77617	143.2596	.5819798	-.020432
#3	.9696873	627.8989	55.14488	144.2222	.5789908	-.020398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.271206	1.300699	1.507772	65.77192	F 15.89628	.3337753
Stddev	.250339	.006596	.012631	.27612	.02449	.0028040
%RSD	11.02229	.5071145	.8377001	.4198075	.1540677	.8400861
#1	2.543383	1.293116	1.507815	66.03822	15.92262	.3341822
#2	2.219434	1.305110	1.495120	65.48694	15.87419	.3307901
#3	2.050800	1.303872	1.520381	65.79059	15.89204	.3363536

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-09 Acquired: 06/28/2024 23:16:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000369	2.967632	5.638121	-.000531	1.693103	.4818385
Stddev	.000486	.004374	.037588	.000578	.001696	.0007453
%RSD	131.5767	.1473815	.6666728	108.7912	.1001849	.1546875
#1	-.000904	2.970287	5.681522	.000036	1.694293	.4815977
#2	-.000250	2.970026	5.616089	-.001120	1.691160	.4812434
#3	.000046	2.962584	5.616753	-.000510	1.693854	.4826745

Elem	Sr4077
Units	ppm
Avg	.4596714
Stddev	.0023250
%RSD	.5058047
#1	.4612701
#2	.4570042
#3	.4607400

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.863	32320.41	4723.704	1065.438	2492.039
Stddev	2.308	241.00	7.367	5.237	4.922
%RSD	.1165504	.7456436	.1559630	.4915807	.1974992
#1	1979.627	32563.14	4715.766	1069.423	2486.357
#2	1982.280	32081.19	4725.025	1067.385	2494.949
#3	1977.683	32316.92	4730.322	1059.506	2494.813

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-10 Acquired: 06/28/2024 23:20:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4091689	-.008821	.2198475	-.095064	.0151121	131.2014
Stddev	.0126362	.004274	.0012285	.008973	.0044183	1.2616
%RSD	3.088269	48.45125	.5588085	9.438738	29.23655	.9615667
#1	.4088764	-.012397	.2187324	-.087867	.0156804	130.1247
#2	.3966815	-.004088	.2196458	-.105117	.0104372	132.5895
#3	.4219489	-.009979	.2211645	-.092207	.0192187	130.8900

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.960825	.0037889	.0083026	23.99202	.3639114	.2882708
Stddev	.011897	.0000400	.0002108	.12576	.0011640	.0007738
%RSD	.6067487	1.055786	2.538475	.5241924	.3198554	.2684142
#1	1.956396	.0037930	.0082926	23.93370	.3650498	.2881189
#2	1.974302	.0038267	.0080970	24.13635	.3639610	.2891093
#3	1.951779	.0037470	.0085182	23.90599	.3627234	.2875843

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5127473	422.9888	F 37.05695	87.00347	.3478609	-.013889
Stddev	.0094322	3.0145	.19011	.73733	.0006178	.000800
%RSD	1.839544	.7126610	.5130208	.8474689	.1775937	5.756614
#1	.5022052	420.9450	36.93360	86.47840	.3471490	-.014730
#2	.5203880	426.4509	37.27588	87.84642	.3482554	-.013798
#3	.5156488	421.5706	36.96136	86.68559	.3481784	-.013138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.240596	.7615496	.9464630	29.19643	6.426087	.2173902
Stddev	.201415	.0083592	.0109249	.49599	.014666	.0067986
%RSD	16.23532	1.097656	1.154286	1.698820	.2282315	3.127384
#1	1.424093	.7579898	.9444825	28.69391	6.429858	.2148628
#2	1.272601	.7710995	.9582426	29.68563	6.438499	.2250906
#3	1.025095	.7555596	.9366638	29.20975	6.409903	.2122173

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-10 Acquired: 06/28/2024 23:20:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000541	.3723263	4.528672	-.000623	1.352872	.3017844
Stddev	.000347	.0060018	.017400	.001470	.013553	.0032771
%RSD	64.08020	1.611970	.3842158	235.8113	1.001763	1.085903
#1	-.000375	.3780842	4.508588	-.001737	1.340601	.3031161
#2	-.000309	.3661072	4.538235	-.001177	1.367418	.3041860
#3	-.000939	.3727874	4.539192	.001043	1.350596	.2980511

Elem	Sr4077
Units	ppm
Avg	.2435335
Stddev	.0029565
%RSD	1.214010
#1	.2402846
#2	.2460660
#3	.2442498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.565	31779.05	4535.015	1047.890	2620.807
Stddev	.186	151.91	21.046	1.518	6.112
%RSD	.0094863	.4780333	.4640820	.1448510	.2332138
#1	1957.633	31709.55	4550.349	1047.157	2614.780
#2	1957.708	31674.31	4543.676	1049.635	2620.642
#3	1957.356	31953.28	4511.021	1046.878	2627.000

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-11 Acquired: 06/28/2024 23:24:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6091839	-.013562	.6354991	-.140788	.0262458	154.3629
Stddev	.0099182	.002347	.0033545	.002567	.0034925	.0933
%RSD	1.628119	17.30160	.5278561	1.823333	13.30695	.0604318
#1	.6054139	-.011086	.6321748	-.138303	.0278166	154.4537
#2	.6017034	-.013849	.6388830	-.143430	.0286771	154.2673
#3	.6204343	-.015752	.6354395	-.140631	.0222437	154.3677

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.211574	.0059753	.0237182	22.88217	.3965104	.3988820
Stddev	.006544	.0000518	.0004162	.04537	.0024363	.0027234
%RSD	.1553878	.8670665	1.754727	.1982941	.6144230	.6827570
#1	4.219129	.0060018	.0232382	22.93410	.3945011	.3958111
#2	4.207640	.0060086	.0239772	22.86227	.3958100	.3998310
#3	4.207955	.0059156	.0239394	22.85016	.3992202	.4010040

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.268014	578.8526	F 57.74451	94.94383	.5093176	-.017265
Stddev	.005832	.4789	.04584	.17880	.0026366	.000703
%RSD	.4599375	.0827301	.0793895	.1883198	.5176644	4.073230
#1	1.262181	579.4025	57.79744	95.12258	.5062742	-.017236
#2	1.273846	578.5269	57.71735	94.94393	.5107716	-.017982
#3	1.268015	578.6284	57.71874	94.76498	.5109071	-.016576

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.016627	.8288034	1.769225	35.07514	8.515210	.2929774
Stddev	.366289	.0031838	.031384	.26939	.032015	.0044583
%RSD	18.16345	.3841441	1.773902	.7680404	.3759739	1.521706
#1	1.620029	.8320306	1.800025	34.76463	8.487800	.2963754
#2	2.087646	.8287147	1.770362	35.21425	8.507433	.2946274
#3	2.342206	.8256649	1.737287	35.24653	8.550397	.2879293

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-11 Acquired: 06/28/2024 23:24:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010619	.8027301	4.806264	.0023982	1.751408	.3949174
Stddev	.0001813	.0137151	.028560	.0014661	.006652	.0024502
%RSD	17.07677	1.708558	.5942347	61.13160	.3798066	.6204325
#1	.0008695	.7987756	4.774184	.0020149	1.743777	.3966404
#2	.0010863	.7914267	4.828925	.0040178	1.754468	.3921124
#3	.0012297	.8179880	4.815683	.0011619	1.755980	.3959993

Elem	Sr4077
Units	ppm
Avg	.2417168
Stddev	.0010779
%RSD	.4459480
#1	.2404738
#2	.2423946
#3	.2422819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.093	32195.91	4639.881	1056.294	2584.195
Stddev	6.509	34.27	22.341	7.938	8.557
%RSD	.3287020	.1064290	.4815054	.7514950	.3311391
#1	1987.606	32181.07	4663.442	1050.615	2593.999
#2	1976.507	32171.57	4619.002	1052.902	2580.360
#3	1976.166	32235.10	4637.200	1065.364	2578.226

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-12 Acquired: 06/28/2024 23:29:11 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5L9 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5239225	-.031267	.1777472	-.145880	.0241093	227.5257	1.948864
Stddev	.0090718	.001404	.0029121	.006219	.0035192	2.0602	.008049
%RSD	1.731521	4.491021	1.638354	4.263073	14.59680	.9054828	.4130003
#1	.5299182	-.029892	.1770095	-.141637	.0257898	226.4867	1.947630
#2	.5134858	-.031212	.1752749	-.142985	.0200649	226.1919	1.941503
#3	.5283636	-.032698	.1809573	-.153019	.0264732	229.8985	1.957458

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059572	.0131833	48.36316	.6945221	.4300570	.7341420	563.4347
Stddev	.0001997	.0000352	.16188	.0030937	.0005682	.0093063	4.2076
%RSD	3.352074	.2668892	.3347224	.4454410	.1321132	1.267647	.7467803
#1	.0061069	.0131427	48.25163	.6978182	.4306704	.7274575	561.2201
#2	.0057305	.0132054	48.28902	.6940671	.4295487	.7301977	560.7968
#3	.0060343	.0132018	48.54884	.6916812	.4299519	.7447710	568.2870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.56018	164.0733	.6109114	-.019515	2.047922	1.228120	.8834447
Stddev	.16568	1.3578	.0013163	.000870	.306778	.009683	.0096206
%RSD	.6011627	.8275297	.2154630	4.458790	14.97995	.7884664	1.088988
#1	27.47625	163.3526	.6100612	-.020344	1.823327	1.227601	.8793012
#2	27.45325	163.2278	.6102454	-.019591	1.922985	1.218706	.8765900
#3	27.75103	165.6394	.6124276	-.018609	2.397455	1.238052	.8944427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.32640	5.347824	.2787410	-.004264	.4699899	2.544605	-.001878
Stddev	.19741	.014251	.0020063	.000283	.0097379	.010085	.000842
%RSD	1.481313	.2664788	.7197824	6.636799	2.071934	.3963404	44.83877
#1	13.36257	5.337469	.2770146	-.003969	.4772702	2.535658	-.002806
#2	13.11340	5.341926	.2782663	-.004533	.4737709	2.542622	-.001663
#3	13.50321	5.364077	.2809421	-.004292	.4589285	2.555534	-.001164

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-12 Acquired: 06/28/2024 23:29:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.740942	.4354152	.2519662
Stddev	.017456	.0019111	.0032020
%RSD	1.002689	.4389116	1.270807
#1	1.729968	.4342964	.2503146
#2	1.731787	.4376219	.2499272
#3	1.761071	.4343273	.2556567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.333	32007.80	4651.272	1050.392	2520.624
Stddev	2.262	219.79	1.279	1.955	2.886
%RSD	.1148966	.6866855	.0274987	.1861040	.1145141
#1	1968.696	31789.52	4650.648	1049.725	2519.842
#2	1970.391	32004.80	4650.425	1052.593	2523.822
#3	1965.911	32229.08	4652.743	1048.858	2518.210

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-13 Acquired: 06/28/2024 23:33:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5902087	-.020753	.8067271	-.160052	.0296819	174.4270
Stddev	.0046194	.001648	.0062639	.003273	.0036715	.3637
%RSD	.7826722	7.939870	.7764623	2.044943	12.36959	.2085311
#1	.5869115	-.019274	.8041945	-.156297	.0309918	174.0518
#2	.5954885	-.020455	.8021259	-.161559	.0255351	174.7780
#3	.5882262	-.022529	.8138607	-.162301	.0325189	174.4512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.336522	.0066995	.0230685	26.23292	.5021783	.3320293
Stddev	.011881	.0000629	.0003744	.05742	.0024972	.0009331
%RSD	.2739828	.9382112	1.622840	.2188986	.4972730	.2810387
#1	4.323422	.0066273	.0231798	26.18533	.5010749	.3309545
#2	4.339541	.0067423	.0226511	26.21674	.5050372	.3326324
#3	4.346603	.0067289	.0233747	26.29670	.5004230	.3325009

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.047257	643.5332	F 48.58713	109.2652	.5035245	-.018234
Stddev	.005424	.4507	.04741	.1018	.0013941	.000524
%RSD	.5179632	.0700276	.0975783	.0932096	.2768704	2.871860
#1	1.044956	643.0135	48.53360	109.1538	.5033891	-.018784
#2	1.053453	643.8153	48.60394	109.3536	.5022030	-.017742
#3	1.043363	643.7709	48.62384	109.2882	.5049813	-.018176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.179267	1.019711	1.714328	46.09700	F 10.62360	.3237792
Stddev	.140842	.002319	.014105	.12419	.03357	.0093979
%RSD	6.462803	.2274299	.8227693	.2694074	.3160388	2.902571
#1	2.188985	1.018325	1.723576	45.97391	10.59329	.3330975
#2	2.314998	1.022389	1.698094	46.22226	10.61782	.3143037
#3	2.033818	1.018420	1.721315	46.09481	10.65969	.3239365

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-13 Acquired: 06/28/2024 23:33:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001994	1.163070	5.331645	.0008290	2.027932	.3745694
Stddev	.000414	.006957	.022237	.0005215	.004082	.0038832
%RSD	20.76966	.5981980	.4170698	62.90904	.2013114	1.036703
#1	-.002069	1.155896	5.307916	.0004704	2.023260	.3752063
#2	-.001548	1.163524	5.352006	.0014273	2.030814	.3780947
#3	-.002366	1.169788	5.335012	.0005894	2.029721	.3704071

Elem	Sr4077
Units	ppm
Avg	.2631331
Stddev	.0010241
%RSD	.3891987
#1	.2620734
#2	.2641174
#3	.2632083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.777	31670.75	4594.741	1040.401	2553.957
Stddev	6.143	42.04	28.129	5.198	6.151
%RSD	.3131342	.1327399	.6121939	.4995920	.2408454
#1	1961.179	31632.31	4625.619	1036.403	2551.895
#2	1968.197	31664.30	4570.577	1046.276	2560.874
#3	1955.955	31715.65	4588.028	1038.523	2549.101

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-14 Acquired: 06/28/2024 23:37:51 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5M1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6902993	-.005779	.6041856	-.132963	.0227542	167.3014
Stddev	.0036230	.001695	.0010981	.004529	.0027867	1.0661
%RSD	.5248413	29.32874	.1817532	3.406215	12.24709	.6372273
#1	.6870244	-.007730	.6035462	-.138187	.0241882	167.1240
#2	.6896825	-.004676	.6035569	-.130138	.0245319	166.3351
#3	.6941911	-.004930	.6054536	-.130564	.0195425	168.4450

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032542	.0043753	.0251100	25.28493	.4207926	.4306462
Stddev	.021372	.0000725	.0002872	.12583	.0033727	.0009553
%RSD	.4246682	1.656587	1.143911	.4976467	.8015227	.2218198
#1	5.048423	.0044584	.0248335	25.36731	.4178700	.4296993
#2	5.008243	.0043252	.0254069	25.14009	.4200246	.4306296
#3	5.040960	.0043423	.0250897	25.34738	.4244831	.4316096

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.193438	543.9603	F 59.65261	110.8728	.4591004	-.014110
Stddev	.008639	2.5930	.26785	.4028	.0013981	.000593
%RSD	.7238871	.4766874	.4490093	.3633376	.3045322	4.204809
#1	1.185986	544.0564	59.72312	110.9700	.4583476	-.013643
#2	1.191420	541.3206	59.35656	110.4303	.4582401	-.014778
#3	1.202907	546.5039	59.87815	111.2182	.4607136	-.013909

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.857494	.9875586	1.816444	46.49709	9.527672	.2698862
Stddev	.319021	.0041481	.018751	.34853	.025714	.0029292
%RSD	17.17482	.4200332	1.032302	.7495834	.2698925	1.085350
#1	2.204070	.9889623	1.810251	46.19940	9.505944	.2731392
#2	1.792319	.9828908	1.801573	46.41139	9.521011	.2690621
#3	1.576093	.9908227	1.837509	46.88048	9.556062	.2674573

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-14 Acquired: 06/28/2024 23:37:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000426	.7661786	3.698145	.0028947	1.619741	.4227386
Stddev	.000438	.0172078	.018738	.0017134	.012264	.0043760
%RSD	102.8365	2.245921	.5066976	59.19177	.7571323	1.035158
#1	-.000245	.7474808	3.676511	.0017858	1.620080	.4277234
#2	-.000925	.7813499	3.709272	.0020302	1.607311	.4209625
#3	-.000107	.7697051	3.708653	.0048682	1.631831	.4195299

Elem	Sr4077
Units	ppm
Avg	.5110609
Stddev	.0041084
%RSD	.8038856
#1	.5077100
#2	.5098283
#3	.5156445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.053	31662.24	4588.200	1047.158	2553.238
Stddev	3.375	218.69	1.802	5.886	4.581
%RSD	.1711260	.6907091	.0392689	.5620747	.1794279
#1	1968.681	31632.76	4590.278	1040.821	2549.952
#2	1975.430	31894.19	4587.075	1052.452	2558.471
#3	1972.049	31459.79	4587.246	1048.202	2551.290

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-15 Acquired: 06/28/2024 23:42:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8441796	-.017474	.3475052	-.130408	.0213903	171.5596
Stddev	.0058665	.002598	.0021048	.007464	.0023653	1.3379
%RSD	.6949407	14.86640	.6056815	5.723264	11.05804	.7798210
#1	.8374520	-.014475	.3494571	-.124298	.0236095	172.8681
#2	.8468575	-.019031	.3477832	-.128201	.0189019	170.1942
#3	.8482295	-.018916	.3452752	-.138727	.0216594	171.6166

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.892765	.0053465	.0163254	29.86666	.5468625	.3813703
Stddev	.018452	.0001707	.0001083	.16872	.0020234	.0002580
%RSD	.4739994	3.192765	.6636520	.5649220	.3700071	.0676403
#1	3.913568	.0053640	.0162019	30.05951	.5452603	.3810737
#2	3.878376	.0055077	.0164041	29.74628	.5491363	.3815427
#3	3.886352	.0051677	.0163704	29.79419	.5461907	.3814945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.283856	562.3737	F 47.57405	105.8497	.5575798	-.016066
Stddev	.002839	3.9610	.27975	.7789	.0007842	.000258
%RSD	.2211192	.7043361	.5880324	.7358738	.1406421	1.603503
#1	1.285786	566.4329	47.87252	106.6317	.5567387	-.015776
#2	1.285185	558.5189	47.31782	105.0739	.5577099	-.016152
#3	1.280596	562.1692	47.53182	105.8435	.5582908	-.016269

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.942159	1.149456	1.167443	36.65082	8.745484	.2866482
Stddev	.120487	.008105	.024225	.18470	.004948	.0069675
%RSD	6.203766	.7051227	2.075029	.5039578	.0565811	2.430691
#1	1.968331	1.157253	1.178610	36.86402	8.746367	.2928195
#2	1.810738	1.141075	1.139649	36.54918	8.740154	.2790923
#3	2.047410	1.150040	1.184069	36.53927	8.749931	.2880327

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-15 Acquired: 06/28/2024 23:42:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000595	.5227291	4.661585	.0012676	1.860426	.3679341
Stddev	.000466	.0040961	.031001	.0013105	.011022	.0003064
%RSD	78.36608	.7835929	.6650382	103.3777	.5924232	.0832664
#1	-.000066	.5262835	4.688124	.0007093	1.871232	.3678439
#2	-.000771	.5182496	4.669121	.0003288	1.849201	.3676830
#3	-.000948	.5236542	4.627511	.0027648	1.860844	.3682755

Elem	Sr4077
Units	ppm
Avg	.3025476
Stddev	.0020174
%RSD	.6668041
#1	.3048122
#2	.3009426
#3	.3018879

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.249	31971.85	4566.234	1045.395	2528.479
Stddev	.567	103.99	36.858	2.225	3.442
%RSD	.0289148	.3252596	.8071906	.2128058	.1361142
#1	1961.768	32049.79	4551.874	1046.262	2531.411
#2	1961.336	31853.77	4538.716	1042.868	2529.336
#3	1960.644	32011.98	4608.110	1047.056	2524.690

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV085 Acquired: 06/28/2024 23:46:31 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV085 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.864437	4.706354	24.46855	4.609950	4.852904	391.5409	9.761066
Stddev	.023030	.016756	.01509	.014416	.016149	1.4711	.009643
%RSD	.4734418	.3560263	.0616579	.3127251	.3327785	.3757322	.0987889
#1	4.837899	4.691538	24.47556	4.599901	4.836800	390.4474	9.751178
#2	4.879190	4.702987	24.45123	4.603480	4.852815	393.2135	9.761576
#3	4.876222	4.724538	24.47885	4.626468	4.869098	390.9618	9.770443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5022292	2.549046	395.1292	15.23584	2.451044	14.14048	387.2701
Stddev	.0003074	.003302	.9338	.10791	.004047	.09706	1.7988
%RSD	.0612021	.1295551	.2363193	.7082824	.1651068	.6864041	.4644934
#1	.5025804	2.549021	394.1345	15.12247	2.450157	14.08998	385.5674
#2	.5020983	2.545757	395.9869	15.33731	2.447514	14.25238	389.1517
#3	.5020090	2.552361	395.2661	15.24775	2.455460	14.07908	387.0913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.34282	387.3934	2.437949	1.314629	385.4146	2.367896	13.70576
Stddev	.03371	1.5813	.004057	.011071	.6711	.003036	.18129
%RSD	.2350034	.4081824	.1664239	.8421491	.1741328	.1282310	1.322712
#1	14.30522	385.7083	2.437242	1.304271	384.7359	2.371199	13.50969
#2	14.37033	388.8448	2.434292	1.326297	386.0779	2.365226	13.86729
#3	14.35290	387.6272	2.442314	1.313319	385.4300	2.367263	13.74032

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	143.0980	4.948550	4.813954	4.768142	4.885958	4.995157	5.050522
Stddev	1.0311	.002562	.018544	.012536	.026980	.006567	.016706
%RSD	.7205464	.0517812	.3852068	.2629124	.5522042	.1314696	.3307841
#1	142.5521	4.948685	4.810283	4.753773	4.863164	4.993237	5.034525
#2	144.2873	4.945923	4.834059	4.776840	4.878963	5.002471	5.049185
#3	142.4546	4.951042	4.797521	4.773814	4.915747	4.989765	5.067857

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV085 Acquired: 06/28/2024 23:46:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.737675	4.944873	4.662925
Stddev	.018244	.017959	.024611
%RSD	.3850855	.3631913	.5278042
#1	4.728746	4.931702	4.668657
#2	4.758663	4.937588	4.635954
#3	4.725614	4.965331	4.684165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1533.575	25804.37	3907.526	817.9099	2139.070
Stddev	1.979	268.46	16.410	10.2073	2.721
%RSD	.1290126	1.040374	.4199511	1.247979	.1272231
#1	1535.832	26082.13	3921.830	829.6806	2136.012
#2	1532.139	25546.29	3889.612	811.4989	2141.226
#3	1532.754	25784.69	3911.135	812.5500	2139.974

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB085 Acquired: 06/28/2024 23:50:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051924	.0009202	.0003589	-.003050	-.000022	.0013579
Stddev	.0058562	.0021207	.0005651	.006125	.001718	.0088280
%RSD	112.7836	230.4447	157.4524	200.8472	7829.248	650.1079
#1	.0114031	.0020298	-.000185	.003731	-.001666	.0064228
#2	.0044037	-.001525	.000943	-.004698	-.000161	.0064868
#3	-.000229	.002256	.000318	-.008181	.001761	-.008836

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021221	.0000437	.0000800	.0257607	.0001169	.0001473
Stddev	.0001869	.0000367	.0000744	.0123325	.0005357	.0002744
%RSD	8.805437	84.08743	92.94298	47.87347	458.2806	186.2489
#1	.0023368	.0000013	.0000916	.0388138	-.000241	.0002515
#2	.0020338	.0000665	.0001479	.0241640	.000733	-.000164
#3	.0019958	.0000632	.0000006	.0143043	-.000141	.000354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084447	.0189861	.0010051	-.009121	.0001744	-.000644
Stddev	.0018907	.0079117	.0004439	.008979	.0001622	.000542
%RSD	22.38953	41.67112	44.16770	98.43905	93.01962	84.26587
#1	.0099161	.0211478	.0007730	-.016904	.0001066	-.001258
#2	.0091058	.0255922	.0015170	.000702	.0003594	-.000229
#3	.0063122	.0102182	.0007253	-.011161	.0000570	-.000444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3792675	.0032095	-.003668	-.107812	-.002801	.0079749
Stddev	.1327666	.0005932	.004077	.068818	.000868	.0011006
%RSD	35.00606	18.48386	111.1445	63.83164	31.00381	13.80060
#1	.2368049	.0034225	.000428	-.105682	-.001808	.0076884
#2	.4995424	.0036668	-.007726	-.040084	-.003177	.0070459
#3	.4014551	.0025391	-.003707	-.177671	-.003417	.0091904

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB085 Acquired: 06/28/2024 23:50:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006053	.0024301	.0006251	.0012580	.0020059	F .0319082
Stddev	.0000225	.0069717	.0004812	.0004724	.0008811	.0016904
%RSD	3.710581	286.8850	76.98248	37.54929	43.92801	5.297690
#1	.0005835	.0063531	.0007908	.0017333	.0026543	.0335352
#2	.0006040	-.005619	.0010015	.0007886	.0023607	.0320287
#3	.0006284	.006557	.0000829	.0012522	.0010026	.0301608

Elem	Sr4077
Units	ppm
Avg	.0000342
Stddev	.0001261
%RSD	368.4629
#1	.0001214
#2	.0000917
#3	-.000110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.434	30616.73	4194.718	1015.114	2962.115
Stddev	7.254	185.47	38.333	2.178	10.037
%RSD	.3843414	.6057787	.9138284	.2146000	.3388615
#1	1892.199	30412.51	4172.340	1013.037	2965.499
#2	1891.018	30662.97	4172.835	1017.381	2970.023
#3	1879.086	30774.70	4238.980	1014.923	2950.822

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-16 Acquired: 06/28/2024 23:55:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6604528	.0069457	.2924332	-.099590	.0119806	90.54012
Stddev	.0028888	.0047918	.0019917	.004589	.0030296	.45062
%RSD	.4374028	68.99004	.6810637	4.607857	25.28779	.4977027
#1	.6636680	.0049118	.2926195	-.104602	.0154772	91.00979
#2	.6580757	.0035062	.2943252	-.098573	.0101378	90.11134
#3	.6596147	.0124189	.2903550	-.095595	.0103267	90.49924

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.912774	.0033481	.0141529	29.23004	.2705540	.2926024
Stddev	.014578	.0000769	.0000666	.02299	.0014072	.0007677
%RSD	.1842285	2.296218	.4707570	.0786680	.5201146	.2623539
#1	7.912608	.0032728	.0140761	29.25529	.2704096	.2926495
#2	7.898281	.0034265	.0141869	29.21030	.2692246	.2918123
#3	7.927434	.0033451	.0141956	29.22454	.2720278	.2933455

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7127202	399.3456	F 64.15053	51.32897	.3386879	-.012670
Stddev	.0051107	1.2637	.13969	.10985	.0004800	.000555
%RSD	.7170765	.3164389	.2177582	.2140120	.1417149	4.381488
#1	.7121563	400.4864	64.24530	51.40265	.3381350	-.012282
#2	.7079147	397.9873	63.99010	51.20271	.3389310	-.013306
#3	.7180895	399.5631	64.21619	51.38156	.3389977	-.012423

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.588561	.7273897	.8327406	16.45781	8.902739	.2028763
Stddev	.118017	.0059587	.0087398	.09931	.052974	.0040657
%RSD	7.429186	.8191831	1.049519	.6034451	.5950281	2.004055
#1	1.452337	.7303291	.8403295	16.53509	8.857918	.2007624
#2	1.659899	.7313076	.8231850	16.34579	8.889101	.2075635
#3	1.653446	.7205325	.8347073	16.49255	8.961199	.2003030

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-16 Acquired: 06/28/2024 23:55:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001140	.3122208	2.494573	-.000202	.8607716	.2032373
Stddev	.000503	.0025426	.016503	.001638	.0065462	.0026096
%RSD	44.11991	.8143427	.6615581	809.8159	.7605068	1.284022
#1	-.001720	.3111043	2.490574	.001686	.8642125	.2047687
#2	-.000871	.3104275	2.512708	-.001053	.8532225	.2002241
#3	-.000829	.3151305	2.480436	-.001239	.8648798	.2047190

Elem	Sr4077
Units	ppm
Avg	.3371765
Stddev	.0023272
%RSD	.6901921
#1	.3389402
#2	.3345389
#3	.3380504

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.569	32198.40	4649.515	1065.596	2658.652
Stddev	3.279	318.24	28.815	7.277	8.672
%RSD	.1631487	.9883769	.6197421	.6828708	.3261799
#1	2012.226	31919.95	4617.845	1061.143	2664.457
#2	2010.575	32545.30	4674.186	1073.994	2662.816
#3	2005.905	32129.95	4656.514	1061.653	2648.684

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-17 Acquired: 06/28/2024 23:59:43 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5M4 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6114605	-.012434	.2998860	-.128974	.0173568	173.6851
Stddev	.0052354	.002736	.0053940	.003226	.0021581	1.3642
%RSD	.8562176	22.00501	1.798687	2.501295	12.43393	.7854609
#1	.6060152	-.015508	.3016767	-.125562	.0156907	172.8461
#2	.6164572	-.011531	.2938244	-.129387	.0197948	175.2592
#3	.6119090	-.010265	.3041569	-.131974	.0165851	172.9500

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.237960	.0054195	.0123417	34.67966	.4724478	.3829092
Stddev	.021148	.0001132	.0005053	.25497	.0003026	.0021976
%RSD	.6531343	2.088084	4.094396	.7352290	.0640427	.5739240
#1	3.225784	.0055305	.0117607	34.47504	.4727771	.3805203
#2	3.262379	.0053043	.0126787	34.96530	.4723843	.3848448
#3	3.225715	.0054236	.0125857	34.59864	.4721820	.3833626

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6655363	536.7749	F 48.59043	110.8904	.4952496	-.019017
Stddev	.0100661	4.7979	.45965	1.2199	.0025042	.000395
%RSD	1.512477	.8938307	.9459635	1.100104	.5056398	2.075848
#1	.6710726	533.4432	48.23272	109.9181	.4925288	-.018977
#2	.6716190	542.2741	49.10885	112.2592	.4974578	-.019430
#3	.6539173	534.6074	48.42970	110.4938	.4957623	-.018644

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.410366	.9958734	1.074912	26.08814	7.314673	.2769422
Stddev	.076401	.0041899	.005686	.25041	.028813	.0047827
%RSD	1.412116	.4207208	.5289933	.9598543	.3939123	1.726968
#1	5.498288	.9971387	1.068706	26.01343	7.281436	.2735851
#2	5.372681	.9992847	1.079873	26.36740	7.332580	.2824183
#3	5.360129	.9911967	1.076157	25.88358	7.330004	.2748231

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-17 Acquired: 06/28/2024 23:59:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001003	.5562320	5.134660	.0010699	1.362290	.3794919
Stddev	.000200	.0104737	.044342	.0003209	.009997	.0006512
%RSD	19.93887	1.882977	.8635808	29.99429	.7338740	.1716089
#1	-.001004	.5552418	5.116980	.0014193	1.356120	.3787520
#2	-.000803	.5462886	5.185114	.0007884	1.373825	.3797455
#3	-.001203	.5671657	5.101885	.0010019	1.356926	.3799782

Elem	Sr4077
Units	ppm
Avg	.3297453
Stddev	.0035789
%RSD	1.085361
#1	.3283600
#2	.3338098
#3	.3270660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.598	31984.97	4619.295	1055.235	2567.717
Stddev	1.625	191.18	21.671	7.945	8.712
%RSD	.0819575	.5977090	.4691490	.7529049	.3393007
#1	1984.379	32128.44	4638.096	1055.984	2577.741
#2	1982.217	32058.53	4595.593	1062.779	2561.965
#3	1981.197	31767.94	4624.196	1046.942	2563.446

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-18 Acquired: 06/29/2024 0:04:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8815664	-.020133	.8364750	-.152279	.0242644	190.6458
Stddev	.0027544	.003336	.0019679	.004776	.0046571	.5923
%RSD	.3124400	16.57178	.2352630	3.136601	19.19313	.3107016
#1	.8846353	-.017954	.8348574	-.155601	.0294652	191.2913
#2	.8793088	-.018471	.8359017	-.146805	.0228478	190.5186
#3	.8807551	-.023974	.8386659	-.154430	.0204800	190.1273

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.084011	.0063827	.0237704	25.97073	.5508824	.4056193
Stddev	.010904	.0002049	.0001624	.07788	.0021728	.0005935
%RSD	.3535532	3.210474	.6830597	.2998767	.3944158	.1463299
#1	3.095998	.0061571	.0237764	26.02182	.5533584	.4049808
#2	3.074682	.0065574	.0236051	25.88110	.5492936	.4057229
#3	3.081355	.0064335	.0239297	26.00928	.5499952	.4061542

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.450300	610.8921	F 45.99560	119.1996	.5677481	-.020148
Stddev	.002392	1.7880	.12094	.3342	.0011289	.000941
%RSD	.1649585	.2926820	.2629295	.2803756	.1988393	4.671334
#1	1.451594	612.9185	46.13523	119.3545	.5674580	-.021225
#2	1.451768	610.2210	45.92413	118.8160	.5667927	-.019737
#3	1.447540	609.5368	45.92743	119.4282	.5689938	-.019482

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.092489	1.126518	1.423890	45.24429	F 10.12504	.3063835
Stddev	.118016	.003458	.030418	.26541	.02482	.0047884
%RSD	5.639989	.3069849	2.136262	.5866240	.2451173	1.562880
#1	2.056359	1.128432	1.389021	45.25401	10.11365	.3111861
#2	2.224347	1.128596	1.444981	45.50472	10.10797	.3016095
#3	1.996761	1.122526	1.437669	44.97416	10.15351	.3063548

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-18 Acquired: 06/29/2024 0:04:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001995	.8382495	4.944783	.0027362	2.200534	.4035894
Stddev	.000275	.0118026	.044892	.0015589	.005953	.0014770
%RSD	13.79012	1.408010	.9078667	56.97262	.2705191	.3659537
#1	-.002266	.8354303	4.996248	.0029758	2.207408	.4037956
#2	-.001716	.8281117	4.924417	.0041613	2.197044	.4049524
#3	-.002002	.8512064	4.913684	.0010714	2.197151	.4020202

Elem	Sr4077
Units	ppm
Avg	.2399553
Stddev	.0008992
%RSD	.3747348
#1	.2403130
#2	.2406206
#3	.2389323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.500	32247.67	4645.642	1067.859	2541.181
Stddev	2.563	320.67	5.533	13.589	3.847
%RSD	.1283622	.9944089	.1191066	1.272523	.1513834
#1	1997.751	32608.98	4649.014	1083.458	2538.952
#2	1998.197	32137.18	4639.256	1061.530	2545.624
#3	1993.552	31996.84	4648.656	1058.589	2538.969

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-19 Acquired: 06/29/2024 0:08:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7222693	-.011211	.5187741	-.153715	.0274788	183.3832
Stddev	.0051096	.005732	.0067066	.003489	.0040713	.6078
%RSD	.7074427	51.12508	1.292776	2.269631	14.81615	.3314504
#1	.7204617	-.004682	.5145827	-.150085	.0321029	184.0593
#2	.7280371	-.015415	.5152306	-.157043	.0244329	183.2081
#3	.7183092	-.013536	.5265092	-.154017	.0259005	182.8821

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.452536	.0053097	.0199799	28.55066	.5172631	.3921767
Stddev	.012761	.0003213	.0004035	.14931	.0037973	.0023765
%RSD	.2866059	6.051330	2.019602	.5229552	.7341208	.6059859
#1	4.461975	.0056799	.0196585	28.65695	.5161294	.3913627
#2	4.438017	.0051454	.0198484	28.37995	.5214982	.3903142
#3	4.457615	.0051038	.0204327	28.61506	.5141618	.3948533

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.059411	632.3440	F 64.98905	120.8334	.5286720	-.021273
Stddev	.004184	2.1741	.21224	.1738	.0023780	.000609
%RSD	.3948925	.3438178	.3265755	.1438528	.4498061	2.860484
#1	1.060022	634.6843	65.23219	121.0039	.5268045	-.021092
#2	1.063255	631.9603	64.89404	120.8399	.5278623	-.020776
#3	1.054955	630.3872	64.84091	120.6564	.5313490	-.021952

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.018458	1.117881	1.555592	45.50607	F 11.01882	.3240843
Stddev	.263855	.001216	.004799	.45873	.05752	.0049028
%RSD	13.07211	.1087956	.3084972	1.008068	.5220276	1.512828
#1	1.847679	1.119214	1.553438	45.97711	10.99368	.3254876
#2	2.322355	1.116833	1.561091	45.48038	10.97814	.3186328
#3	1.885341	1.117595	1.552248	45.06072	11.08463	.3281324

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-19 Acquired: 06/29/2024 0:08:22 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5M6 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000365	.8739815	4.984619	.0015014	2.185313	.4273009
Stddev	.000918	.0174639	.078419	.0017420	.005727	.0053956
%RSD	251.4988	1.998201	1.573212	116.0224	.2620455	1.262712
#1	-.000256	.8552707	5.074130	.0021512	2.190481	.4293131
#2	-.001332	.8768242	4.951707	.0028252	2.179157	.4211883
#3	.000494	.8898497	4.928020	-.000472	2.186302	.4314011

Elem	Sr4077
Units	ppm
Avg	.3819254
Stddev	.0029165
%RSD	.7636322
#1	.3841742
#2	.3829719
#3	.3786300

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.588	32024.32	4615.793	1053.078	2553.367
Stddev	4.667	252.11	57.122	7.941	11.690
%RSD	.2352569	.7872534	1.237523	.7540780	.4578332
#1	1978.995	32148.08	4558.467	1057.296	2555.665
#2	1988.325	31734.25	4616.206	1043.918	2563.738
#3	1983.445	32190.64	4672.707	1058.020	2540.699

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-20 Acquired: 06/29/2024 0:12:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6364924	-.003962	.4042390	-.149579	.0239205	197.3227
Stddev	.0032470	.002768	.0024514	.008843	.0025696	.4753
%RSD	.5101347	69.86227	.6064261	5.911909	10.74215	.2408668
#1	.6331955	-.000778	.4027020	-.147826	.0263614	197.0883
#2	.6396870	-.005792	.4070661	-.159167	.0212391	197.8696
#3	.6365946	-.005315	.4029490	-.141743	.0241609	197.0101

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.394461	.0071154	.0174683	31.90918	.4394808	.5286926
Stddev	.008299	.0001924	.0004044	.07187	.0011014	.0006504
%RSD	.1538338	2.703670	2.315285	.2252438	.2506200	.1230203
#1	5.401419	.0073285	.0170983	31.84269	.4402853	.5285674
#2	5.385276	.0069546	.0174065	31.98544	.4399317	.5281140
#3	5.396688	.0070630	.0179001	31.89939	.4382255	.5293966

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.013266	621.2786	F 74.71021	116.9463	.6290294	-.022131
Stddev	.000894	1.4134	.08069	.4593	.0004837	.000123
%RSD	.0882580	.2274941	.1080023	.3927731	.0768986	.5569910
#1	1.012999	620.7831	74.70387	116.6723	.6291653	-.022273
#2	1.014264	622.8729	74.79388	117.4766	.6294307	-.022047
#3	1.012536	620.1796	74.63288	116.6900	.6284923	-.022074

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.323314	.9789365	1.395610	37.41221	F 11.20247	.3154544
Stddev	.098611	.0047906	.016598	.23591	.04779	.0045196
%RSD	4.244407	.4893688	1.189288	.6305818	.4266368	1.432737
#1	2.219809	.9738148	1.380090	37.53411	11.19366	.3121162
#2	2.416166	.9796873	1.393631	37.56225	11.15970	.3136493
#3	2.333967	.9833073	1.413109	37.14029	11.25406	.3205976

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-20 Acquired: 06/29/2024 0:12:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010443	.7335528	3.359885	.0026466	1.542059	.5066559
Stddev	.0005404	.0204149	.030179	.0020037	.011632	.0016643
%RSD	51.74711	2.783018	.8982250	75.70725	.7543262	.3284917
#1	.0007801	.7120156	3.383408	.0003330	1.534054	.5085752
#2	.0016659	.7360220	3.370390	.0038006	1.555402	.5057805
#3	.0006868	.7526208	3.325858	.0038061	1.536720	.5056119

Elem	Sr4077
Units	ppm
Avg	.3611798
Stddev	.0028268
%RSD	.7826522
#1	.3616142
#2	.3637642
#3	.3581610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.652	32423.60	4706.470	1071.930	2551.229
Stddev	4.768	23.67	35.180	1.462	4.946
%RSD	.2361981	.0730082	.7474736	.1363700	.1938569
#1	2015.155	32435.77	4685.400	1070.388	2550.162
#2	2024.084	32396.32	4686.928	1073.295	2556.621
#3	2016.718	32438.72	4747.082	1072.108	2546.904

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-21 Acquired: 06/29/2024 0:17:00 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5M8 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7985056	-.019737	.3182703	-.106082	.0188624	151.5994
Stddev	.0083656	.002422	.0040679	.006437	.0033011	.3230
%RSD	1.047660	12.26995	1.278116	6.068085	17.50095	.2130910
#1	.7902321	-.017153	.3205015	-.104463	.0174339	151.9644
#2	.7983244	-.020102	.3135751	-.100610	.0226372	151.3503
#3	.8069604	-.021955	.3207344	-.113175	.0165162	151.4834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.683849	.0052383	.0173023	30.58663	.4785848	.3337388
Stddev	.002816	.0001103	.0001842	.06575	.0008921	.0009577
%RSD	.1049320	2.106039	1.064377	.2149659	.1863963	.2869708
#1	2.684986	.0051296	.0171133	30.53570	.4775683	.3335540
#2	2.680642	.0052352	.0173122	30.56334	.4792372	.3328869
#3	2.685919	.0053502	.0174813	30.66086	.4789490	.3347754

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.046146	475.8316	F 34.71116	95.10260	.4712824	-.016538
Stddev	.004094	1.3825	.05550	.08449	.0007870	.000113
%RSD	.3913547	.2905392	.1598865	.0888363	.1669933	.6832170
#1	1.047352	476.5905	34.73378	95.19566	.4709312	-.016664
#2	1.041584	474.2359	34.64792	95.03072	.4707321	-.016447
#3	1.049500	476.6684	34.75177	95.08140	.4721838	-.016502

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.799357	.9582702	1.049253	30.63841	8.387180	.2514615
Stddev	.199957	.0067366	.008317	.22929	.005630	.0048422
%RSD	11.11269	.7029929	.7926560	.7483645	.0671212	1.925625
#1	1.765088	.9582281	1.039658	30.88051	8.380706	.2561862
#2	2.014235	.9650277	1.054403	30.42456	8.390928	.2516886
#3	1.618750	.9515548	1.053699	30.61017	8.389904	.2465098

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-21 Acquired: 06/29/2024 0:17:00 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5M8 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001403	.8568534	4.249784	.0011676	1.376172	.3246822
Stddev	.000386	.0033150	.009250	.0011151	.003441	.0036601
%RSD	27.50988	.3868824	.2176472	95.49869	.2500239	1.127300
#1	-.001610	.8568416	4.240569	.0010599	1.379413	.3251283
#2	-.001642	.8535444	4.249714	.0023326	1.372561	.3208195
#3	-.000958	.8601744	4.259068	.0001103	1.376541	.3280989

Elem	Sr4077
Units	ppm
Avg	.2365600
Stddev	.0009548
%RSD	.4036144
#1	.2374352
#2	.2355418
#3	.2367030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.265	32131.58	4618.339	1061.838	2599.003
Stddev	3.615	103.26	18.207	3.069	8.386
%RSD	.1808312	.3213676	.3942262	.2890043	.3226602
#1	1999.316	32054.96	4626.679	1060.764	2598.931
#2	2002.854	32249.01	4630.881	1065.300	2607.424
#3	1995.624	32090.78	4597.456	1059.451	2590.653

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-22 Acquired: 06/29/2024 0:21:20 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5M9 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5851890	-.008399	.5760808	-.144018	.0247693	141.6315
Stddev	.0108522	.003016	.0021542	.004381	.0021121	.6744
%RSD	1.854483	35.90490	.3739438	3.041863	8.527134	.4761868
#1	.5762816	-.005574	.5757053	-.145449	.0263541	140.8943
#2	.5820094	-.011575	.5741389	-.147505	.0223715	142.2175
#3	.5972758	-.008049	.5783980	-.139101	.0255824	141.7827

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.613074	.0061048	.0202255	20.97084	.3660345	.3680155
Stddev	.017082	.0001609	.0001899	.05652	.0014133	.0009552
%RSD	.3702987	2.635834	.9387157	.2695275	.3861199	.2595580
#1	4.593448	.0062150	.0200832	20.90938	.3676427	.3676085
#2	4.624591	.0061793	.0201523	21.02060	.3654710	.3673312
#3	4.621185	.0059202	.0204411	20.98253	.3649898	.3691068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.253520	594.0426	F 64.51845	79.54716	.4390311	-.017642
Stddev	.004815	2.3959	.20066	.31246	.0017854	.000640
%RSD	.3841310	.4033132	.3110085	.3928011	.4066587	3.629631
#1	1.248205	591.5000	64.29802	79.18917	.4371310	-.018299
#2	1.257592	596.2581	64.69050	79.68721	.4392885	-.017020
#3	1.254763	594.3696	64.56682	79.76510	.4406738	-.017609

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.025746	.8147206	1.284576	35.37117	8.261352	.2865392
Stddev	.339715	.0032279	.004542	.26820	.031047	.0016395
%RSD	16.76985	.3961916	.3535714	.7582442	.3758085	.5721846
#1	1.935176	.8118596	1.280158	35.27949	8.227137	.2847800
#2	2.401567	.8182199	1.284336	35.67318	8.269193	.2880246
#3	1.740495	.8140823	1.289233	35.16082	8.287727	.2868131

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-22 Acquired: 06/29/2024 0:21:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000650	.5470801	4.763049	.0027321	1.795009	.3551718
Stddev	.000692	.0030997	.019611	.0000704	.009019	.0023308
%RSD	106.4071	.5665830	.4117390	2.574980	.5024765	.6562381
#1	-.000600	.5455621	4.769033	.0027315	1.786015	.3529437
#2	.000015	.5506462	4.778972	.0026621	1.804054	.3549785
#3	-.001365	.5450320	4.741143	.0028028	1.794959	.3575932

Elem	Sr4077
Units	ppm
Avg	.2826566
Stddev	.0016966
%RSD	.6002288
#1	.2808851
#2	.2842667
#3	.2828181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.871	32119.02	4606.708	1064.416	2576.846
Stddev	3.915	52.28	9.924	6.265	6.177
%RSD	.1966662	.1627731	.2154258	.5886181	.2396992
#1	1992.080	32162.42	4618.166	1070.163	2580.858
#2	1994.039	32133.66	4600.885	1065.349	2579.947
#3	1986.493	32060.98	4601.072	1057.737	2569.733

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-01 Acquired: 06/29/2024 0:25:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7042909	-.005711	.4486051	-.114612	.0244060	173.8033
Stddev	.0094632	.001479	.0018993	.006663	.0048427	.7129
%RSD	1.343647	25.89321	.4233799	5.813870	19.84231	.4101853
#1	.6977324	-.004528	.4467067	-.120124	.0249626	174.1248
#2	.7000010	-.005237	.4505053	-.116504	.0289464	172.9863
#3	.7151392	-.007369	.4486032	-.107207	.0193091	174.2988

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.197769	.0038248	.0160908	44.28053	.6045513	.4052612
Stddev	.011975	.0000497	.0002733	.16111	.0015970	.0014536
%RSD	.3744803	1.299491	1.698428	.3638363	.2641567	.3586880
#1	3.206918	.0038423	.0159218	44.37365	.6027253	.4038115
#2	3.184216	.0038633	.0164061	44.09449	.6052413	.4067187
#3	3.202174	.0037687	.0159445	44.37344	.6056872	.4052533

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7234576	528.8441	F 62.90544	119.3186	.5319805	-.012739
Stddev	.0002977	1.1669	.13547	.2847	.0035415	.000932
%RSD	.0411493	.2206575	.2153621	.2385974	.6657251	7.314882
#1	.7232180	529.1218	62.93893	119.4313	.5289735	-.013813
#2	.7233639	527.5633	62.75636	118.9948	.5358842	-.012253
#3	.7237909	529.8471	63.02103	119.5297	.5310838	-.012150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003567	1.024937	1.272705	37.45864	F 10.33551	.2505206
Stddev	.198909	.005111	.004336	.22282	.07825	.0014551
%RSD	9.927751	.4986799	.3406648	.5948363	.7571163	.5808231
#1	2.230043	1.030632	1.272009	37.26315	10.25243	.2499511
#2	1.923443	1.020747	1.268759	37.41153	10.40781	.2494363
#3	1.857216	1.023433	1.277347	37.70125	10.34628	.2521743

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-01 Acquired: 06/29/2024 0:25:41 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5K5 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026776	1.697407	2.221299	-.000067	1.864809	.4242525
Stddev	.0000927	.018030	.007688	.001275	.004014	.0021171
%RSD	3.463638	1.062193	.3461175	1897.859	.2152439	.4990204
#1	.0026255	1.684428	2.229646	.000711	1.867340	.4234853
#2	.0026226	1.717994	2.219744	-.001539	1.860181	.4226260
#3	.0027847	1.689798	2.214507	.000627	1.866906	.4266463

Elem	Sr4077
Units	ppm
Avg	.4080109
Stddev	.0016093
%RSD	.3944296
#1	.4066163
#2	.4076446
#3	.4097718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1898.563	30789.91	4527.166	1019.378	2439.229
Stddev	8.418	14.68	6.827	1.917	13.610
%RSD	.4433814	.0476824	.1507913	.1880784	.5579650
#1	1902.457	30806.83	4534.541	1019.436	2447.704
#2	1888.904	30782.27	4521.068	1017.433	2423.530
#3	1904.329	30780.61	4525.889	1021.266	2446.453

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-02 Acquired: 06/29/2024 0:30:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7486416	-.001493	.4446218	-.129108	.0308609	191.7420
Stddev	.0023491	.002193	.0030990	.005478	.0027850	.9713
%RSD	.3137888	146.8260	.6969993	4.242891	9.024491	.5065794
#1	.7509267	-.003316	.4480806	-.131759	.0324258	191.5137
#2	.7487647	-.002103	.4436870	-.132755	.0276454	190.9051
#3	.7462332	.000940	.4420978	-.122809	.0325115	192.8071

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.741749	.0040166	.0189803	48.60367	.6405019	.4496061
Stddev	.014447	.0001785	.0003100	.14600	.0014505	.0010914
%RSD	.3860938	4.443389	1.633472	.3003902	.2264671	.2427554
#1	3.740961	.0041005	.0186532	48.55701	.6389813	.4483681
#2	3.727713	.0041376	.0190179	48.48671	.6418704	.4500204
#3	3.756574	.0038116	.0192699	48.76730	.6406539	.4504297

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7994670	571.1387	F 72.16649	131.6604	.5926249	-.012477
Stddev	.0048832	1.0913	.11206	.4426	.0026243	.000135
%RSD	.6108017	.1910682	.1552790	.3361496	.4428315	1.079728
#1	.7989276	571.0298	72.16976	131.4370	.5898851	-.012613
#2	.7948759	570.1059	72.05284	131.3740	.5928736	-.012343
#3	.8045974	572.2803	72.27689	132.1702	.5951161	-.012475

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020652	1.122733	1.377769	41.35150	F 11.38311	.2555380
Stddev	.220578	.010020	.024623	.18207	.03456	.0026191
%RSD	10.91616	.8925088	1.787190	.4403088	.3035760	1.024923
#1	2.176119	1.124901	1.405654	41.21309	11.34357	.2564124
#2	1.768199	1.111807	1.359018	41.28365	11.40754	.2525936
#3	2.117637	1.131493	1.368636	41.55775	11.39822	.2576080

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-02 Acquired: 06/29/2024 0:30:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037413	1.942270	3.153649	-.000163	2.038211	.4737762
Stddev	.0009236	.008318	.015504	.002451	.017246	.0011598
%RSD	24.68638	.4282842	.4916301	1503.051	.8461261	.2448053
#1	.0027976	1.949393	3.140847	-.002961	2.040380	.4727784
#2	.0046433	1.944289	3.170888	.001602	2.019983	.4735014
#3	.0037830	1.933128	3.149213	.000870	2.054270	.4750487

Elem	Sr4077
Units	ppm
Avg	.4809079
Stddev	.0030261
%RSD	.6292533
#1	.4794146
#2	.4789188
#3	.4843905

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.858	31231.86	4602.650	1034.972	2426.925
Stddev	2.366	265.33	14.470	12.382	6.682
%RSD	.1228557	.8495651	.3143901	1.196401	.2753184
#1	1926.490	30941.85	4602.897	1020.768	2433.280
#2	1923.240	31291.29	4588.058	1040.657	2419.959
#3	1927.844	31462.44	4616.996	1043.492	2427.536

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-01LX5 Acquired: 06/29/2024 0:34:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1407626	.0001872	.0911346	-.027713	.0052784	37.68394	.6959966
Stddev	.0070593	.0018063	.0025554	.002537	.0006144	.06758	.0020079
%RSD	5.015048	964.8338	2.803994	9.156298	11.63990	.1793369	.2884871
#1	.1471258	-.001494	.0918467	-.026337	.0050453	37.75321	.6970600
#2	.1419932	.002097	.0932584	-.026160	.0048146	37.61819	.6936807
#3	.1331690	-.000042	.0882987	-.030641	.0059752	37.68041	.6972492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009216	.0023040	9.938328	.1350847	.0811484	.1681398	120.4817
Stddev	.0001474	.0000782	.022454	.0011630	.0003121	.0013803	.2861
%RSD	15.99325	3.395792	.2259298	.8609532	.3845978	.8208970	.2374601
#1	.0007928	.0023031	9.934893	.1364113	.0812484	.1683234	120.8120
#2	.0010823	.0022261	9.917789	.1346023	.0807986	.1666769	120.3219
#3	.0008898	.0023826	9.962301	.1342406	.0813983	.1694190	120.3111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.37321	26.14014	.1080098	-.002562	.4000624	.2314190	.2755918
Stddev	.02738	.05446	.0005101	.000142	.0597435	.0036915	.0083231
%RSD	.1904646	.2083442	.4723056	5.552528	14.93355	1.595172	3.020097
#1	14.40481	26.17799	.1074677	-.002401	.4495808	.2281888	.2725134
#2	14.35698	26.16472	.1084804	-.002670	.4168993	.2306254	.2692463
#3	14.35782	26.07773	.1080815	-.002615	.3337072	.2354428	.2850156

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.865476	2.059574	.0556784	-.000195	.3351235	.5213011	.0021518
Stddev	.054979	.005154	.0027145	.000477	.0096391	.0042259	.0005880
%RSD	.6989921	.2502465	4.875329	244.9791	2.876294	.8106463	27.32523
#1	7.928876	2.058660	.0536211	-.000738	.3410233	.5177886	.0026821
#2	7.830947	2.054938	.0546590	.000157	.3240000	.5259908	.0015195
#3	7.836605	2.065124	.0587550	-.000004	.3403471	.5201239	.0022539

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-01LX5 Acquired: 06/29/2024 0:34:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4156446	.1174855	.0917159
Stddev	.0012036	.0009846	.0002693
%RSD	.2895851	.8380905	.2936255
#1	.4168470	.1183832	.0919956
#2	.4156471	.1176410	.0916937
#3	.4144397	.1164324	.0914583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.149	30776.49	4299.399	1020.844	2741.324
Stddev	2.982	102.15	13.274	1.670	6.086
%RSD	.1576088	.3318958	.3087457	.1635607	.2220187
#1	1889.153	30763.76	4299.695	1022.682	2734.568
#2	1892.176	30681.30	4285.979	1019.420	2746.378
#3	1895.118	30884.40	4312.523	1020.431	2743.026

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-03 Acquired: 06/29/2024 0:38:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8989989	.0708358	.3280812	-.066052	.1707418	240.5922
Stddev	.0021192	.0037305	.0051277	.008528	.0022923	2.1848
%RSD	.2357324	5.266410	1.562928	12.91108	1.342546	.9080884
#1	.9006463	.0735197	.3320104	-.060862	.1730660	238.1976
#2	.8997423	.0724117	.3222807	-.061399	.1684828	242.4769
#3	.8966081	.0665759	.3299525	-.075894	.1706766	241.1021

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.392993	.0906614	.1129216	55.84735	1.310359	1.363089
Stddev	.038181	.0002128	.0004641	.32606	.001419	.003450
%RSD	.5972302	.2347370	.4109738	.5838349	.1083049	.2530744
#1	6.358436	.0904748	.1133526	55.58832	1.308800	1.360524
#2	6.433981	.0906163	.1124303	56.21349	1.311574	1.361733
#3	6.386562	.0908932	.1129819	55.74024	1.310704	1.367011

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.252440	619.6849	F 56.30028	168.4755	1.643146	.0561227
Stddev	.009605	4.1345	.30176	.8462	.003795	.0011915
%RSD	.7669005	.6671925	.5359857	.5022531	.2309516	2.123103
#1	1.241853	615.4726	55.99892	167.8227	1.641291	.0549877
#2	1.260596	623.7370	56.60244	169.4315	1.640635	.0573637
#3	1.254872	619.8451	56.29949	168.1723	1.647511	.0560166

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.380111	2.185087	2.266789	49.73470	F 12.15698	.2938465
Stddev	.282154	.016633	.020664	.38933	.01034	.0053835
%RSD	11.85466	.7611933	.9115758	.7828055	.0850306	1.832071
#1	2.065925	2.167822	2.247315	49.32474	12.14867	.2890243
#2	2.462532	2.201006	2.264588	50.09944	12.16855	.2996549
#3	2.611878	2.186433	2.288466	49.77992	12.15370	.2928604

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-03 Acquired: 06/29/2024 0:38:48 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5K5S Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4587414	2.155669	3.561123	-.001288	2.008509	.5011909
Stddev	.0007430	.010105	.001818	.001128	.021311	.0047574
%RSD	.1619760	.4687487	.0510405	87.56517	1.061054	.9492140
#1	.4578971	2.167089	3.559495	-.000432	1.984635	.5011693
#2	.4590314	2.147886	3.560789	-.002567	2.025613	.5059590
#3	.4592958	2.152033	3.563084	-.000866	2.015280	.4964444

Elem	Sr4077
Units	ppm
Avg	.4775843
Stddev	.0045587
%RSD	.9545247
#1	.4724026
#2	.4809775
#3	.4793729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.168	31933.70	4500.173	1040.341	2412.460
Stddev	1.495	99.66	14.481	3.958	3.101
%RSD	.0780702	.3120974	.3217772	.3804491	.1285215
#1	1916.649	32006.56	4516.211	1044.186	2414.667
#2	1915.196	31820.12	4488.060	1040.557	2413.797
#3	1913.659	31974.42	4496.247	1036.279	2408.915

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-04 Acquired: 06/29/2024 0:43:05 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5N0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4569582	-.017715	.1179867	-.098548	.0188725	182.1471	1.381350
Stddev	.0042302	.003263	.0022494	.010206	.0033686	.4823	.000968
%RSD	.9257344	18.42175	1.906462	10.35621	17.84939	.2647658	.0700527
#1	.4617448	-.018974	.1205802	-.110332	.0188609	181.6167	1.381210
#2	.4554079	-.014010	.1165672	-.092549	.0155098	182.2657	1.380460
#3	.4537217	-.020163	.1168127	-.092763	.0222470	182.5591	1.382380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035065	.0088075	38.79163	.5656748	.3013359	.5105118	462.5526
Stddev	.0002123	.0003777	.05957	.0027334	.0001037	.0021578	1.5198
%RSD	6.053974	4.287944	.1535718	.4832172	.0344065	.4226752	.3285603
#1	.0032812	.0087240	38.74251	.5686949	.3014365	.5114081	460.7978
#2	.0037028	.0092199	38.77450	.5633704	.3012294	.5120771	463.4360
#3	.0035355	.0084786	38.85790	.5649592	.3013417	.5080503	463.4241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.78605	132.7412	.4692377	-.009588	1.475114	1.056498	.7878103
Stddev	.08489	.4641	.0016609	.000236	.408827	.005361	.0165320
%RSD	.3169091	.3496242	.3539493	2.465375	27.71494	.5073957	2.098476
#1	26.68964	132.2096	.4710495	-.009384	1.293123	1.050736	.7725278
#2	26.81894	132.9480	.4688761	-.009534	1.943335	1.057419	.8053581
#3	26.84958	133.0659	.4677873	-.009847	1.188884	1.061338	.7855449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.02487	6.728262	.2162537	-.001315	.6576137	2.334609	-.001303
Stddev	.14477	.022981	.0043789	.000080	.0034311	.019506	.000889
%RSD	.5784890	.3415535	2.024892	6.111087	.5217429	.8355058	68.21630
#1	24.87981	6.704095	.2112884	-.001234	.6583979	2.333212	-.002289
#2	25.02547	6.749837	.2179094	-.001394	.6538584	2.315840	-.000565
#3	25.16934	6.730853	.2195633	-.001317	.6605848	2.354776	-.001054

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-04 Acquired: 06/29/2024 0:43:05 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5N0 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.520835	.3330330	.2688387
Stddev	.003115	.0018564	.0005939
%RSD	.2048335	.5574087	.2209321
#1	1.517242	.3348667	.2682710
#2	1.522774	.3330773	.2687894
#3	1.522490	.3311548	.2694558

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.881	30990.52	4322.585	1022.261	2490.276
Stddev	4.643	135.33	1.261	7.947	1.555
%RSD	.2478878	.4366659	.0291756	.7774090	.0624519
#1	1874.310	30966.44	4321.722	1021.854	2488.608
#2	1876.640	30868.86	4324.033	1014.525	2490.533
#3	1867.691	31136.27	4322.001	1030.404	2491.686

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-05 Acquired: 06/29/2024 0:47:27 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5N1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7880436	-.015628	.1440192	-.111624	.0208943	208.4866
Stddev	.0065748	.000634	.0013257	.003901	.0057272	.8890
%RSD	.8343236	4.057984	.9205060	3.495148	27.41037	.4264170
#1	.7860238	-.016355	.1446071	-.114537	.0255418	208.0183
#2	.7827156	-.015187	.1425012	-.113143	.0226451	207.9297
#3	.7953914	-.015342	.1449493	-.107191	.0144961	209.5119

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.277835	.0032681	.0129227	38.02980	.6886174	.3579954
Stddev	.007678	.0001353	.0002702	.12721	.0023112	.0000944
%RSD	.2342498	4.138851	2.090665	.3344950	.3356235	.0263682
#1	3.280515	.0033570	.0126396	38.05840	.6859947	.3579132
#2	3.269176	.0033347	.0131778	37.89072	.6903558	.3580985
#3	3.283814	.0031124	.0129507	38.14027	.6895018	.3579745

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6643752	513.8070	F 46.85741	151.5208	.5740317	-.011063
Stddev	.0067133	2.0828	.14140	.5436	.0004872	.000502
%RSD	1.010473	.4053646	.3017653	.3587544	.0848688	4.535599
#1	.6579544	512.6738	46.86024	151.2344	.5742145	-.011397
#2	.6638242	512.5364	46.71461	151.1804	.5734796	-.011307
#3	.6713471	516.2107	46.99737	152.1478	.5744012	-.010486

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.700802	1.264091	.9037983	39.24207	9.349408	.2389214
Stddev	.182626	.004341	.0060424	.33335	.025915	.0040661
%RSD	10.73764	.3434203	.6685600	.8494640	.2771829	1.701840
#1	1.585238	1.264793	.8981161	38.97347	9.353253	.2390412
#2	1.911345	1.259441	.9101459	39.13760	9.321786	.2347967
#3	1.605822	1.268038	.9031330	39.61514	9.373186	.2429262

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-05 Acquired: 06/29/2024 0:47:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000195	1.054574	2.595777	-.002191	1.673406	.4012265
Stddev	.000747	.009483	.006399	.001262	.005280	.0007742
%RSD	382.8621	.8992145	.2465233	57.57739	.3155379	.1929531
#1	-.000866	1.052830	2.602429	-.000775	1.671533	.4020458
#2	-.000330	1.046084	2.595237	-.002604	1.669318	.4011264
#3	.000611	1.064807	2.589665	-.003194	1.679367	.4005072

Elem	Sr4077
Units	ppm
Avg	.3259229
Stddev	.0022885
%RSD	.7021466
#1	.3241476
#2	.3251155
#3	.3285056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.616	31449.76	4448.879	1027.601	2452.909
Stddev	2.209	11.83	2.229	3.821	2.436
%RSD	.1158994	.0376001	.0501054	.3718175	.0992953
#1	1906.632	31452.55	4446.434	1023.241	2455.717
#2	1903.083	31459.94	4449.406	1030.368	2451.629
#3	1907.135	31436.79	4450.797	1029.193	2451.380

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-06 Acquired: 06/29/2024 0:51:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2957301	-.004435	.3824501	-.065813	.0132622	85.28296
Stddev	.0059308	.001252	.0033250	.006080	.0016053	1.11443
%RSD	2.005477	28.23487	.8693927	9.238793	12.10421	1.306739
#1	.2899034	-.003072	.3861855	-.067727	.0139108	84.30654
#2	.2955271	-.005535	.3813507	-.070705	.0144418	86.49705
#3	.3017598	-.004698	.3798140	-.059006	.0114341	85.04530

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.826790	.0034101	.0113421	18.23901	.2332031	.1780369
Stddev	.025230	.0001295	.0001299	.14144	.0011380	.0003825
%RSD	.8925267	3.798273	1.145708	.7754989	.4879837	.2148416
#1	2.799571	.0033373	.0113572	18.09882	.2323258	.1776373
#2	2.849393	.0035597	.0112053	18.38167	.2344890	.1780736
#3	2.831406	.0033335	.0114639	18.23654	.2327946	.1783997

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6294713	304.3551	F 31.46542	50.19522	.2420622	-.003604
Stddev	.0093146	3.1095	.25695	.48479	.0009142	.000445
%RSD	1.479752	1.021662	.8166152	.9658137	.3776702	12.34877
#1	.6218282	301.6037	31.23248	49.77054	.2430865	-.003745
#2	.6398464	307.7286	31.74104	50.72341	.2413291	-.003105
#3	.6267394	303.7331	31.42274	50.09171	.2417710	-.003961

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.164589	.4617381	.9578970	23.09247	5.437801	.1355186
Stddev	.227237	.0063653	.0056902	.42594	.006653	.0013929
%RSD	19.51223	1.378549	.5940265	1.844516	.1223385	1.027830
#1	.908435	.4544079	.9644389	22.78338	5.430131	.1341749
#2	1.341915	.4649367	.9551560	23.57834	5.442000	.1369560
#3	1.243419	.4658698	.9540962	22.91569	5.441273	.1354248

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-06 Acquired: 06/29/2024 0:51:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020469	.6259341	2.436115	.0009355	1.656701	.2179031
Stddev	.0003526	.0026906	.025447	.0002294	.022895	.0012839
%RSD	17.22424	.4298532	1.044573	24.52595	1.381961	.5892026
#1	.0017273	.6237561	2.421020	.0008876	1.633912	.2181201
#2	.0019884	.6251045	2.465495	.0007338	1.679701	.2165245
#3	.0024251	.6289419	2.421831	.0011851	1.656491	.2190647

Elem	Sr4077
Units	ppm
Avg	.1419889
Stddev	.0023047
%RSD	1.623190
#1	.1404670
#2	.1446406
#3	.1408592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1875.864	30869.72	4349.978	1020.172	2607.065
Stddev	2.098	97.05	33.256	6.068	5.574
%RSD	.1118503	.3143931	.7645123	.5948415	.2137850
#1	1873.516	30783.90	4364.716	1013.200	2604.038
#2	1877.554	30850.22	4311.899	1024.268	2613.497
#3	1876.522	30975.04	4373.318	1023.047	2603.661

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-07 Acquired: 06/29/2024 0:56:13 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5N3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5603917	.0025231	.5717064	-.123859	.0205475	163.3658
Stddev	.0082560	.0038332	.0018899	.008213	.0041988	.5227
%RSD	1.473264	151.9233	.3305713	6.630570	20.43456	.3199618
#1	.5619218	-.000367	.5696676	-.117439	.0235200	162.9689
#2	.5677755	.001065	.5733998	-.121024	.0223783	163.9581
#3	.5514775	.006871	.5720517	-.133113	.0157442	163.1705

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.417631	.0049575	.0232807	38.97571	.4408434	.3932648
Stddev	.008178	.0001755	.0002139	.05803	.0010432	.0014557
%RSD	.1509498	3.539788	.9188066	.1488794	.2366479	.3701577
#1	5.409212	.0047562	.0233334	38.90970	.4419141	.3929934
#2	5.425545	.0050376	.0234633	39.01865	.4407862	.3948371
#3	5.418136	.0050786	.0230454	38.99878	.4398299	.3919640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9440749	551.9656	F 79.55308	101.7110	.5086325	-.006877
Stddev	.0050939	.4491	.01407	.3278	.0030965	.000188
%RSD	.5395664	.0813654	.0176869	.3222525	.6087967	2.735643
#1	.9383277	551.4627	79.54916	101.3514	.5101392	-.006997
#2	.9480326	552.3267	79.56870	101.9931	.5106873	-.006973
#3	.9458644	552.1075	79.54139	101.7883	.5050710	-.006660

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.848030	.9362475	1.539600	46.46029	F 13.79991	.2357825
Stddev	.392804	.0021327	.016408	.18380	.01017	.0033744
%RSD	21.25530	.2277944	1.065700	.3956095	.0736912	1.431152
#1	2.181265	.9339336	1.520716	46.26044	13.81039	.2334261
#2	1.947891	.9381344	1.550366	46.62208	13.79009	.2342732
#3	1.414933	.9366744	1.547717	46.49835	13.79926	.2396481

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-07 Acquired: 06/29/2024 0:56:13 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5N3 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012115	1.413433	2.562572	.0010101	2.246091	.3751811
Stddev	.0005128	.004880	.023053	.0009076	.002667	.0020452
%RSD	42.32893	.3452723	.8996130	89.84655	.1187345	.5451310
#1	.0007057	1.419042	2.585755	.0000114	2.243083	.3744451
#2	.0017310	1.411094	2.562312	.0017844	2.248166	.3774925
#3	.0011978	1.410162	2.539651	.0012346	2.247023	.3736058

Elem	Sr4077
Units	ppm
Avg	.4032802
Stddev	.0013213
%RSD	.3276349
#1	.4023392
#2	.4047907
#3	.4027107

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.227	32047.31	4537.468	1049.073	2463.703
Stddev	5.379	32.76	11.200	4.070	9.045
%RSD	.2785376	.1022374	.2468417	.3879413	.3671259
#1	1927.401	32052.54	4526.511	1053.621	2458.801
#2	1928.903	32077.15	4536.997	1047.827	2458.167
#3	1937.378	32012.25	4548.896	1045.773	2474.140

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-08 Acquired: 06/29/2024 1:00:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7175168	.0042038	.7462434	-.127073	.0240116	184.6124
Stddev	.0106279	.0039073	.0022398	.007090	.0015917	1.2482
%RSD	1.481208	92.94626	.3001371	5.579394	6.628837	.6761380
#1	.7199769	.0025457	.7446940	-.133045	.0221767	183.1797
#2	.7266989	.0013990	.7488114	-.128937	.0250211	185.4658
#3	.7058745	.0086667	.7452247	-.119238	.0248370	185.1916

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.166759	.0059707	.0273854	29.33014	.4624527	.4658759
Stddev	.020702	.0002780	.0003665	.10854	.0028376	.0018028
%RSD	.3357054	4.656318	1.338347	.3700585	.6135913	.3869691
#1	6.144862	.0056590	.0276000	29.21699	.4651966	.4660154
#2	6.169403	.0060600	.0269623	29.34004	.4626318	.4640074
#3	6.186012	.0061930	.0275941	29.43339	.4595299	.4676049

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.298755	551.4014	F 81.21535	110.3628	.6018916	-.008187
Stddev	.004579	3.1778	.38958	.6092	.0019038	.000421
%RSD	.3525688	.5763151	.4796929	.5519740	.3163113	5.136675
#1	1.296655	547.7388	80.77158	109.6642	.6016500	-.008546
#2	1.304007	553.0390	81.37341	110.6412	.6001201	-.007724
#3	1.295602	553.4264	81.50107	110.7831	.6039048	-.008291

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.942976	.9695578	1.617192	37.40821	9.591319	.2303056
Stddev	.030770	.0089408	.016409	.24484	.033445	.0062633
%RSD	1.583679	.9221476	1.014651	.6545121	.3486993	2.719573
#1	1.961722	.9607538	1.601671	37.15532	9.609633	.2230747
#2	1.907463	.9786293	1.634364	37.64412	9.552717	.2340422
#3	1.959741	.9692904	1.615540	37.42518	9.611607	.2337999

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-08 Acquired: 06/29/2024 1:00:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026970	.7180119	2.541880	.0021653	2.284424	.4545431
Stddev	.0001148	.0115523	.015516	.0018738	.023345	.0029473
%RSD	4.257279	1.608926	.6104255	86.53401	1.021927	.6484173
#1	.0026766	.7062177	2.549553	.0028157	2.257617	.4575210
#2	.0028207	.7293061	2.524022	.0000531	2.295372	.4516273
#3	.0025938	.7185118	2.552065	.0036272	2.300282	.4544808

Elem	Sr4077
Units	ppm
Avg	.3394979
Stddev	.0017226
%RSD	.5074056
#1	.3375158
#2	.3406334
#3	.3403446

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.691	32448.04	4542.464	1067.062	2475.432
Stddev	6.296	77.89	18.420	3.803	8.222
%RSD	.3204337	.2400583	.4054990	.3564455	.3321578
#1	1968.163	32520.33	4544.586	1071.335	2474.683
#2	1968.486	32365.55	4559.730	1065.804	2484.004
#3	1957.424	32458.25	4523.075	1064.046	2467.610

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-09 Acquired: 06/29/2024 1:04:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5898375	.0011029	.4649293	-.099612	.0194039	137.8205
Stddev	.0101238	.0012097	.0052153	.001886	.0027355	.3344
%RSD	1.716366	109.6825	1.121738	1.893076	14.09796	.2426355
#1	.5885541	.0006062	.4623806	-.101265	.0224847	138.1630
#2	.6005418	.0024820	.4709288	-.100013	.0184673	137.4948
#3	.5804167	.0002207	.4614785	-.097558	.0172597	137.8037

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.976812	.0038456	.0132183	25.94779	.3415086	.3334353
Stddev	.007317	.0000790	.0000552	.04228	.0023496	.0006953
%RSD	.1470315	2.054981	.4173249	.1629429	.6879936	.2085355
#1	4.981952	.0038002	.0131849	25.99638	.3409610	.3331516
#2	4.980050	.0037997	.0132820	25.92760	.3394811	.3329266
#3	4.968434	.0039368	.0131881	25.91938	.3440835	.3342276

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8946602	468.1892	F 65.00687	85.47208	.3923578	-.008875
Stddev	.0021598	1.0083	.11282	.12091	.0003144	.000259
%RSD	.2414117	.2153681	.1735585	.1414609	.0801216	2.918846
#1	.8942123	469.3193	65.11655	85.61168	.3920989	-.008672
#2	.8970088	467.8667	65.01291	85.40434	.3927076	-.009166
#3	.8927594	467.3816	64.89114	85.40024	.3922667	-.008786

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.677449	.7698494	1.093348	23.21802	6.858722	.2141588
Stddev	.114766	.0059358	.023792	.06337	.014749	.0018938
%RSD	6.841702	.7710323	2.176089	.2729217	.2150412	.8842828
#1	1.650703	.7762018	1.103312	23.28580	6.850143	.2135070
#2	1.578417	.7689024	1.066194	23.16025	6.875753	.2162924
#3	1.803226	.7644441	1.110539	23.20801	6.850271	.2126771

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-09 Acquired: 06/29/2024 1:04:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050905	.5170664	2.560007	.0002749	1.991112	.3614053
Stddev	.0004918	.0105115	.008830	.0009562	.002250	.0007214
%RSD	9.662165	2.032914	.3449231	347.8627	.1129901	.1996100
#1	.0054154	.5128602	2.569877	-.000276	1.991689	.3605981
#2	.0053315	.5093093	2.557287	.001379	1.988630	.3619870
#3	.0045246	.5290297	2.552857	-.000278	1.993017	.3616308

Elem	Sr4077
Units	ppm
Avg	.3261746
Stddev	.0013576
%RSD	.4162140
#1	.3276779
#2	.3258077
#3	.3250381

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.453	31161.92	4319.591	1017.027	2535.612
Stddev	3.370	91.27	20.131	5.345	2.025
%RSD	.1791369	.2928922	.4660458	.5255600	.0798531
#1	1881.819	31191.13	4307.123	1011.678	2537.875
#2	1877.914	31235.01	4308.835	1022.368	2533.971
#3	1884.625	31059.62	4342.816	1017.034	2534.991

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-10 Acquired: 06/29/2024 1:09:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4669181	-.008873	.3203340	-.097383	.0183246	138.4387
Stddev	.0126928	.002640	.0030564	.006548	.0019464	.3866
%RSD	2.718413	29.75200	.9541304	6.724464	10.62170	.2792516
#1	.4522619	-.009910	.3168095	-.101089	.0176064	138.8825
#2	.4742002	-.005872	.3219371	-.101238	.0205280	138.2580
#3	.4742923	-.010836	.3222553	-.089822	.0168393	138.1754

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.874994	.0046866	.0139071	28.97154	.4099608	.3140760
Stddev	.007208	.0000628	.0000517	.09342	.0017143	.0009740
%RSD	.2507133	1.340815	.3719424	.3224589	.4181600	.3101068
#1	2.882862	.0047435	.0138575	29.05411	.4081706	.3133560
#2	2.873410	.0046972	.0139607	28.99037	.4101243	.3136879
#3	2.868709	.0046191	.0139030	28.87013	.4115875	.3151842

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7248235	453.5578	F 44.37509	89.88232	.4176838	-.009208
Stddev	.0057289	.6714	.08124	.06386	.0012504	.000666
%RSD	.7903912	.1480384	.1830767	.0710503	.2993576	7.232112
#1	.7257721	454.2541	44.43112	89.81743	.4163637	-.008990
#2	.7300190	453.5051	44.41224	89.94510	.4188502	-.008678
#3	.7186795	452.9143	44.28192	89.88444	.4178374	-.009955

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.546087	.8324495	.9920630	32.19455	8.046992	.2062947
Stddev	.278113	.0033921	.0052375	.04540	.034982	.0050749
%RSD	17.98818	.4074846	.5279356	.1410296	.4347202	2.460008
#1	1.489752	.8363661	.9912372	32.20589	8.017224	.2043190
#2	1.848055	.8304513	.9872876	32.14455	8.038230	.2025048
#3	1.300455	.8305311	.9976643	32.23320	8.085522	.2120603

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-10 Acquired: 06/29/2024 1:09:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005812	.6638258	2.707372	-.000391	2.059732	.3178332
Stddev	.0008525	.0081192	.011757	.001190	.003387	.0005468
%RSD	146.6797	1.223097	.4342589	304.1396	.1644392	.1720548
#1	-.000370	.6597758	2.700465	-.001447	2.063558	.3181203
#2	.001276	.6585283	2.720947	-.000625	2.057117	.3172026
#3	.000837	.6731734	2.700703	.000899	2.058520	.3181767

Elem	Sr4077
Units	ppm
Avg	.2927857
Stddev	.0005003
%RSD	.1708846
#1	.2930758
#2	.2922080
#3	.2930733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.690	31724.03	4449.181	1044.081	2522.882
Stddev	1.926	13.16	20.054	1.907	6.005
%RSD	.1003113	.0414757	.4507429	.1826835	.2380378
#1	1919.722	31708.89	4459.545	1046.283	2529.448
#2	1921.599	31730.51	4426.065	1042.972	2521.531
#3	1917.748	31732.70	4461.932	1042.987	2517.667

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-11 Acquired: 06/29/2024 1:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2806138	-.001027	.3008082	-.061573	.0122139	82.49311
Stddev	.0059348	.002429	.0031446	.006164	.0004443	.39010
%RSD	2.114924	236.6344	1.045378	10.01125	3.637382	.4728833
#1	.2805280	-.002399	.2995652	-.068662	.0118564	82.78443
#2	.2865909	-.002460	.2984751	-.058577	.0127113	82.04992
#3	.2747223	.001778	.3043843	-.057479	.0120741	82.64499

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.120039	.0029993	.0106372	16.99166	.2384464	.2237054
Stddev	.010102	.0000953	.0002714	.03638	.0009268	.0004688
%RSD	.3237805	3.177147	2.551455	.2141322	.3886947	.2095435
#1	3.128763	.0029918	.0103436	17.03314	.2377195	.2237667
#2	3.108971	.0029080	.0106893	16.96513	.2381297	.2232090
#3	3.122383	.0030982	.0108789	16.97671	.2394901	.2241405

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5250817	279.0551	F 38.01881	52.48319	.2752035	-.003568
Stddev	.0037963	.5247	.03203	.12862	.0007546	.000559
%RSD	.7229865	.1880389	.0842538	.2450716	.2742012	15.67947
#1	.5212366	279.5289	38.05214	52.60125	.2748211	-.002944
#2	.5288272	278.4911	37.98826	52.34612	.2760728	-.004024
#3	.5251812	279.1452	38.01602	52.50221	.2747167	-.003737

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045563	.4982133	.7938086	23.11937	6.492484	.1223927
Stddev	.180888	.0051809	.0134736	.13344	.012788	.0008819
%RSD	17.30054	1.039904	1.697340	.5771857	.1969626	.7205328
#1	.837053	.5041011	.8057157	23.10425	6.477746	.1220375
#2	1.139185	.4943518	.7791830	22.99413	6.500636	.1217439
#3	1.160452	.4961869	.7965271	23.25973	6.499071	.1233969

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-11 Acquired: 06/29/2024 1:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000076	.4690222	2.094935	.0010102	1.340922	.2357520
Stddev	.0005493	.0060049	.009693	.0012209	.004590	.0020427
%RSD	7201.578	1.280305	.4627087	120.8610	.3422703	.8664593
#1	.0006362	.4656333	2.089481	.0023795	1.345249	.2366731
#2	-.000233	.4654779	2.106127	.0000353	1.336108	.2334109
#3	-.000380	.4759555	2.089198	.0006157	1.341409	.2371719

Elem	Sr4077
Units	ppm
Avg	.1919488
Stddev	.0007134
%RSD	.3716437
#1	.1919604
#2	.1912297
#3	.1926563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.711	31036.83	4361.793	1029.579	2593.559
Stddev	1.576	140.52	16.391	2.544	7.920
%RSD	.0840807	.4527458	.3757915	.2471385	.3053663
#1	1876.531	30899.01	4362.221	1030.599	2602.645
#2	1873.775	31031.57	4345.192	1026.682	2589.919
#3	1873.828	31179.90	4377.966	1031.455	2588.114

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-12 Acquired: 06/29/2024 1:17:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3532285	.0050017	.3415085	-.072353	.0147264	112.4086
Stddev	.0069644	.0040312	.0022264	.004083	.0024391	.2229
%RSD	1.971640	80.59682	.6519209	5.642719	16.56243	.1983071
#1	.3607153	.0033883	.3440783	-.068962	.0174402	112.3511
#2	.3469427	.0095897	.3401633	-.071213	.0127172	112.6546
#3	.3520276	.0020271	.3402839	-.076885	.0140219	112.2201

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.031950	.0034892	.0127175	23.34188	.3057660	.2655057
Stddev	.007592	.0001367	.0003093	.02542	.0006796	.0003814
%RSD	.0840620	3.917971	2.432007	.1089164	.2222537	.1436659
#1	9.029356	.0036084	.0130743	23.35234	.3050164	.2656196
#2	9.025994	.0033400	.0125528	23.31290	.3063418	.2658172
#3	9.040499	.0035193	.0125254	23.36041	.3059400	.2650803

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6397171	360.1568	F 60.35244	71.31630	.3513363	-.004838
Stddev	.0022116	.6076	.13273	.13340	.0001260	.000236
%RSD	.3457224	.1686956	.2199174	.1870594	.0358501	4.867812
#1	.6373367	359.4685	60.22257	71.16378	.3514812	-.004941
#2	.6417084	360.6186	60.34688	71.37383	.3512741	-.005005
#3	.6401062	360.3831	60.48785	71.41128	.3512535	-.004569

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.283099	.6424839	.7973787	25.80893	5.951848	.1508636
Stddev	.271800	.0055205	.0075889	.11651	.012995	.0041141
%RSD	21.18309	.8592501	.9517349	.4514236	.2183429	2.727008
#1	1.528720	.6409920	.8033984	25.73183	5.966683	.1481073
#2	1.329488	.6485971	.7998837	25.94296	5.946385	.1555925
#3	.991090	.6378626	.7888539	25.75200	5.942475	.1488909

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-12 Acquired: 06/29/2024 1:17:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	.5585799	2.136611	-.000185	1.518722	.2587426
Stddev	.000462	.0069265	.015117	.001130	.007736	.0008705
%RSD	393.2178	1.240016	.7075141	611.8739	.5093890	.3364306
#1	.000104	.5556276	2.127758	-.000411	1.515170	.2577518
#2	-.000649	.5536187	2.128010	-.001184	1.527597	.2593845
#3	.000193	.5664934	2.154066	.001041	1.513400	.2590914

Elem	Sr4077
Units	ppm
Avg	.2736972
Stddev	.0007794
%RSD	.2847670
#1	.2733296
#2	.2745924
#3	.2731696

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.653	31236.77	4387.409	1033.371	2545.452
Stddev	2.115	107.58	30.452	4.069	3.573
%RSD	.1118227	.3444003	.6940784	.3937574	.1403573
#1	1889.433	31118.40	4399.711	1028.673	2542.865
#2	1893.645	31328.59	4409.786	1035.742	2543.963
#3	1891.881	31263.32	4352.731	1035.699	2549.529

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV086 Acquired: 06/29/2024 1:22:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.955431	4.796256	24.68648	4.678960	4.859535	402.1273	9.854137
Stddev	.030272	.013035	.04313	.023077	.017219	1.1050	.023960
%RSD	.6108896	.2717837	.1747207	.4931996	.3543256	.2747912	.2431465
#1	4.959278	4.785583	24.67171	4.653050	4.850021	400.8522	9.827584
#2	4.923419	4.792400	24.65267	4.697304	4.849174	402.7250	9.860684
#3	4.983596	4.810784	24.73505	4.686527	4.879412	402.8047	9.874143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5087118	2.520445	398.5714	15.35331	2.481289	14.42656	391.9470
Stddev	.0031947	.010886	1.1931	.04769	.007301	.07087	1.1732
%RSD	.6279900	.4319197	.2993560	.3105891	.2942248	.4912549	.2993229
#1	.5117689	2.516261	397.2447	15.29888	2.476063	14.37085	390.6740
#2	.5089711	2.512272	398.9130	15.38775	2.478174	14.50633	392.9848
#3	.5053954	2.532803	399.5564	15.37330	2.489631	14.40249	392.1822

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.45764	392.1017	2.477222	1.296287	396.4331	2.396603	13.59308
Stddev	.03468	1.3212	.006374	.004237	1.0678	.011473	.09524
%RSD	.2398572	.3369648	.2572848	.3268882	.2693421	.4787270	.7006331
#1	14.41762	391.0124	2.472250	1.291431	395.3706	2.384674	13.48328
#2	14.47658	393.5714	2.475009	1.299235	396.4226	2.407558	13.64265
#3	14.47872	391.7213	2.484407	1.298196	397.5061	2.397579	13.65331

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.2859	4.992088	4.958307	4.822897	4.942994	5.045061	5.046943
Stddev	.3618	.011453	.022032	.005230	.013918	.027239	.017184
%RSD	.2456197	.2294329	.4443360	.1084485	.2815770	.5399190	.3404761
#1	147.2435	4.998843	4.979204	4.820556	4.938083	5.063971	5.031298
#2	147.6670	4.978864	4.960423	4.819245	4.932197	5.057372	5.044197
#3	146.9472	4.998558	4.935294	4.828888	4.958702	5.013839	5.065335

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV086 Acquired: 06/29/2024 1:22:17 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV086 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.809547	5.050270	4.769606
Stddev	.014467	.016424	.021298
%RSD	.3007879	.3252044	.4465367
#1	4.793415	5.031387	4.793463
#2	4.813859	5.061231	4.762848
#3	4.821368	5.058192	4.752507

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.058	26205.49	3889.880	822.9365	2109.824
Stddev	2.578	178.95	15.160	3.3130	3.902
%RSD	.1698471	.6828612	.3897244	.4025848	.1849479
#1	1521.035	26412.00	3892.941	825.8433	2114.012
#2	1516.555	26096.05	3873.423	819.3293	2109.168
#3	1516.585	26108.42	3903.275	823.6369	2106.291

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB086 Acquired: 06/29/2024 1:26:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040545	.0004219	.0004759	-.003101	-.001180	.0145571
Stddev	.0012694	.0003729	.0012096	.004045	.002092	.0061715
%RSD	31.30829	88.39283	254.1788	130.4269	177.2653	42.39506
#1	.0049110	.0007755	-.000777	.001019	.001198	.0202777
#2	.0046563	.0004579	.001638	-.003257	-.002738	.0153768
#3	.0025961	.0000323	.000567	-.007066	-.002000	.0080167

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012148	.0000480	.0000239	.0467503	.0008652	-.000050
Stddev	.0001954	.0000587	.0000102	.0152561	.0005465	.000158
%RSD	16.08456	122.3408	42.49144	32.63319	63.16145	317.3924
#1	.0013619	.0000859	.0000355	.0299241	.0013052	.000066
#2	.0009931	-.000020	.0000169	.0506458	.0010369	-.000230
#3	.0012894	.000078	.0000193	.0596810	.0002535	.000015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059730	.0307729	.0012005	.0049195	-.000126	-.000377
Stddev	.0008350	.0113272	.0005401	.0639804	.000193	.000407
%RSD	13.97965	36.80888	44.98571	1300.544	153.4393	108.1202
#1	.0057269	.0269534	.0012395	.0771676	-.000203	.000051
#2	.0069033	.0435161	.0017200	-.044571	-.000268	-.000759
#3	.0052886	.0218493	.0006420	-.017839	.000094	-.000422

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2350392	.0028205	.0010919	.1055731	-.003545	.0083007
Stddev	.1239254	.0013694	.0018925	.0560541	.005043	.0007548
%RSD	52.72541	48.55371	173.3148	53.09508	142.2623	9.093422
#1	.2218239	.0042148	-.000207	.1162467	-.007867	.0090685
#2	.3650426	.0027693	.000220	.1555231	-.004764	.0082740
#3	.1182510	.0014773	.003263	.0449496	.001996	.0075596

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB086 Acquired: 06/29/2024 1:26:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005720	.0006551	.0010234	.0005570	.0006059	F .0336434
Stddev	.0003787	.0046594	.0002523	.0012470	.0008739	.0042951
%RSD	66.20110	711.2229	24.65526	223.8725	144.2335	12.76645
#1	.0009533	.0000047	.0013132	-.000858	.0002066	.0374474
#2	.0001961	-.003645	.0008530	.001496	.0016082	.0344971
#3	.0005665	.005606	.0009039	.001033	.0000030	.0289855

Elem	Sr4077
Units	ppm
Avg	.0001953
Stddev	.0001216
%RSD	62.27082
#1	.0002175
#2	.0000641
#3	.0003042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.920	31005.70	4103.150	1020.163	2938.065
Stddev	2.807	42.42	20.226	3.918	3.290
%RSD	.1498530	.1368184	.4929492	.3840366	.1119947
#1	1876.137	30973.13	4081.155	1023.428	2939.810
#2	1870.975	30990.29	4107.345	1021.242	2934.270
#3	1871.647	31053.67	4120.950	1015.818	2940.115

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-13 Acquired: 06/29/2024 1:31:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8515853	.0316920	.4059581	-.121365	.0235837	189.3421
Stddev	.0120441	.0023986	.0041785	.005948	.0031681	1.3092
%RSD	1.414320	7.568399	1.029282	4.901002	13.43365	.6914472
#1	.8384859	.0344518	.4091658	-.126902	.0216187	187.9298
#2	.8540895	.0305149	.4074756	-.122115	.0272385	189.5810
#3	.8621804	.0301095	.4012329	-.115077	.0218939	190.5153

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.399785	.0033908	.0227175	34.43567	.5023703	.4073925
Stddev	.009242	.0002783	.0001484	.08875	.0015323	.0004928
%RSD	.1711560	8.207290	.6531735	.2577369	.3050141	.1209598
#1	5.395870	.0036040	.0225933	34.45379	.5006384	.4068348
#2	5.393144	.0030760	.0226773	34.33925	.5035497	.4077691
#3	5.410340	.0034925	.0228818	34.51396	.5029227	.4075736

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018523	579.5382	F 123.0116	123.5952	.5766205	-.009862
Stddev	.008479	2.6481	1.0499	.5458	.0022406	.000427
%RSD	.8324951	.4569369	.8534830	.4415767	.3885772	4.333439
#1	1.009431	576.5914	124.2062	122.9757	.5743329	-.009510
#2	1.019922	580.3044	122.5931	123.8049	.5767177	-.009738
#3	1.026215	581.7187	122.2354	124.0051	.5788110	-.010337

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.225664	1.171487	1.442157	51.22005	F 13.04687	.2626588
Stddev	.367787	.010569	.004373	.48533	.02471	.0065816
%RSD	16.52480	.9021543	.3031923	.9475403	.1893861	2.505781
#1	1.965551	1.160015	1.441952	50.66031	13.03272	.2554593
#2	2.064992	1.173620	1.437891	51.47612	13.03249	.2683666
#3	2.646449	1.180827	1.446629	51.52371	13.07540	.2641506

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-13 Acquired: 06/29/2024 1:31:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050844	2.625546	2.336094	.0003586	1.882767	.4470551
Stddev	.0003303	.010232	.008424	.0030480	.013627	.0024456
%RSD	6.497403	.3897148	.3606005	850.0768	.7237912	.5470389
#1	.0047056	2.615190	2.333930	.0025929	1.868790	.4491686
#2	.0052347	2.635649	2.328964	-.003114	1.883493	.4443764
#3	.0053129	2.625800	2.345389	.001596	1.896016	.4476201

Elem	Sr4077
Units	ppm
Avg	.8589265
Stddev	.0091650
%RSD	1.067035
#1	.8485523
#2	.8623026
#3	.8659246

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.507	31311.08	4473.307	1025.256	2431.538
Stddev	1.770	113.44	10.252	6.523	5.835
%RSD	.0932986	.3623132	.2291711	.6362759	.2399885
#1	1899.061	31285.50	4463.312	1019.383	2437.410
#2	1895.580	31212.60	4472.813	1024.108	2425.740
#3	1897.881	31435.13	4483.797	1032.278	2431.464

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-14 Acquired: 06/29/2024 1:35:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1797392	-.018387	.0669541	-.062912	.0151353	174.2585	.8249943
Stddev	.0100412	.003581	.0019304	.005167	.0039067	.1855	.0027412
%RSD	5.586563	19.47603	2.883209	8.213450	25.81185	.1064737	.3322644
#1	.1712807	-.020662	.0652889	-.060373	.0196154	174.0983	.8218557
#2	.1908362	-.020239	.0665034	-.059505	.0133527	174.4618	.8262090
#3	.1771006	-.014259	.0690700	-.068858	.0124379	174.2155	.8269182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038903	.0079225	176.2776	.8091093	.1880074	.3992452	311.2208
Stddev	.0002909	.0001126	.4894	.0006811	.0008205	.0024750	.5464
%RSD	7.477880	1.421669	.2776408	.0841844	.4364180	.6199115	.1755573
#1	.0042111	.0078221	175.7976	.8098749	.1882084	.4013735	310.7874
#2	.0038163	.0080443	176.2591	.8085704	.1887087	.3998328	311.0405
#3	.0036436	.0079011	176.7759	.8088826	.1871051	.3965293	311.8345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.633564	117.7453	.6689742	-.006488	2.042699	.7028731	.6327426
Stddev	.010639	.3923	.0014394	.000428	.437764	.0026012	.0184263
%RSD	.2296032	.3331415	.2151599	6.596284	21.43066	.3700880	2.912129
#1	4.626097	117.3078	.6674720	-.006143	2.516722	.7030616	.6451486
#2	4.628849	117.8626	.6703411	-.006355	1.957720	.7001827	.6415095
#3	4.645745	118.0656	.6691096	-.006967	1.653655	.7053749	.6115698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.258232	5.317209	.1360302	-.002994	1.050469	1.792273	-.003086
Stddev	.114412	.024134	.0012284	.000687	.009755	.002852	.000931
%RSD	1.235781	.4538781	.9030458	22.96397	.9285909	.1591404	30.15361
#1	9.241274	5.304401	.1373727	-.003443	1.044355	1.795191	-.004112
#2	9.380176	5.345047	.1357556	-.002202	1.045334	1.789492	-.002853
#3	9.153246	5.302180	.1349624	-.003336	1.061718	1.792136	-.002295

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-14 Acquired: 06/29/2024 1:35:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.201723	.3275887	.2867744
Stddev	.005251	.0039002	.0002486
%RSD	.4369804	1.190565	.0866707
#1	1.206936	.3231404	.2870604
#2	1.201799	.3292038	.2866106
#3	1.196434	.3304219	.2866522

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.493	30386.79	4390.534	994.9139	2394.151
Stddev	5.803	63.16	4.769	2.5701	6.817
%RSD	.3175394	.2078409	.1086088	.2583271	.2847360
#1	1826.714	30385.07	4385.913	993.4865	2397.591
#2	1822.119	30450.79	4395.437	997.8809	2386.300
#3	1833.646	30324.52	4390.252	993.3743	2398.563

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-15 Acquired: 06/29/2024 1:40:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3180287	-.033694	.1271647	-.099965	.0235755	244.6805	.9903935
Stddev	.0043738	.001629	.0064619	.005910	.0043069	.4240	.0021489
%RSD	1.375269	4.835595	5.081497	5.912313	18.26841	.1733065	.2169737
#1	.3129845	-.035095	.1345659	-.093631	.0206427	245.0518	.9898533
#2	.3207673	-.034082	.1226444	-.105332	.0215637	244.2184	.9927610
#3	.3203342	-.031906	.1242837	-.100933	.0285202	244.7713	.9885663

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037032	.0135154	162.8745	.8226087	.4150906	.8237343	464.7054
Stddev	.0001870	.0001939	.1567	.0057431	.0004343	.0084421	.5718
%RSD	5.049297	1.434347	.0962386	.6981625	.1046150	1.024860	.1230479
#1	.0034881	.0136912	163.0398	.8276895	.4154861	.8283537	464.0509
#2	.0037943	.0135475	162.8557	.8237593	.4146259	.8139906	465.1079
#3	.0038272	.0133075	162.7280	.8163774	.4151596	.8288587	464.9574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32408	174.3334	.7586719	-.009347	3.250569	1.069465	.8018056
Stddev	.00465	.6868	.0009005	.000535	.113028	.004185	.0088925
%RSD	.0450303	.3939728	.1186930	5.721485	3.477188	.3912988	1.109059
#1	10.32187	174.6633	.7592406	-.009523	3.143495	1.065437	.8115977
#2	10.32943	174.7929	.7591415	-.008747	3.368734	1.069166	.7942333
#3	10.32096	173.5438	.7576337	-.009772	3.239477	1.073791	.7995858

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.653252	9.658293	.1999866	-.004703	1.542235	2.171779	-.005186
Stddev	.061727	.004208	.0001373	.000752	.012537	.008329	.001215
%RSD	.6394409	.0435644	.0686477	15.99508	.8129279	.3834946	23.42092
#1	9.711711	9.654944	.1998401	-.004691	1.527935	2.162201	-.005273
#2	9.659337	9.663016	.2001123	-.005460	1.551340	2.177325	-.006355
#3	9.588708	9.656918	.2000073	-.003956	1.547429	2.175809	-.003931

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-15 Acquired: 06/29/2024 1:40:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.886512	.3811155	.4175334
Stddev	.007029	.0044233	.0013418
%RSD	.3725708	1.160615	.3213713
#1	1.892429	.3828290	.4188685
#2	1.878743	.3844256	.4161849
#3	1.888363	.3760918	.4175467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.219	31087.01	4498.759	1011.389	2349.867
Stddev	4.763	155.71	17.783	3.371	3.772
%RSD	.2549732	.5008759	.3952763	.3332868	.1605306
#1	1862.798	30915.63	4516.575	1007.870	2345.598
#2	1871.736	31125.65	4498.691	1011.708	2352.751
#3	1870.122	31219.76	4481.010	1014.589	2351.251

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-16 Acquired: 06/29/2024 1:44:24 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5P2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1896799	-.015513	.0925641	-.062925	.0128577	144.1273	.6873305
Stddev	.0057234	.001522	.0002517	.001828	.0008021	.7091	.0026794
%RSD	3.017429	9.812927	.2719221	2.905759	6.238661	.4919658	.3898287
#1	.1939202	-.014013	.0926431	-.064997	.0134727	143.3826	.6844682
#2	.1919498	-.015467	.0922824	-.062244	.0131500	144.2050	.6897789
#3	.1831696	-.017057	.0927669	-.061536	.0119504	144.7943	.6877443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026572	.0069251	69.71652	.6774890	.2273095	.4809313	280.6090
Stddev	.0001101	.0000764	.28422	.0011508	.0012895	.0021195	1.0014
%RSD	4.142161	1.103614	.4076808	.1698692	.5672735	.4407120	.3568626
#1	.0025593	.0069766	69.39298	.6772551	.2265647	.4833355	279.6068
#2	.0026360	.0068373	69.92597	.6787388	.2265652	.4801258	280.6105
#3	.0027763	.0069613	69.83061	.6764730	.2287984	.4793326	281.6096

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.230133	111.8163	.4918653	-.005655	2.014073	.6038793	.5746349
Stddev	.022111	.6751	.0035459	.000106	.177165	.0036587	.0015314
%RSD	.3058146	.6037916	.7209021	1.872148	8.796351	.6058659	.2664953
#1	7.204607	111.0368	.4885609	-.005540	2.146475	.6075249	.5753322
#2	7.242441	112.1956	.4914238	-.005679	2.082926	.6002076	.5756935
#3	7.243351	112.2164	.4956113	-.005747	1.812817	.6039055	.5728790

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.46246	7.365486	.1276483	-.001352	.8893145	2.595755	-.001262
Stddev	.15244	.031068	.0003532	.000645	.0142449	.013083	.000554
%RSD	1.223223	.4218032	.2767080	47.71795	1.601784	.5040104	43.90048
#1	12.28975	7.341175	.1272947	-.002089	.8974055	2.581450	-.000791
#2	12.51940	7.354795	.1276490	-.001074	.8976713	2.598702	-.001123
#3	12.57824	7.400488	.1280011	-.000892	.8728666	2.607112	-.001873

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-16 Acquired: 06/29/2024 1:44:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.590917	.2492037	.1835046
Stddev	.008252	.0017304	.0011836
%RSD	.5186990	.6943803	.6449717
#1	1.581408	.2476568	.1833953
#2	1.596200	.2488817	.1823794
#3	1.595143	.2510724	.1847390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1889.873	31332.73	4381.274	1026.845	2506.878
Stddev	6.465	68.60	18.974	1.822	9.405
%RSD	.3420962	.2189473	.4330603	.1773961	.3751818
#1	1893.018	31264.65	4388.959	1026.174	2509.215
#2	1894.164	31401.84	4395.199	1028.908	2514.894
#3	1882.437	31331.71	4359.663	1025.455	2496.524

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-17 Acquired: 06/29/2024 1:48:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5P3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1276362	-.013489	.1703480	-.047476	.0097228	79.57979	.5669167
Stddev	.0048274	.000766	.0035568	.006767	.0020382	.32840	.0014818
%RSD	3.782178	5.680513	2.087969	14.25280	20.96275	.4126716	.2613794
#1	.1283050	-.014044	.1712735	-.047893	.0077470	79.45276	.5654501
#2	.1225092	-.013809	.1664199	-.054024	.0096034	79.95273	.5684133
#3	.1320943	-.012615	.1733505	-.040510	.0118181	79.33387	.5668868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024661	.0054182	48.85587	.3089792	.1398213	.3849204	212.4580
Stddev	.0001547	.0001442	.12091	.0007895	.0002234	.0029524	.7456
%RSD	6.272720	2.661191	.2474729	.2555037	.1597663	.7670060	.3509562
#1	.0025717	.0053130	48.79653	.3097821	.1399670	.3838661	211.7617
#2	.0025380	.0053589	48.99498	.3089516	.1395641	.3882551	213.2447
#3	.0022885	.0055825	48.77610	.3082039	.1399328	.3826399	212.3678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.298019	53.47036	.2711313	-.004512	1.280734	.3426281	.7234179
Stddev	.009199	.39186	.0005676	.000211	.112067	.0040049	.0139286
%RSD	.2140309	.7328569	.2093567	4.682644	8.750184	1.168867	1.925381
#1	4.301792	53.12045	.2706208	-.004690	1.372441	.3393485	.7083652
#2	4.304731	53.89377	.2717425	-.004568	1.313946	.3414444	.7260384
#3	4.287533	53.39687	.2710305	-.004279	1.155816	.3470914	.7358501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.19365	6.142258	.1051582	-.000636	1.313061	3.532467	.0021461
Stddev	.17409	.010974	.0019440	.000330	.014370	.046748	.0020444
%RSD	1.319475	.1786696	1.848592	51.92776	1.094366	1.323369	95.26030
#1	13.17510	6.137477	.1034020	-.000529	1.296958	3.572042	.0025471
#2	13.37627	6.134486	.1048257	-.001007	1.324576	3.544470	.0039604
#3	13.02958	6.154812	.1072470	-.000373	1.317650	3.480888	-.000069

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-17 Acquired: 06/29/2024 1:48:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5P3 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.352072	.1481232	.1288160
Stddev	.004786	.0017103	.0011157
%RSD	.3539469	1.154640	.8661310
#1	1.349763	.1463193	.1286214
#2	1.357574	.1497212	.1300161
#3	1.348878	.1483293	.1278103

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.987	32069.28	4421.424	1045.815	2608.870
Stddev	1.155	218.37	20.469	8.196	4.840
%RSD	.0599234	.6809224	.4629498	.7836758	.1855035
#1	1925.727	32253.53	4407.114	1053.242	2603.733
#2	1927.995	32126.22	4412.288	1047.181	2609.533
#3	1927.238	31828.08	4444.870	1037.022	2613.343

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-18 Acquired: 06/29/2024 1:53:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3640524	-.031015	.0655801	-.108985	.0226249	230.3056	.6329759
Stddev	.0110612	.000408	.0016320	.006986	.0029063	.8964	.0010663
%RSD	3.038361	1.315880	2.488561	6.409814	12.84573	.3892176	.1684600
#1	.3671896	-.031090	.0652653	-.114079	.0193433	229.2707	.6318860
#2	.3517614	-.031380	.0641285	-.101021	.0236572	230.8393	.6330248
#3	.3732062	-.030574	.0673466	-.111855	.0248741	230.8068	.6340169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022106	.0123054	87.28887	.8261810	.5097773	.9804694	468.3866
Stddev	.0001217	.0001658	.14501	.0032837	.0015574	.0077439	2.1168
%RSD	5.503551	1.347108	.1661288	.3974525	.3055145	.7898188	.4519301
#1	.0023469	.0123632	87.15840	.8244177	.5081226	.9729795	466.2393
#2	.0021718	.0124346	87.26321	.8299696	.5099948	.9884445	468.4489
#3	.0021130	.0121185	87.44500	.8241556	.5112146	.9799841	470.4715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30456	167.5629	.7284048	-.009359	1.960344	1.087672	.6699656
Stddev	.03333	.9288	.0013367	.000623	.189632	.007684	.0073312
%RSD	.2948179	.5542869	.1835067	6.658213	9.673383	.7064240	1.094259
#1	11.27503	166.6233	.7268788	-.010078	1.918501	1.078944	.6615089
#2	11.29794	167.5848	.7289672	-.008968	1.795129	1.093419	.6738640
#3	11.34070	168.4805	.7293684	-.009033	2.167403	1.090651	.6745239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.52809	7.174492	.1970436	-.003194	.7725600	2.772505	-.004517
Stddev	.09061	.030154	.0006332	.000446	.0104300	.001672	.000983
%RSD	.8606076	.4203005	.3213583	13.97905	1.350060	.0602991	21.76634
#1	10.42373	7.139812	.1968480	-.003347	.7653389	2.774016	-.004031
#2	10.58672	7.194527	.1977515	-.003544	.7678233	2.772790	-.003871
#3	10.57383	7.189136	.1965312	-.002691	.7845179	2.770709	-.005648

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-18 Acquired: 06/29/2024 1:53:06 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5P4 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.148487	.3430612	.2384081
Stddev	.008144	.0024467	.0022873
%RSD	.3790544	.7131993	.9594089
#1	2.141963	.3406055	.2358508
#2	2.145884	.3430794	.2402587
#3	2.157614	.3454988	.2391147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1862.283	30960.38	4407.148	1006.551	2411.439
Stddev	2.236	69.85	11.839	3.377	2.917
%RSD	.1200503	.2255952	.2686332	.3354699	.1209749
#1	1862.531	31015.29	4416.961	1003.893	2413.009
#2	1864.385	30881.77	4410.484	1005.409	2408.073
#3	1859.934	30984.08	4393.999	1010.351	2413.234

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-19 Acquired: 06/29/2024 1:57:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2619640	-.020122	.8798219	-.062757	.0113820	132.1915
Stddev	.0054894	.001877	.0029372	.004263	.0037456	.2833
%RSD	2.095483	9.327813	.3338354	6.792817	32.90817	.2143117
#1	.2624865	-.021804	.8768563	-.058315	.0083065	132.3630
#2	.2671734	-.020465	.8827297	-.063139	.0102862	132.3471
#3	.2562320	-.018098	.8798796	-.066815	.0155533	131.8645

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.375561	.0045188	.0159417	103.3523	.2171257	.2339119
Stddev	.001904	.0001845	.0003068	.1614	.0011907	.0013948
%RSD	.1384079	4.083469	1.924642	.1561712	.5484123	.5962912
#1	1.377106	.0046161	.0156781	103.4630	.2163778	.2350460
#2	1.376143	.0046342	.0162785	103.4268	.2165004	.2323545
#3	1.373434	.0043060	.0158686	103.1671	.2184988	.2343351

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097260	289.2934	6.414848	78.40269	.3056589	-.001222
Stddev	.002274	.8079	.012504	.17716	.0008545	.000205
%RSD	.2072479	.2792547	.1949198	.2259603	.2795716	16.77304
#1	1.097111	289.2498	6.417566	78.38074	.3046839	-.001067
#2	1.099605	290.1222	6.425768	78.58981	.3060148	-.001455
#3	1.095064	288.5082	6.401208	78.23754	.3062780	-.001145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.817743	.7722594	3.211546	34.22553	F 16.35338	.1776910
Stddev	.210501	.0042017	.017854	.03305	.01971	.0024570
%RSD	11.58034	.5440818	.5559439	.0965604	.1205283	1.382757
#1	2.059392	.7760399	3.213042	34.20887	16.35749	.1800389
#2	1.719609	.7730027	3.228605	34.20413	16.37071	.1778966
#3	1.674228	.7677356	3.192990	34.26360	16.33194	.1751377

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-19 Acquired: 06/29/2024 1:57:28 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5P5 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007102	12.91256	2.562836	.0159284	.8452915	.2618973
Stddev	.0008021	.04150	.016132	.0024449	.0019526	.0028117
%RSD	112.9420	.3214247	.6294423	15.34914	.2310007	1.073578
#1	.0001080	12.89907	2.580886	.0131063	.8433395	.2613324
#2	.0004019	12.95913	2.549828	.0174026	.8472447	.2594109
#3	.0016207	12.87948	2.557792	.0172764	.8452904	.2649485

Elem	Sr4077
Units	ppm
Avg	.4944606
Stddev	.0013072
%RSD	.2643738
#1	.4954901
#2	.4949020
#3	.4929899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.849	32385.43	4592.903	1050.303	2478.683
Stddev	.974	115.60	13.802	2.839	3.419
%RSD	.0503445	.3569407	.3005019	.2703107	.1379542
#1	1934.056	32510.95	4577.929	1053.437	2480.278
#2	1934.555	32361.99	4605.116	1047.903	2474.758
#3	1935.937	32283.35	4595.663	1049.570	2481.014

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-20 Acquired: 06/29/2024 2:01:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3851563	.0068686	.2173501	-.060892	.0097648	139.0463
Stddev	.0008444	.0017659	.0028943	.002358	.0019855	.9085
%RSD	.2192460	25.70930	1.331648	3.872227	20.33361	.6533909
#1	.3855691	.0051119	.2183282	-.062764	.0102459	138.3439
#2	.3841849	.0068506	.2140934	-.058244	.0114655	140.0723
#3	.3857151	.0086435	.2196287	-.061668	.0075829	138.7226

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.004732	.0035827	.0105028	62.25079	.3431569	.2812772
Stddev	.018095	.0002193	.0002617	.22862	.0012605	.0006245
%RSD	.3615580	6.120460	2.491944	.3672542	.3673353	.2220325
#1	4.997326	.0038319	.0104307	62.06233	.3422670	.2817981
#2	5.025355	.0034970	.0102846	62.50511	.3426044	.2805849
#3	4.991515	.0034192	.0107929	62.18493	.3445994	.2814487

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4485025	276.1340	F 40.93509	102.2547	.4816201	-.004099
Stddev	.0029311	1.3890	.13506	.4489	.0005471	.000512
%RSD	.6535267	.5030003	.3299403	.4389898	.1135934	12.48324
#1	.4480444	275.0705	40.82448	101.8710	.4818997	-.004137
#2	.4516357	277.7054	41.08561	102.7483	.4819710	-.003569
#3	.4458275	275.6260	40.89519	102.1446	.4809897	-.004590

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.098132	.5954016	.7665819	17.68126	8.721289	.1249379
Stddev	.252238	.0023043	.0044668	.17123	.007019	.0042378
%RSD	12.02205	.3870178	.5826883	.9684337	.0804779	3.391963
#1	2.106089	.5941958	.7714144	17.55594	8.723266	.1255297
#2	2.346298	.5980586	.7626045	17.87636	8.727106	.1288487
#3	1.842009	.5939504	.7657266	17.61148	8.713493	.1204352

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-20 Acquired: 06/29/2024 2:01:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001708	.8500079	2.065316	.0009004	1.138279	.3771692
Stddev	.000766	.0077484	.004095	.0015984	.007172	.0014229
%RSD	44.87698	.9115678	.1982754	177.5163	.6300331	.3772586
#1	-.002203	.8411510	2.069254	.0001541	1.133361	.3756780
#2	-.002096	.8533391	2.065614	.0027354	1.146508	.3785122
#3	-.000825	.8555336	2.061080	-.000188	1.134968	.3773173

Elem	Sr4077
Units	ppm
Avg	.6412473
Stddev	.0026339
%RSD	.4107409
#1	.6385213
#2	.6437782
#3	.6414423

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.896	34196.40	4787.250	1116.071	2471.035
Stddev	7.807	122.32	16.249	2.665	7.671
%RSD	.3797253	.3576970	.3394295	.2387844	.3104543
#1	2048.178	34321.25	4802.714	1113.759	2464.885
#2	2063.789	34191.15	4788.720	1118.986	2479.631
#3	2055.722	34076.78	4770.315	1115.469	2468.588

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-21 Acquired: 06/29/2024 2:06:08 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5P7 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4179312	-.017084	.2641533	-.059956	.0133862	141.2851	1.722702
Stddev	.0065209	.004791	.0032021	.004884	.0024020	.4512	.002012
%RSD	1.560281	28.04406	1.212196	8.146257	17.94406	.3193215	.1168123
#1	.4186566	-.020231	.2635337	-.054366	.0117892	140.8000	1.721121
#2	.4110779	-.011570	.2613062	-.063397	.0161486	141.3632	1.724967
#3	.4240590	-.019451	.2676198	-.062105	.0122209	141.6921	1.722017

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042278	.0144098	39.33483	.3887290	.1910404	.8173932	299.1008
Stddev	.0000463	.0001102	.04842	.0015924	.0002796	.0050761	1.0590
%RSD	1.095888	.7647207	.1231047	.4096331	.1463783	.6210071	.3540500
#1	.0041834	.0143364	39.29827	.3904344	.1910968	.8211382	298.0700
#2	.0042240	.0145365	39.38975	.3884715	.1907368	.8194255	299.0467
#3	.0042759	.0143564	39.31647	.3872811	.1912875	.8116158	300.1858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.49848	94.09447	.4047287	-.005060	1.235455	.6451064	.8623569
Stddev	.02974	.58299	.0035401	.000309	.082147	.0085789	.0093691
%RSD	.2379388	.6195757	.8746839	6.103337	6.649112	1.329835	1.086454
#1	12.47422	93.61794	.4025361	-.004891	1.328997	.6394094	.8653074
#2	12.48956	93.92096	.4028371	-.005416	1.175067	.6549731	.8698955
#3	12.53166	94.74452	.4088127	-.004872	1.202299	.6409368	.8518677

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.91931	8.502243	.1363679	-.001955	.8392582	2.132361	-.001509
Stddev	.11030	.025013	.0025908	.000121	.0074980	.009475	.001684
%RSD	.5032145	.2941958	1.899875	6.182149	.8934121	.4443415	111.5888
#1	21.80188	8.487240	.1354109	-.002059	.8308129	2.122160	-.003083
#2	21.93530	8.488371	.1343918	-.001822	.8451325	2.134035	-.001712
#3	22.02074	8.531119	.1393012	-.001983	.8418292	2.140887	.000267

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-21 Acquired: 06/29/2024 2:06:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.395379	.3232551	.3803536
Stddev	.005998	.0005989	.0025354
%RSD	.4298699	.1852838	.6665952
#1	1.389035	.3225778	.3774522
#2	1.396145	.3234728	.3814651
#3	1.400958	.3237148	.3821434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.116	32688.47	4525.567	1069.196	2517.773
Stddev	2.305	141.48	15.729	4.775	8.968
%RSD	.1169412	.4328144	.3475514	.4466074	.3561880
#1	1969.817	32564.35	4541.731	1064.338	2521.426
#2	1973.777	32658.53	4510.314	1069.367	2524.338
#3	1969.753	32842.52	4524.655	1073.883	2507.555

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-22 Acquired: 06/29/2024 2:10:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3762068	-.020866	.2458213	-.076104	.0135247	169.6696	2.534087
Stddev	.0130009	.003094	.0022562	.009164	.0022081	.6338	.007126
%RSD	3.455772	14.82855	.9178384	12.04089	16.32667	.3735661	.2812185
#1	.3818849	-.019463	.2432615	-.071920	.0122228	170.4008	2.542155
#2	.3854028	-.024413	.2466817	-.069779	.0160742	169.3324	2.531451
#3	.3613327	-.018722	.2475208	-.086612	.0122771	169.2757	2.528653

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051857	.0131154	51.62225	.3360289	.2096492	.6278710	344.7536
Stddev	.0001139	.0002690	.11571	.0009192	.0008662	.0015220	1.0843
%RSD	2.196629	2.050957	.2241545	.2735610	.4131473	.2424093	.3145231
#1	.0051086	.0128180	51.74768	.3359036	.2102173	.6296025	345.9820
#2	.0051320	.0131863	51.51965	.3370044	.2086523	.6272659	343.9296
#3	.0053165	.0133418	51.59941	.3351788	.2100780	.6267445	344.3491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90668	106.7890	.4301834	-.007357	1.398897	.7930213	.8017690
Stddev	.01557	.4829	.0008810	.000428	.168248	.0083456	.0052038
%RSD	.1427798	.4521814	.2047864	5.816970	12.02722	1.052384	.6490333
#1	10.92404	107.3386	.4306673	-.006902	1.204908	.7957420	.7983838
#2	10.90205	106.4330	.4291666	-.007751	1.486749	.7836548	.7991623
#3	10.89394	106.5954	.4307164	-.007420	1.505036	.7996670	.8077609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.22007	7.679793	.1558727	-.002801	.9538926	2.500208	-.000021
Stddev	.09357	.027121	.0025711	.000293	.0014614	.013651	.001858
%RSD	.4627513	.3531453	1.649490	10.45766	.1532017	.5459849	8945.258
#1	20.29013	7.660193	.1564526	-.002973	.9542178	2.491569	.000100
#2	20.11381	7.668440	.1530611	-.002463	.9522960	2.493110	-.001936
#3	20.25627	7.710745	.1581043	-.002967	.9551640	2.515945	.001773

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-22 Acquired: 06/29/2024 2:10:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.633078	.3786933	.3603315
Stddev	.006164	.0014107	.0012255
%RSD	.3774205	.3725088	.3400954
#1	1.636976	.3801608	.3613554
#2	1.625972	.3785715	.3589737
#3	1.636285	.3773474	.3606654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.230	32118.40	4503.116	1056.819	2491.278
Stddev	3.860	119.10	14.193	8.331	4.564
%RSD	.1982300	.3708043	.3151826	.7883351	.1832100
#1	1942.776	32051.47	4486.783	1050.929	2486.036
#2	1949.318	32047.83	4512.452	1053.176	2493.432
#3	1949.597	32255.91	4510.113	1066.351	2494.367

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2825-01 Acquired: 06/29/2024 2:14:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2705676	-.011308	.3465753	-.044362	.0066169	93.70663
Stddev	.0062877	.001918	.0019745	.000918	.0025387	.16480
%RSD	2.323898	16.96284	.5697290	2.069816	38.36638	.1758643
#1	.2744376	-.013500	.3488410	-.043321	.0052255	93.59635
#2	.2633126	-.010485	.3456632	-.044708	.0095471	93.89607
#3	.2739526	-.009938	.3452217	-.045057	.0050782	93.62747

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9907125	.0037514	.0101654	55.22400	.1102390	.1212709
Stddev	.0024611	.0000731	.0002710	.22109	.0004134	.0003946
%RSD	.2484145	1.949381	2.665624	.4003525	.3750462	.3253863
#1	.9891762	.0038316	.0100470	55.06642	.1101258	.1210269
#2	.9935511	.0036884	.0099738	55.47674	.1098940	.1217261
#3	.9894103	.0037344	.0104754	55.12884	.1106973	.1210596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3912561	209.1751	6.194583	54.91015	.1583581	-.002897
Stddev	.0049174	.3666	.017189	.31115	.0005457	.000224
%RSD	1.256810	.1752584	.2774859	.5666470	.3446042	7.744175
#1	.3858263	208.9640	6.179837	54.62713	.1577645	-.003152
#2	.3925328	209.5984	6.213462	55.24333	.1588380	-.002727
#3	.3954091	208.9628	6.190451	54.86000	.1584719	-.002814

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.147191	.2848533	1.091943	23.01903	F 14.08588	.0937501
Stddev	.162914	.0034806	.006892	.10014	.03279	.0008753
%RSD	14.20115	1.221907	.6311848	.4350490	.2327959	.9336491
#1	1.319118	.2829705	1.088991	22.90526	14.05937	.0930624
#2	1.127347	.2888698	1.087018	23.05797	14.07572	.0947354
#3	.995107	.2827197	1.099819	23.09385	14.12255	.0934526

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2825-01 Acquired: 06/29/2024 2:14:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000860	1.974153	2.304750	-.000609	.5930445	.1720518
Stddev	.000536	.012056	.010179	.000660	.0046052	.0012106
%RSD	62.38773	.6107050	.4416658	108.3677	.7765282	.7036103
#1	-.000682	1.988073	2.304822	-.001360	.5909587	.1713964
#2	-.000435	1.967304	2.314893	-.000346	.5983235	.1713102
#3	-.001463	1.967080	2.294535	-.000121	.5898513	.1734488

Elem	Sr4077
Units	ppm
Avg	.1597602
Stddev	.0002554
%RSD	.1598391
#1	.1595137
#2	.1600236
#3	.1597432

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.395	33232.79	4680.126	1097.341	2617.763
Stddev	3.313	99.83	11.890	2.671	3.952
%RSD	.1654305	.3004021	.2540479	.2433783	.1509744
#1	2003.569	33229.55	4685.699	1095.097	2621.062
#2	2004.960	33334.21	4666.473	1096.631	2618.844
#3	1998.655	33134.62	4688.206	1100.295	2613.383

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-02 Acquired: 06/29/2024 2:19:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2527605	-.013513	.3237607	-.046301	.0073001	89.26934
Stddev	.0019400	.003361	.0017311	.003662	.0003814	.00547
%RSD	.7675171	24.86983	.5346874	7.909159	5.223968	.0061322
#1	.2549578	-.017331	.3223779	-.049636	.0077149	89.27529
#2	.2512842	-.011003	.3257022	-.042382	.0072207	89.26823
#3	.2520396	-.012205	.3232022	-.046883	.0069647	89.26451

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9322042	.0034201	.0091883	52.55749	.0985024	.1158491
Stddev	.0029932	.0000999	.0001330	.14271	.0009086	.0003467
%RSD	.3210879	2.920267	1.447046	.2715269	.9224469	.2992245
#1	.9288278	.0033879	.0091242	52.39483	.0979110	.1155523
#2	.9345320	.0033404	.0090996	52.66169	.0980476	.1157650
#3	.9332528	.0035321	.0093412	52.61593	.0995486	.1162301

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3668965	199.1129	5.932150	52.00981	.1460167	-.003026
Stddev	.0041975	.4100	.022860	.10753	.0002604	.000341
%RSD	1.144043	.2059173	.3853661	.2067544	.1783649	11.27657
#1	.3712997	198.8668	5.906629	51.94516	.1462635	-.003420
#2	.3629407	198.8857	5.939068	51.95033	.1460421	-.002836
#3	.3664490	199.5862	5.950752	52.13395	.1457445	-.002822

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.148082	.2734444	1.007600	21.51431	F 13.30275	.0925715
Stddev	.185436	.0014833	.001108	.07915	.03463	.0019168
%RSD	16.15182	.5424452	.1099583	.3679162	.2603117	2.070646
#1	1.350465	.2751504	1.008316	21.58218	13.33309	.0903726
#2	.986331	.2727233	1.006324	21.42736	13.26502	.0934518
#3	1.107449	.2724596	1.008159	21.53339	13.31015	.0938900

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-02 Acquired: 06/29/2024 2:19:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001030	1.755304	2.256903	-.001354	.5705212	.1652442
Stddev	.000583	.010248	.010439	.001210	.0017296	.0016145
%RSD	56.63729	.5838478	.4625355	89.33568	.3031633	.9770272
#1	-.001699	1.748674	2.250016	-.000760	.5690443	.1658795
#2	-.000626	1.767108	2.251779	-.002746	.5724240	.1634087
#3	-.000766	1.750131	2.268914	-.000556	.5700952	.1664443

Elem	Sr4077
Units	ppm
Avg	.1504502
Stddev	.0007049
%RSD	.4685340
#1	.1512169
#2	.1498302
#3	.1503037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.453	33132.91	4638.432	1083.779	2622.919
Stddev	1.182	256.41	12.797	4.715	1.898
%RSD	.0594015	.7738865	.2758998	.4350440	.0723535
#1	1990.669	32871.26	4634.164	1079.493	2621.098
#2	1989.381	33143.72	4652.818	1083.014	2624.886
#3	1988.309	33383.74	4628.314	1088.830	2622.774

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-01LX5 Acquired: 06/29/2024 2:23:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523669	-.001594	.0687574	-.011077	.0007937	20.40449	.2173934
Stddev	.0019983	.002339	.0018444	.004295	.0008952	.06353	.0007193
%RSD	3.815919	146.7589	2.682539	38.77162	112.7802	.3113627	.3308903
#1	.0546614	-.000840	.0705454	-.007734	.0018039	20.45731	.2180553
#2	.0510083	-.004218	.0688656	-.015921	.0000991	20.42218	.2174970
#3	.0514310	.000275	.0668612	-.009577	.0004781	20.33399	.2166279

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009213	.0016656	12.22846	.0235799	.0233466	.0898770	47.16240
Stddev	.0000222	.0001598	.04857	.0007151	.0001757	.0018378	.01514
%RSD	2.415476	9.593797	.3971831	3.032788	.7526003	2.044778	.0321106
#1	.0009457	.0015825	12.28381	.0228153	.0231719	.0912818	47.17535
#2	.0009162	.0015645	12.20862	.0236923	.0233446	.0877971	47.14574
#3	.0009021	.0018498	12.19295	.0242322	.0235233	.0905521	47.16610

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.381771	12.00273	.0309604	-.000747	.4320862	.0644733	.2386690
Stddev	.001671	.11043	.0003806	.000389	.0650122	.0020004	.0078886
%RSD	.1209580	.9200217	1.229140	52.06028	15.04612	3.102694	3.305251
#1	1.382738	12.09733	.0307879	-.000426	.3731830	.0634001	.2325209
#2	1.382734	12.02948	.0306967	-.001179	.5018416	.0667813	.2359223
#3	1.379841	11.88139	.0313967	-.000636	.4212341	.0632385	.2475637

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.769379	2.779806	.0226346	-.000935	.3808184	.5708975	.0018793
Stddev	.076076	.015394	.0005227	.000354	.0032165	.0057229	.0015403
%RSD	1.595087	.5537768	2.309321	37.89173	.8446314	1.002441	81.96182
#1	4.740742	2.768233	.0223074	-.000535	.3823630	.5710920	.0036228
#2	4.711776	2.773909	.0223590	-.001060	.3771210	.5765207	.0013115
#3	4.855617	2.797277	.0232375	-.001210	.3829714	.5650798	.0007035

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-01LX5 Acquired: 06/29/2024 2:23:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1337322	.0612445	.0355504
Stddev	.0014926	.0024376	.0000629
%RSD	1.116106	3.980184	.1768362
#1	.1334662	.0639020	.0355013
#2	.1323906	.0591124	.0356213
#3	.1353400	.0607193	.0355286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.785	31468.47	4241.097	1037.149	2833.010
Stddev	2.907	247.39	6.287	11.324	4.573
%RSD	.1525283	.7861430	.1482394	1.091810	.1614232
#1	1907.233	31378.82	4235.475	1036.301	2834.300
#2	1907.682	31748.18	4239.930	1048.873	2836.799
#3	1902.438	31278.40	4247.886	1026.273	2827.930

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-03 Acquired: 06/29/2024 2:28:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2924241	.0822849	.3033143	.0357254	.1557525	80.24995
Stddev	.0053364	.0038299	.0050659	.0022848	.0027090	.46516
%RSD	1.824885	4.654397	1.670174	6.395567	1.739300	.5796403
#1	.2873659	.0807533	.2977534	.0337757	.1535145	80.00228
#2	.2919055	.0794579	.3076665	.0382395	.1549789	80.78654
#3	.2980008	.0866436	.3045231	.0351609	.1587642	79.96102

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.355614	.0928671	.1023496	41.24700	.4431047	1.020531
Stddev	.015332	.0005319	.0002391	.19468	.0009715	.001042
%RSD	.3519952	.5727371	.2336010	.4719892	.2192495	.1021139
#1	4.345349	.0923450	.1022164	41.07732	.4428710	1.020778
#2	4.373238	.0928480	.1022069	41.45954	.4422713	1.019387
#3	4.348256	.0934083	.1026257	41.20414	.4441717	1.021427

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7517241	184.4636	6.137214	39.47003	1.034656	.0676659
Stddev	.0063211	.7226	.025243	.16450	.003152	.0001412
%RSD	.8408811	.3917070	.4113083	.4167808	.3046218	.2086676
#1	.7453889	183.9898	6.114991	39.31215	1.034224	.0677834
#2	.7580310	185.2953	6.164660	39.64044	1.031742	.0677051
#3	.7517525	184.1058	6.131992	39.45750	1.038001	.0675093

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8888015	1.129322	1.607526	16.52291	F 10.10179	.0921676
Stddev	.0353013	.009639	.016295	.09435	.02662	.0027658
%RSD	3.971791	.8535337	1.013662	.5710363	.2635620	3.000849
#1	.8486763	1.118202	1.618685	16.52320	10.07405	.0907842
#2	.9026460	1.135290	1.615067	16.61712	10.10419	.0953522
#3	.9150821	1.134474	1.588827	16.42842	10.12714	.0903664

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-03 Acquired: 06/29/2024 2:28:04 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD542S Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4832645	1.128133	3.549457	-.001485	.6058701	.1355837
Stddev	.0013596	.003385	.015806	.000345	.0030307	.0026825
%RSD	.2813276	.3000625	.4452980	23.24620	.5002240	1.978457
#1	.4820304	1.129607	3.532360	-.001450	.6030754	.1325306
#2	.4830413	1.124261	3.563537	-.001846	.6090916	.1366575
#3	.4847219	1.130531	3.552473	-.001158	.6054433	.1375628

Elem	Sr4077
Units	ppm
Avg	.1229539
Stddev	.0006900
%RSD	.5611583
#1	.1226505
#2	.1237436
#3	.1224676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.841	32875.78	4509.103	1073.735	2658.283
Stddev	5.249	202.41	11.817	7.815	4.405
%RSD	.2655372	.6156783	.2620699	.7277896	.1657180
#1	1973.333	32655.63	4502.714	1064.730	2653.200
#2	1982.875	33053.83	4522.739	1077.744	2660.978
#3	1974.314	32917.89	4501.856	1078.732	2660.672

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-04 Acquired: 06/29/2024 2:32:21 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5P9 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2875415	-.008880	.1174085	-.046601	.0068362	85.75463	1.785380
Stddev	.0130131	.003478	.0017152	.004417	.0009545	.18083	.003522
%RSD	4.525658	39.16914	1.460845	9.477223	13.96216	.2108736	.1972941
#1	.3025100	-.009698	.1158937	-.050794	.0075774	85.83730	1.789146
#2	.2789169	-.005066	.1192708	-.041991	.0057592	85.54724	1.784828
#3	.2811977	-.011877	.1170608	-.047019	.0071720	85.87935	1.782166

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032478	.0075572	81.22416	.2363800	.1506799	.3227172	195.3221
Stddev	.0000374	.0000207	.15822	.0016082	.0005279	.0010523	.6156
%RSD	1.149957	.2734463	.1947910	.6803336	.3503582	.3260685	.3151885
#1	.0032881	.0075569	81.35709	.2355304	.1500969	.3236616	195.4073
#2	.0032407	.0075781	81.04916	.2353749	.1508173	.3229071	194.6683
#3	.0032144	.0075367	81.26624	.2382348	.1511256	.3215829	195.8907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.03221	57.10872	.2465801	-.003966	1.357099	.4466664	.4831314
Stddev	.02678	.19019	.0012181	.000482	.223008	.0026105	.0058550
%RSD	.2054960	.3330308	.4939894	12.14646	16.43270	.5844353	1.211890
#1	13.03372	57.14914	.2462149	-.004252	1.441212	.4489340	.4876143
#2	13.00470	56.90156	.2455864	-.004237	1.525819	.4438127	.4765071
#3	13.05820	57.27545	.2479390	-.003410	1.104267	.4472525	.4852729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.07569	4.680645	.0911809	-.000468	.7145153	3.016134	-.003046
Stddev	.07601	.007365	.0019711	.000321	.0065606	.008046	.001686
%RSD	.6294746	.1573548	2.161720	68.65939	.9181949	.2667621	55.33380
#1	12.04646	4.672421	.0900921	-.000118	.7220908	3.009247	-.004908
#2	12.01863	4.682878	.0899944	-.000535	.7107642	3.014178	-.001623
#3	12.16198	4.686635	.0934562	-.000749	.7106911	3.024978	-.002608

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-04 Acquired: 06/29/2024 2:32:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5703818	.2061499	.2944230
Stddev	.0035286	.0022376	.0006520
%RSD	.6186428	1.085433	.2214415
#1	.5680840	.2062431	.2948757
#2	.5686168	.2038672	.2936758
#3	.5744447	.2083395	.2947176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.252	35408.43	4937.037	1154.087	2565.296
Stddev	1.517	202.40	24.575	9.357	3.088
%RSD	.0716678	.5716115	.4977684	.8108087	.1203905
#1	2114.511	35174.73	4910.877	1143.525	2566.163
#2	2117.289	35523.81	4959.640	1161.339	2567.858
#3	2116.955	35526.76	4940.595	1157.398	2561.866

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-05 Acquired: 06/29/2024 2:36:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5744406	-.020300	.1847039	-.071111	.0167544	170.7813	2.409464
Stddev	.0077979	.001095	.0034696	.001803	.0024548	.5010	.004742
%RSD	1.357486	5.392612	1.878481	2.535172	14.65183	.2933749	.1968183
#1	.5828477	-.019385	.1807824	-.069235	.0195321	171.0065	2.407878
#2	.5730295	-.020001	.1859540	-.071268	.0158547	170.2072	2.405718
#3	.5674445	-.021513	.1873752	-.072831	.0148763	171.1303	2.414796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053326	.0122324	48.49353	.3758393	.2811921	.5653695	339.8646
Stddev	.0001123	.0001655	.10129	.0007833	.0005166	.0049891	.6497
%RSD	2.105985	1.353272	.2088693	.2084049	.1837291	.8824500	.1911505
#1	.0054612	.0122925	48.53067	.3752707	.2806909	.5679638	340.2007
#2	.0052827	.0120453	48.37892	.3767327	.2811623	.5596177	339.1157
#3	.0052538	.0123596	48.57101	.3755144	.2817229	.5685268	340.2772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48874	108.3272	.5343126	-.005168	1.411824	.8131614	.5737237
Stddev	.02594	.5027	.0013663	.000510	.172180	.0008628	.0128004
%RSD	.1790569	.4640668	.2557182	9.867079	12.19561	.1061031	2.231114
#1	14.50120	108.6366	.5339458	-.005750	1.496077	.8135756	.5878737
#2	14.45891	107.7471	.5331671	-.004950	1.525653	.8121696	.5629496
#3	14.50610	108.5978	.5358249	-.004803	1.213742	.8137389	.5703477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.87545	6.547595	.1459421	-.002653	.6653364	3.188417	.0017994
Stddev	.01513	.005846	.0038882	.000564	.0084961	.018842	.0018063
%RSD	.1175176	.0892796	2.664233	21.27366	1.276959	.5909639	100.3869
#1	12.89290	6.544072	.1466229	-.002970	.6555967	3.200115	.0007275
#2	12.86593	6.544370	.1494451	-.002001	.6691881	3.166681	.0038849
#3	12.86753	6.554343	.1417585	-.002987	.6712244	3.198454	.0007857

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-05 Acquired: 06/29/2024 2:36:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5385772	.3689823	.5622002
Stddev	.0007285	.0008530	.0035332
%RSD	.1352687	.2311808	.6284656
#1	.5390809	.3681065	.5655526
#2	.5377419	.3698105	.5585104
#3	.5389089	.3690299	.5625377

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.017	34354.66	4904.602	1121.421	2487.524
Stddev	3.558	29.72	26.073	2.335	2.485
%RSD	.1721389	.0865032	.5316102	.2082582	.0999109
#1	2069.510	34328.88	4883.598	1119.858	2485.718
#2	2068.598	34347.92	4933.784	1124.106	2490.358
#3	2062.942	34387.16	4896.424	1120.300	2486.495

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-06 Acquired: 06/29/2024 2:41:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4553601	-.008595	.1639479	-.063511	.0121709	119.7659	3.433075
Stddev	.0061839	.002061	.0026062	.004326	.0023853	.3885	.004352
%RSD	1.358031	23.97624	1.589663	6.810622	19.59870	.3243472	.1267590
#1	.4559647	-.010835	.1667995	-.068463	.0095166	119.5566	3.431718
#2	.4612195	-.008171	.1633551	-.061601	.0128607	120.2141	3.437944
#3	.4488961	-.006780	.1616892	-.060470	.0141353	119.5270	3.429564

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037351	.0101804	44.05399	.3932601	.2339170	.4861547	307.2632
Stddev	.0002235	.0000116	.07619	.0007308	.0005380	.0050754	.8484
%RSD	5.983064	.1137617	.1729396	.1858364	.2300012	1.043985	.2761019
#1	.0039332	.0101938	43.96803	.3933882	.2335805	.4843269	306.3903
#2	.0037791	.0101738	44.11319	.3924737	.2336331	.4918908	308.0846
#3	.0034928	.0101736	44.08073	.3939184	.2345375	.4822464	307.3147

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.48909	83.68795	.4143723	-.004944	1.411495	.6508848	.6691800
Stddev	.08298	.44489	.0008475	.000508	.118279	.0072749	.0101977
%RSD	.3132456	.5316116	.2045187	10.28327	8.379728	1.117690	1.523905
#1	26.39854	83.21120	.4147203	-.004363	1.506465	.6499951	.6697321
#2	26.56149	84.09205	.4149904	-.005304	1.449014	.6585635	.6790904
#3	26.50725	83.76059	.4134063	-.005167	1.279007	.6440956	.6587175

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.70313	7.147743	.1440981	-.001902	1.283403	1.958971	.0017543
Stddev	.08887	.023800	.0016359	.000924	.006788	.014831	.0019355
%RSD	.3457609	.3329762	1.135237	48.58221	.5289444	.7571036	110.3284
#1	25.62702	7.122300	.1425473	-.002400	1.291029	1.952522	-.000475
#2	25.80080	7.169461	.1439394	-.000836	1.281163	1.948456	.003009
#3	25.68156	7.151467	.1458075	-.002469	1.278018	1.975935	.002728

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-06 Acquired: 06/29/2024 2:41:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5468132	.3026644	.4237995
Stddev	.0021664	.0013162	.0019971
%RSD	.3961965	.4348549	.4712273
#1	.5487961	.3039557	.4230891
#2	.5471427	.3013247	.4260546
#3	.5445009	.3027129	.4222548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.890	34087.00	4770.550	1114.037	2543.647
Stddev	1.662	151.23	10.739	7.155	1.933
%RSD	.0813693	.4436541	.2251117	.6422773	.0759952
#1	2044.682	33965.17	4770.253	1105.971	2543.742
#2	2042.592	34039.57	4781.435	1116.518	2545.531
#3	2041.398	34256.26	4759.963	1119.621	2541.668

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-07 Acquired: 06/29/2024 2:45:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4917243	-.021191	.3021085	-.080353	.0188771	163.6997
Stddev	.0122676	.003101	.0022233	.010864	.0022227	.4476
%RSD	2.494809	14.63332	.7359205	13.52091	11.77444	.2734331
#1	.4921510	-.019843	.2998338	-.092855	.0208591	163.4568
#2	.4792489	-.018992	.3022151	-.073205	.0192981	164.2162
#3	.5037729	-.024738	.3042765	-.074998	.0164740	163.4261

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.547147	.0047768	.0158528	62.09173	.5234782	.2588672
Stddev	.004039	.0000406	.0001755	.18891	.0028744	.0014103
%RSD	.1585837	.8495263	1.106732	.3042429	.5490995	.5447769
#1	2.550350	.0048026	.0157350	62.20425	.5219355	.2602926
#2	2.548483	.0047300	.0157690	62.19732	.5267947	.2574726
#3	2.542609	.0047978	.0160545	61.87364	.5217046	.2588366

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9048775	352.0888	16.91453	106.8977	.5072367	-.006639
Stddev	.0018276	.2476	.01417	.2360	.0038125	.000568
%RSD	.2019664	.0703344	.0837989	.2207591	.7516265	8.555107
#1	.9031133	351.8078	16.91011	106.6339	.5084597	-.007273
#2	.9067624	352.1836	16.93039	106.9703	.5029628	-.006177
#3	.9047568	352.2751	16.90309	107.0888	.5102877	-.006466

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.797141	.7958130	1.264975	38.06603	F 12.96966	.1665350
Stddev	.207357	.0046405	.014943	.08318	.01758	.0037175
%RSD	11.53818	.5831138	1.181267	.2185106	.1355150	2.232255
#1	1.952242	.7928445	1.264886	37.97580	12.97383	.1664966
#2	1.561620	.7934340	1.250077	38.13965	12.95037	.1628368
#3	1.877561	.8011606	1.279962	38.08265	12.98477	.1702715

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2825-07 Acquired: 06/29/2024 2:45:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001192	3.161317	2.660608	.0016228	.8641572	.3609382
Stddev	.0000614	.007135	.023854	.0013522	.0016616	.0002178
%RSD	51.52285	.2257036	.8965678	83.32006	.1922842	.0603497
#1	.0001845	3.153087	2.663241	.0029687	.8646527	.3610820
#2	.0001106	3.165101	2.683036	.0016354	.8623042	.3606876
#3	.0000625	3.165764	2.635546	.0002645	.8655148	.3610450

Elem	Sr4077
Units	ppm
Avg	.4760295
Stddev	.0023753
%RSD	.4989747
#1	.4734809
#2	.4781816
#3	.4764259

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.637	33725.61	4720.075	1101.563	2509.422
Stddev	3.687	297.46	4.357	6.005	4.254
%RSD	.1823531	.8819856	.0923102	.5450922	.1695381
#1	2025.882	34061.04	4718.896	1105.147	2513.987
#2	2019.239	33621.87	4716.428	1104.910	2508.709
#3	2019.789	33493.91	4724.900	1094.630	2505.568

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-08 Acquired: 06/29/2024 2:49:45 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5Q3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3745452	-.008352	.1369327	-.060016	.0098884	144.9094	3.617994
Stddev	.0084653	.001301	.0040991	.003968	.0027812	.7867	.013040
%RSD	2.260146	15.57417	2.993526	6.612200	28.12610	.5428635	.3604094
#1	.3830492	-.009670	.1378136	-.064578	.0084434	144.0020	3.603025
#2	.3661192	-.007069	.1324648	-.057362	.0081272	145.3264	3.626884
#3	.3744673	-.008317	.1405198	-.058107	.0130947	145.3998	3.624074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035988	.0082392	91.38003	.3189777	.2307208	.4037427	269.9861
Stddev	.0001761	.0002190	.32530	.0002694	.0007190	.0035870	1.5072
%RSD	4.892911	2.658207	.3559870	.0844476	.3116404	.8884439	.5582608
#1	.0034536	.0084917	91.00445	.3187476	.2303370	.3996689	268.2782
#2	.0035482	.0081017	91.57275	.3192740	.2302750	.4051314	271.1299
#3	.0037946	.0081240	91.56290	.3189115	.2315502	.4064277	270.5501

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.36262	118.5463	.4292115	-.005777	10.28301	.5818157	.5896277
Stddev	.10106	.7209	.0024588	.000308	.31471	.0062153	.0100830
%RSD	.4148236	.6080813	.5728750	5.325023	3.060482	1.068263	1.710062
#1	24.24799	117.7140	.4279396	-.006125	9.92434	.5746422	.5967866
#2	24.43886	118.9596	.4276491	-.005666	10.51296	.5852111	.5940000
#3	24.40100	118.9655	.4320457	-.005541	10.41173	.5855937	.5780965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.14122	6.469432	.1260334	-.001233	.2875066	1.664329	-.001340
Stddev	.14863	.013787	.0012710	.000346	.0075527	.017722	.000884
%RSD	1.465564	.2131162	1.008451	28.09009	2.626959	1.064797	65.99182
#1	9.97549	6.458670	.1269599	-.000911	.2960084	1.644147	-.001807
#2	10.26269	6.464653	.1265558	-.001189	.2815729	1.671491	-.000320
#3	10.18546	6.484973	.1245844	-.001599	.2849383	1.677350	-.001893

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-08 Acquired: 06/29/2024 2:49:45 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5Q3 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5263578	.3269268	.7294551
Stddev	.0024335	.0013362	.0061000
%RSD	.4623222	.4087111	.8362468
#1	.5238717	.3278251	.7225233
#2	.5264668	.3253913	.7340043
#3	.5287350	.3275639	.7318376

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.274	33746.23	4733.006	1112.458	2475.972
Stddev	.042	118.93	27.718	4.626	6.899
%RSD	.0020674	.3524100	.5856317	.4158168	.2786317
#1	2036.311	33614.31	4763.207	1107.122	2477.947
#2	2036.283	33779.18	4727.082	1114.908	2481.668
#3	2036.228	33845.21	4708.729	1115.343	2468.301

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-09 Acquired: 06/29/2024 2:54:05 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5Q4 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.855653	-.016113	.0488369	-.079640	.0366978	147.7365	1.396944
Stddev	.018778	.003089	.0038457	.006505	.0037774	1.2128	.007787
%RSD	1.011940	19.16714	7.874520	8.168451	10.29323	.8209015	.5574391
#1	1.844171	-.013401	.0486539	-.072735	.0323982	146.6984	1.392605
#2	1.845465	-.019475	.0527708	-.085653	.0382126	147.4416	1.392293
#3	1.877323	-.015464	.0450860	-.080533	.0394828	149.0695	1.405934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028328	.0112876	397.4345	2.804799	.3424010	.7409608	376.9566
Stddev	.0000543	.0001632	1.9432	.009278	.0018845	.0049392	2.3367
%RSD	1.916665	1.445956	.4889387	.3308005	.5503647	.6665984	.6198877
#1	.0028750	.0111718	395.8026	2.804445	.3408891	.7379697	374.8254
#2	.0028518	.0112168	396.9168	2.814250	.3418016	.7382508	376.5893
#3	.0027715	.0114743	399.5842	2.795703	.3445122	.7466618	379.4553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.77093	122.7201	1.659306	-.008958	2.625710	.8864492	.5949426
Stddev	.14003	.9190	.007232	.000749	.064341	.0027281	.0068645
%RSD	.6149447	.7488697	.4358189	8.358005	2.450432	.3077537	1.153809
#1	22.64855	121.9327	1.654929	-.009689	2.559180	.8833282	.5883468
#2	22.74060	122.4976	1.655336	-.008193	2.687612	.8876396	.5944335
#3	22.92364	123.7299	1.667653	-.008993	2.630338	.8883797	.6020474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.072759	7.025656	.1665562	.0012718	.4054962	1.859216	.0010856
Stddev	.035327	.014166	.0037087	.0008794	.0019768	.004971	.0036089
%RSD	.8674087	.2016325	2.226703	69.14368	.4874993	.2673643	332.4296
#1	4.086692	7.009353	.1649413	.0002870	.4067412	1.855758	-.002537
#2	4.032589	7.032642	.1639287	.0015500	.4032168	1.864913	.001113
#3	4.098995	7.034971	.1707985	.0019785	.4065306	1.856978	.004681

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-09 Acquired: 06/29/2024 2:54:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5647597	.4105747	.6065145
Stddev	.0040126	.0021092	.0054885
%RSD	.7105018	.5137223	.9049211
#1	.5620824	.4102885	.6013928
#2	.5628235	.4128124	.6058426
#3	.5693733	.4086232	.6123079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.391	30795.99	4488.402	997.2325	2342.160
Stddev	2.832	144.15	22.722	3.9632	8.263
%RSD	.1547166	.4680918	.5062411	.3974167	.3527857
#1	1832.221	30917.88	4509.326	1001.753	2349.440
#2	1831.823	30636.87	4464.231	995.588	2343.859
#3	1827.129	30833.22	4491.648	994.356	2333.179

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-10 Acquired: 06/29/2024 3:07:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4382092	-.015053	.3127454	-.073995	.0150759	143.5834	2.705160
Stddev	.0118291	.005684	.0018177	.003280	.0029795	.7973	.009599
%RSD	2.699429	37.76214	.5812211	4.432256	19.76321	.5552835	.3548571
#1	.4518666	-.014473	.3130557	-.070249	.0116929	142.7185	2.694650
#2	.4315686	-.021004	.3107926	-.076350	.0162254	143.7425	2.707364
#3	.4311925	-.009680	.3143881	-.075387	.0173095	144.2891	2.713466

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049642	.0142323	37.89917	.3007592	.2319422	.7737439	349.8253
Stddev	.0001426	.0000325	.15905	.0012907	.0010632	.0042546	1.8990
%RSD	2.873227	.2285672	.4196665	.4291445	.4583732	.5498786	.5428346
#1	.0048762	.0142673	37.72699	.3004476	.2321279	.7688908	347.6514
#2	.0051288	.0142268	37.92991	.3021772	.2329003	.7768317	350.6640
#3	.0048877	.0142029	38.04060	.2996528	.2307984	.7755094	351.1606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.18495	88.23720	.4169696	-.005688	1.399786	.7529367	.7298062
Stddev	.10090	.39835	.0002989	.000210	.052982	.0039021	.0048896
%RSD	.5259183	.4514547	.0716744	3.694452	3.785021	.5182467	.6699821
#1	19.06874	87.78756	.4170171	-.005660	1.459307	.7492856	.7242387
#2	19.23585	88.37803	.4172419	-.005493	1.357776	.7570488	.7317777
#3	19.25026	88.54601	.4166499	-.005910	1.382273	.7524758	.7334023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.21019	7.547441	.1648052	-.001502	.8168666	2.199664	.0035735
Stddev	.00788	.027376	.0022973	.000370	.0230142	.008690	.0015453
%RSD	.0339335	.3627245	1.393937	24.65926	2.817375	.3950644	43.24297
#1	23.21478	7.537640	.1626736	-.001075	.8257245	2.199538	.0028877
#2	23.21470	7.578369	.1672384	-.001726	.8341357	2.191037	.0053430
#3	23.20110	7.526314	.1645037	-.001706	.7907395	2.208416	.0024898

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-10 Acquired: 06/29/2024 3:07:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5943221	.3209587	.4523026
Stddev	.0036851	.0015068	.0017627
%RSD	.6200472	.4694597	.3897143
#1	.5900742	.3193744	.4509669
#2	.5966611	.3211280	.4543005
#3	.5962310	.3223736	.4516404

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.138	33761.48	4724.171	1099.721	2543.686
Stddev	2.225	63.45	6.627	2.249	2.051
%RSD	.1092186	.1879247	.1402867	.2045095	.0806331
#1	2038.124	33816.02	4716.745	1099.940	2546.051
#2	2038.699	33691.85	4729.486	1097.371	2542.401
#3	2034.590	33776.56	4726.281	1101.853	2542.605

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-11 Acquired: 06/29/2024 3:11:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4017185	.0072675	.2997881	-.046586	.0064000	102.8335
Stddev	.0073111	.0014297	.0008604	.005631	.0036516	.3286
%RSD	1.819952	19.67293	.2870058	12.08651	57.05685	.3195075
#1	.3933056	.0067936	.3001066	-.043140	.0031918	102.7846
#2	.4053171	.0088740	.2988139	-.043533	.0056346	102.5322
#3	.4065327	.0061349	.3004439	-.053083	.0103737	103.1838

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.105526	.0026801	.0089588	197.1783	.2331369	.2015920
Stddev	.007765	.0000357	.0002169	.4867	.0004090	.0006828
%RSD	.1891452	1.332285	2.421066	.2468288	.1754260	.3386968
#1	4.103940	.0026523	.0087140	197.1057	.2329086	.2008524
#2	4.098676	.0027204	.0090358	196.7320	.2336090	.2017256
#3	4.113962	.0026677	.0091268	197.6973	.2328930	.2021982

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3308537	207.1720	F 35.43357	73.13997	.3417441	-.004035
Stddev	.0040084	.3951	.08205	.25438	.0017946	.000195
%RSD	1.211535	.1906930	.2315463	.3478041	.5251338	4.827081
#1	.3264457	207.2311	35.42887	72.98704	.3401702	-.003824
#2	.3318352	206.7507	35.35398	72.99924	.3413637	-.004208
#3	.3342802	207.5341	35.51787	73.43362	.3436984	-.004072

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.348782	.5183894	.5003027	13.70354	9.653753	.0968955
Stddev	.182529	.0041633	.0106499	.12779	.019271	.0007274
%RSD	13.53286	.8031253	2.128681	.9325334	.1996259	.7507255
#1	1.146363	.5152161	.4913783	13.84519	9.634394	.0961226
#2	1.500852	.5168487	.4974379	13.59691	9.653931	.0969971
#3	1.399130	.5231035	.5120920	13.66852	9.672935	.0975668

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2825-11 Acquired: 06/29/2024 3:11:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001419	.4310097	1.763106	-.002614	.4785011	.3097578
Stddev	.000236	.0242796	.014642	.001228	.0025007	.0001688
%RSD	16.61382	5.633181	.8304620	46.97483	.5226064	.0544956
#1	-.001630	.4054121	1.771585	-.004009	.4764435	.3098848
#2	-.001462	.4537115	1.771534	-.002138	.4777756	.3098224
#3	-.001164	.4339054	1.746199	-.001696	.4812844	.3095662

Elem	Sr4077
Units	ppm
Avg	.5205028
Stddev	.0014627
%RSD	.2810165
#1	.5211838
#2	.5188237
#3	.5215008

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2050.473	34127.30	4832.222	1115.009	2450.439
Stddev	2.781	216.20	17.437	6.717	2.763
%RSD	.1356390	.6335035	.3608524	.6023794	.1127563
#1	2051.191	34238.21	4813.352	1119.450	2453.205
#2	2052.825	34265.55	4835.577	1118.294	2450.433
#3	2047.404	33878.16	4847.739	1107.282	2447.679

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV087 Acquired: 06/29/2024 3:16:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.993802	4.824614	24.73609	4.722769	4.867797	389.8161	9.827649
Stddev	.028757	.025711	.09665	.012680	.019182	.8504	.016877
%RSD	.5758571	.5329046	.3907281	.2684769	.3940547	.2181421	.1717291
#1	4.982129	4.803051	24.69581	4.718318	4.852151	390.7909	9.846324
#2	4.972716	4.817724	24.66610	4.712915	4.862043	389.2262	9.823133
#3	5.026560	4.853068	24.84637	4.737074	4.889197	389.4314	9.813489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5042090	2.496451	395.6569	15.37591	2.488006	14.58605	390.7517
Stddev	.0028831	.009177	.3695	.01877	.010584	.04224	.2565
%RSD	.5718110	.3676155	.0933915	.1220570	.4253842	.2896083	.0656508
#1	.5055375	2.495120	396.0647	15.37268	2.481787	14.60348	390.7915
#2	.5061883	2.488012	395.3444	15.39608	2.482005	14.53789	390.9859
#3	.5009011	2.506221	395.5618	15.35896	2.500226	14.61680	390.4775

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.34282	387.5744	2.497337	1.296763	393.7320	2.376547	14.64352
Stddev	.01290	.3801	.008361	.001986	.7941	.004169	.09313
%RSD	.0899503	.0980794	.3347769	.1531403	.2016746	.1754378	.6359547
#1	14.33817	387.9638	2.494657	1.297157	394.6021	2.379504	14.53626
#2	14.35740	387.5549	2.490646	1.298523	393.5474	2.371778	14.69048
#3	14.33288	387.2043	2.506709	1.294610	393.0466	2.378359	14.70382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.1377	4.997754	4.982977	4.837981	4.998740	5.025581	5.031096
Stddev	.3927	.030283	.036898	.009066	.015448	.029941	.010963
%RSD	.2687330	.6059274	.7404878	.1873922	.3090420	.5957773	.2178955
#1	146.4875	4.971204	4.988637	4.838655	4.992195	5.034380	5.038295
#2	145.7129	4.991323	5.016719	4.828597	4.987642	5.050137	5.018479
#3	146.2128	5.030736	4.943576	4.846691	5.016383	4.992226	5.036513

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV087 Acquired: 06/29/2024 3:16:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.769788	5.070622	4.769327
Stddev	.008399	.006536	.026038
%RSD	.1760951	.1288963	.5459424
#1	4.775788	5.071431	4.749979
#2	4.760189	5.076715	4.798931
#3	4.773389	5.063719	4.759071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1499.876	26038.19	3880.252	820.1842	2083.375
Stddev	1.615	44.89	12.705	2.3339	5.260
%RSD	.1077074	.1724098	.3274319	.2845550	.2524767
#1	1499.964	26015.75	3868.615	821.2675	2086.324
#2	1501.445	26089.87	3878.333	821.7795	2086.499
#3	1498.218	26008.93	3893.807	817.5055	2077.302

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB087 Acquired: 06/29/2024 3:25:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038499	-.000250	-.002192	-.002519	-.001668	-.022311
Stddev	.0021154	.000766	.000683	.005238	.000244	.002717
%RSD	54.94697	306.9873	31.13576	207.9047	14.60238	12.17915
#1	.0062445	-.000228	-.002105	-.000311	-.001727	-.019496
#2	.0030703	.000506	-.002914	-.008500	-.001401	-.024919
#3	.0022350	-.001027	-.001557	.001253	-.001877	-.022519

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013008	.0000661	-.000112	.0302779	-.000368	.0002736
Stddev	.0007146	.0000789	.000045	.0032954	.000764	.0002999
%RSD	54.93372	119.4184	40.07244	10.88376	207.4602	109.6041
#1	.0007814	.0001236	-.000115	.0303641	-.001095	.0006186
#2	.0021158	.0000986	-.000065	.0269403	.000428	.0001275
#3	.0010053	-.000024	-.000155	.0335293	-.000438	.0000748

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070372	.0028177	-.000101	-.035971	-.000247	.0000644
Stddev	.0032668	.0121183	.000620	.025736	.000193	.0003209
%RSD	46.42173	430.0850	614.1363	71.54444	78.14462	498.3979
#1	.0033343	.0124092	-.000754	-.047289	-.000458	-.000289
#2	.0095118	.0068454	-.000029	-.006517	-.000204	.000144
#3	.0082655	-.010802	.000480	-.054109	-.000079	.000338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3021640	.0020311	.0034257	-.214942	-.002449	.0052250
Stddev	.2341556	.0018722	.0078765	.072887	.001941	.0008592
%RSD	77.49289	92.17597	229.9222	33.90989	79.23836	16.44377
#1	.5634165	.0007198	.0080779	-.247209	-.001778	.0043755
#2	.2318630	.0041752	-.005668	-.131492	-.004636	.0060935
#3	.1112123	.0011983	.007868	-.266126	-.000933	.0052061

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCB087 Acquired: 06/29/2024 3:25:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002235	-.000141	-.000407	-.000420	.0017086	F .0357625
Stddev	.0003031	.006202	.000699	.000322	.0010804	.0029836
%RSD	135.5985	4403.911	171.4862	76.59398	63.23401	8.342860
#1	.0001129	.006705	-.001152	-.000049	.0006149	.0323717
#2	-.000009	-.001741	-.000304	-.000618	.0027752	.0369297
#3	.000566	-.005386	.000234	-.000594	.0017359	.0379861

Elem	Sr4077
Units	ppm
Avg	-.000134
Stddev	.000052
%RSD	38.94337
#1	-.000138
#2	-.000183
#3	-.000080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.013	31091.05	4103.555	1018.164	2921.608
Stddev	5.456	69.27	15.493	4.421	12.966
%RSD	.2928360	.2227842	.3775602	.4341650	.4438043
#1	1858.566	31099.30	4119.925	1018.593	2912.916
#2	1869.100	31155.82	4089.120	1013.545	2936.512
#3	1861.372	31018.02	4101.620	1022.355	2915.398

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-12 Acquired: 06/29/2024 3:30:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2500767	-.000177	.0793550	-.039141	.0069024	85.43796	2.320896
Stddev	.0036715	.001613	.0017495	.005181	.0012113	.34971	.008383
%RSD	1.468156	914.0508	2.204653	13.23698	17.54866	.4093114	.3612078
#1	.2540500	-.001294	.0776673	-.040281	.0071873	85.63268	2.323462
#2	.2468094	.001673	.0792373	-.043656	.0079459	85.64696	2.327696
#3	.2493708	-.000909	.0811604	-.033484	.0055741	85.03424	2.311529

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027663	.0042630	28.28235	.1496424	.1291396	.2444160	186.4279
Stddev	.0001962	.0000482	.07109	.0015599	.0004620	.0059596	.5404
%RSD	7.093125	1.131546	.2513534	1.042397	.3577790	2.438286	.2898641
#1	.0026871	.0042200	28.31675	.1505142	.1289319	.2407556	187.0493
#2	.0029897	.0043151	28.32970	.1505715	.1288178	.2512927	186.0686
#3	.0026220	.0042538	28.20061	.1478416	.1296690	.2411995	186.1657

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.90563	55.50358	.2082367	-.003733	1.150834	.4465009	.3699746
Stddev	.03069	.16796	.0006773	.000284	.258753	.0014029	.0142063
%RSD	.1714034	.3026045	.3252417	7.620682	22.48394	.3142000	3.839810
#1	17.93842	55.69648	.2084606	-.003854	1.211265	.4480284	.3853706
#2	17.90087	55.38974	.2087737	-.003408	1.374025	.4452700	.3573733
#3	17.87760	55.42452	.2074758	-.003936	.867214	.4462043	.3671798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.760275	2.885764	.0929821	-.000692	.2870156	1.464901	-.000345
Stddev	.074198	.017734	.0007477	.000362	.0089775	.005844	.001230
%RSD	.9561230	.6145426	.8041782	52.33203	3.127888	.3989104	356.6167
#1	7.726998	2.869057	.0937686	-.000843	.2782788	1.462133	-.001728
#2	7.708542	2.883861	.0922803	-.000279	.2865521	1.471615	.000627
#3	7.845287	2.904372	.0928975	-.000955	.2962159	1.460956	.000066

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-12 Acquired: 06/29/2024 3:30:23 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5Q7 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3314209	.2400237	.3543083
Stddev	.0022699	.0028943	.0011816
%RSD	.6848957	1.205853	.3334797
#1	.3292635	.2399501	.3550112
#2	.3337886	.2371669	.3549695
#3	.3312106	.2429542	.3529442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.718	32903.65	4522.552	1079.820	2638.853
Stddev	1.277	186.65	15.438	6.325	2.671
%RSD	.0644093	.5672483	.3413640	.5857503	.1012050
#1	1982.497	32898.60	4534.974	1074.940	2641.719
#2	1984.091	33092.77	4527.414	1086.966	2638.405
#3	1981.566	32719.58	4505.268	1077.555	2636.434

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-13 Acquired: 06/29/2024 3:34:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5507079	.0045947	.2957961	-.076618	.0164954	171.6373
Stddev	.0048769	.0006664	.0035677	.005654	.0031827	.3217
%RSD	.8855627	14.50458	1.206131	7.379952	19.29423	.1874177
#1	.5494273	.0043334	.2920645	-.070323	.0190378	171.8221
#2	.5465990	.0040985	.2961503	-.078266	.0129261	171.2659
#3	.5560972	.0053522	.2991735	-.081266	.0175224	171.8239

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.190043	.0050328	.0148317	55.01742	.3321340	.3707650
Stddev	.011299	.0000802	.0004930	.06122	.0007348	.0025454
%RSD	.1571492	1.593310	3.324329	.1112693	.2212346	.6865138
#1	7.187015	.0049476	.0143366	54.94821	.3328161	.3686962
#2	7.202548	.0050439	.0148358	55.03958	.3313560	.3699913
#3	7.180567	.0051068	.0153227	55.06448	.3322300	.3736074

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5120190	350.4021	F 51.33261	115.3021	.5169985	-.007086
Stddev	.0046651	.4465	.06445	.2475	.0033172	.000587
%RSD	.9111141	.1274302	.1255585	.2146884	.6416184	8.289996
#1	.5127256	350.2215	51.26371	115.0443	.5138926	-.007161
#2	.5070409	350.0742	51.34268	115.3239	.5166100	-.007633
#3	.5162905	350.9106	51.39143	115.5380	.5204928	-.006465

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004589	.7580088	.9282145	17.59867	5.610613	.1568871
Stddev	.156344	.0033261	.0105777	.03253	.034635	.0010511
%RSD	7.799280	.4387930	1.139580	.1848345	.6173097	.6699757
#1	1.825931	.7543251	.9249454	17.61692	5.577551	.1580877
#2	2.116372	.7589095	.9196572	17.56112	5.607655	.1564413
#3	2.071465	.7607917	.9400409	17.61797	5.646631	.1561325

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2825-13 Acquired: 06/29/2024 3:34:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003345	.7123196	2.665967	-.000094	.8173295	.4548962
Stddev	.000693	.0095232	.011972	.002509	.0021235	.0012719
%RSD	20.71545	1.336926	.4490667	2666.495	.2598093	.2795988
#1	-.003833	.7161111	2.678477	.000065	.8178499	.4555751
#2	-.002552	.7193629	2.664807	-.002679	.8149941	.4534289
#3	-.003650	.7014846	2.654618	.002332	.8191443	.4556846

Elem	Sr4077
Units	ppm
Avg	.7721477
Stddev	.0035506
%RSD	.4598409
#1	.7722712
#2	.7685369
#3	.7756350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2179.790	36131.90	5149.125	1179.168	2444.844
Stddev	6.318	158.90	11.622	4.702	11.974
%RSD	.2898422	.4397695	.2257071	.3987406	.4897679
#1	2184.559	36205.79	5147.781	1183.363	2455.920
#2	2182.186	36240.40	5161.360	1180.055	2446.473
#3	2172.624	35949.51	5138.233	1174.086	2432.139

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-14 Acquired: 06/29/2024 3:39:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4848121	-.011360	.3311383	-.066876	.0114991	150.9721
Stddev	.0102105	.004312	.0016963	.004999	.0012346	.5175
%RSD	2.106077	37.95687	.5122613	7.475437	10.73686	.3427780
#1	.4732366	-.008470	.3295422	-.067074	.0105722	151.2981
#2	.4925390	-.009294	.3309530	-.061781	.0110245	151.2429
#3	.4886607	-.016316	.3329196	-.071774	.0129006	150.3754

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.327929	.0077221	.0135893	261.4640	.3446971	.2459523
Stddev	.002992	.0000777	.0002519	.4864	.0002483	.0010379
%RSD	.1285317	1.006580	1.853433	.1860322	.0720323	.4220022
#1	2.327200	.0076476	.0135131	261.9131	.3444116	.2459471
#2	2.331219	.0077160	.0133843	261.5313	.3448174	.2449170
#3	2.325369	.0078027	.0138705	260.9474	.3448623	.2469928

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7162101	285.2426	17.52495	98.79535	.4304670	-.004738
Stddev	.0038052	1.1655	.07031	.47996	.0023902	.000312
%RSD	.5312959	.4086004	.4011868	.4858088	.5552478	6.592554
#1	.7164423	286.0397	17.56481	99.15337	.4290945	-.004671
#2	.7198938	285.7832	17.56627	98.98271	.4290795	-.004465
#3	.7122941	283.9050	17.44377	98.24998	.4332269	-.005079

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.369309	.6392410	.7088407	24.84909	F 11.15079	.1361910
Stddev	.346557	.0039288	.0117330	.05800	.01830	.0007733
%RSD	25.30890	.6145957	1.655241	.2334084	.1641277	.5678109
#1	1.026646	.6421620	.7213147	24.91367	11.13851	.1360052
#2	1.719633	.6407866	.7071822	24.83213	11.14204	.1355275
#3	1.361648	.6347746	.6980252	24.80145	11.17183	.1370403

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2825-14 Acquired: 06/29/2024 3:39:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002163	2.090305	3.661331	-.001226	.6348607	.3439680
Stddev	.000365	.004773	.027187	.000883	.0022413	.0016278
%RSD	16.86276	.2283484	.7425390	72.04165	.3530307	.4732340
#1	-.002429	2.084846	3.664587	-.000330	.6365196	.3451960
#2	-.002314	2.092382	3.632663	-.002096	.6357515	.3445864
#3	-.001747	2.093689	3.686744	-.001250	.6323110	.3421217

Elem	Sr4077
Units	ppm
Avg	.3460554
Stddev	.0012273
%RSD	.3546665
#1	.3473289
#2	.3459573
#3	.3448800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2038.580	34013.80	4899.321	1109.458	2396.627
Stddev	5.534	113.86	15.618	9.661	6.239
%RSD	.2714807	.3347481	.3187755	.8707582	.2603191
#1	2036.805	33900.92	4888.995	1110.169	2399.138
#2	2044.784	34011.87	4917.288	1099.462	2401.220
#3	2034.150	34128.61	4891.680	1118.744	2389.524

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-15 Acquired: 06/29/2024 3:43:28 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5R0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3102296	-.008078	.3392217	-.054195	.0104678	120.9779	3.052051
Stddev	.0059864	.001770	.0018659	.001269	.0016652	3.7261	.089871
%RSD	1.929668	21.91553	.5500383	2.342416	15.90771	3.079968	2.944616
#1	.3038397	-.008345	.3376442	-.054033	.0090650	122.0855	3.080691
#2	.3111412	-.006189	.3412813	-.053014	.0100303	116.8236	2.951350
#3	.3157079	-.009699	.3387397	-.055538	.0123080	124.0245	3.124112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047111	.0117011	172.2603	.2652288	.1963905	.6216648	236.6089
Stddev	.0002617	.0002831	5.1407	.0005716	.0003600	.0169675	7.1077
%RSD	5.556098	2.419366	2.984245	.2155022	.1832951	2.729370	3.003985
#1	.0048014	.0114580	173.6929	.2648137	.1968051	.6239389	238.6689
#2	.0044161	.0120119	166.5553	.2658807	.1961569	.6036749	228.6987
#3	.0049157	.0116334	176.5327	.2649920	.1962096	.6373806	242.4590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.21000	79.75918	.3220564	-.003466	1.164407	.5657762	.7427909
Stddev	.61630	2.39994	.0004758	.000631	.279252	.0168609	.0041216
%RSD	2.905693	3.008985	.1477515	18.19834	23.98235	2.980135	.5548798
#1	21.39438	80.31820	.3222215	-.003050	1.087876	.5717255	.7408123
#2	20.52255	77.12907	.3224277	-.004192	1.473945	.5467472	.7400317
#3	21.71306	81.83028	.3215200	-.003157	.931400	.5788560	.7475287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.90004	8.450083	.1245854	-.001095	1.979981	3.021239	.0091765
Stddev	.77139	.016268	.0033836	.000330	.005003	.107458	.0044053
%RSD	3.368523	.1925155	2.715923	30.14127	.2526539	3.556752	48.00608
#1	22.97876	8.466674	.1255449	-.001247	1.985138	3.049777	.0102322
#2	22.09230	8.434159	.1208257	-.000717	1.975149	2.902392	.0043393
#3	23.62905	8.449415	.1273857	-.001322	1.979655	3.111547	.0129581

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-15 Acquired: 06/29/2024 3:43:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6950670	.3050561	.2724184
Stddev	.0219528	.0093642	.0086275
%RSD	3.158365	3.069667	3.166994
#1	.7015534	.3073974	.2741976
#2	.6706019	.2947434	.2630400
#3	.7130456	.3130275	.2800175

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.253	33097.55	4675.238	1069.981	2454.690
Stddev	6.039	346.11	118.227	12.263	6.290
%RSD	.3087080	1.045737	2.528797	1.146126	.2562258
#1	1949.318	33243.63	4653.269	1077.381	2447.609
#2	1960.354	32702.34	4802.909	1055.826	2456.836
#3	1959.086	33346.67	4569.536	1076.737	2459.626

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-16 Acquired: 06/29/2024 3:47:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6232790	-.021220	.1802036	-.091877	.0178072	205.0662
Stddev	.0050605	.001085	.0041014	.003156	.0025816	1.7008
%RSD	.8119113	5.115160	2.275966	3.434817	14.49767	.8294014
#1	.6175679	-.020304	.1787013	-.088273	.0196570	204.6773
#2	.6250641	-.022419	.1770652	-.094142	.0189067	203.5935
#3	.6272050	-.020937	.1848443	-.093217	.0148578	206.9278

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.265058	.0063323	.0147495	69.53768	.4100901	.3586228
Stddev	.028729	.0001026	.0003918	.58840	.0026965	.0003532
%RSD	.8798843	1.620563	2.656528	.8461559	.6575464	.0984904
#1	3.258918	.0064438	.0145541	69.20515	.4117264	.3590043
#2	3.239896	.0063113	.0152005	69.19084	.4069778	.3585570
#3	3.296360	.0062418	.0144937	70.21705	.4115662	.3583071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6381593	391.5308	15.86394	123.1501	.5928398	-.007809
Stddev	.0062445	2.9906	.14104	1.2613	.0014774	.000838
%RSD	.9785236	.7638174	.8890648	1.024196	.2492074	10.73354
#1	.6329854	390.3235	15.81268	122.2069	.5925066	-.008134
#2	.6363969	389.3325	15.75569	122.6607	.5944553	-.008435
#3	.6450957	394.9362	16.02344	124.5828	.5915574	-.006857

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.816723	.9254178	.6445326	23.78568	F 10.71268	.1841677
Stddev	.102109	.0063858	.0120218	.25326	.02334	.0016565
%RSD	5.620531	.6900499	1.865191	1.064757	.2178961	.8994390
#1	1.832592	.9213526	.6516973	23.78769	10.73934	.1840906
#2	1.707608	.9221226	.6306535	23.53142	10.70273	.1858613
#3	1.909969	.9327781	.6512470	24.03793	10.69595	.1825510

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-16 Acquired: 06/29/2024 3:47:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002340	1.104085	2.301926	.0017365	.5087155	.4460139
Stddev	.000934	.001689	.007363	.0024909	.0051828	.0090019
%RSD	39.89779	.1529677	.3198737	143.4438	1.018795	2.018297
#1	-.001269	1.105534	2.306557	-.001140	.5081934	.4390932
#2	-.002979	1.102230	2.293435	.003194	.5038135	.4427578
#3	-.002771	1.104492	2.305785	.003155	.5141396	.4561908

Elem	Sr4077
Units	ppm
Avg	.7936357
Stddev	.0069938
%RSD	.8812389
#1	.7935758
#2	.7866720
#3	.8006592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2220.929	37193.81	5148.029	1211.594	2445.916
Stddev	2.018	362.90	58.843	9.202	5.092
%RSD	.0908671	.9756942	1.143026	.7594850	.2081732
#1	2222.198	37430.81	5179.926	1216.881	2440.051
#2	2218.602	37374.58	5184.036	1216.933	2449.204
#3	2221.987	36776.03	5080.124	1200.969	2448.493

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-17 Acquired: 06/29/2024 3:52:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4272125	.0094804	.2312670	-.062998	.0116954	150.8487
Stddev	.0059756	.0014332	.0033497	.002389	.0019357	1.1171
%RSD	1.398752	15.11792	1.448424	3.792179	16.55112	.7405105
#1	.4221297	.0078545	.2276568	-.062457	.0110875	151.8986
#2	.4257127	.0105608	.2342745	-.060927	.0101366	149.6748
#3	.4337952	.0100259	.2318698	-.065612	.0138621	150.9727

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.566459	.0034093	.0087984	51.87117	.2862669	.2636633
Stddev	.027826	.0000183	.0003223	.18544	.0011124	.0020117
%RSD	.4237582	.5375086	3.662829	.3575028	.3885878	.7629687
#1	6.591872	.0034236	.0085250	52.07401	.2861323	.2613952
#2	6.536726	.0034156	.0091537	51.71033	.2852279	.2643631
#3	6.570779	.0033886	.0087164	51.82918	.2874404	.2652316

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3999735	291.2209	F 55.76571	112.5220	.4049811	-.005805
Stddev	.0040875	2.0361	.33871	.6438	.0037229	.000106
%RSD	1.021944	.6991615	.6073876	.5721400	.9192644	1.820885
#1	.4028743	293.2281	56.07886	113.0301	.4007661	-.005762
#2	.3952987	289.1571	55.40621	111.7981	.4063573	-.005925
#3	.4017475	291.2774	55.81206	112.7379	.4078200	-.005728

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.714440	.6290122	.6830576	16.50286	6.426058	.1360313
Stddev	.088358	.0097107	.0050682	.23133	.065692	.0039557
%RSD	5.153754	1.543805	.7419816	1.401728	1.022276	2.907920
#1	1.705485	.6401478	.6782445	16.71950	6.357966	.1403626
#2	1.630901	.6245837	.6825810	16.25922	6.431155	.1351215
#3	1.806935	.6223052	.6883472	16.52986	6.489054	.1326098

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2825-17 Acquired: 06/29/2024 3:52:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002124	.3015215	2.684617	-.000717	.6864201	.3962861
Stddev	.000626	.0075049	.008347	.000952	.0041650	.0009791
%RSD	29.48277	2.488999	.3109306	132.6702	.6067729	.2470661
#1	-.001401	.3014851	2.694249	-.000066	.6882841	.3965256
#2	-.002499	.3090444	2.680099	-.001810	.6816486	.3971233
#3	-.002471	.2940348	2.679502	-.000276	.6893275	.3952095

Elem	Sr4077
Units	ppm
Avg	.8917293
Stddev	.0087778
%RSD	.9843617
#1	.9001114
#2	.8826031
#3	.8924735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.220	33373.00	4608.489	1089.754	2509.269
Stddev	11.010	223.14	17.829	6.264	19.264
%RSD	.5498945	.6686348	.3868657	.5747849	.7677141
#1	2014.832	33377.46	4594.778	1092.300	2531.489
#2	1994.528	33593.88	4628.644	1094.343	2499.048
#3	1997.299	33147.66	4602.046	1082.618	2497.269

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-18 Acquired: 06/29/2024 3:56:31 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5G8 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1492833	-.010081	.2333317	-.029875	.0090739	82.78158	1.490734
Stddev	.0035470	.001018	.0035199	.001796	.0014160	.81469	.017695
%RSD	2.376011	10.09788	1.508522	6.012100	15.60509	.9841402	1.186997
#1	.1505105	-.011065	.2310033	-.031589	.0100886	81.98739	1.471278
#2	.1452856	-.010146	.2373809	-.028007	.0096770	83.61533	1.505867
#3	.1520536	-.009032	.2316108	-.030029	.0074563	82.74202	1.495057

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052613	.0064147	53.43584	.8970221	.1002309	.2505740	151.9699
Stddev	.0000371	.0001372	.62038	.0023515	.0003755	.0027584	1.4793
%RSD	.7044794	2.139218	1.160979	.2621416	.3746698	1.100843	.9733882
#1	.0052201	.0063002	52.75873	.8946280	.1000078	.2533721	150.3710
#2	.0052919	.0063770	53.97691	.8971099	.1000204	.2478571	153.2897
#3	.0052719	.0065668	53.57187	.8993285	.1006644	.2504928	152.2490

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.159697	41.21713	.3509950	-.002318	.9574390	.2505688	.8346958
Stddev	.055721	.40274	.0016133	.000251	.2556023	.0060637	.0117514
%RSD	1.079936	.9771170	.4596352	10.81166	26.69646	2.419976	1.407867
#1	5.100124	40.75766	.3505216	-.002601	1.242824	.2436661	.8457316
#2	5.210535	41.50902	.3496713	-.002122	.749561	.2550368	.8223402
#3	5.168432	41.38472	.3527920	-.002232	.879932	.2530033	.8360155

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.66251	9.131101	.0771830	.0034927	2.829156	4.985785	.0004325
Stddev	.18377	.031789	.0013185	.0004453	.013069	.062250	.0026756
%RSD	.8483348	.3481422	1.708273	12.74797	.4619476	1.248545	618.6612
#1	21.52437	9.107858	.0761144	.0030034	2.821377	4.937070	-.001283
#2	21.87108	9.118118	.0767782	.0036006	2.821846	5.055915	-.000935
#3	21.59208	9.167326	.0786565	.0038741	2.844244	4.964369	.003515

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-18 Acquired: 06/29/2024 3:56:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5373817	.1591145	.2477025
Stddev	.0041484	.0009683	.0019198
%RSD	.7719709	.6085341	.7750567
#1	.5336682	.1590429	.2458885
#2	.5418589	.1581840	.2497130
#3	.5366180	.1601166	.2475061

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.973	34309.56	4812.506	1116.168	2602.845
Stddev	4.200	17.74	52.085	4.856	5.460
%RSD	.2049960	.0517042	1.082281	.4350597	.2097784
#1	2044.123	34299.67	4850.429	1113.107	2600.565
#2	2051.448	34298.97	4753.119	1113.631	2609.076
#3	2051.348	34330.04	4833.968	1121.767	2598.895

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-19 Acquired: 06/29/2024 4:00:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1742552	-.011461	.3977945	-.040311	.0072465	109.1197	1.430990
Stddev	.0045383	.001347	.0037198	.003052	.0022713	1.1898	.011715
%RSD	2.604415	11.75103	.9350972	7.570342	31.34320	1.090379	.8186855
#1	.1783863	-.011244	.4011762	-.036798	.0062037	110.4658	1.444210
#2	.1693974	-.012903	.3938102	-.042309	.0056839	108.2087	1.421895
#3	.1749819	-.010236	.3983970	-.041826	.0098520	108.6845	1.426866

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053107	.0092207	66.75911	.1853553	.1516880	.5020484	196.9235
Stddev	.0000505	.0000128	.62310	.0009917	.0002334	.0094166	2.0581
%RSD	.9500009	.1388282	.9333611	.5350039	.1538925	1.875633	1.045106
#1	.0052897	.0092267	67.46195	.1855989	.1518456	.5129182	199.2615
#2	.0052742	.0092294	66.27437	.1862025	.1514198	.4968530	195.3855
#3	.0053683	.0092060	66.54103	.1842646	.1517986	.4963740	196.1237

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.440158	59.38965	.2462690	-.001798	2.017903	.3533495	.9117716
Stddev	.055353	.85768	.0005998	.000373	.160860	.0030144	.0066086
%RSD	.8594932	1.444162	.2435548	20.75330	7.971643	.8530932	.7248124
#1	6.504073	60.34830	.2457857	-.001539	2.179415	.3562006	.9109246
#2	6.407971	58.69500	.2460809	-.001629	2.016592	.3501948	.9056273
#3	6.408429	59.12565	.2469403	-.002226	1.857703	.3536530	.9187629

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.05333	9.657598	.1010987	.0003100	2.614770	4.965827	.0020572
Stddev	.19993	.012994	.0012506	.0002213	.006801	.040374	.0017167
%RSD	1.107446	.1345433	1.236962	71.37571	.2601033	.8130320	83.45070
#1	18.26655	9.659900	.1024277	.0000569	2.622614	5.012060	.0024677
#2	17.87008	9.643607	.1009233	.0004670	2.611191	4.937524	.0001724
#3	18.02334	9.669286	.0999451	.0004060	2.610506	4.947896	.0035314

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-19 Acquired: 06/29/2024 4:00:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5G9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8073068	.1998023	.3300110
Stddev	.0081818	.0020193	.0045185
%RSD	1.013468	1.010649	1.369212
#1	.8159834	.2018057	.3351111
#2	.7997314	.1977675	.3265074
#3	.8062057	.1998338	.3284146

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.080	33965.56	4717.486	1116.260	2582.643
Stddev	3.080	82.87	36.120	9.843	3.154
%RSD	.1516986	.2439761	.7656538	.8818001	.1221051
#1	2026.706	33948.24	4676.838	1125.807	2579.623
#2	2032.739	33892.72	4745.900	1116.828	2585.915
#3	2030.796	34055.72	4729.719	1106.145	2582.393

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-20 Acquired: 06/29/2024 4:05:14 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5H0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1399922	-.011275	.4685063	-.041528	.0072013	96.78893	1.463956
Stddev	.0066999	.004157	.0021031	.006402	.0014559	.31383	.001603
%RSD	4.785893	36.87234	.4488972	15.41691	20.21769	.3242386	.1094887
#1	.1410856	-.008207	.4709302	-.048340	.0072786	96.93841	1.465717
#2	.1460781	-.016006	.4671661	-.040608	.0057082	96.42831	1.463569
#3	.1328129	-.009612	.4674225	-.035635	.0086170	97.00008	1.462582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051117	.0074674	67.98722	.1432983	.1223335	.4180949	187.4504
Stddev	.0000576	.0001606	.08200	.0012891	.0004839	.0049371	.4486
%RSD	1.127393	2.150460	.1206075	.8996132	.3955871	1.180856	.2393193
#1	.0051046	.0072828	68.06550	.1446807	.1226672	.4211908	187.7335
#2	.0051725	.0075449	67.90195	.1430852	.1225547	.4124013	186.9331
#3	.0050580	.0075745	67.99420	.1421290	.1217784	.4206926	187.6844

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.151691	52.03938	.1892985	-.002685	1.137206	.3295088	.8469753
Stddev	.020485	.08205	.0005417	.000230	.054428	.0007310	.0108641
%RSD	.3329932	.1576625	.2861473	8.565333	4.786084	.2218409	1.282694
#1	6.175027	52.12904	.1897353	-.002443	1.155710	.3294028	.8572069
#2	6.143374	51.96805	.1894678	-.002900	1.179969	.3288366	.8355735
#3	6.136673	52.02106	.1886924	-.002713	1.075939	.3302870	.8481456

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.55158	9.896544	.1007282	.0001315	2.905661	3.167492	-.000955
Stddev	.15472	.027242	.0022682	.0001418	.015569	.020398	.000653
%RSD	.6055341	.2752704	2.251833	107.8787	.5358221	.6439839	68.40439
#1	25.47654	9.897529	.1032070	.0001310	2.922571	3.147681	-.000267
#2	25.44870	9.923280	.0987564	.0002735	2.891921	3.188430	-.001567
#3	25.72952	9.868822	.1002211	-.000010	2.902490	3.166365	-.001031

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-20 Acquired: 06/29/2024 4:05:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6500220	.1856824	.3297031
Stddev	.0038987	.0043500	.0012233
%RSD	.5997863	2.342698	.3710375
#1	.6505064	.1807940	.3302513
#2	.6459038	.1871267	.3283016
#3	.6536560	.1891266	.3305565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2026.360	33777.52	4675.391	1095.314	2602.632
Stddev	4.110	61.78	11.398	6.158	8.724
%RSD	.2028032	.1829081	.2437831	.5622027	.3351997
#1	2022.270	33724.78	4685.235	1091.429	2594.104
#2	2026.323	33845.49	4662.904	1102.414	2602.253
#3	2030.488	33762.28	4678.034	1092.099	2611.539

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-21 Acquired: 06/29/2024 4:09:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2699736	-.015782	.8276940	-.053799	.0128517	124.6885
Stddev	.0074149	.000532	.0089338	.002091	.0026320	.2292
%RSD	2.746521	3.368192	1.079356	3.886942	20.48008	.1838483
#1	.2707145	-.015510	.8180674	-.052477	.0148311	124.8775
#2	.2769901	-.016395	.8357181	-.056210	.0098647	124.4335
#3	.2622160	-.015442	.8292964	-.052710	.0138592	124.7544

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.767253	.0065709	.0131852	78.31873	.2001948	.1808380
Stddev	.003581	.0001698	.0003396	.03370	.0019370	.0016955
%RSD	.2026261	2.583588	2.575481	.0430319	.9675457	.9375576
#1	1.767125	.0064838	.0129710	78.33803	.1985080	.1799476
#2	1.763738	.0067666	.0135767	78.33834	.2023102	.1827932
#3	1.770896	.0064625	.0130078	78.27981	.1997663	.1797733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5877581	239.7327	7.532470	68.22202	.2510090	-.002709
Stddev	.0038816	.1508	.001438	.18579	.0021893	.000365
%RSD	.6604104	.0629022	.0190954	.2723338	.8721909	13.45794
#1	.5836851	239.7225	7.534112	68.01009	.2504403	-.002305
#2	.5914149	239.8884	7.531864	68.35687	.2534265	-.003014
#3	.5881742	239.5873	7.531434	68.29909	.2491601	-.002807

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.657722	.4112142	1.483585	34.96550	F 15.05676	.1287910
Stddev	.119723	.0047258	.013939	.05526	.09878	.0021193
%RSD	7.222142	1.149233	.9395208	.1580273	.6560281	1.645553
#1	1.726595	.4159063	1.499370	35.01488	14.97711	.1264263
#2	1.519478	.4064554	1.478417	34.90582	15.16728	.1305189
#3	1.727093	.4112807	1.472969	34.97580	15.02588	.1294278

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-21 Acquired: 06/29/2024 4:09:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008005	6.461807	3.644750	-.000156	.9459973	.2285567
Stddev	.0003687	.049807	.009951	.000127	.0023682	.0009625
%RSD	46.06216	.7707935	.2730321	81.03918	.2503409	.4211011
#1	.0006473	6.432674	3.645905	-.000256	.9475710	.2291791
#2	.0012212	6.519318	3.654074	-.000014	.9432737	.2290430
#3	.0005331	6.433429	3.634272	-.000199	.9471472	.2274482

Elem	Sr4077
Units	ppm
Avg	.4398906
Stddev	.0004725
%RSD	.1074061
#1	.4400062
#2	.4393710
#3	.4402945

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.021	34826.26	4795.314	1132.333	2534.538
Stddev	4.530	130.50	18.488	6.995	13.891
%RSD	.2184090	.3747140	.3855479	.6177752	.5480580
#1	2075.966	34690.33	4780.328	1126.622	2542.402
#2	2068.844	34950.54	4789.639	1130.242	2518.499
#3	2077.254	34837.91	4815.974	1140.136	2542.713

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2826-01 Acquired: 06/29/2024 4:13:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2951106	-.014065	.3016855	-.048300	.0123714	84.84412
Stddev	.0040403	.002535	.0032702	.003050	.0017390	.76494
%RSD	1.369098	18.02419	1.083974	6.313937	14.05648	.9015827
#1	.2960796	-.013833	.2981679	-.051801	.0110024	84.38050
#2	.2985784	-.016709	.3046335	-.046881	.0143281	84.42484
#3	.2906739	-.011655	.3022551	-.046219	.0117838	85.72702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9708937	.0040392	.0116930	40.36349	.0843658	.1215786
Stddev	.0056818	.0000796	.0002244	.22528	.0002160	.0005145
%RSD	.5852083	1.971967	1.919391	.5581321	.2560619	.4231582
#1	.9666900	.0039767	.0114374	40.19916	.0842722	.1210763
#2	.9686334	.0040121	.0117837	40.27101	.0846129	.1215551
#3	.9773578	.0041289	.0118579	40.62029	.0842124	.1221044

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6023971	215.8704	6.826237	45.92807	.1390387	-.003392
Stddev	.0086546	1.8393	.046040	.35800	.0007348	.000243
%RSD	1.436702	.8520165	.6744566	.7794793	.5285136	7.156923
#1	.6002435	214.8615	6.799201	45.84003	.1398860	-.003670
#2	.5950227	214.7564	6.800113	45.62231	.1386553	-.003223
#3	.6119252	217.9933	6.879397	46.32188	.1385750	-.003283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.238290	.3006169	.9942483	24.46297	F 11.37423	.1070396
Stddev	.169517	.0042817	.0081952	.36924	.03170	.0027344
%RSD	13.68964	1.424317	.8242589	1.509373	.2787112	2.554578
#1	1.308992	.2972260	.9889223	24.22869	11.34600	.1068637
#2	1.361011	.2991964	.9901374	24.27160	11.36816	.1043974
#3	1.044866	.3054284	1.003685	24.88860	11.40852	.1098577

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-01 Acquired: 06/29/2024 4:13:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021559	.6331508	2.555476	-.000906	.9580460	.1548175
Stddev	.0004337	.0006342	.020482	.001131	.0101733	.0007228
%RSD	20.11746	.1001617	.8014889	124.7881	1.061883	.4668460
#1	.0020945	.6338485	2.531886	-.001567	.9518351	.1540121
#2	.0017561	.6329944	2.565812	-.001551	.9525164	.1550307
#3	.0026170	.6326094	2.568731	.000399	.9697866	.1554096

Elem	Sr4077
Units	ppm
Avg	.1313829
Stddev	.0019772
%RSD	1.504898
#1	.1299303
#2	.1305838
#3	.1336346

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.178	33402.13	4626.769	1096.176	2628.544
Stddev	1.631	239.81	12.351	14.287	5.951
%RSD	.0813729	.7179427	.2669555	1.303340	.2264055
#1	2002.806	33162.31	4619.641	1083.232	2634.017
#2	2005.981	33641.93	4641.031	1093.790	2629.407
#3	2003.746	33402.13	4619.635	1111.505	2622.209

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-01LX5 Acquired: 06/29/2024 4:18:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0665534	-.001347	.0602919	-.011471	.0000594	18.42523	.2125959
Stddev	.0035716	.001291	.0016215	.002778	.0025306	.11124	.0007218
%RSD	5.366498	95.86689	2.689382	24.21628	4260.626	.6037134	.3395296
#1	.0667914	-.002105	.0613679	-.008266	.0029456	18.54994	.2134071
#2	.0628688	-.002081	.0610808	-.012958	-.001779	18.38951	.2123561
#3	.0700000	.000144	.0584269	-.013190	-.000988	18.33624	.2120245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009454	.0020990	8.948528	.0187788	.0242144	.1371221	48.67735
Stddev	.0000210	.0001238	.044485	.0005595	.0003050	.0012296	.17192
%RSD	2.215733	5.899655	.4971255	2.979559	1.259678	.8967148	.3531865
#1	.0009602	.0019878	8.996495	.0194190	.0239292	.1366703	48.87586
#2	.0009214	.0020767	8.908629	.0185345	.0245360	.1361823	48.57932
#3	.0009545	.0022324	8.940459	.0183830	.0241781	.1385137	48.57687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537631	10.14419	.0279948	-.001047	.4171010	.0692746	.2220769
Stddev	.004339	.04615	.0004113	.000493	.2838433	.0038939	.0044387
%RSD	.2821633	.4549531	1.469042	47.09453	68.05145	5.620933	1.998741
#1	1.541385	10.14465	.0282501	-.001345	.6225040	.0671507	.2193371
#2	1.532881	10.19011	.0275204	-.000478	.0932113	.0737686	.2271981
#3	1.538627	10.09781	.0282139	-.001319	.5355878	.0669044	.2196954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.043100	2.292551	.0226857	.0002917	.1261185	.6076037	.0008561
Stddev	.069588	.006318	.0016111	.0004310	.0030064	.0058053	.0014965
%RSD	1.379868	.2755783	7.101991	147.7417	2.383769	.9554350	174.8114
#1	5.008927	2.295362	.0245457	.0005787	.1284005	.6084810	.0023963
#2	5.123168	2.285315	.0217891	-.000204	.1227120	.6129204	.0007643
#3	4.997205	2.296975	.0217225	.000500	.1272431	.6014098	-.000592

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-01LX5 Acquired: 06/29/2024 4:18:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2120549	.0597441	.0289367
Stddev	.0018053	.0006654	.0001172
%RSD	.8513309	1.113773	.4049048
#1	.2137516	.0592326	.0290350
#2	.2122553	.0604964	.0289681
#3	.2101577	.0595033	.0288071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1894.854	31290.22	4265.903	1031.847	2802.624
Stddev	1.907	269.07	12.289	3.276	3.908
%RSD	.1006301	.8599289	.2880738	.3174746	.1394452
#1	1894.354	31033.83	4251.855	1031.148	2798.829
#2	1896.961	31570.40	4271.195	1035.415	2806.636
#3	1893.247	31266.42	4274.660	1028.977	2802.406

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-02 Acquired: 06/29/2024 4:22:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2941701	-.012819	.3133661	-.044569	.0088817	80.04214
Stddev	.0035763	.001604	.0026834	.001500	.0023078	.60490
%RSD	1.215730	12.51551	.8563285	3.365915	25.98362	.7557320
#1	.2965175	-.012047	.3109446	-.043831	.0106564	79.44537
#2	.2900541	-.014663	.3129026	-.043581	.0097158	80.02617
#3	.2959388	-.011745	.3162511	-.046295	.0062728	80.65486

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9504977	.0038237	.0119574	38.51044	.0791002	.1166520
Stddev	.0063926	.0001879	.0000626	.24393	.0006388	.0014234
%RSD	.6725564	4.914856	.5232307	.6334001	.8075284	1.220229
#1	.9431255	.0039961	.0120084	38.23122	.0792586	.1156819
#2	.9538610	.0036234	.0118876	38.68207	.0783972	.1159880
#3	.9545065	.0038517	.0119763	38.61804	.0796449	.1182861

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6264184	202.9958	6.709639	42.58421	.1344433	-.002725
Stddev	.0029196	1.5347	.044675	.47514	.0016576	.000245
%RSD	.4660776	.7560390	.6658309	1.115773	1.232923	9.002251
#1	.6243461	201.5481	6.665024	42.36700	.1342451	-.002803
#2	.6297574	202.8344	6.709519	42.25649	.1328938	-.002921
#3	.6251517	204.6048	6.754373	43.12914	.1361911	-.002450

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.083296	.2889037	1.019853	23.65521	F 10.43180	.0932897
Stddev	.519429	.0036452	.008299	.09905	.09660	.0029996
%RSD	47.94897	1.261729	.8137731	.4187073	.9259722	3.215334
#1	.758080	.2899508	1.015285	23.61246	10.37344	.0898472
#2	.809462	.2848496	1.014841	23.58471	10.37867	.0953412
#3	1.682347	.2919107	1.029433	23.76845	10.54330	.0946808

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2826-02 Acquired: 06/29/2024 4:22:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015035	.7060536	2.573615	-.001235	.9376240	.1477322
Stddev	.0003730	.0184429	.006508	.000912	.0090854	.0002500
%RSD	24.80851	2.612110	.2528729	73.88056	.9689783	.1692562
#1	.0014871	.6909616	2.569679	-.002189	.9278674	.1480170
#2	.0018845	.7005876	2.570039	-.000371	.9391630	.1475487
#3	.0011390	.7266117	2.581127	-.001144	.9458415	.1476311

Elem	Sr4077
Units	ppm
Avg	.1302510
Stddev	.0011059
%RSD	.8490835
#1	.1290947
#2	.1303599
#3	.1312985

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.729	33032.20	4586.248	1081.256	2617.964
Stddev	11.345	109.13	17.893	5.726	18.676
%RSD	.5684480	.3303645	.3901457	.5296007	.7133896
#1	1999.280	33138.71	4601.947	1085.863	2625.979
#2	2004.875	33037.24	4590.032	1074.845	2631.295
#3	1983.034	32920.63	4566.766	1083.061	2596.618

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-03 Acquired: 06/29/2024 4:27:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4096497	.0778858	.3740164	.0230806	.1478736	89.45900
Stddev	.0064268	.0004046	.0048459	.0036663	.0024895	.63050
%RSD	1.568861	.5195342	1.295653	15.88481	1.683503	.7047900
#1	.4169790	.0783251	.3741615	.0192003	.1480659	89.25090
#2	.4069929	.0778037	.3690995	.0235547	.1452936	88.95885
#3	.4049772	.0775284	.3787881	.0264868	.1502613	90.16724

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.490809	.0902918	.1070763	47.68380	.4410822	1.044575
Stddev	.030000	.0016188	.0007347	.28941	.0014752	.005781
%RSD	.6680215	1.792807	.6861864	.6069434	.3344414	.5534587
#1	4.479155	.0885902	.1069128	47.51765	.4425681	1.043048
#2	4.468385	.0918125	.1064371	47.51577	.4410603	1.039710
#3	4.524887	.0904727	.1078790	48.01799	.4396180	1.050966

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.115475	228.9602	8.476031	42.99036	1.058465	.0647203
Stddev	.006999	1.1454	.052460	.29079	.008066	.0010603
%RSD	.6274644	.5002498	.6189252	.6764018	.7620837	1.638257
#1	1.110578	228.4008	8.444667	42.71412	1.055941	.0655046
#2	1.112356	228.2019	8.446833	42.96317	1.051962	.0635140
#3	1.123492	230.2777	8.536594	43.29379	1.067492	.0651422

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.333198	1.148935	1.885235	25.94251	F 14.58602	.1098117
Stddev	.121682	.009144	.026860	.21184	.09151	.0004571
%RSD	9.127059	.7958753	1.424742	.8165698	.6273927	.4162672
#1	1.194179	1.138399	1.904199	25.77250	14.54245	.1103343
#2	1.385053	1.154800	1.854500	25.87522	14.52443	.1096142
#3	1.420363	1.153606	1.897008	26.17983	14.69117	.1094865

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-03 Acquired: 06/29/2024 4:27:13 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD546S Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4597281	.7011365	4.188008	-.001202	1.270195	.1602882
Stddev	.0007527	.0096613	.056181	.000661	.011361	.0032630
%RSD	.1637324	1.377942	1.341479	55.01836	.8944252	2.035727
#1	.4589565	.7018926	4.156161	-.001131	1.261725	.1570205
#2	.4597673	.6911194	4.252877	-.001895	1.265753	.1602978
#3	.4604604	.7103975	4.154986	-.000579	1.283105	.1635465

Elem	Sr4077
Units	ppm
Avg	.1509175
Stddev	.0010897
%RSD	.7220152
#1	.1504953
#2	.1501022
#3	.1521551

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.287	33694.41	4613.185	1104.690	2611.263
Stddev	5.521	389.14	31.501	18.626	13.704
%RSD	.2739677	1.154914	.6828402	1.686109	.5248140
#1	2016.080	33458.15	4636.983	1092.108	2612.452
#2	2020.369	34143.55	4625.110	1126.087	2624.334
#3	2009.412	33481.54	4577.463	1095.873	2597.003

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-04 Acquired: 06/29/2024 4:31:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3743533	.0028339	.3343353	-.056909	.0108238	131.1503
Stddev	.0036661	.0029228	.0042330	.003261	.0022157	.2057
%RSD	.9793166	103.1385	1.266102	5.730392	20.47026	.1568555
#1	.3747823	.0024648	.3383743	-.059505	.0133606	131.1190
#2	.3704915	.0059238	.3347000	-.053248	.0092677	130.9620
#3	.3777860	.0001132	.3299318	-.057973	.0098432	131.3698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.142727	.0062280	.0105087	272.3923	.2768627	.4450473
Stddev	.017626	.0000853	.0004502	.4916	.0048766	.0026204
%RSD	.2467694	1.370003	4.284107	.1804605	1.761392	.5888005
#1	7.132567	.0062672	.0101132	272.1246	.2739419	.4436351
#2	7.132535	.0061301	.0104143	272.0928	.2824924	.4434359
#3	7.163080	.0062867	.0109986	272.9597	.2741537	.4480709

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5102332	267.8783	F 43.47330	78.61322	.4507962	-.006676
Stddev	.0032365	.1627	.01193	.06585	.0022377	.000428
%RSD	.6343111	.0607278	.0274372	.0837680	.4963934	6.409016
#1	.5073510	268.0502	43.48623	78.55285	.4483785	-.006415
#2	.5096140	267.8578	43.47095	78.68345	.4512153	-.007170
#3	.5137345	267.7268	43.46272	78.60336	.4527947	-.006443

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431483	.6972991	.5439492	24.07562	8.793141	.1436621
Stddev	.232730	.0025233	.0067923	.08643	.029859	.0008321
%RSD	16.25795	.3618660	1.248708	.3590052	.3395687	.5792154
#1	1.188632	.6989143	.5372442	24.15297	8.770052	.1427233
#2	1.652561	.6985916	.5508257	24.09156	8.782511	.1443086
#3	1.453255	.6943914	.5437777	23.98233	8.826861	.1439545

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-04 Acquired: 06/29/2024 4:31:30 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5R3 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004803	1.162621	3.444346	-.003192	.6467367	.4268024
Stddev	.0004551	.008906	.004547	.001173	.0046437	.0033320
%RSD	94.75066	.7660166	.1320055	36.75138	.7180204	.7806911
#1	.0010059	1.152740	3.448102	-.001915	.6458709	.4230692
#2	.0002182	1.170028	3.439291	-.004222	.6517524	.4294751
#3	.0002169	1.165096	3.445645	-.003439	.6425868	.4278629

Elem	Sr4077
Units	ppm
Avg	.4706494
Stddev	.0015104
%RSD	.3209089
#1	.4723378
#2	.4694268
#3	.4701836

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.208	33410.90	4767.299	1091.685	2407.863
Stddev	5.804	381.21	11.931	12.323	4.304
%RSD	.2873160	1.140966	.2502682	1.128803	.1787352
#1	2024.095	33652.42	4758.593	1099.765	2411.462
#2	2022.993	32971.44	4762.405	1077.502	2409.031
#3	2013.536	33608.84	4780.899	1097.788	2403.095

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-05 Acquired: 06/29/2024 4:35:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3929864	-.007792	.2755778	-.071684	.0193716	121.1593	4.542113
Stddev	.0090671	.001503	.0049381	.003363	.0005504	.0648	.001752
%RSD	2.307223	19.29023	1.791908	4.691956	2.841225	.0535187	.0385628
#1	.4018864	-.006548	.2699626	-.069024	.0190054	121.1904	4.544127
#2	.3837610	-.009462	.2792440	-.075465	.0191048	121.2028	4.540945
#3	.3933117	-.007365	.2775267	-.070564	.0200045	121.0848	4.541267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038288	.0113923	58.12113	.2462545	.2107551	.6516671	300.0089
Stddev	.0001399	.0002104	.04723	.0002169	.0013432	.0020416	.5930
%RSD	3.652776	1.847023	.0812598	.0880815	.6373376	.3132915	.1976718
#1	.0039900	.0111718	58.07278	.2464026	.2104362	.6498962	299.8550
#2	.0037559	.0114141	58.12347	.2463553	.2096001	.6539002	300.6637
#3	.0037404	.0115909	58.16715	.2460055	.2122291	.6512048	299.5081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.42048	79.24661	.3131997	-.005274	1.241524	.7263912	.7481526
Stddev	.02775	.21784	.0011618	.000404	.204549	.0047130	.0143576
%RSD	.0976303	.2748918	.3709530	7.660219	16.47560	.6488238	1.919069
#1	28.39511	79.08485	.3134656	-.005584	1.246809	.7262365	.7412930
#2	28.45011	79.16067	.3119280	-.004817	1.443379	.7311796	.7385114
#3	28.41622	79.49432	.3142055	-.005422	1.034385	.7217574	.7646533

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.21763	6.839826	.1444401	-.001163	1.464160	2.963839	-.000429
Stddev	.08990	.006570	.0030484	.000251	.006383	.017554	.000861
%RSD	.4446747	.0960585	2.110478	21.60528	.4359835	.5922830	200.8216
#1	20.28804	6.832628	.1478787	-.001181	1.468687	2.945193	-.000882
#2	20.24849	6.845502	.1433725	-.001406	1.456859	2.980047	-.000969
#3	20.11636	6.841346	.1420692	-.000904	1.466934	2.966277	.000564

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-05 Acquired: 06/29/2024 4:35:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8510419	.2760216	.2941443
Stddev	.0003029	.0025784	.0008174
%RSD	.0355898	.9341385	.2778887
#1	.8508241	.2735812	.2941382
#2	.8509138	.2787189	.2949648
#3	.8513878	.2757648	.2933300

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.268	32596.26	4608.971	1068.377	2532.071
Stddev	3.193	100.00	15.779	2.932	8.260
%RSD	.1628267	.3067899	.3423576	.2744655	.3262337
#1	1960.213	32562.52	4627.100	1066.245	2532.581
#2	1964.855	32708.77	4601.482	1071.721	2540.065
#3	1958.735	32517.49	4598.331	1067.166	2523.568

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-06 Acquired: 06/29/2024 4:40:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5549090	-.023431	.2901363	-.081716	.0217874	150.4656	2.067901
Stddev	.0048580	.002020	.0010953	.005208	.0013031	.6529	.005714
%RSD	.8754652	8.622114	.3775299	6.373043	5.981103	.4339141	.2763327
#1	.5563802	-.025251	.2914009	-.086751	.0203272	150.5381	2.068022
#2	.5588614	-.021257	.2894856	-.082047	.0228322	151.0792	2.073554
#3	.5494855	-.023784	.2895224	-.076351	.0222027	149.7795	2.062127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046292	.0137298	35.87405	.3313800	.2410601	.7676245	371.4611
Stddev	.0003177	.0003390	.09876	.0002118	.0005799	.0051133	.9012
%RSD	6.863702	2.469419	.2752849	.0639206	.2405826	.6661152	.2426180
#1	.0049898	.0134750	35.82720	.3315341	.2412819	.7687323	371.5522
#2	.0043903	.0135998	35.98751	.3314675	.2414963	.7720930	372.3133
#3	.0045075	.0141146	35.80745	.3311385	.2404019	.7620481	370.5178

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.85436	95.03799	.4275334	-.005768	1.671270	.8774287	.7040639
Stddev	.02933	.13549	.0016072	.000637	.066332	.0044182	.0088337
%RSD	.2281638	.1425645	.3759332	11.03459	3.968985	.5035403	1.254677
#1	12.84252	94.95209	.4291887	-.006020	1.698620	.8768790	.6987762
#2	12.88776	95.19418	.4274327	-.005044	1.719555	.8820961	.7142619
#3	12.83281	94.96771	.4259790	-.006241	1.595636	.8733112	.6991535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.55996	8.270330	.1679272	.0002300	.9987030	2.910376	.0022582
Stddev	.23174	.028294	.0039345	.0004939	.0015519	.013829	.0005908
%RSD	.6516753	.3421086	2.342995	214.7523	.1553939	.4751621	26.16179
#1	35.71380	8.284530	.1699537	.0001692	.9979822	2.918846	.0025481
#2	35.67264	8.237749	.1704355	-.000231	1.000484	2.894418	.0026481
#3	35.29343	8.288711	.1633926	.000751	.997643	2.917865	.0015785

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-06 Acquired: 06/29/2024 4:40:10 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5R5 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.045694	.3326995	.3948673
Stddev	.003106	.0030082	.0014926
%RSD	.2970435	.9041754	.3779978
#1	1.043771	.3296930	.3949376
#2	1.049277	.3326961	.3963235
#3	1.044032	.3357094	.3933408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1964.442	32427.45	4586.079	1066.910	2518.647
Stddev	3.380	186.64	10.278	6.753	1.775
%RSD	.1720721	.5755549	.2241132	.6329589	.0704714
#1	1962.618	32640.91	4591.731	1074.465	2516.684
#2	1962.365	32295.08	4592.290	1061.461	2520.139
#3	1968.342	32346.35	4574.215	1064.805	2519.117

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-07 Acquired: 06/29/2024 4:44:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6656382	-.021583	.2150170	-.085812	.0258289	152.3009
Stddev	.0076077	.002565	.0025406	.002140	.0021275	.3453
%RSD	1.142918	11.88397	1.181565	2.493627	8.236905	.2267273
#1	.6569389	-.022645	.2159876	-.084384	.0279464	152.6960
#2	.6710458	-.018658	.2121342	-.084780	.0258488	152.1501
#3	.6689298	-.023447	.2169291	-.088272	.0236915	152.0567

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.338633	.0050801	.0126950	56.63967	.3851272	.2515628
Stddev	.004104	.0000566	.0001618	.14181	.0013497	.0007945
%RSD	.1754996	1.113894	1.274302	.2503794	.3504571	.3158259
#1	2.343060	.0050820	.0125992	56.80312	.3854760	.2508839
#2	2.337884	.0051357	.0126042	56.54934	.3836374	.2524366
#3	2.334954	.0050226	.0128818	56.56654	.3862684	.2513678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7897791	391.0278	14.69448	100.3217	.4552867	-.007400
Stddev	.0032263	1.2336	.04569	.3452	.0015277	.000352
%RSD	.4085114	.3154687	.3109144	.3441014	.3355507	4.760923
#1	.7928813	392.4431	14.74720	100.6889	.4537371	-.007300
#2	.7900146	390.1813	14.66961	100.0038	.4567916	-.007792
#3	.7864415	390.4589	14.66661	100.2724	.4553315	-.007109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01184	.9793914	1.021542	75.38734	F 15.35932	.2444067
Stddev	.16817	.0061753	.023564	.01516	.02568	.0019061
%RSD	1.679729	.6305256	2.306736	.0201050	.1671807	.7799071
#1	9.81984	.9854905	1.000560	75.40277	15.33179	.2440207
#2	10.08261	.9731426	1.047036	75.38677	15.36353	.2464763
#3	10.13306	.9795412	1.017029	75.37248	15.38263	.2427231

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-07 Acquired: 06/29/2024 4:44:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041935	6.558936	3.968669	.0003132	1.153895	.3669978
Stddev	.0003040	.035590	.031808	.0006563	.001849	.0006403
%RSD	7.250490	.5426197	.8014847	209.5294	.1602613	.1744672
#1	.0038700	6.517868	4.001901	-.000443	1.155870	.3672802
#2	.0042370	6.578147	3.938507	.000651	1.152204	.3674483
#3	.0044735	6.580791	3.965599	.000732	1.153611	.3662648

Elem	Sr4077
Units	ppm
Avg	.5683671
Stddev	.0018441
%RSD	.3244477
#1	.5704724
#2	.5670381
#3	.5675909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.470	32301.94	4538.710	1054.711	2483.674
Stddev	3.630	175.26	25.602	5.781	2.696
%RSD	.1869961	.5425527	.5640836	.5481566	.1085300
#1	1937.281	32499.67	4525.742	1061.321	2480.980
#2	1943.422	32240.37	4568.201	1050.593	2483.672
#3	1943.707	32165.78	4522.186	1052.220	2486.371

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV088 Acquired: 06/29/2024 4:48:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.864704	4.722790	24.30532	4.603779	4.807470	387.3540	9.797869
Stddev	.001671	.018685	.12290	.010129	.025601	1.8563	.026829
%RSD	.0343561	.3956290	.5056528	.2200094	.5325243	.4792191	.2738207
#1	4.864262	4.703204	24.24866	4.608225	4.786331	389.4155	9.825640
#2	4.866552	4.724748	24.22098	4.592188	4.800145	386.8314	9.795874
#3	4.863299	4.740419	24.44633	4.610925	4.835935	385.8150	9.772094

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5088233	2.481291	393.6168	15.27567	2.440695	14.85773	390.3777
Stddev	.0019590	.005918	.9101	.03306	.006410	.13230	1.3544
%RSD	.3850061	.2385165	.2312214	.2164051	.2626251	.8904268	.3469507
#1	.5110603	2.482926	394.6677	15.30585	2.437240	15.00734	391.9407
#2	.5079958	2.474727	393.0912	15.28082	2.436753	14.80963	389.5510
#3	.5074139	2.486219	393.0915	15.24034	2.448091	14.75620	389.6412

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.26394	386.1459	2.446199	1.294232	392.6049	2.369069	14.95549
Stddev	.03596	1.3082	.011125	.001897	1.3968	.008938	.08797
%RSD	.2521390	.3387865	.4547720	.1465791	.3557819	.3772900	.5882303
#1	14.30547	387.3540	2.438589	1.293631	394.1864	2.378721	15.00699
#2	14.24311	386.3273	2.441041	1.292708	392.0885	2.361077	14.85391
#3	14.24323	384.7565	2.458966	1.296357	391.5398	2.367407	15.00556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.0475	4.896974	4.954919	4.770345	4.881829	5.068267	4.974224
Stddev	1.2513	.021770	.028274	.012659	.024417	.022552	.015402
%RSD	.8452118	.4445595	.5706248	.2653735	.5001616	.4449703	.3096449
#1	149.3539	4.873879	4.986934	4.770013	4.865375	5.094170	4.966955
#2	147.9289	4.899925	4.944452	4.757855	4.870228	5.057638	4.963802
#3	146.8597	4.917118	4.933371	4.783167	4.909884	5.052993	4.991916

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV088 Acquired: 06/29/2024 4:48:49 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.770760	5.027734	4.806459
Stddev	.018535	.014799	.042796
%RSD	.3885164	.2943519	.8903943
#1	4.791585	5.041456	4.843659
#2	4.764623	5.029694	4.816031
#3	4.756071	5.012053	4.759687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1507.823	25959.85	3826.962	817.9519	2104.567
Stddev	2.461	91.45	15.274	1.1120	4.113
%RSD	.1632335	.3522800	.3991066	.1359469	.1954138
#1	1508.856	26054.51	3821.816	818.7948	2107.355
#2	1509.599	25871.99	3814.926	818.3693	2106.502
#3	1505.013	25953.05	3844.144	816.6916	2099.843

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB088 Acquired: 06/29/2024 4:53:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037355	.0010623	-.000875	-.005230	-.001460	.0085723
Stddev	.0014280	.0014295	.001765	.000647	.000749	.0079321
%RSD	38.22786	134.5623	201.7249	12.37982	51.27812	92.53138
#1	.0021589	-.000483	-.000505	-.004920	-.002005	.0120192
#2	.0049420	.002338	-.002796	-.004797	-.000606	-.000500
#3	.0041057	.001331	.000676	-.005975	-.001768	.014198

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017034	.0000918	.0001073	.0436410	.0005053	-.000170
Stddev	.0003052	.0000708	.0001019	.0131571	.0010305	.000063
%RSD	17.91887	77.09261	94.95127	30.14859	203.9277	37.24311
#1	.0015460	.0001330	.0001832	.0399436	.0011171	-.000110
#2	.0015091	.0001324	.0001473	.0582512	-.000684	-.000162
#3	.0020552	.0000101	-.000009	.0327281	.001083	-.000236

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048180	.0405180	.0013742	.0168697	.0001014	-.000134
Stddev	.0006959	.0118518	.0005810	.0256353	.0001826	.000385
%RSD	14.44443	29.25069	42.28262	151.9604	180.1516	286.0896
#1	.0046226	.0536284	.0013075	.0369343	-.000002	.000188
#2	.0042406	.0305638	.0019857	-.012010	.000312	-.000560
#3	.0055907	.0373617	.0008294	.025685	-.000006	-.000031

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1688182	.0051054	.0003844	.0685295	-.000712	.0107238
Stddev	.3318902	.0010715	.0042481	.0217423	.001388	.0010924
%RSD	196.5963	20.98664	1105.180	31.72693	194.8923	10.18631
#1	.5436512	.0039711	.0051083	.0436250	.000879	.0119696
#2	.0505121	.0052447	-.000833	.0782335	-.001675	.0099303
#3	-.087709	.0061003	-.003122	.0837300	-.001340	.0102714

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB088 Acquired: 06/29/2024 4:53:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004185	.0048114	.0009040	.0004497	.0022484	F .0360505
Stddev	.0004589	.0027231	.0007798	.0009139	.0009416	.0006356
%RSD	109.6551	56.59717	86.26438	203.2229	41.87928	1.763031
#1	.0000738	.0016828	.0001511	-.000058	.0012059	.0354503
#2	.0009394	.0061033	.0008526	.001505	.0030372	.0359848
#3	.0002424	.0066481	.0017082	-.000098	.0025019	.0367164

Elem	Sr4077
Units	ppm
Avg	.0002426
Stddev	.0000805
%RSD	33.17825
#1	.0001832
#2	.0003342
#3	.0002104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.647	30902.20	4109.053	1019.973	2916.311
Stddev	3.937	65.87	21.660	4.421	4.397
%RSD	.2111301	.2131714	.5271381	.4334080	.1507846
#1	1866.664	30894.24	4130.915	1023.362	2918.065
#2	1867.165	30840.66	4087.600	1014.973	2919.560
#3	1860.110	30971.69	4108.645	1021.585	2911.307

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-08 Acquired: 06/29/2024 4:57:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.163393	-.022856	.4182982	-.078798	.0202674	138.2161
Stddev	.004746	.003431	.0016944	.005246	.0015545	.4477
%RSD	.4079195	15.01027	.4050707	6.658128	7.669869	.3239087
#1	1.168852	-.019200	.4176662	-.083141	.0194035	137.8092
#2	1.161072	-.023364	.4202178	-.072969	.0220619	138.1434
#3	1.160254	-.026005	.4170106	-.080285	.0193367	138.6957

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.199156	.0046999	.0190850	48.45325	.3146329	.2331034
Stddev	.006749	.0000484	.0003068	.10701	.0055160	.0002882
%RSD	.3069002	1.028822	1.607377	.2208512	1.753159	.1236312
#1	2.194674	.0047549	.0189934	48.35983	.3148022	.2327758
#2	2.195875	.0046811	.0188344	48.42993	.3090342	.2333178
#3	2.206918	.0046639	.0194271	48.57000	.3200623	.2332167

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.170581	368.3207	12.74786	86.80774	.4134481	-.005398
Stddev	.005049	.3379	.00912	.18297	.0021420	.000687
%RSD	.4312970	.0917375	.0715582	.2107807	.5180803	12.72965
#1	1.170861	368.1609	12.74737	86.65439	.4131168	-.005696
#2	1.165398	368.0924	12.73899	87.01028	.4114911	-.004612
#3	1.175484	368.7089	12.75722	86.75854	.4157365	-.005886

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.641835	.8545098	.9175596	28.64525	F 13.43798	.1701322
Stddev	.051391	.0029074	.0172063	.10663	.02819	.0011176
%RSD	3.130079	.3402406	1.875222	.3722280	.2097959	.6568988
#1	1.699388	.8555900	.9165512	28.52236	13.41231	.1714078
#2	1.600538	.8512169	.9008797	28.70021	13.43347	.1693247
#3	1.625579	.8567225	.9352479	28.71318	13.46815	.1696643

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2826-08 Acquired: 06/29/2024 4:57:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000393	1.226419	3.110268	.0005969	1.065334	.3038913
Stddev	.000316	.007578	.016258	.0035156	.005200	.0035474
%RSD	80.52219	.6179353	.5227269	588.9754	.4880701	1.167337
#1	-.000659	1.222927	3.129040	-.003456	1.062114	.3025720
#2	-.000043	1.221216	3.100743	.002818	1.062555	.3079093
#3	-.000476	1.235114	3.101019	.002429	1.071332	.3011924

Elem	Sr4077
Units	ppm
Avg	.4028542
Stddev	.0016276
%RSD	.4040193
#1	.4023108
#2	.4015678
#3	.4046839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.261	33076.94	4707.994	1088.274	2507.985
Stddev	.965	564.47	15.969	21.937	2.803
%RSD	.0484336	1.706548	.3391833	2.015740	.1117803
#1	1992.358	33177.94	4691.590	1097.141	2511.158
#2	1991.251	33584.10	4708.904	1104.390	2506.952
#3	1993.173	32468.79	4723.489	1063.292	2505.844

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-09 Acquired: 06/29/2024 5:02:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3755582	-.006201	.1525033	-.062559	.0156740	122.5151
Stddev	.0089324	.004501	.0013009	.010791	.0037883	.9230
%RSD	2.378445	72.58745	.8529993	17.24849	24.16911	.7533821
#1	.3654982	-.007180	.1536704	-.066304	.0191713	121.8534
#2	.3825593	-.010132	.1527386	-.050395	.0116499	123.5695
#3	.3786171	-.001291	.1511008	-.070978	.0162007	122.1224

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.609353	.0041529	.0104695	F 817.7627	.2719015	.2012685
Stddev	.006655	.0002027	.0001730	4.7196	.0057678	.0004385
%RSD	.2550460	4.880555	1.652698	.5771331	2.121297	.2178820
#1	2.602725	.0039423	.0106639	816.9614	.2655064	.2012972
#2	2.616035	.0041700	.0103323	822.8317	.2767099	.2008164
#3	2.609299	.0043466	.0104124	813.4951	.2734884	.2016920

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4230221	253.8692	18.61460	76.60251	.3253953	-.005359
Stddev	.0049649	1.7807	.07943	.35935	.0002231	.000357
%RSD	1.173677	.7014339	.4267119	.4691069	.0685714	6.667349
#1	.4239520	252.6254	18.54297	76.22014	.3252119	-.005020
#2	.4274563	255.9091	18.70003	76.93325	.3256437	-.005327
#3	.4176579	253.0732	18.60082	76.65413	.3253302	-.005732

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008196	.5600727	.5405516	21.70025	7.687750	.1180782
Stddev	.178496	.0068461	.0047384	.28586	.008034	.0014316
%RSD	17.70453	1.222355	.8765905	1.317326	.1045077	1.212381
#1	1.142929	.5532938	.5355207	21.52469	7.694567	.1170944
#2	.805751	.5669841	.5412041	22.03010	7.689791	.1197205
#3	1.075908	.5599402	.5449299	21.54595	7.678892	.1174197

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-09 Acquired: 06/29/2024 5:02:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000626	1.057817	2.797648	-.003877	.7652275	.3660329
Stddev	.000698	.017735	.018728	.000308	.0052969	.0031530
%RSD	111.5114	1.676568	.6694330	7.935195	.6922051	.8614075
#1	.000133	1.056588	2.781177	-.003600	.7652797	.3632476
#2	-.000771	1.076135	2.818020	-.004208	.7704982	.3653949
#3	-.001241	1.040729	2.793748	-.003823	.7599047	.3694561

Elem	Sr4077
Units	ppm
Avg	.4613668
Stddev	.0057469
%RSD	1.245630
#1	.4583435
#2	.4679943
#3	.4577625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.325	31166.56	4531.160	1018.495	2249.319
Stddev	3.094	357.68	12.576	9.894	2.894
%RSD	.1657022	1.147647	.2775370	.9714315	.1286498
#1	1866.347	31531.04	4533.436	1027.137	2246.276
#2	1870.790	30816.09	4517.601	1007.703	2252.036
#3	1864.839	31152.56	4542.441	1020.646	2249.645

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-10 Acquired: 06/29/2024 5:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6070047	-.022615	.1126827	-.078817	.0201827	176.7627	2.365483
Stddev	.0127657	.001470	.0026822	.004984	.0025110	1.5228	.020305
%RSD	2.103064	6.499969	2.380312	6.323743	12.44113	.8614991	.8583719
#1	.5965232	-.024297	.1154476	-.079459	.0230099	175.9133	2.355454
#2	.6032696	-.021577	.1100917	-.073543	.0182123	175.8540	2.352144
#3	.6212213	-.021971	.1125088	-.083449	.0193258	178.5207	2.388850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061423	.0108138	48.76163	.3746074	.2590697	.5143487	365.0396
Stddev	.0001003	.0001561	.41835	.0106405	.0006454	.0063509	3.2979
%RSD	1.632916	1.443614	.8579394	2.840435	.2491288	1.234739	.9034233
#1	.0062352	.0106335	48.53063	.3628465	.2584107	.5107903	363.4937
#2	.0060359	.0109055	48.50971	.3835669	.2590976	.5105747	362.7987
#3	.0061557	.0109023	49.24454	.3774087	.2597007	.5216810	368.8264

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.72608	108.3606	.4620358	-.006710	4.280775	.9620469	.5302789
Stddev	.09631	.8098	.0022567	.001169	.221271	.0127522	.0098024
%RSD	.8978988	.7472788	.4884278	17.42946	5.168958	1.325531	1.848532
#1	10.67161	107.6939	.4597896	-.005656	4.068238	.9618887	.5228523
#2	10.66935	108.1263	.4620150	-.007968	4.264236	.9493744	.5265948
#3	10.83728	109.2617	.4643029	-.006505	4.509853	.9748774	.5413895

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.17979	5.020780	.1745528	-.000335	1.597152	2.387952	.0024619
Stddev	.24575	.015607	.0046512	.000520	.024351	.018937	.0012896
%RSD	.9759767	.3108517	2.664616	155.3004	1.524667	.7930403	52.38178
#1	25.10549	5.010713	.1702097	-.000748	1.582639	2.371010	.0038435
#2	24.97976	5.012868	.1739883	-.000506	1.625266	2.384449	.0012901
#3	25.45411	5.038759	.1794605	.000249	1.583552	2.408396	.0022521

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-10 Acquired: 06/29/2024 5:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6141737	.3663723	.5390028
Stddev	.0025254	.0019704	.0056400
%RSD	.4111938	.5378244	1.046368
#1	.6152745	.3671868	.5368280
#2	.6112847	.3641252	.5347740
#3	.6159620	.3678050	.5454064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2033.249	34122.48	4710.628	1110.343	2489.355
Stddev	4.950	704.72	28.558	20.044	4.102
%RSD	.2434495	2.065261	.6062382	1.805171	.1647728
#1	2027.579	34894.57	4716.373	1133.069	2485.453
#2	2036.709	33513.88	4735.877	1095.185	2488.982
#3	2035.460	33958.99	4679.635	1102.777	2493.631

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-11 Acquired: 06/29/2024 5:10:54 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4103792	.0084529	.4326431	-.063510	.0209623	110.7825
Stddev	.0030709	.0010000	.0034935	.004449	.0027499	2.1099
%RSD	.7483193	11.83015	.8074882	7.005638	13.11839	1.904503
#1	.4109254	.0086237	.4292553	-.059804	.0223291	112.2994
#2	.4070718	.0073785	.4324404	-.062280	.0177968	111.6749
#3	.4131404	.0093564	.4362335	-.068444	.0227610	108.3730

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.152855	.0038037	.0131563	41.55253	.2417242	.2228848
Stddev	.159963	.0000518	.0003857	.84178	.0027257	.0006723
%RSD	1.962045	1.362215	2.931859	2.025827	1.127614	.3016311
#1	8.270800	.0037784	.0127115	42.18238	.2393389	.2222091
#2	8.216987	.0038632	.0133585	41.87876	.2411386	.2228916
#3	7.970778	.0037693	.0133989	40.59646	.2446951	.2235536

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6860778	291.7239	F 50.87481	71.32909	.3511411	-.004691
Stddev	.0154570	5.7533	.97432	1.41684	.0021050	.000909
%RSD	2.252957	1.972162	1.915130	1.986340	.5994798	19.37127
#1	.6964190	295.9868	51.56838	72.20509	.3492022	-.003669
#2	.6935055	294.0049	51.29518	72.08772	.3508411	-.004997
#3	.6683090	285.1799	49.76088	69.69447	.3533801	-.005407

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.217869	.6553895	.7305802	19.54660	7.207258	.1393845
Stddev	.045402	.0096042	.0076020	.36522	.026643	.0052463
%RSD	3.728006	1.465419	1.040538	1.868479	.3696646	3.763917
#1	1.181820	.6563331	.7260441	19.75181	7.188874	.1408805
#2	1.268859	.6644871	.7263399	19.76306	7.195087	.1437204
#3	1.202928	.6453484	.7393565	19.12492	7.237812	.1335527

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-11 Acquired: 06/29/2024 5:10:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001164	1.027926	2.572829	.0010397	.7249560	.2714213
Stddev	.000652	.003152	.044387	.0012214	.0123014	.0066190
%RSD	56.00444	.3066714	1.725213	117.4715	1.696848	2.438645
#1	-.001706	1.028057	2.598028	.0018622	.7334420	.2743917
#2	-.001347	1.024709	2.598881	.0016207	.7305779	.2760347
#3	-.000440	1.031010	2.521578	-.000364	.7108482	.2638374

Elem	Sr4077
Units	ppm
Avg	.3383131
Stddev	.0058633
%RSD	1.733090
#1	.3419865
#2	.3414016
#3	.3315512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.952	34053.92	4668.567	1114.550	2563.919
Stddev	3.294	158.23	104.263	.904	5.197
%RSD	.1626771	.4646444	2.233308	.0811335	.2027070
#1	2028.560	34211.93	4592.423	1114.883	2569.616
#2	2024.190	34054.33	4625.877	1115.240	2562.702
#3	2022.106	33895.48	4787.400	1113.526	2559.438

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2826-12 Acquired: 06/29/2024 5:15:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7435271	-.027229	.2635044	-.099584	.0221790	200.9022
Stddev	.0075544	.000756	.0061098	.007888	.0010660	.8227
%RSD	1.016024	2.776159	2.318678	7.920574	4.806328	.4095069
#1	.7398835	-.027918	.2578152	-.091765	.0219061	200.1794
#2	.7384851	-.026421	.2627358	-.107538	.0233550	201.7974
#3	.7522127	-.027347	.2699621	-.099449	.0212761	200.7296

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.928574	.0068613	.0173954	66.73579	.4512021	.3296549
Stddev	.004143	.0001466	.0001918	.03913	.0021106	.0006741
%RSD	.1414587	2.137125	1.102498	.0586327	.4677763	.2044701
#1	2.928865	.0068716	.0174932	66.74168	.4488222	.3304045
#2	2.932563	.0070025	.0171745	66.77164	.4528469	.3290987
#3	2.924293	.0067098	.0175187	66.69405	.4519371	.3294614

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9185186	451.6441	16.98245	128.1489	.5819432	-.008767
Stddev	.0122410	1.2679	.02881	.1559	.0007189	.000132
%RSD	1.332688	.2807326	.1696687	.1216503	.1235252	1.510348
#1	.9046020	450.3543	16.94942	127.9695	.5824119	-.008865
#2	.9233349	452.8889	17.00239	128.2514	.5811156	-.008819
#3	.9276188	451.6891	16.99555	128.2257	.5823021	-.008616

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.524377	1.097529	1.045377	36.06213	F 12.54292	.2126088
Stddev	.133812	.005210	.007734	.24197	.01039	.0059749
%RSD	5.300809	.4747243	.7398323	.6709779	.0828525	2.810269
#1	2.524355	1.103363	1.042506	35.82057	12.53294	.2086881
#2	2.390576	1.095886	1.054136	36.30451	12.54214	.2194855
#3	2.658201	1.093338	1.039489	36.06130	12.55368	.2096528

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-12 Acquired: 06/29/2024 5:15:15 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S1 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007419	2.463725	4.198916	.0017440	1.077687	.4309107
Stddev	.0006333	.013859	.021768	.0002196	.005608	.0021602
%RSD	85.36263	.5625139	.5184103	12.58908	.5204089	.5013197
#1	.0001526	2.474465	4.198827	.0019880	1.073096	.4284170
#2	.0006616	2.448081	4.177194	.0016813	1.083938	.4321057
#3	.0014116	2.468629	4.220729	.0015626	1.076026	.4322094

Elem	Sr4077
Units	ppm
Avg	.4814282
Stddev	.0021969
%RSD	.4563380
#1	.4789885
#2	.4832500
#3	.4820462

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.432	33800.46	4796.404	1105.697	2430.771
Stddev	.460	235.97	9.468	5.376	1.675
%RSD	.0227717	.6981184	.1973911	.4862237	.0689244
#1	2019.538	33734.58	4785.734	1108.543	2432.526
#2	2019.830	33604.42	4803.798	1099.497	2429.188
#3	2018.929	34062.36	4799.681	1109.053	2430.600

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-13 Acquired: 06/29/2024 5:19:34 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7730829	-.028479	.1201057	-.094034	.0223305	199.3598	2.664794
Stddev	.0036780	.006249	.0033243	.004615	.0025123	.8389	.003313
%RSD	.4757632	21.94326	2.767780	4.907577	11.25057	.4208032	.1243199
#1	.7705668	-.035210	.1201172	-.098229	.0244357	200.2806	2.667704
#2	.7773041	-.027367	.1167758	-.094784	.0230065	199.1600	2.665488
#3	.7713780	-.022861	.1234243	-.089091	.0195494	198.6389	2.661189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063967	.0152706	76.65486	.4316176	.3065835	.5746576	421.9374
Stddev	.0001377	.0001329	.13887	.0022817	.0008931	.0063859	1.1573
%RSD	2.152464	.8701983	.1811577	.5286307	.2913162	1.111258	.2742933
#1	.0062387	.0151260	76.72319	.4294230	.3061910	.5820219	422.8716
#2	.0064910	.0152981	76.74632	.4314524	.3059539	.5706509	422.2979
#3	.0064604	.0153875	76.49507	.4339774	.3076057	.5713001	420.6427

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.06549	122.9178	.5390533	-.007827	2.613053	1.036930	.6351924
Stddev	.03658	.3339	.0017221	.000306	.117605	.002839	.0043445
%RSD	.2799633	.2716077	.3194742	3.911663	4.500682	.2738130	.6839594
#1	13.10408	123.1989	.5377446	-.008071	2.481666	1.038885	.6402014
#2	13.06106	123.0057	.5384110	-.007484	2.708480	1.038233	.6329260
#3	13.03133	122.5488	.5410042	-.007928	2.649014	1.033674	.6324498

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.90135	8.163806	.1822198	-.001698	.9126087	2.651013	.0024291
Stddev	.04225	.017503	.0051497	.000602	.0129716	.000777	.0040902
%RSD	.2657233	.2144029	2.826074	35.46513	1.421379	.0293201	168.3825
#1	15.86602	8.147051	.1866356	-.001140	.8996110	2.650420	.0037589
#2	15.94816	8.162393	.1834607	-.001617	.9126611	2.651893	.0056890
#3	15.88987	8.181973	.1765630	-.002337	.9255541	2.650725	-.002161

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-13 Acquired: 06/29/2024 5:19:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7540887	.4393310	.6271316
Stddev	.0046744	.0015086	.0029561
%RSD	.6198712	.3433847	.4713614
#1	.7594860	.4407880	.6301175
#2	.7514378	.4394295	.6270709
#3	.7513424	.4377756	.6242063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.589	34914.82	4965.423	1137.024	2445.174
Stddev	7.473	38.69	9.269	3.757	6.447
%RSD	.3567556	.1108152	.1866627	.3303823	.2636645
#1	2087.112	34870.64	4971.936	1141.230	2443.918
#2	2102.057	34942.64	4969.521	1134.003	2452.157
#3	2094.598	34931.19	4954.811	1135.839	2439.447

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-14 Acquired: 06/29/2024 5:23:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5598772	-.015583	.3115489	-.081625	.0188274	165.5102	3.625459
Stddev	.0104699	.001359	.0013122	.008213	.0010830	.5075	.004484
%RSD	1.870029	8.723076	.4211780	10.06242	5.752151	.3066092	.1236825
#1	.5486037	-.014049	.3100514	-.072156	.0197166	165.6923	3.622848
#2	.5692953	-.016064	.3120977	-.086821	.0176213	165.9015	3.622892
#3	.5617327	-.016637	.3124976	-.085898	.0191444	164.9368	3.630636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056093	.0158463	298.5408	.3713379	.2697564	.8625824	358.7702
Stddev	.0001123	.0002360	.0527	.0021529	.0003956	.0041700	.7480
%RSD	2.002786	1.489399	.0176656	.5797649	.1466634	.4834383	.2084789
#1	.0057103	.0159275	298.5850	.3702261	.2701784	.8667815	358.8066
#2	.0054883	.0155804	298.5549	.3738194	.2696970	.8584420	359.4992
#3	.0056292	.0160309	298.4824	.3699682	.2693939	.8625238	358.0046

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.65550	104.9435	.4374831	-.006466	1.642575	.7967494	.9119520
Stddev	.02284	.2235	.0007846	.000117	.142826	.0009699	.0039808
%RSD	.0965352	.2130032	.1793490	1.807592	8.695278	.1217349	.4365112
#1	23.63371	104.8305	.4366594	-.006580	1.750310	.7962913	.9074838
#2	23.67926	105.2010	.4375682	-.006346	1.696848	.7978636	.9151205
#3	23.65354	104.7990	.4382217	-.006471	1.480567	.7960934	.9132516

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.79191	9.815893	.1838455	-.000909	2.853198	3.736525	-.001734
Stddev	.19397	.013714	.0064916	.000391	.013930	.005163	.000500
%RSD	.5132621	.1397113	3.531015	42.97150	.4882357	.1381770	28.82652
#1	37.81267	9.830236	.1796775	-.001152	2.837824	3.735878	-.002216
#2	37.97467	9.814536	.1913250	-.000459	2.856789	3.731715	-.001218
#3	37.58840	9.802909	.1805340	-.001118	2.864981	3.741981	-.001767

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-14 Acquired: 06/29/2024 5:23:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9284200	.4192816	.4314543
Stddev	.0047513	.0009509	.0013162
%RSD	.5117589	.2267883	.3050520
#1	.9322022	.4192036	.4321705
#2	.9299706	.4183721	.4322571
#3	.9230871	.4202691	.4299354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.223	32351.00	4628.185	1047.935	2367.827
Stddev	3.857	62.12	17.008	3.901	5.147
%RSD	.1995116	.1920074	.3674793	.3722806	.2173607
#1	1928.771	32306.86	4623.544	1043.751	2361.954
#2	1935.336	32422.03	4647.031	1051.473	2369.976
#3	1935.562	32324.12	4613.979	1048.581	2371.551

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2826-15 Acquired: 06/29/2024 5:28:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5893472	.0057993	.4263681	-.095505	.0236891	173.5891
Stddev	.0071391	.0027950	.0015331	.004570	.0016895	1.3383
%RSD	1.211357	48.19590	.3595688	4.785319	7.132024	.7709465
#1	.5952768	.0050016	.4252499	-.100731	.0234097	174.5544
#2	.5913420	.0034898	.4281157	-.092260	.0255009	172.0614
#3	.5814229	.0089065	.4257387	-.093523	.0221567	174.1516

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.51226	.0047884	.0216320	80.64487	.3456771	.3053074
Stddev	.09877	.0001840	.0001715	.41821	.0011694	.0006274
%RSD	.8579715	3.842384	.7928736	.5185789	.3382971	.2055076
#1	11.55159	.0049650	.0214588	81.07592	.3460212	.3048737
#2	11.39988	.0045978	.0218018	80.24082	.3466359	.3050217
#3	11.58530	.0048023	.0216355	80.61786	.3443742	.3060269

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9641000	442.1531	F 69.34563	111.6841	.4668442	-.007181
Stddev	.0092167	2.5437	.35746	.6496	.0017420	.000650
%RSD	.9559882	.5753041	.5154690	.5816200	.3731521	9.048885
#1	.9644835	444.2297	69.67717	112.1621	.4680980	-.006515
#2	.9546976	439.3158	68.96694	110.9445	.4675795	-.007813
#3	.9731190	442.9138	69.39278	111.9457	.4648550	-.007215

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.878863	.9371394	1.188335	30.53169	9.856558	.1999563
Stddev	.048108	.0009075	.012849	.45603	.030335	.0056463
%RSD	2.560508	.0968364	1.081249	1.493628	.3077606	2.823780
#1	1.925470	.9362613	1.191999	30.84632	9.840396	.1984101
#2	1.829382	.9370833	1.198954	30.00870	9.837726	.2062146
#3	1.881736	.9380737	1.174052	30.74006	9.891551	.1952441

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-15 Acquired: 06/29/2024 5:28:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002159	2.496068	3.002611	.0001860	1.016650	.3947953
Stddev	.000556	.014379	.049251	.0021990	.004740	.0037655
%RSD	25.75301	.5760697	1.640272	1182.127	.4661959	.9537872
#1	-.001548	2.494553	3.038736	.0019919	1.021905	.3987464
#2	-.002635	2.511145	2.946510	-.002263	1.012698	.3943915
#3	-.002294	2.482507	3.022587	.000829	1.015346	.3912479

Elem	Sr4077
Units	ppm
Avg	.5783833
Stddev	.0087160
%RSD	1.506951
#1	.5830731
#2	.5683265
#3	.5837501

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.002	33403.81	4693.949	1093.705	2453.180
Stddev	4.901	15.46	51.560	1.675	5.661
%RSD	.2441716	.0462704	1.098429	.1531496	.2307504
#1	2007.265	33399.17	4677.838	1093.791	2451.465
#2	2001.976	33391.20	4751.641	1091.988	2448.576
#3	2011.766	33421.05	4652.369	1095.335	2459.501

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-16 Acquired: 06/29/2024 5:32:43 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5857494	-.027399	.2392557	-.083099	.0202254	179.9118	2.615213
Stddev	.0070476	.000282	.0048892	.011210	.0024421	1.4125	.021207
%RSD	1.203183	1.030616	2.043489	13.48997	12.07443	.7851106	.8109277
#1	.5841621	-.027370	.2448466	-.094140	.0211554	179.3710	2.599878
#2	.5796308	-.027694	.2357817	-.083430	.0174550	178.8497	2.606346
#3	.5934553	-.027132	.2371389	-.071727	.0220659	181.5148	2.639415

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057789	.0156993	56.02608	.3888402	.3029582	.6910995	373.8506
Stddev	.0000883	.0001117	.39154	.0012449	.0015799	.0098452	2.4619
%RSD	1.527181	.7111718	.6988602	.3201532	.5214735	1.424572	.6585195
#1	.0058261	.0156795	55.75503	.3897858	.3032660	.6893215	372.4375
#2	.0056771	.0155989	55.84823	.3874298	.3012471	.6822644	372.4209
#3	.0058335	.0158196	56.47498	.3893050	.3043615	.7017125	376.6933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.73946	112.8557	.5699865	-.007290	1.497328	.9287283	.7242719
Stddev	.08046	.7792	.0039423	.000266	.057262	.0055667	.0056449
%RSD	.6853812	.6904130	.6916486	3.652542	3.824251	.5993903	.7793935
#1	11.68574	112.2457	.5661099	-.007597	1.552343	.9270253	.7264382
#2	11.70069	112.5879	.5698582	-.007126	1.501583	.9242121	.7178647
#3	11.83197	113.7334	.5739914	-.007147	1.438058	.9349476	.7285129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.79850	9.766957	.1682035	-.001734	1.348446	3.780749	.0012185
Stddev	.30435	.038262	.0020103	.000522	.009698	.020626	.0010504
%RSD	1.179714	.3917479	1.195176	30.09578	.7191634	.5455448	86.20897
#1	25.58244	9.753982	.1702796	-.001249	1.346577	3.763476	.0007234
#2	25.66649	9.736870	.1662661	-.001667	1.339819	3.775183	.0005071
#3	26.14656	9.810019	.1680648	-.002287	1.358942	3.803586	.0024250

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-16 Acquired: 06/29/2024 5:32:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8571401	.3907858	.6227551
Stddev	.0065541	.0038075	.0061561
%RSD	.7646513	.9743261	.9885205
#1	.8553491	.3865413	.6213264
#2	.8516677	.3919154	.6174391
#3	.8644036	.3939008	.6294999

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.316	34524.47	4943.896	1134.193	2476.773
Stddev	2.269	126.63	20.925	5.407	4.512
%RSD	.1094425	.3667773	.4232506	.4767522	.1821669
#1	2072.032	34660.92	4967.560	1138.959	2477.963
#2	2075.936	34501.76	4936.296	1135.304	2480.570
#3	2071.980	34410.73	4927.834	1128.317	2471.785

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-17 Acquired: 06/29/2024 5:37:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4200607	.0069511	.1940653	-.077275	.0186565	107.2812
Stddev	.0117549	.0004140	.0009921	.009310	.0014265	.2427
%RSD	2.798380	5.956499	.5112364	12.04813	7.646027	.2262289
#1	.4274868	.0065079	.1951841	-.087890	.0179941	107.5594
#2	.4065081	.0070173	.1932924	-.070494	.0176816	107.1128
#3	.4261873	.0073280	.1937194	-.073441	.0202937	107.1714

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.727286	.0026981	.0135736	379.0716	.2832004	.2424090
Stddev	.019445	.0001873	.0001804	.8933	.0015344	.0005423
%RSD	.2890514	6.942179	1.329297	.2356667	.5418182	.2237004
#1	6.745174	.0028135	.0135719	379.9812	.2828089	.2419890
#2	6.706589	.0027989	.0137549	378.1955	.2848926	.2422167
#3	6.730095	.0024820	.0133940	379.0383	.2818996	.2430212

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6283306	350.4620	F 63.15785	138.6029	.4934877	-.005621
Stddev	.0040218	.9079	.20255	.2772	.0020833	.000345
%RSD	.6400762	.2590629	.3207033	.2000281	.4221590	6.129789
#1	.6314167	351.4913	63.39142	138.9092	.4950980	-.005766
#2	.6237823	350.1200	63.05143	138.3691	.4911348	-.005228
#3	.6297929	349.7748	63.03068	138.5304	.4942303	-.005869

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.409453	.6238578	.6808548	9.644775	F 11.90062	.1454029
Stddev	.092768	.0019284	.0118554	.037759	.04803	.0015051
%RSD	2.103848	.3091103	1.741258	.3914948	.4035803	1.035105
#1	4.307897	.6231227	.6940552	9.679517	11.88142	.1466625
#2	4.489740	.6260456	.6711141	9.604590	11.86517	.1458102
#3	4.430721	.6224050	.6773950	9.650218	11.95528	.1437361

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2826-17 Acquired: 06/29/2024 5:37:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000985	.8265778	4.722441	-.003876	2.113092	.2812772
Stddev	.000689	.0067213	.016262	.001677	.005882	.0031972
%RSD	69.97231	.8131490	.3443509	43.27811	.2783465	1.136686
#1	-.001765	.8202086	4.733416	-.005765	2.119836	.2835977
#2	-.000460	.8336031	4.730149	-.002560	2.109023	.2776302
#3	-.000730	.8259217	4.703759	-.003302	2.110417	.2826036

Elem	Sr4077
Units	ppm
Avg	1.021025
Stddev	.001858
%RSD	.1819681
#1	1.022973
#2	1.020831
#3	1.019272

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1873.168	31249.22	4542.166	1016.595	2303.991
Stddev	2.471	195.64	8.036	7.994	5.864
%RSD	.1319035	.6260729	.1769119	.7863457	.2545158
#1	1875.999	31201.01	4537.478	1013.366	2309.694
#2	1872.059	31464.46	4551.444	1025.699	2304.301
#3	1871.447	31082.18	4537.575	1010.721	2297.978

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-18 Acquired: 06/29/2024 5:41:24 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S7 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4629381	-.021107	.2015796	-.065968	.0186489	142.3026
Stddev	.0112259	.002204	.0012613	.006158	.0020445	1.0045
%RSD	2.424933	10.44281	.6256979	9.334628	10.96294	.7058603
#1	.4657113	-.022586	.2023245	-.059816	.0175077	141.8205
#2	.4725175	-.018574	.2022910	-.072132	.0210092	141.6301
#3	.4505855	-.022161	.2001233	-.065955	.0174298	143.4572

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.247913	.0051630	.0127953	61.36427	.3181046	.2239600
Stddev	.011720	.0001667	.0002403	.36046	.0012300	.0004158
%RSD	.5213806	3.229368	1.878262	.5874070	.3866781	.1856388
#1	2.242051	.0050000	.0130022	61.02426	.3173304	.2242743
#2	2.240280	.0053332	.0125317	61.32637	.3195230	.2234886
#3	2.261407	.0051557	.0128519	61.74218	.3174605	.2241172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7625964	327.8437	9.692222	91.84192	.4119718	-.004202
Stddev	.0103392	2.4506	.052606	.68960	.0010079	.000064
%RSD	1.355785	.7475054	.5427620	.7508577	.2446423	1.513752
#1	.7602994	325.9618	9.657873	91.15207	.4108852	-.004196
#2	.7535990	326.9545	9.666008	91.84241	.4121541	-.004141
#3	.7738910	330.6149	9.752784	92.53128	.4128760	-.004268

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.700784	.8023022	1.383916	57.34091	F 13.40422	.1724810
Stddev	.058839	.0094905	.036578	.23793	.02816	.0016062
%RSD	1.251691	1.182905	2.643112	.4149439	.2100962	.9312063
#1	4.633503	.7953156	1.378294	57.32598	13.37480	.1706688
#2	4.726238	.7984839	1.350474	57.11079	13.40695	.1730455
#3	4.742611	.8131071	1.422979	57.58595	13.43092	.1737287

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-18 Acquired: 06/29/2024 5:41:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034604	6.847595	3.597158	-.000157	.9548718	.3250619
Stddev	.0001870	.021811	.018672	.000991	.0061072	.0028667
%RSD	5.403077	.3185204	.5190746	632.8195	.6395880	.8818864
#1	.0033911	6.827223	3.582071	.000266	.9520512	.3218467
#2	.0033180	6.844956	3.618041	-.001289	.9506846	.3273512
#3	.0036721	6.870605	3.591362	.000553	.9618796	.3259877

Elem	Sr4077
Units	ppm
Avg	.5141536
Stddev	.0041515
%RSD	.8074486
#1	.5138351
#2	.5101704
#3	.5184551

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.323	32763.73	4606.238	1074.788	2484.056
Stddev	2.189	233.01	19.717	3.463	4.698
%RSD	.1120484	.7111934	.4280516	.3221858	.1891369
#1	1952.539	32975.33	4627.068	1077.439	2483.247
#2	1955.796	32801.84	4587.865	1076.055	2489.106
#3	1951.634	32514.01	4603.779	1070.870	2479.815

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-19 Acquired: 06/29/2024 5:45:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5412911	-.031782	.4277245	-.112581	.0276260	229.9814
Stddev	.0138850	.002069	.0026828	.006380	.0039713	1.7383
%RSD	2.565153	6.509400	.6272229	5.667020	14.37501	.7558239
#1	.5317011	-.033968	.4292081	-.109243	.0299020	231.6547
#2	.5572133	-.031524	.4293378	-.119938	.0230405	228.1848
#3	.5349587	-.029855	.4246276	-.108564	.0299356	230.1048

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.914695	.0039991	.0219721	46.55894	.6833535	.3213023
Stddev	.008025	.0001530	.0002643	.25836	.0025253	.0009130
%RSD	.4191316	3.824502	1.203086	.5549138	.3695453	.2841622
#1	1.922509	.0039588	.0218363	46.68707	.6806662	.3221385
#2	1.906474	.0038704	.0218033	46.26155	.6837167	.3203281
#3	1.915102	.0041682	.0222768	46.72818	.6856775	.3214403

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.090921	514.1659	16.25870	145.4618	.5683122	-.008984
Stddev	.010545	2.8118	.06610	.7131	.0015127	.000559
%RSD	.9666380	.5468678	.4065317	.4902179	.2661696	6.223634
#1	1.096594	516.3102	16.31359	145.8277	.5694459	-.008558
#2	1.078754	510.9824	16.18533	144.6401	.5665946	-.009617
#3	1.097415	515.2051	16.27718	145.9177	.5688961	-.008777

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.681211	1.076362	1.343839	31.76998	F 12.44077	.2191795
Stddev	.085089	.009920	.012368	.38805	.01426	.0009353
%RSD	5.061204	.9216179	.9203182	1.221423	.1145960	.4267442
#1	1.775452	1.085827	1.337342	32.08098	12.44767	.2202554
#2	1.658154	1.066043	1.358101	31.33513	12.42438	.2187233
#3	1.610026	1.077215	1.336074	31.89384	12.45027	.2185598

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-19 Acquired: 06/29/2024 5:45:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S8 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001313	1.973002	3.209663	.0034681	.9090614	.4497573
Stddev	.000646	.009745	.028326	.0005342	.0093434	.0037695
%RSD	49.21535	.4939327	.8825152	15.40355	1.027808	.8381078
#1	-.000806	1.977116	3.221544	.0028529	.9176987	.4497946
#2	-.002040	1.961875	3.177332	.0037365	.8991439	.4535079
#3	-.001092	1.980016	3.230113	.0038149	.9103415	.4459693

Elem	Sr4077
Units	ppm
Avg	.2766560
Stddev	.0029944
%RSD	1.082365
#1	.2792635
#2	.2733857
#3	.2773188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.640	31443.44	4443.673	1031.578	2471.263
Stddev	5.979	161.56	28.317	8.121	5.765
%RSD	.3165977	.5138040	.6372526	.7872029	.2332906
#1	1882.955	31604.96	4447.542	1040.924	2464.737
#2	1888.090	31281.84	4469.857	1027.562	2473.386
#3	1894.876	31443.53	4413.620	1026.247	2475.666

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-20 Acquired: 06/29/2024 5:50:04 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S9 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3722657	-.002170	.1922641	-.065097	.0135525	123.2345
Stddev	.0063298	.004742	.0014658	.006629	.0026248	.8063
%RSD	1.700357	218.5235	.7623976	10.18271	19.36753	.6542695
#1	.3681069	.001584	.1939425	-.064846	.0156309	124.1654
#2	.3795504	-.000595	.1916138	-.071847	.0106029	122.7824
#3	.3691397	-.007500	.1912359	-.058597	.0144239	122.7557

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.917854	.0035428	.0073215	45.03665	.2575145	.2265014
Stddev	.014536	.0002707	.0000732	.23990	.0001959	.0009654
%RSD	.3710207	7.640371	.9999382	.5326789	.0760616	.4262426
#1	3.934611	.0034694	.0072386	45.31279	.2574850	.2274889
#2	3.908642	.0038427	.0073490	44.91769	.2577235	.2264559
#3	3.910309	.0033164	.0073770	44.87949	.2573351	.2255596

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3091575	262.8482	F 30.35931	94.45617	.3207118	-.005142
Stddev	.0004161	1.8333	.16918	.43079	.0007466	.000419
%RSD	.1345833	.6974560	.5572713	.4560720	.2327965	8.147726
#1	.3092449	264.9533	30.55442	94.91464	.3200164	-.004710
#2	.3095229	261.9891	30.27011	94.39408	.3215008	-.005170
#3	.3087046	261.6023	30.25338	94.05980	.3206182	-.005547

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.454878	.5624591	.6900623	16.02931	6.618351	.1200789
Stddev	.257333	.0097938	.0043611	.14991	.013209	.0024354
%RSD	17.68758	1.741242	.6319834	.9352230	.1995863	2.028167
#1	1.501589	.5703736	.6950735	16.14435	6.633295	.1228903
#2	1.177390	.5654974	.6871271	16.08381	6.613524	.1186169
#3	1.685656	.5515062	.6879862	15.85978	6.608235	.1187296

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-20 Acquired: 06/29/2024 5:50:04 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5S9 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000711	.2113486	2.154081	-.000950	1.056437	.3377021
Stddev	.000523	.0082013	.011866	.002137	.005534	.0016380
%RSD	73.53262	3.880477	.5508570	224.8596	.5238452	.4850424
#1	-.001200	.2156477	2.158013	-.003383	1.062792	.3395566
#2	-.000773	.2165066	2.163483	-.000088	1.052684	.3370969
#3	-.000160	.2018915	2.140749	.000621	1.053834	.3364529

Elem	Sr4077
Units	ppm
Avg	.5793420
Stddev	.0056510
%RSD	.9754237
#1	.5854356
#2	.5783162
#3	.5742741

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.146	33921.11	4667.786	1108.537	2534.950
Stddev	6.714	91.84	24.899	2.817	8.056
%RSD	.3307187	.2707474	.5334186	.2541248	.3177808
#1	2024.384	33818.58	4647.810	1105.868	2527.656
#2	2028.537	33995.85	4659.868	1108.262	2533.597
#3	2037.519	33948.89	4695.681	1111.482	2543.596

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-21 Acquired: 06/29/2024 5:54:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5962879	-.018664	.2257344	-.077725	.0153194	159.4760
Stddev	.0020941	.000803	.0008943	.002733	.0011580	1.1058
%RSD	.3511821	4.304451	.3961633	3.515929	7.559154	.6933662
#1	.5952557	-.019556	.2257433	-.080373	.0166549	159.0890
#2	.5949103	-.017997	.2266243	-.074914	.0145932	160.7233
#3	.5986977	-.018440	.2248358	-.077889	.0147102	158.6159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.613324	.0051274	.0139907	86.41409	.3827475	.2455900
Stddev	.009989	.0000498	.0003667	.47652	.0004960	.0001668
%RSD	.3822416	.9710809	2.620846	.5514409	.1295826	.0679276
#1	2.611239	.0050760	.0139961	86.18373	.3821910	.2455749
#2	2.624192	.0051754	.0136213	86.96203	.3831429	.2454312
#3	2.604543	.0051308	.0143546	86.09652	.3829086	.2457638

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7825812	346.1366	14.03731	102.3393	.4596604	-.005388
Stddev	.0075419	1.9693	.06763	.4697	.0012702	.000762
%RSD	.9637238	.5689302	.4817956	.4589152	.2763407	14.13375
#1	.7828670	345.3322	14.00919	101.9961	.4597734	-.004802
#2	.7899761	348.3807	14.11447	102.8745	.4583374	-.005114
#3	.7749004	344.6968	13.98828	102.1472	.4608703	-.006249

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.012140	.8396809	1.173506	69.88591	F 16.02596	.2110158
Stddev	.239794	.0044144	.011801	.38024	.04395	.0027303
%RSD	4.784263	.5257271	1.005589	.5440821	.2742298	1.293860
#1	4.918044	.8355662	1.179227	69.83410	15.98147	.2080073
#2	5.284711	.8443438	1.181355	70.28939	16.02708	.2117043
#3	4.833665	.8391329	1.159935	69.53423	16.06934	.2133360

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-21 Acquired: 06/29/2024 5:54:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027620	6.040537	5.246597	.0008014	.9218076	.3782089
Stddev	.0004359	.028970	.041407	.0019983	.0070926	.0019741
%RSD	15.78085	.4795906	.7892118	249.3362	.7694206	.5219719
#1	.0025284	6.024942	5.204708	.0027962	.9171451	.3759346
#2	.0024928	6.022704	5.287504	-.001200	.9299698	.3792116
#3	.0032649	6.073963	5.247580	.000808	.9183079	.3794804

Elem	Sr4077
Units	ppm
Avg	.7491918
Stddev	.0056322
%RSD	.7517754
#1	.7465475
#2	.7556596
#3	.7453682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.972	33178.93	4717.249	1082.173	2473.068
Stddev	4.380	249.90	13.182	5.107	6.074
%RSD	.2204428	.7531975	.2794390	.4719330	.2456239
#1	1991.315	32890.37	4719.889	1076.664	2479.000
#2	1987.044	33322.39	4702.948	1086.750	2473.342
#3	1982.556	33324.03	4728.912	1083.106	2466.861

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-22 Acquired: 06/29/2024 5:58:46 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5T1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4764448	-.013430	.4575835	-.079236	.0162627	159.1978	4.331706
Stddev	.0053749	.003407	.0033112	.002651	.0035831	1.2338	.026162
%RSD	1.128124	25.37020	.7236339	3.346199	22.03269	.7750409	.6039639
#1	.4826426	-.011819	.4557794	-.078452	.0152900	158.0804	4.313880
#2	.4730631	-.011127	.4555661	-.082191	.0202317	160.5219	4.361740
#3	.4736286	-.017344	.4614050	-.077065	.0132664	158.9911	4.319497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035083	.0186178	68.79246	.3184522	.2592421	1.004753	364.2686
Stddev	.0001502	.0001686	.45082	.0049976	.0004037	.009223	3.2300
%RSD	4.281703	.9054409	.6553355	1.569335	.1557372	.9179301	.8867113
#1	.0035385	.0187539	68.32093	.3207806	.2588749	.997333	361.1622
#2	.0036412	.0186701	69.21924	.3218608	.2591770	1.015079	367.6094
#3	.0033453	.0184292	68.83721	.3127153	.2596745	1.001846	364.0342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.14381	106.9826	.3846068	-.004093	1.551181	.8765036	1.037766
Stddev	.18682	.8486	.0003218	.001108	.067800	.0099379	.033876
%RSD	.6882445	.7931704	.0836719	27.07503	4.370859	1.133812	3.264320
#1	26.97806	106.2395	.3849671	-.005372	1.602823	.8698118	1.048717
#2	27.34625	107.9072	.3845051	-.003495	1.474403	.8879227	1.064813
#3	27.10713	106.8010	.3843481	-.003412	1.576318	.8717763	.999770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.78748	9.641445	.1463703	-.002869	.9662559	2.996326	.0016548
Stddev	.23252	.025624	.0026996	.000421	.0053509	.008516	.0005535
%RSD	1.067201	.2657673	1.844382	14.67146	.5537722	.2842143	33.44921
#1	21.58896	9.654178	.1492269	-.002970	.9611507	2.987816	.0021924
#2	22.04328	9.611949	.1460227	-.003230	.9657944	3.004848	.0010866
#3	21.73020	9.658208	.1438613	-.002407	.9718225	2.996313	.0016855

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-22 Acquired: 06/29/2024 5:58:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9387951	.3601531	.2510493
Stddev	.0028993	.0021829	.0017502
%RSD	.3088364	.6061122	.6971687
#1	.9358817	.3626302	.2492727
#2	.9416802	.3593184	.2527719
#3	.9388235	.3585107	.2511033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.185	32540.23	4608.635	1071.707	2465.639
Stddev	4.232	404.51	15.950	19.464	5.329
%RSD	.2180272	1.243103	.3460928	1.816138	.2161118
#1	1939.519	32400.82	4626.599	1059.964	2461.385
#2	1938.038	32223.87	4596.134	1060.983	2463.915
#3	1945.996	32996.01	4603.172	1094.174	2471.615

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-01 Acquired: 06/29/2024 6:03:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3022318	-.021116	.7597088	-.067806	.0134233	171.8516
Stddev	.0017362	.002744	.0057212	.007116	.0004917	.4132
%RSD	.5744674	12.99433	.7530760	10.49444	3.663035	.2404689
#1	.3034843	-.018166	.7657648	-.059759	.0135235	172.0224
#2	.3002498	-.023591	.7543949	-.073268	.0138572	172.1521
#3	.3029611	-.021590	.7589666	-.070390	.0128893	171.3803

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915624	.0070202	.0152733	92.61337	.3328370	.1927299
Stddev	.001945	.0001913	.0002254	.12455	.0001959	.0005266
%RSD	.1015119	2.724409	1.475567	.1344842	.0588448	.2732474
#1	1.913713	.0068026	.0150706	92.47063	.3330570	.1930758
#2	1.915558	.0070965	.0152335	92.70000	.3327728	.1921238
#3	1.917601	.0071615	.0155160	92.66946	.3326814	.1929900

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6530863	330.0656	7.638345	75.00803	.3257517	-.003090
Stddev	.0012893	.7221	.006852	.31263	.0013874	.000577
%RSD	.1974148	.2187863	.0897075	.4167912	.4259227	18.66663
#1	.6542994	330.5086	7.642518	75.25585	.3273282	-.002451
#2	.6517324	330.4559	7.642080	75.11143	.3247164	-.003250
#3	.6532270	329.2323	7.630437	74.65680	.3252104	-.003571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.371382	.5489299	1.610189	33.98407	F 14.37839	.1660564
Stddev	.151041	.0038200	.011634	.21812	.03151	.0038543
%RSD	6.369314	.6958956	.7225243	.6418358	.2191425	2.321067
#1	2.210328	.5523136	1.598010	34.05571	14.40673	.1633991
#2	2.509871	.5496886	1.611370	34.15737	14.34446	.1642933
#3	2.393948	.5447875	1.621188	33.73914	14.38398	.1704769

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-01 Acquired: 06/29/2024 6:03:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022798	7.169189	1.257681	.0022093	1.566254	.2952147
Stddev	.0006006	.006922	.006155	.0006561	.007097	.0017224
%RSD	26.34496	.0965533	.4894145	29.69657	.4531149	.5834367
#1	.0018584	7.177163	1.250786	.0028553	1.573494	.2935278
#2	.0029675	7.164730	1.262621	.0015436	1.565957	.2951458
#3	.0020135	7.165672	1.259636	.0022289	1.559310	.2969705

Elem	Sr4077
Units	ppm
Avg	.6021403
Stddev	.0047743
%RSD	.7928844
#1	.6058133
#2	.6038640
#3	.5967435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.140	34806.23	4873.985	1143.347	2541.632
Stddev	3.385	59.36	12.465	5.295	6.902
%RSD	.1627487	.1705485	.2557510	.4631339	.2715413
#1	2076.435	34824.17	4872.985	1148.885	2533.685
#2	2083.072	34739.97	4862.050	1142.820	2546.120
#3	2080.913	34854.56	4886.921	1138.334	2545.090

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-01LX5 Acquired: 06/29/2024 6:07:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0685350	-.005687	.1582363	-.018387	.0021588	39.19722	.4444428
Stddev	.0014074	.001295	.0004089	.001319	.0008571	.19203	.0006079
%RSD	2.053513	22.77868	.2583930	7.172866	39.70193	.4899018	.1367814
#1	.0682915	-.006874	.1579466	-.019900	.0026435	39.08110	.4441126
#2	.0700482	-.005881	.1580582	-.017484	.0026638	39.09169	.4440715
#3	.0672653	-.004305	.1587040	-.017776	.0011692	39.41887	.4451444

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016617	.0024488	21.83502	.0781750	.0381303	.1628883	79.43734
Stddev	.0000716	.0000252	.02813	.0009163	.0004004	.0057427	.25683
%RSD	4.309226	1.028465	.1288128	1.172151	1.050125	3.525513	.3233071
#1	.0016790	.0024770	21.81762	.0771770	.0382878	.1609854	79.47613
#2	.0017231	.0024408	21.81997	.0783696	.0384281	.1583386	79.16333
#3	.0015830	.0024286	21.86747	.0789784	.0376751	.1693409	79.67257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.846586	17.44651	.0668931	-.000990	.5947798	.1297037	.3576834
Stddev	.004214	.06822	.0004427	.000235	.3321690	.0023717	.0134844
%RSD	.2282247	.3910147	.6617212	23.71756	55.84739	1.828541	3.769922
#1	1.842968	17.38884	.0671983	-.000829	.9262219	.1269713	.3535374
#2	1.845577	17.52181	.0663854	-.000881	.5962287	.1309110	.3467588
#3	1.851213	17.42887	.0670956	-.001259	.2618887	.1312289	.3727540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.635930	2.880555	.0410339	.0000164	1.412587	.3061105	.0000903
Stddev	.085187	.005254	.0002938	.0005814	.008125	.0043208	.0006675
%RSD	1.115605	.1823990	.7159498	3554.040	.5751644	1.411517	739.1232
#1	7.563416	2.876299	.0413229	.0006397	1.405718	.3039449	.0008247
#2	7.614626	2.886427	.0407356	-.000079	1.421555	.3110859	-.000480
#3	7.729746	2.878940	.0410433	-.000511	1.410487	.3033009	-.000074

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-01LX5 Acquired: 06/29/2024 6:07:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3699366	.0946754	.1407502
Stddev	.0007315	.0019142	.0010910
%RSD	.1977328	2.021897	.7751632
#1	.3690921	.0968344	.1398474
#2	.3703462	.0931858	.1404405
#3	.3703715	.0940059	.1419626

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1897.702	31566.72	4249.128	1043.395	2757.223
Stddev	6.366	169.44	5.557	4.428	11.028
%RSD	.3354583	.5367581	.1307874	.4244068	.3999848
#1	1902.360	31698.42	4243.988	1041.981	2762.022
#2	1900.299	31626.17	4248.370	1048.357	2765.039
#3	1890.448	31375.57	4255.025	1039.846	2744.608

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-02 Acquired: 06/29/2024 6:11:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2875801	-.023784	.7453993	-.074164	.0176992	167.5014
Stddev	.0065506	.002995	.0051655	.004369	.0016470	1.5598
%RSD	2.277850	12.59393	.6929820	5.891393	9.305627	.9312060
#1	.2819797	-.026350	.7418126	-.069149	.0187214	167.9383
#2	.2859772	-.020493	.7430655	-.077145	.0185769	168.7962
#3	.2947835	-.024509	.7513199	-.076199	.0157992	165.7698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.863172	.0071649	.0150327	89.58995	.3339197	.1881976
Stddev	.017116	.0001051	.0002879	.64559	.0024953	.0012018
%RSD	.9186476	1.467076	1.914881	.7206101	.7472865	.6386035
#1	1.869967	.0070771	.0148136	89.86529	.3310965	.1875373
#2	1.875847	.0072814	.0149258	90.05223	.3358303	.1874707
#3	1.843702	.0071363	.0153588	88.85234	.3348322	.1895848

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6371860	324.9540	7.434144	74.43008	.3175504	-.003130
Stddev	.0095388	2.0798	.049700	.51232	.0023771	.000336
%RSD	1.497018	.6400170	.6685345	.6883198	.7485684	10.74186
#1	.6450029	325.6442	7.456950	74.35634	.3161347	-.002955
#2	.6399976	326.6010	7.468348	74.97527	.3162218	-.003518
#3	.6265574	322.6169	7.377134	73.95862	.3202948	-.002918

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.317067	.5439097	1.516237	33.43301	F 13.97761	.1654521
Stddev	.198836	.0044227	.022936	.40842	.03450	.0027911
%RSD	8.581379	.8131352	1.512725	1.221617	.2467882	1.686930
#1	2.221071	.5474715	1.509380	33.47436	13.93986	.1683996
#2	2.545687	.5452982	1.497511	33.81918	13.98550	.1651070
#3	2.184443	.5389593	1.541820	33.00548	14.00749	.1628496

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-02 Acquired: 06/29/2024 6:11:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015262	6.896667	1.165554	.0018700	1.557492	.2890576
Stddev	.0006660	.017315	.015089	.0006149	.009314	.0013903
%RSD	43.63388	.2510628	1.294585	32.88128	.5979918	.4809805
#1	.0022607	6.889224	1.159930	.0011638	1.558221	.2893064
#2	.0013563	6.884317	1.182647	.0021595	1.566420	.2903067
#3	.0009617	6.916459	1.154085	.0022868	1.547835	.2875597

Elem	Sr4077
Units	ppm
Avg	.5850228
Stddev	.0066432
%RSD	1.135542
#1	.5863050
#2	.5909315
#3	.5778320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2086.741	34768.58	4823.729	1145.445	2556.188
Stddev	1.969	179.27	28.678	7.024	6.860
%RSD	.0943343	.5155997	.5945295	.6132049	.2683594
#1	2087.573	34681.09	4830.989	1149.235	2560.732
#2	2088.157	34974.79	4792.118	1149.760	2559.533
#3	2084.493	34649.86	4848.080	1137.340	2548.297

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-03 Acquired: 06/29/2024 6:16:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3836359	.0642650	.8328698	.0067256	.1025421	164.7841
Stddev	.0019558	.0009710	.0039206	.0096871	.0003486	.1827
%RSD	.5098080	1.510950	.4707363	144.0322	.3399934	.1108877
#1	.3858936	.0631449	.8323930	-.003416	.1023141	164.9363
#2	.3824600	.0647823	.8292093	.015883	.1023689	164.8344
#3	.3825540	.0648679	.8370070	.007711	.1029435	164.5814

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.032430	.0917328	.1124662	85.37001	.6176921	1.134043
Stddev	.004776	.0006864	.0002497	.20618	.0026919	.006296
%RSD	.0949017	.7482126	.2219767	.2415190	.4358080	.5551680
#1	5.035302	.0922342	.1122842	85.55099	.6188459	1.129446
#2	5.035072	.0920135	.1123636	85.41348	.6146156	1.131463
#3	5.026917	.0909505	.1127508	85.14555	.6196149	1.141219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.022847	329.8517	8.202164	72.13869	1.224966	.0639549
Stddev	.001624	.8946	.023457	.29392	.005695	.0000949
%RSD	.1587795	.2712102	.2859864	.4074340	.4648728	.1483623
#1	1.021095	330.7892	8.229182	72.44120	1.220568	.0640538
#2	1.024301	329.7588	8.190313	71.85420	1.222932	.0639462
#3	1.023147	329.0073	8.186996	72.12066	1.231398	.0638646

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.347571	1.336209	2.243347	32.33734	F 13.44651	.1512520
Stddev	.158080	.003055	.036555	.06556	.04583	.0011243
%RSD	6.733786	.2286159	1.629470	.2027249	.3408303	.7432998
#1	2.268230	1.337288	2.205229	32.26368	13.43634	.1501726
#2	2.244876	1.338578	2.246706	32.35907	13.40661	.1524163
#3	2.529608	1.332761	2.278107	32.38927	13.49656	.1511671

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2828-03 Acquired: 06/29/2024 6:16:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4246935	7.769537	1.243047	.0000066	1.707183	.2816254
Stddev	.0018621	.026466	.009500	.0026219	.005741	.0016476
%RSD	.4384585	.3406386	.7642246	39928.21	.3362807	.5850248
#1	.4243722	7.753295	1.253847	.0003606	1.713653	.2797327
#2	.4230129	7.755239	1.239313	.0024334	1.705200	.2824043
#3	.4266953	7.800077	1.235982	-.002774	1.702697	.2827390

Elem	Sr4077
Units	ppm
Avg	.5709380
Stddev	.0007789
%RSD	.1364221
#1	.5704254
#2	.5705543
#3	.5718343

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.501	35593.45	5049.055	1179.249	2606.998
Stddev	8.309	102.38	21.919	9.139	8.498
%RSD	.3858235	.2876453	.4341169	.7749823	.3259815
#1	2161.044	35652.30	5030.037	1188.119	2613.596
#2	2154.865	35652.82	5044.101	1179.763	2609.989
#3	2144.595	35475.22	5073.027	1169.863	2597.408

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-04 Acquired: 06/29/2024 6:20:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8194508	.0125127	.7946671	-.215209	.0368524	147.2811
Stddev	.0061962	.0012899	.0020597	.007217	.0011382	.4284
%RSD	.7561426	10.30874	.2591891	3.353553	3.088600	.2908832
#1	.8211954	.0117479	.7965408	-.215229	.0364733	146.7950
#2	.8245877	.0117883	.7949987	-.222417	.0359521	147.4443
#3	.8125693	.0140020	.7924617	-.207982	.0381318	147.6039

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.708422	.0035181	.0343867	34.70105	.3404540	.4205524
Stddev	.022036	.0001643	.0010084	.09797	.0063915	.0016464
%RSD	.2530438	4.670004	2.932528	.2823281	1.877340	.3914768
#1	8.686359	.0033340	.0352978	34.59338	.3473171	.4224340
#2	8.708476	.0036499	.0345592	34.72486	.3346721	.4193768
#3	8.730431	.0035703	.0333032	34.78493	.3393729	.4198463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.168872	F 955.0938	F 138.4387	77.29166	.4893793	-.014724
Stddev	.005848	2.6723	1.4685	.03792	.0035427	.000861
%RSD	.5002916	.2797917	1.060723	.0490597	.7239147	5.845415
#1	1.167672	952.1255	136.8745	77.26131	.4919517	-.014971
#2	1.175227	955.8481	138.6541	77.33416	.4908476	-.013767
#3	1.163717	957.3079	139.7876	77.27949	.4853385	-.015434

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.065209	1.024063	1.403612	21.95181	8.298116	.3195887
Stddev	.187304	.006071	.017769	.12998	.037990	.0026526
%RSD	6.110659	.5928201	1.265958	.5921096	.4578173	.8300055
#1	2.924773	1.030711	1.417113	21.81176	8.337965	.3205712
#2	3.277874	1.022664	1.410241	22.06857	8.294075	.3165850
#3	2.992980	1.018813	1.383481	21.97511	8.262308	.3216099

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2828-04 Acquired: 06/29/2024 6:20:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030297	.4931711	.9021037	.0023708	1.823643	.3659523
Stddev	.0005981	.0115893	.0112882	.0005080	.007773	.0018700
%RSD	19.74097	2.349947	1.251321	21.42948	.4262094	.5110063
#1	.0036556	.5057743	.8900269	.0018768	1.814728	.3643670
#2	.0029698	.4907658	.9123891	.0028918	1.828998	.3654751
#3	.0024639	.4829732	.9038952	.0023436	1.827203	.3680147

Elem	Sr4077
Units	ppm
Avg	.8132475
Stddev	.0029475
%RSD	.3624326
#1	.8100834
#2	.8159153
#3	.8137440

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.495	32627.06	4621.224	1080.981	2562.205
Stddev	7.322	381.98	33.040	11.190	10.002
%RSD	.3698680	1.170744	.7149646	1.035190	.3903678
#1	1975.628	32186.24	4659.304	1068.333	2550.662
#2	1987.939	32834.59	4604.198	1085.017	2568.316
#3	1974.918	32860.34	4600.170	1089.593	2567.637

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV089 Acquired: 06/29/2024 6:24:53 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.971686	4.801867	24.58719	4.722686	4.876596	403.9380	9.939492
Stddev	.014371	.028305	.12642	.035743	.019714	2.0830	.049497
%RSD	.2890591	.5894642	.5141526	.7568463	.4042505	.5156772	.4979787
#1	4.956449	4.770858	24.45584	4.688983	4.855290	405.7102	9.973014
#2	4.984998	4.826317	24.59774	4.760170	4.880312	401.6436	9.882642
#3	4.973611	4.808428	24.70801	4.718906	4.894188	404.4603	9.962819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5112820	2.492113	396.5724	15.31958	2.478061	14.76590	391.0675
Stddev	.0006225	.008768	1.9533	.01890	.011575	.08401	1.8101
%RSD	.1217552	.3518272	.4925418	.1233803	.4670859	.5689223	.4628721
#1	.5114954	2.482010	397.9688	15.29803	2.465508	14.86243	392.2650
#2	.5105808	2.497730	394.3403	15.32734	2.480366	14.72588	388.9851
#3	.5117697	2.496599	397.4082	15.33337	2.488310	14.70938	391.9523

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.99878	387.6311	2.483781	1.286336	402.0361	2.535970	14.52826
Stddev	.08012	1.5790	.009454	.004662	2.0259	.021620	.09847
%RSD	.5341808	.4073476	.3806207	.3623988	.5039006	.8525157	.6777965
#1	15.06062	388.8460	2.472882	1.285181	403.1180	2.551872	14.63389
#2	14.90827	385.8463	2.488687	1.282360	399.6990	2.511353	14.43900
#3	15.02746	388.2011	2.489772	1.291466	403.2913	2.544686	14.51189

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.1180	4.980703	5.006714	4.838478	4.944821	5.095709	5.004298
Stddev	.5542	.026662	.019995	.015057	.026767	.011428	.020013
%RSD	.3667343	.5352963	.3993731	.3111884	.5413210	.2242756	.3999156
#1	151.6155	4.951160	5.010151	4.823481	4.915303	5.086034	4.983481
#2	151.2179	4.987976	4.985222	4.853594	4.967519	5.092775	5.006018
#3	150.5207	5.002974	5.024768	4.838360	4.951639	5.108319	5.023396

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV089 Acquired: 06/29/2024 6:24:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.822068	5.104927	4.891401
Stddev	.027082	.037583	.061698
%RSD	.5616269	.7362115	1.261355
#1	4.842509	5.108043	4.858862
#2	4.791352	5.065882	4.962557
#3	4.832344	5.140854	4.852783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1485.691	26076.03	3821.634	819.6370	2070.106
Stddev	5.019	37.69	1.665	4.2683	5.938
%RSD	.3378450	.1445528	.0435782	.5207493	.2868472
#1	1490.195	26069.75	3821.881	816.0579	2076.904
#2	1480.280	26116.47	3823.162	818.4921	2067.482
#3	1486.597	26041.87	3819.859	824.3609	2065.933

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB089 Acquired: 06/29/2024 6:29:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020431	.0014472	.0000855	.0011848	-.001962	.0004368
Stddev	.0027093	.0012244	.0020542	.0019264	.000662	.0026884
%RSD	132.6101	84.60764	2403.690	162.5931	33.73360	615.4510
#1	.0031830	.0021193	-.001346	-.001024	-.002721	-.000808
#2	.0039962	.0021883	-.000837	.002518	-.001503	-.001404
#3	-.001050	.0000339	.002439	.002060	-.001662	.003522

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008388	.0000794	.0001008	.0378391	-.000142	.0002549
Stddev	.0004530	.0000693	.0000537	.0113643	.000355	.0000753
%RSD	54.00836	87.23271	53.33495	30.03326	249.9508	29.55454
#1	.0009583	.0000805	.0001189	.0249347	-.000403	.0003324
#2	.0003380	.0001480	.0000403	.0422284	-.000287	.0001820
#3	.0012201	.0000096	.0001431	.0463541	.000263	.0002502

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066859	.0282306	.0012591	.0157047	-.000229	-.000025
Stddev	.0021305	.0198442	.0001574	.0790119	.000418	.000244
%RSD	31.86639	70.29327	12.50085	503.1101	182.5434	965.4557
#1	.0084191	.0494890	.0010783	-.072054	-.000257	.000241
#2	.0073311	.0250073	.0013656	.037982	-.000632	-.000237
#3	.0043073	.0101953	.0013333	.081187	.000203	-.000080

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2538485	.0012191	-.004567	.2349751	-.002943	.0100723
Stddev	.0483638	.0038746	.006398	.1179803	.003955	.0010921
%RSD	19.05224	317.8191	140.0946	50.20970	134.3728	10.84259
#1	.3093928	-.001311	.001747	.2331109	-.007509	.0111479
#2	.2210580	-.000712	-.004401	.3538764	-.000750	.0101045
#3	.2310948	.005680	-.011046	.1179379	-.000571	.0089645

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB089 Acquired: 06/29/2024 6:29:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005417	-.002262	.0011801	.0004874	.0011992	F .0387600
Stddev	.0001192	.003620	.0013296	.0007756	.0012151	.0015191
%RSD	22.01010	160.0553	112.6727	159.1155	101.3291	3.919320
#1	.0004446	-.005205	.0025920	.0004906	.0002040	.0372396
#2	.0006748	.001780	.0009964	-.000290	.0025533	.0387625
#3	.0005057	-.003359	-.000048	.001261	.0008402	.0402779

Elem	Sr4077
Units	ppm
Avg	.0001056
Stddev	.0000162
%RSD	15.32069
#1	.0001021
#2	.0000914
#3	.0001232

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.538	30704.15	4072.513	1010.286	2920.285
Stddev	13.272	360.04	8.878	15.349	23.205
%RSD	.7129401	1.172613	.2179959	1.519257	.7946029
#1	1854.034	30299.24	4079.630	992.572	2905.090
#2	1853.718	30988.23	4075.345	1018.655	2908.771
#3	1876.862	30824.99	4062.565	1019.632	2946.995

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-05 Acquired: 06/29/2024 6:33:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.050983	-.027076	.5206856	-.237352	.0409273	158.3896
Stddev	.001330	.003445	.0063547	.005452	.0025007	4.2280
%RSD	.1265236	12.72500	1.220442	2.297041	6.110013	2.669366
#1	1.052129	-.028791	.5217932	-.235593	.0400369	163.2666
#2	1.051296	-.029327	.5138500	-.232997	.0437513	156.1438
#3	1.049525	-.023110	.5264137	-.243467	.0389937	155.7584

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.706480	.0038955	.0335765	28.30566	.4289288	.4448483
Stddev	.141446	.0000476	.0008639	.63814	.0013471	.0008348
%RSD	2.478697	1.221591	2.572991	2.254450	.3140684	.1876593
#1	5.869685	.0039445	.0326300	29.03415	.4291736	.4456485
#2	5.619396	.0038928	.0337769	27.84554	.4301368	.4439827
#3	5.630358	.0038494	.0343227	28.03728	.4274761	.4449138

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.361118	F 1010.576	F 91.87060	88.66026	.4889513	-.018199
Stddev	.039423	25.487	2.19700	2.31235	.0005148	.001421
%RSD	2.896367	2.522074	2.391402	2.608100	.1052880	7.806065
#1	1.404709	1039.933	94.39985	91.32540	.4885713	-.016735
#2	1.350680	997.695	90.77620	87.46812	.4895371	-.019572
#3	1.327964	994.099	90.43576	87.18725	.4887453	-.018289

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.178332	1.239340	1.578180	37.85508	8.774082	.3676933
Stddev	.123864	.032223	.037108	.74732	.014777	.0155852
%RSD	3.897151	2.600003	2.351326	1.974172	.1684112	4.238645
#1	3.046560	1.276307	1.619894	38.71767	8.783671	.3856889
#2	3.196056	1.224509	1.565807	37.44495	8.757065	.3588240
#3	3.292379	1.217203	1.548839	37.40261	8.781510	.3585670

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-05 Acquired: 06/29/2024 6:33:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018789	.4509820	1.069896	.0043221	2.132601	.3917714
Stddev	.0005801	.0276631	.013519	.0022623	.059705	.0079160
%RSD	30.87466	6.133969	1.263551	52.34396	2.799653	2.020573
#1	.0015528	.4237172	1.084523	.0028448	2.201534	.4008986
#2	.0025486	.4790269	1.067304	.0069265	2.099103	.3867787
#3	.0015352	.4502017	1.057861	.0031948	2.097166	.3876369

Elem	Sr4077
Units	ppm
Avg	.5607194
Stddev	.0149343
%RSD	2.663424
#1	.5777655
#2	.5544562
#3	.5499365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.292	33057.45	4564.591	1095.104	2582.757
Stddev	.717	342.75	77.377	8.161	4.577
%RSD	.0359650	1.036822	1.695150	.7452196	.1772190
#1	1995.117	32841.13	4477.038	1089.744	2583.452
#2	1993.944	32878.59	4592.940	1091.072	2586.947
#3	1993.816	33452.63	4623.795	1104.496	2577.872

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-06 Acquired: 06/29/2024 6:38:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8907362	-.039654	.5511223	-.292469	.0528249	163.2362
Stddev	.0211776	.003817	.0063281	.015411	.0026946	1.8487
%RSD	2.377542	9.625703	1.148221	5.269388	5.100940	1.132527
#1	.8975209	-.043614	.5582031	-.283688	.0542375	162.9419
#2	.8669977	-.039350	.5491442	-.310264	.0545194	161.5522
#3	.9076901	-.035998	.5460195	-.283456	.0497177	165.2143

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.025724	.0042023	.0394950	26.54103	.4760280	.4920305
Stddev	.080160	.0002308	.0009031	.35083	.0006065	.0020566
%RSD	1.330289	5.491528	2.286639	1.321839	.1274069	.4179884
#1	6.009312	.0041129	.0396611	26.39639	.4759018	.4937933
#2	5.955041	.0044645	.0403035	26.28564	.4754946	.4925273
#3	6.112820	.0040297	.0385204	26.94105	.4766877	.4897710

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.177000	F 1204.752	F 96.80295	98.04067	.5075802	-.021037
Stddev	.021731	12.128	1.04200	.88713	.0034143	.001233
%RSD	1.846344	1.006644	1.076414	.9048553	.6726683	5.862154
#1	1.168007	1202.158	96.57256	97.76542	.5114015	-.021315
#2	1.161208	1194.131	95.89542	97.32379	.5065096	-.022108
#3	1.201784	1217.967	97.94086	99.03279	.5048295	-.019689

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.566080	1.147671	1.915139	44.25178	9.447636	.3923618
Stddev	.124295	.016554	.009300	.50973	.003796	.0072686
%RSD	3.485485	1.442387	.4856165	1.151880	.0401778	1.852528
#1	3.587013	1.139537	1.915748	44.23663	9.450291	.3902974
#2	3.432647	1.136757	1.924120	43.74980	9.449329	.3863487
#3	3.678579	1.166718	1.905549	44.76892	9.443288	.4004393

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-06 Acquired: 06/29/2024 6:38:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019004	.6180856	.9154330	.0079571	1.777635	.4408249
Stddev	.0005284	.0084070	.0043937	.0015060	.019260	.0075025
%RSD	27.80665	1.360175	.4799538	18.92691	1.083477	1.701925
#1	.0014876	.6133166	.9184295	.0095341	1.770619	.4353867
#2	.0017176	.6131475	.9174802	.0065338	1.762866	.4377040
#3	.0024959	.6277927	.9103893	.0078034	1.799419	.4493842

Elem	Sr4077
Units	ppm
Avg	.5237751
Stddev	.0066485
%RSD	1.269340
#1	.5229071
#2	.5176033
#3	.5308150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.852	32529.43	4561.690	1068.355	2539.032
Stddev	5.484	138.09	47.456	2.331	8.591
%RSD	.2821380	.4245081	1.040315	.2182104	.3383577
#1	1938.293	32677.51	4584.050	1070.436	2532.266
#2	1944.005	32506.61	4593.836	1068.792	2536.132
#3	1949.258	32404.18	4507.185	1065.835	2548.697

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-07 Acquired: 06/29/2024 6:42:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9391898	-.053090	.6250523	-.272107	.0562479	205.2156
Stddev	.0217155	.001560	.0036537	.005715	.0040328	.4728
%RSD	2.312152	2.938453	.5845403	2.100113	7.169689	.2303880
#1	.9526264	-.054891	.6291762	-.275553	.0516053	204.9199
#2	.9508060	-.052180	.6222193	-.275257	.0582560	205.7609
#3	.9141369	-.052197	.6237614	-.265511	.0588824	204.9659

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.880809	.0073470	.0424950	31.46258	.6267245	.4857509
Stddev	.003587	.0001378	.0005349	.07272	.0036090	.0020684
%RSD	.0734929	1.875489	1.258621	.2311448	.5758444	.4258202
#1	4.880899	.0074527	.0423232	31.45383	.6277172	.4880572
#2	4.884350	.0071912	.0420671	31.53928	.6297332	.4840601
#3	4.877178	.0073972	.0430946	31.39463	.6227231	.4851354

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.385906	F 1125.097	F 63.06683	115.6457	.6687070	-.021436
Stddev	.007556	2.587	.16866	.4932	.0022612	.000409
%RSD	.5452008	.2299390	.2674257	.4264885	.3381385	1.908674
#1	1.382543	1124.232	63.02978	115.2048	.6711773	-.021728
#2	1.394559	1128.006	63.25094	116.1783	.6667397	-.021613
#3	1.380615	1123.053	62.91979	115.5539	.6682040	-.020969

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.734114	1.506823	1.743472	45.00703	F 12.27931	.3864113
Stddev	.012964	.008671	.017285	.14997	.05472	.0077953
%RSD	.3471804	.5754739	.9914280	.3332185	.4455950	2.017369
#1	3.743179	1.498388	1.736460	45.04873	12.34198	.3898658
#2	3.719265	1.515713	1.730795	45.13175	12.24103	.3774857
#3	3.739899	1.506369	1.763162	44.84063	12.25493	.3918825

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2828-07 Acquired: 06/29/2024 6:42:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002559	1.266767	1.169041	.0034279	3.010632	.4074248
Stddev	.001425	.006668	.020767	.0016826	.005943	.0023055
%RSD	55.68179	.5263711	1.776412	49.08545	.1974016	.5658597
#1	-.002017	1.273390	1.158299	.0048158	3.010493	.4096044
#2	-.004175	1.260055	1.192979	.0039115	3.016643	.4076588
#3	-.001484	1.266854	1.155846	.0015565	3.004760	.4050113

Elem	Sr4077
Units	ppm
Avg	.3853575
Stddev	.0008391
%RSD	.2177527
#1	.3856277
#2	.3860282
#3	.3844166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.598	33271.41	4673.434	1090.841	2516.092
Stddev	5.174	163.85	15.521	4.303	5.196
%RSD	.2608402	.4924787	.3321098	.3944433	.2065203
#1	1979.220	33082.35	4676.166	1088.318	2510.352
#2	1982.266	33359.48	4656.729	1095.809	2517.451
#3	1989.308	33372.40	4687.408	1088.396	2520.474

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-08 Acquired: 06/29/2024 6:46:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6951884	-.038561	.5256318	-.258991	.0453559	149.4813
Stddev	.0128615	.003509	.0068455	.007938	.0029506	3.5519
%RSD	1.850077	9.098854	1.302336	3.064821	6.505317	2.376129
#1	.7000688	-.039836	.5330657	-.260752	.0469623	146.3853
#2	.7048954	-.034593	.5242415	-.250320	.0471547	148.6997
#3	.6806009	-.041254	.5195882	-.265900	.0419507	153.3588

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.931693	.0046890	.0281582	28.19481	.4096447	.4396161
Stddev	.110801	.0002097	.0017242	.61454	.0017306	.0036760
%RSD	2.246721	4.472793	6.123072	2.179616	.4224547	.8361773
#1	4.847193	.0045664	.0301444	27.80273	.4110809	.4433891
#2	4.890746	.0049312	.0272830	27.87864	.4101298	.4360456
#3	5.057140	.0045695	.0270471	28.90307	.4077233	.4394137

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8882446	F 1074.318	F 76.67262	81.33325	.4510205	-.022289
Stddev	.0231945	24.536	1.70967	1.84025	.0018581	.001991
%RSD	2.611269	2.283900	2.229825	2.262601	.4119703	8.932696
#1	.8673375	1053.438	75.29482	79.81852	.4531327	-.022447
#2	.8842016	1068.175	76.13709	80.79999	.4496385	-.024196
#3	.9131948	1101.343	78.58594	83.38124	.4502903	-.020224

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.181272	1.047703	1.391990	36.70707	8.138362	.3989200
Stddev	.243948	.029315	.014410	.91244	.050084	.0160561
%RSD	7.668241	2.798056	1.035206	2.485720	.6154048	4.024887
#1	2.976564	1.018494	1.387817	35.90746	8.187762	.3803815
#2	3.451201	1.047491	1.408026	36.51275	8.087622	.4079840
#3	3.116050	1.077124	1.380127	37.70102	8.139703	.4083944

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-08 Acquired: 06/29/2024 6:46:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027490	.5202356	1.147494	.0028458	2.435775	.3439726
Stddev	.0006259	.0206061	.013617	.0020186	.058232	.0109149
%RSD	22.76952	3.960921	1.186700	70.93189	2.390710	3.173194
#1	.0030938	.5395623	1.141482	.0036378	2.380889	.3389486
#2	.0020265	.4985526	1.137919	.0005513	2.429577	.3364744
#3	.0031267	.5225918	1.163083	.0043482	2.496858	.3564949

Elem	Sr4077
Units	ppm
Avg	.4793506
Stddev	.0119976
%RSD	2.502893
#1	.4692539
#2	.4761841
#3	.4926139

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.321	32959.69	4496.943	1080.130	2566.708
Stddev	8.720	189.49	94.967	9.366	17.087
%RSD	.4475642	.5749267	2.111810	.8671195	.6657207
#1	1941.895	32796.11	4549.925	1069.587	2548.727
#2	1958.247	33167.34	4553.599	1087.490	2582.733
#3	1944.820	32915.63	4387.305	1083.312	2568.664

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-09 Acquired: 06/29/2024 6:50:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2728581	-.011874	.6908519	-.049850	.0132575	109.4874
Stddev	.0024713	.003512	.0061982	.001178	.0029312	1.1914
%RSD	.9056940	29.57440	.8971875	2.362356	22.11019	1.088143
#1	.2723186	-.008741	.6843031	-.048537	.0100683	110.2161
#2	.2755545	-.015670	.6966268	-.050197	.0158340	108.1125
#3	.2707011	-.011211	.6916259	-.050814	.0138700	110.1335

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.004277	.0052637	.0126662	224.5524	.1612865	.1240400
Stddev	.010328	.0000367	.0003558	1.3612	.0009055	.0014818
%RSD	.5153079	.6966708	2.809203	.6061860	.5613957	1.194628
#1	2.007834	.0052908	.0123809	225.2525	.1617639	.1229061
#2	1.992641	.0052784	.0130649	222.9836	.1602422	.1257167
#3	2.012357	.0052220	.0125528	225.4210	.1618533	.1234973

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8737555	229.9382	5.739961	52.56260	.3136091	-.002166
Stddev	.0105114	1.7491	.038126	.53814	.0040807	.000744
%RSD	1.203012	.7606898	.6642157	1.023799	1.301204	34.32605
#1	.8827159	230.9658	5.768583	52.94450	.3097161	-.001313
#2	.8621850	227.9186	5.696682	51.94714	.3178546	-.002512
#3	.8763656	230.9301	5.754619	52.79615	.3132567	-.002674

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532916	.3405006	1.375558	22.85767	F 15.37588	.1127033
Stddev	.077090	.0049038	.014362	.34054	.14767	.0021444
%RSD	5.028954	1.440185	1.044070	1.489809	.9604080	1.902652
#1	1.583571	.3424292	1.392142	23.03035	15.24022	.1128424
#2	1.570979	.3349257	1.367223	22.46539	15.53318	.1104928
#3	1.444198	.3441470	1.367311	23.07728	15.35424	.1147747

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-09 Acquired: 06/29/2024 6:50:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000179	2.215182	1.016067	.0838206	2.279580	.2381977
Stddev	.0002805	.006840	.003596	.0025997	.026664	.0024083
%RSD	1569.279	.3087876	.3539106	3.101512	1.169703	1.011065
#1	-.000009	2.210578	1.018339	.0824652	2.296131	.2373745
#2	.000311	2.223042	1.011921	.0868180	2.248820	.2409097
#3	-.000248	2.211926	1.017942	.0821788	2.293788	.2363089

Elem	Sr4077
Units	ppm
Avg	1.368498
Stddev	.018696
%RSD	1.366159
#1	1.379919
#2	1.346923
#3	1.378654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.757	33201.55	4659.577	1102.301	2583.293
Stddev	18.096	74.05	27.007	3.653	24.449
%RSD	.9035698	.2230420	.5796011	.3314263	.9464221
#1	2011.589	33121.80	4638.062	1098.537	2601.734
#2	1981.941	33268.15	4689.884	1105.832	2555.561
#3	2014.742	33214.70	4650.783	1102.535	2592.584

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-10 Acquired: 06/29/2024 6:55:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2382558	-.016332	.4344353	-.063219	.0122096	140.6357
Stddev	.0104491	.002919	.0022018	.003555	.0024317	.3509
%RSD	4.385668	17.87502	.5068197	5.622952	19.91619	.2494944
#1	.2333010	-.016692	.4331514	-.067228	.0148502	140.9520
#2	.2502606	-.019055	.4369777	-.061977	.0117161	140.2583
#3	.2312058	-.013249	.4331768	-.060452	.0100625	140.6969

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.568369	.0074110	.0139679	270.7204	.2192305	.1529446
Stddev	.007390	.0000399	.0003087	.7724	.0009554	.0026257
%RSD	.2877215	.5385492	2.209836	.2852975	.4358173	1.716733
#1	2.573839	.0073958	.0136122	271.2393	.2188491	.1499155
#2	2.559962	.0074563	.0141259	269.8328	.2185247	.1543471
#3	2.571305	.0073809	.0141656	271.0892	.2203178	.1545711

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4692707	270.0568	6.872300	69.44798	.4425580	-.003776
Stddev	.0039725	.4621	.018283	.18333	.0051424	.000285
%RSD	.8465265	.1711052	.2660416	.2639883	1.161963	7.551869
#1	.4734718	270.5489	6.884390	69.65543	.4366481	-.003448
#2	.4687650	269.6321	6.851267	69.38079	.4460115	-.003907
#3	.4655752	269.9896	6.881243	69.30772	.4450143	-.003971

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.693426	.4091027	1.762138	34.08769	F 22.75091	.1383404
Stddev	.132062	.0026341	.011448	.02815	.30108	.0012954
%RSD	4.903116	.6438783	.6496390	.0825899	1.323398	.9363773
#1	2.562748	.4071870	1.749953	34.10720	22.40475	.1393898
#2	2.690700	.4121066	1.772668	34.10046	22.95194	.1368926
#3	2.826829	.4080145	1.763792	34.05542	22.89604	.1387387

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-10 Acquired: 06/29/2024 6:55:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002807	4.082340	1.211072	-.001593	2.160690	.2755962
Stddev	.0004915	.058218	.011550	.001293	.008267	.0046869
%RSD	175.0968	1.426101	.9536678	81.16209	.3825978	1.700647
#1	.0004203	4.015150	1.221998	-.002277	2.168981	.2801919
#2	-.000265	4.114064	1.212231	-.002401	2.152448	.2708231
#3	.000687	4.117806	1.198986	-.000102	2.160642	.2757736

Elem	Sr4077
Units	ppm
Avg	1.843368
Stddev	.003566
%RSD	.1934768
#1	1.847358
#2	1.840489
#3	1.842258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2051.384	33961.12	4835.240	1130.227	2529.361
Stddev	17.985	6.39	9.135	6.207	26.730
%RSD	.8767020	.0188203	.1889299	.5491947	1.056793
#1	2072.150	33964.59	4826.132	1136.596	2560.105
#2	2040.864	33965.03	4835.186	1124.196	2511.620
#3	2041.138	33953.75	4844.402	1129.889	2516.358

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-11 Acquired: 06/29/2024 6:59:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3301288	-.021850	.6612375	-.077179	.0192954	156.3775
Stddev	.0055002	.003526	.0028971	.002987	.0025660	.6960
%RSD	1.666084	16.13634	.4381256	3.870755	13.29834	.4451058
#1	.3342513	-.018978	.6607537	-.076577	.0221964	155.5752
#2	.3322516	-.020788	.6643460	-.074539	.0173231	156.7377
#3	.3238835	-.025785	.6586129	-.080422	.0183666	156.8197

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.031337	.0088727	.0205703	246.5147	.2938118	.2001571
Stddev	.005193	.0002156	.0002944	.3802	.0019686	.0003912
%RSD	.1713142	2.429958	1.431371	.1542279	.6700318	.1954559
#1	3.025881	.0086389	.0209094	246.2570	.2945296	.2004516
#2	3.031911	.0090636	.0204217	246.3357	.2915850	.1997132
#3	3.036220	.0089156	.0203798	246.9513	.2953208	.2003065

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8196527	335.1617	7.699842	84.50106	.6182025	-.003635
Stddev	.0019074	.9154	.019699	.12773	.0020361	.000160
%RSD	.2327110	.2731344	.2558387	.1511604	.3293578	4.406109
#1	.8180638	334.1349	7.677155	84.36003	.6204300	-.003545
#2	.8191263	335.4578	7.712613	84.60896	.6164373	-.003540
#3	.8217681	335.8925	7.709757	84.53420	.6177403	-.003820

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.214476	.5446136	1.857281	33.07725	F 26.63380	.1428668
Stddev	.338632	.0029972	.000740	.17891	.07763	.0009052
%RSD	15.29173	.5503393	.0398164	.5408909	.2914847	.6336120
#1	2.560771	.5417013	1.856555	32.87809	26.69258	.1425899
#2	2.198590	.5444504	1.858034	33.22440	26.54580	.1421324
#3	1.884066	.5476891	1.857254	33.12925	26.66303	.1438782

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-11 Acquired: 06/29/2024 6:59:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000274	3.286407	.8005369	.0083877	2.564144	.2775309
Stddev	.000546	.006147	.0171119	.0026851	.011685	.0032112
%RSD	199.1230	.1870581	2.137553	32.01280	.4556948	1.157057
#1	.000192	3.292690	.8161474	.0054179	2.550682	.2738530
#2	-.000874	3.286127	.7822411	.0091010	2.570101	.2797778
#3	-.000140	3.280405	.8032221	.0106441	2.571651	.2789619

Elem	Sr4077
Units	ppm
Avg	1.889830
Stddev	.013829
%RSD	.7317375
#1	1.873871
#2	1.898264
#3	1.897356

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.809	34733.43	4924.344	1151.308	2496.241
Stddev	2.074	45.96	10.799	2.207	5.941
%RSD	.0993122	.1323252	.2192950	.1916912	.2380123
#1	2086.792	34746.03	4926.690	1151.083	2490.394
#2	2090.937	34682.49	4912.565	1149.222	2502.272
#3	2088.698	34771.78	4933.777	1153.619	2496.056

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-12 Acquired: 06/29/2024 7:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3539299	-.018247	.6956146	-.064591	.0214510	127.0970
Stddev	.0088151	.004275	.0038629	.001074	.0050140	.3482
%RSD	2.490640	23.42567	.5553228	1.663212	23.37416	.2739329
#1	.3609560	-.022907	.6947739	-.065317	.0256670	127.4810
#2	.3567951	-.017326	.6922413	-.063357	.0159066	127.0080
#3	.3440387	-.014508	.6998286	-.065099	.0227793	126.8020

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.631378	.0072210	.0191150	219.6712	.2138746	.1529271
Stddev	.003526	.0002405	.0002091	.3610	.0008194	.0004009
%RSD	.1339906	3.329953	1.093802	.1643338	.3831010	.2621714
#1	2.635272	.0069553	.0188843	220.0432	.2144623	.1526928
#2	2.628404	.0074236	.0192920	219.6480	.2129386	.1526984
#3	2.630457	.0072841	.0191686	219.3224	.2142229	.1533900

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8108125	305.8141	7.696553	56.74115	.3980412	-.002898
Stddev	.0016679	.5293	.018226	.11096	.0011310	.000120
%RSD	.2057091	.1730856	.2368015	.1955587	.2841431	4.126919
#1	.8124940	306.2258	7.713267	56.79794	.3991755	-.002770
#2	.8091585	305.9995	7.699271	56.81222	.3969135	-.003007
#3	.8107852	305.2170	7.677121	56.61329	.3980345	-.002917

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.870944	.4923002	1.941523	26.57633	F 17.55214	.1333114
Stddev	.197978	.0018034	.006953	.07900	.04755	.0027346
%RSD	10.58174	.3663275	.3581280	.2972688	.2708797	2.051319
#1	2.022654	.4935776	1.933946	26.55372	17.57173	.1361921
#2	1.943188	.4902372	1.943012	26.51109	17.49793	.1307511
#3	1.646989	.4930857	1.947612	26.66417	17.58677	.1329908

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2828-12 Acquired: 06/29/2024 7:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4E9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007980	3.106873	1.235942	-.004151	3.011151	.2141294
Stddev	.0003830	.013970	.019411	.001040	.011272	.0014605
%RSD	47.99900	.4496590	1.570559	25.04708	.3743479	.6820827
#1	.0003557	3.122228	1.257820	-.003147	3.024153	.2158158
#2	.0010192	3.094913	1.220782	-.005223	3.005176	.2132673
#3	.0010190	3.103480	1.229223	-.004084	3.004125	.2133052

Elem	Sr4077
Units	ppm
Avg	1.398831
Stddev	.000252
%RSD	.0180180
#1	1.399077
#2	1.398842
#3	1.398573

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.208	34287.50	4787.237	1128.748	2543.604
Stddev	2.344	15.22	7.742	6.794	1.953
%RSD	.1137910	.0443906	.1617313	.6019222	.0767692
#1	2062.209	34301.24	4795.670	1136.294	2544.917
#2	2060.787	34290.11	4785.591	1126.832	2544.535
#3	2057.629	34271.14	4780.450	1123.117	2541.360

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-13 Acquired: 06/29/2024 7:08:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042834	-.019502	1.620657	-.073663	.0304698	135.3658
Stddev	.005375	.002532	.006083	.007518	.0042243	.3540
%RSD	.5154129	12.98483	.3753141	10.20601	13.86379	.2614858
#1	1.036794	-.019567	1.627481	-.079885	.0279787	135.6638
#2	1.047090	-.022000	1.618683	-.065310	.0280835	135.4590
#3	1.044619	-.016937	1.615806	-.075796	.0353472	134.9745

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.134440	.0072856	.0289012	246.5351	.1976839	.1754998
Stddev	.003781	.0001725	.0002914	.3765	.0015137	.0007168
%RSD	.1771426	2.367759	1.008255	.1527241	.7657335	.4084489
#1	2.138775	.0072633	.0292295	246.9335	.1992097	.1762467
#2	2.131828	.0074682	.0286731	246.4866	.1976594	.1748174
#3	2.132716	.0071254	.0288010	246.1852	.1961826	.1754352

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7199340	344.8674	6.814265	55.39973	.2886549	.0000003
Stddev	.0051772	.4382	.012901	.17646	.0010896	.0004868
%RSD	.7191232	.1270764	.1893257	.3185261	.3774853	140050.4
#1	.7159484	345.1349	6.827466	55.55159	.2899130	.0005413
#2	.7257855	345.1055	6.813645	55.44146	.2880387	-.000403
#3	.7180680	344.3616	6.801686	55.20615	.2880130	-.000138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.059028	.5162150	3.713058	35.61995	F 15.21045	.1643193
Stddev	.210559	.0020518	.024775	.04910	.04063	.0011549
%RSD	10.22613	.3974695	.6672517	.1378320	.2671400	.7028287
#1	2.300875	.5162992	3.691904	35.62384	15.25731	.1632405
#2	1.959717	.5182234	3.740314	35.66699	15.18504	.1641797
#3	1.916490	.5141224	3.706954	35.56903	15.18899	.1655376

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-13 Acquired: 06/29/2024 7:08:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020771	10.98723	1.051714	-.002003	2.959292	.2082071
Stddev	.0003860	.02743	.012755	.001314	.006386	.0019810
%RSD	18.58245	.2496360	1.212784	65.57110	.2157848	.9514459
#1	.0016334	11.00683	1.063604	-.002718	2.955829	.2089054
#2	.0022631	10.95589	1.038242	-.002804	2.966661	.2097442
#3	.0023350	10.99899	1.053298	-.000487	2.955386	.2059715

Elem	Sr4077
Units	ppm
Avg	1.271260
Stddev	.003044
%RSD	.2394586
#1	1.271762
#2	1.274022
#3	1.267996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2044.840	33959.35	4738.140	1123.794	2552.517
Stddev	3.578	38.33	18.129	3.023	7.398
%RSD	.1749658	.1128569	.3826104	.2689880	.2898426
#1	2040.877	33965.32	4718.054	1127.187	2543.975
#2	2047.833	33918.39	4753.289	1121.387	2556.719
#3	2045.811	33994.34	4743.077	1122.807	2556.857

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-14 Acquired: 06/29/2024 7:12:43 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4F1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307564	-.022829	1.325414	-.070126	.0315022	108.2892	1.041987
Stddev	.006947	.003091	.006931	.001571	.0015970	.2060	.001024
%RSD	.5312831	13.53913	.5229012	2.240381	5.069615	.1902572	.0982287
#1	1.301948	-.020389	1.319094	-.068563	.0329249	108.1092	1.043060
#2	1.315332	-.021792	1.324322	-.071705	.0318070	108.5139	1.041878
#3	1.305412	-.026304	1.332826	-.070111	.0297748	108.2445	1.041022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044463	.0228106	111.7177	.1769683	.1572731	.4305310	334.0933
Stddev	.0002022	.0002885	.0738	.0006013	.0011735	.0030520	.0923
%RSD	4.548425	1.264995	.0660607	.3398036	.7461327	.7088902	.0276412
#1	.0043349	.0224908	111.7896	.1763398	.1559502	.4270175	334.0108
#2	.0046797	.0230514	111.7212	.1770270	.1576804	.4320505	334.0761
#3	.0043243	.0228897	111.6421	.1775382	.1581886	.4325249	334.1931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.473933	49.75767	.1807969	-.001966	2.056399	.5731954	3.774211
Stddev	.007265	.08246	.0016586	.000422	.221353	.0015004	.025220
%RSD	.1122188	.1657304	.9173997	21.46450	10.76409	.2617652	.6682148
#1	6.478953	49.78239	.1794065	-.002283	1.803141	.5725715	3.756326
#2	6.465603	49.66567	.1803513	-.002127	2.212901	.5721076	3.763251
#3	6.477244	49.82495	.1826328	-.001487	2.153156	.5749071	3.803057

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.79087	8.898040	.1432931	.0010015	8.509477	.9528090	-.010507
Stddev	.07406	.061701	.0011641	.0001900	.074634	.0074107	.001025
%RSD	.3742089	.6934174	.8123810	18.97433	.8770689	.7777747	9.753861
#1	19.74033	8.829706	.1420772	.0012180	8.423302	.9613270	-.009326
#2	19.87588	8.949664	.1434048	.0008624	8.553374	.9492576	-.011163
#3	19.75639	8.914751	.1443973	.0009240	8.551754	.9478423	-.011033

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-14 Acquired: 06/29/2024 7:12:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.173926	.1669165	.2603001
Stddev	.009805	.0019899	.0011451
%RSD	.3089292	1.192170	.4399310
#1	3.164007	.1686939	.2593127
#2	3.183613	.1647667	.2615554
#3	3.174158	.1672890	.2600321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.836	33503.03	4705.783	1110.541	2648.233
Stddev	12.767	139.01	12.259	3.963	16.249
%RSD	.6289854	.4149297	.2605043	.3568370	.6135609
#1	2044.575	33390.32	4696.603	1109.546	2666.981
#2	2022.199	33658.36	4701.042	1114.907	2638.231
#3	2022.734	33460.39	4719.704	1107.171	2639.485

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-15 Acquired: 06/29/2024 7:17:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498515	-.026143	1.583341	-.080424	.0364217	130.5665
Stddev	.001121	.003950	.005498	.002431	.0033548	1.6121
%RSD	.0747774	15.10989	.3472139	3.022829	9.211011	1.234691
#1	1.497832	-.022809	1.587665	-.077702	.0354494	130.4540
#2	1.499808	-.030506	1.577154	-.082380	.0401553	129.0136
#3	1.497905	-.025114	1.585203	-.081189	.0336605	132.2319

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.215501	.0053191	.0283490	114.0025	.2001195	.1929161
Stddev	.014593	.0001452	.0003291	1.3209	.0008436	.0003656
%RSD	1.200582	2.730591	1.160703	1.158666	.4215575	.1895024
#1	1.213355	.0053854	.0285604	113.8877	.2001037	.1928778
#2	1.202100	.0051525	.0285168	112.7427	.1992839	.1932994
#3	1.231048	.0054193	.0279699	115.3770	.2009710	.1925713

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5017231	410.2796	7.130482	59.01559	.2113925	-.001690
Stddev	.0095441	4.8643	.080532	.81226	.0008602	.001028
%RSD	1.902255	1.185602	1.129403	1.376344	.4069405	60.82690
#1	.5038685	409.4392	7.117118	58.67699	.2115744	-.001677
#2	.4912889	405.8902	7.057467	58.42742	.2104558	-.002724
#3	.5100118	415.5093	7.216859	59.94237	.2121472	-.000668

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.096094	.7320789	4.189646	23.30073	F 10.73307	.1689982
Stddev	.119557	.0124675	.039452	.33435	.01618	.0029438
%RSD	5.703791	1.703021	.9416575	1.434929	.1507469	1.741890
#1	2.178170	.7279916	4.145622	23.20460	10.75018	.1721681
#2	1.958924	.7221682	4.201515	23.02497	10.71801	.1663504
#3	2.151189	.7460770	4.221801	23.67261	10.73101	.1684761

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-15 Acquired: 06/29/2024 7:17:02 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4F2 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003593	9.715555	1.018380	-.009344	3.488371	.1969792
Stddev	.0010207	.011435	.015067	.001895	.046369	.0023598
%RSD	284.0901	.1176963	1.479523	20.27915	1.329236	1.197983
#1	-.000510	9.707246	1.005536	-.011068	3.482433	.1959428
#2	.000104	9.728596	1.014638	-.009650	3.445258	.1953151
#3	.001483	9.710823	1.034965	-.007315	3.537423	.1996799

Elem	Sr4077
Units	ppm
Avg	.2771709
Stddev	.0034470
%RSD	1.243622
#1	.2775309
#2	.2735581
#3	.2804238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.348	34078.23	4806.320	1126.265	2586.111
Stddev	2.217	312.69	56.863	11.626	4.285
%RSD	.1086015	.9175610	1.183078	1.032237	.1656853
#1	2039.807	34418.75	4820.931	1135.314	2584.857
#2	2043.888	34011.93	4854.451	1130.329	2590.883
#3	2040.347	33804.01	4743.578	1113.153	2582.593

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-16 Acquired: 06/29/2024 7:21:20 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4F3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2837590	-.019631	.5822890	-.067204	.0195417	127.2405
Stddev	.0058102	.002621	.0004706	.007359	.0007939	4.2852
%RSD	2.047578	13.35316	.0808218	10.95071	4.062823	3.367800
#1	.2826024	-.022583	.5828123	-.072524	.0198790	122.6886
#2	.2786141	-.018735	.5819005	-.058805	.0201113	131.1966
#3	.2900605	-.017576	.5821541	-.070282	.0186348	127.8362

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.332404	.0065226	.0179388	175.9879	.2924127	.1862807
Stddev	.079074	.0001428	.0002828	5.8517	.0013307	.0008478
%RSD	3.390216	2.188672	1.576334	3.325031	.4550662	.4551367
#1	2.248319	.0063622	.0182586	169.7445	.2938487	.1853514
#2	2.405267	.0066359	.0177220	181.3472	.2921681	.1864788
#3	2.343626	.0065696	.0178358	176.8718	.2912213	.1870120

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7059702	301.0683	7.143708	60.93688	.4340374	-.004020
Stddev	.0221354	9.7114	.232978	2.02863	.0027264	.001260
%RSD	3.135463	3.225660	3.261300	3.329073	.6281406	31.35261
#1	.6832883	290.7853	6.895235	58.77582	.4312154	-.005235
#2	.7275154	310.0837	7.357244	62.80017	.4366568	-.002719
#3	.7071069	302.3360	7.178644	61.23465	.4342401	-.004106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.768998	.4311069	1.474859	25.59975	F 19.34561	.1233302
Stddev	.174128	.0099310	.023251	.85661	.05398	.0043929
%RSD	9.843290	2.303609	1.576473	3.346167	.2790345	3.561859
#1	1.968557	.4197319	1.453595	24.73979	19.28566	.1184169
#2	1.690487	.4380523	1.471297	26.45298	19.36080	.1268786
#3	1.647948	.4355366	1.499685	25.60648	19.39037	.1246950

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-16 Acquired: 06/29/2024 7:21:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000473	2.306390	.9888376	.0146932	2.704186	.2145191
Stddev	.000381	.016973	.0281325	.0003515	.098956	.0090679
%RSD	80.46636	.7359086	2.845006	2.392445	3.659376	4.227067
#1	-.000838	2.287302	.9610349	.0146963	2.598566	.2058843
#2	-.000079	2.312083	1.017289	.0150432	2.794753	.2239654
#3	-.000502	2.319784	.988189	.0143402	2.719240	.2137075

Elem	Sr4077
Units	ppm
Avg	1.274726
Stddev	.042255
%RSD	3.314818
#1	1.232596
#2	1.317104
#3	1.274477

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.572	34904.37	4937.522	1152.466	2545.165
Stddev	1.279	155.74	129.884	5.348	6.795
%RSD	.0612609	.4461877	2.630554	.4640651	.2669761
#1	2087.116	34902.67	5071.504	1154.937	2549.574
#2	2089.079	35060.96	4812.166	1156.132	2537.340
#3	2089.519	34749.50	4928.896	1146.329	2548.582

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-17 Acquired: 06/29/2024 7:25:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.545434	-.021747	2.440615	-.068264	.0313078	163.2982
Stddev	.033927	.005487	.048265	.008955	.0022707	3.4361
%RSD	2.195286	25.23159	1.977565	13.11869	7.252919	2.104165
#1	1.507361	-.016078	2.385309	-.070371	.0337727	164.9097
#2	1.572460	-.027032	2.474218	-.058443	.0293012	165.6324
#3	1.556481	-.022131	2.462317	-.075977	.0308496	159.3526

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.097568	.0073694	.0339790	130.1398	.2435227	.1825273
Stddev	.039665	.0001240	.0007708	2.5034	.0018450	.0036111
%RSD	1.891021	1.683078	2.268550	1.923604	.7576373	1.978368
#1	2.118757	.0072746	.0330968	131.4845	.2456181	.1784011
#2	2.122139	.0073238	.0343183	131.6835	.2428082	.1851105
#3	2.051808	.0075098	.0345220	127.2515	.2421418	.1840703

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8807682	359.4866	7.611635	66.41491	.3267888	.0037620
Stddev	.0223893	7.3200	.146081	1.33455	.0061457	.0014365
%RSD	2.542025	2.036247	1.919181	2.009418	1.880646	38.18440
#1	.8937663	363.1957	7.680486	67.00610	.3197079	.0043917
#2	.8936229	364.2096	7.710567	67.35175	.3307371	.0047761
#3	.8549153	351.0544	7.443851	64.88687	.3299213	.0021182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.109812	.5501266	4.738334	43.10505	F 15.38065	.1709365
Stddev	.119767	.0091348	.071365	.72377	.25636	.0044012
%RSD	5.676678	1.660497	1.506131	1.679092	1.666758	2.574775
#1	2.010261	.5516742	4.769218	43.34932	15.08789	.1748310
#2	2.076454	.5583887	4.789056	43.67509	15.56497	.1718168
#3	2.242722	.5403168	4.656728	42.29075	15.48909	.1661616

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2828-17 Acquired: 06/29/2024 7:25:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008291	14.11217	.9409114	.0015222	2.727255	.2530753
Stddev	.0002882	.27960	.0090900	.0017492	.056197	.0060463
%RSD	34.75700	1.981301	.9660807	114.9128	2.060570	2.389135
#1	.0009165	13.79404	.9397804	.0006787	2.750941	.2560309
#2	.0010635	14.31893	.9505139	.0035333	2.767732	.2570752
#3	.0005074	14.22353	.9324398	.0003546	2.663093	.2461197

Elem	Sr4077
Units	ppm
Avg	.8574955
Stddev	.0166758
%RSD	1.944708
#1	.8644929
#2	.8695326
#3	.8384611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.030	35470.74	4982.270	1173.731	2587.358
Stddev	28.033	147.49	65.959	7.949	41.757
%RSD	1.316097	.4157968	1.323871	.6772078	1.613878
#1	2162.345	35363.80	4935.024	1168.171	2635.116
#2	2112.247	35409.44	4954.158	1170.186	2557.732
#3	2115.497	35639.00	5057.627	1182.835	2569.226

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-18 Acquired: 06/29/2024 7:29:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3501891	-.021164	.5353487	-.083245	.0178907	136.9440
Stddev	.0074909	.002526	.0023923	.003321	.0012215	.2948
%RSD	2.139092	11.93664	.4468704	3.989441	6.827531	.2152644
#1	.3555497	-.023179	.5380546	-.080546	.0175877	136.6091
#2	.3416299	-.021983	.5335145	-.082236	.0192352	137.1642
#3	.3533876	-.018330	.5344768	-.086954	.0168492	137.0588

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.120178	.0079545	.0174236	102.6391	.2201788	.1700779
Stddev	.001892	.0001877	.0002288	.0290	.0011141	.0015984
%RSD	.0606283	2.359847	1.313310	.0282327	.5060196	.9398002
#1	3.118613	.0077505	.0174901	102.6724	.2192287	.1716036
#2	3.122280	.0079928	.0176117	102.6197	.2199027	.1702145
#3	3.119641	.0081200	.0171688	102.6252	.2214050	.1684156

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6520092	338.1397	7.173981	54.77427	.3216979	-.005402
Stddev	.0055269	.8509	.014219	.10170	.0005068	.000082
%RSD	.8476771	.2516499	.1981962	.1856620	.1575343	1.521412
#1	.6456488	337.1969	7.157693	54.65806	.3222682	-.005332
#2	.6547357	338.3712	7.180332	54.84697	.3212992	-.005382
#3	.6556431	338.8508	7.183916	54.81778	.3215263	-.005493

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.000635	.5437216	1.578460	38.16854	F 21.85115	.1509618
Stddev	.057107	.0037031	.009053	.12090	.07989	.0049260
%RSD	2.854440	.6810735	.5735267	.3167629	.3656136	3.263080
#1	1.948255	.5412556	1.581472	38.05501	21.94123	.1458794
#2	2.061516	.5419293	1.585623	38.29567	21.82336	.1512909
#3	1.992134	.5479799	1.568285	38.15493	21.78888	.1557149

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-18 Acquired: 06/29/2024 7:29:59 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4F5 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000004	3.031497	1.130490	.0105559	3.500336	.2249280
Stddev	.000676	.016563	.005226	.0006571	.014795	.0021454
%RSD	15688.28	.5463756	.4622689	6.224977	.4226665	.9538152
#1	-.000785	3.019702	1.135989	.0108756	3.483617	.2248428
#2	.000389	3.024357	1.129892	.0098001	3.505655	.2271148
#3	.000383	3.050433	1.125589	.0109919	3.511736	.2228266

Elem	Sr4077
Units	ppm
Avg	.9626470
Stddev	.0014285
%RSD	.1483884
#1	.9615117
#2	.9642509
#3	.9621782

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2127.532	35199.96	4888.248	1168.248	2598.220
Stddev	1.987	11.37	18.417	7.964	5.509
%RSD	.0934047	.0323069	.3767563	.6817372	.2120381
#1	2128.090	35204.85	4872.318	1162.490	2593.115
#2	2125.325	35186.96	4884.013	1164.917	2597.485
#3	2129.180	35208.07	4908.413	1177.337	2604.059

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-19 Acquired: 06/29/2024 7:34:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2510364	-.017912	.3732684	-.064831	.0175134	112.4654
Stddev	.0082105	.001736	.0030593	.001231	.0025459	.5063
%RSD	3.270650	9.693161	.8196080	1.899278	14.53711	.4501464
#1	.2539175	-.017400	.3736766	-.065695	.0149833	112.8848
#2	.2417736	-.019847	.3700255	-.063421	.0200749	111.9030
#3	.2574180	-.016489	.3761031	-.065377	.0174821	112.6083

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.263414	.0060673	.0135795	53.00469	.1989546	.1390636
Stddev	.001979	.0001863	.0001835	.16581	.0007786	.0012492
%RSD	.1566227	3.069989	1.351219	.3128190	.3913329	.8983250
#1	1.262932	.0060750	.0134900	53.16952	.1985642	.1399901
#2	1.261721	.0062496	.0134580	52.83792	.1998511	.1376429
#3	1.265589	.0058773	.0137906	53.00662	.1984483	.1395579

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5579031	295.7768	5.551971	45.71261	.2317868	-.004864
Stddev	.0042793	1.1968	.025683	.34238	.0018340	.000110
%RSD	.7670397	.4046386	.4625985	.7489925	.7912525	2.260340
#1	.5626899	296.9329	5.576002	46.10513	.2328873	-.004788
#2	.5565716	294.5430	5.524905	45.47548	.2296697	-.004990
#3	.5544478	295.8547	5.555006	45.55722	.2328036	-.004815

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537917	.4549145	1.333678	31.16937	F 11.69800	.1370532
Stddev	.158510	.0011388	.011417	.10670	.06225	.0015644
%RSD	10.30680	.2503381	.8560622	.3423162	.5321375	1.141456
#1	1.709276	.4562172	1.342019	31.22627	11.71794	.1379001
#2	1.507937	.4544185	1.338349	31.04628	11.62823	.1352480
#3	1.396537	.4541077	1.320666	31.23556	11.74784	.1380116

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-19 Acquired: 06/29/2024 7:34:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4F6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008558	2.643462	1.155671	-.003457	2.942228	.1886400
Stddev	.0006000	.021058	.011868	.002711	.016304	.0006513
%RSD	70.10950	.7966121	1.026973	78.42558	.5541225	.3452789
#1	.0015308	2.666898	1.154537	-.001840	2.958977	.1893858
#2	.0006537	2.626130	1.144411	-.001944	2.926410	.1883510
#3	.0003830	2.637358	1.168066	-.006586	2.941298	.1881832

Elem	Sr4077
Units	ppm
Avg	.3899783
Stddev	.0021254
%RSD	.5449975
#1	.3918968
#2	.3876936
#3	.3903446

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.552	34382.28	4734.984	1140.862	2694.451
Stddev	12.445	144.22	24.293	5.738	16.726
%RSD	.6016371	.4194677	.5130627	.5029228	.6207424
#1	2060.119	34417.95	4717.874	1138.738	2686.258
#2	2082.846	34223.57	4762.790	1136.488	2713.694
#3	2062.692	34505.31	4724.287	1147.358	2683.401

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2820-19DL2X2 Acquired: 06/29/2024 7:38:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.832337	-.023897	.0523151	-.105628	.0547303	126.3117	.9305113
Stddev	.013274	.000537	.0027999	.004210	.0026588	2.7621	.0216261
%RSD	.7244228	2.249232	5.352008	3.985685	4.858015	2.186723	2.324113
#1	1.823073	-.023736	.0507756	-.102577	.0564675	128.4115	.9434940
#2	1.826395	-.023457	.0555470	-.103875	.0516694	127.3408	.9424938
#3	1.847544	-.024496	.0506228	-.110431	.0560538	123.1828	.9055463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032738	.0123221	260.2261	1.814490	.2873605	.6276413	445.6831
Stddev	.0001351	.0008116	5.5113	.009677	.0028818	.0162476	9.6106
%RSD	4.126419	6.586174	2.117902	.5333054	1.002850	2.588679	2.156365
#1	.0032377	.0117312	264.0418	1.825413	.2854486	.6399543	453.3620
#2	.0034233	.0119877	262.7291	1.806990	.2859579	.6337436	448.7819
#3	.0031604	.0132474	253.9075	1.811067	.2906751	.6092260	434.9055

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.54046	108.3052	1.145017	-.010147	1.579917	.9163249	.4704243
Stddev	.39876	2.1187	.007885	.000811	.141340	.0232691	.0079150
%RSD	2.150767	1.956258	.6886693	7.993669	8.946030	2.539396	1.682516
#1	18.84547	109.8566	1.141158	-.009304	1.636147	.9330234	.4739317
#2	18.68667	109.1677	1.139805	-.010215	1.684489	.9262054	.4613617
#3	18.08922	105.8912	1.154089	-.010922	1.419116	.8897460	.4759796

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.503247	4.824933	.1653590	.0062285	.1552320	1.855725	-.003694
Stddev	.078719	.027445	.0035132	.0005795	.0029913	.034750	.000754
%RSD	3.144694	.5688201	2.124573	9.303298	1.927019	1.872591	20.42114
#1	2.586687	4.826526	.1693415	.0068963	.1578414	1.880358	-.003166
#2	2.492753	4.796726	.1626992	.0059304	.1558872	1.870840	-.003358
#3	2.430301	4.851547	.1640363	.0058588	.1519673	1.815977	-.004558

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2820-19DL2X2 Acquired: 06/29/2024 7:38:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.067493	.3088743	.4493557
Stddev	.020518	.0066410	.0098461
%RSD	1.922046	2.150067	2.191167
#1	1.079832	.3095004	.4575061
#2	1.078838	.3151801	.4521453
#3	1.043808	.3019424	.4384158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.914	30215.12	4371.402	987.4266	2376.265
Stddev	13.299	161.79	76.196	4.3856	17.330
%RSD	.7409388	.5354716	1.743063	.4441470	.7293163
#1	1800.483	30029.29	4314.755	982.6923	2387.993
#2	1804.523	30291.37	4341.423	991.3506	2384.444
#3	1779.735	30324.69	4458.028	988.2368	2356.359

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-01 Acquired: 06/29/2024 7:43:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5385307	-.024434	.2929139	-.094087	.0202849	152.1559	2.357649
Stddev	.0067524	.002828	.0025817	.006319	.0021200	.2989	.007943
%RSD	1.253855	11.57476	.8813921	6.715949	10.45105	.1964323	.3368848
#1	.5307863	-.022089	.2929662	-.092141	.0201317	152.4943	2.366690
#2	.5416194	-.023639	.2954691	-.088971	.0182457	151.9280	2.354465
#3	.5431862	-.027575	.2903064	-.101150	.0224773	152.0453	2.351792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044662	.0170865	29.37194	.3155460	.2279996	1.036294	439.0950
Stddev	.0000189	.0001533	.10062	.0008961	.0008981	.005656	.7339
%RSD	.4241193	.8971599	.3425629	.2839818	.3939003	.5458276	.1671435
#1	.0044761	.0170906	29.48328	.3160921	.2271536	1.042658	439.9418
#2	.0044443	.0172378	29.34500	.3145118	.2279031	1.034383	438.6427
#3	.0044781	.0169313	29.28753	.3160340	.2289420	1.031840	438.7005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.30609	98.29387	.4740852	-.006105	1.627223	.9164718	1.141865
Stddev	.03214	.10495	.0013105	.000896	.183132	.0048441	.023350
%RSD	.1755711	.1067739	.2764209	14.68174	11.25429	.5285552	2.044926
#1	18.34308	98.33727	.4755984	-.007140	1.821963	.9217758	1.168760
#2	18.29026	98.37016	.4733215	-.005573	1.601230	.9153580	1.130070
#3	18.28494	98.17418	.4733357	-.005602	1.458476	.9122817	1.126765

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.59697	5.546833	.1681546	-.001927	.5908395	.7976204	.0015227
Stddev	.02872	.002604	.0030153	.000207	.0093008	.0017385	.0012981
%RSD	.1217016	.0469395	1.793156	10.74654	1.574175	.2179585	85.24577
#1	23.60534	5.549327	.1693012	-.002167	.5801584	.7974604	.0028175
#2	23.56500	5.547042	.1704283	-.001803	.5971503	.7959675	.0002214
#3	23.62058	5.544132	.1647342	-.001813	.5952099	.7994334	.0015292

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-01 Acquired: 06/29/2024 7:43:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.293451	.3412575	.3467082
Stddev	.001974	.0016002	.0007517
%RSD	.1525937	.4689257	.2168202
#1	1.294960	.3400631	.3467852
#2	1.291217	.3430757	.3459209
#3	1.294176	.3406336	.3474185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.174	32553.91	4574.746	1070.056	2591.807
Stddev	.726	158.85	8.078	10.716	3.117
%RSD	.0369917	.4879480	.1765705	1.001451	.1202463
#1	1964.009	32419.80	4579.493	1057.685	2591.773
#2	1962.829	32729.33	4579.325	1076.021	2588.707
#3	1962.685	32512.61	4565.419	1076.462	2594.940

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-02 Acquired: 06/29/2024 7:47:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9299522	-.043048	.4048369	-.157255	.0378742	184.2551
Stddev	.0130723	.005487	.0058670	.004209	.0037450	1.1894
%RSD	1.405692	12.74581	1.449229	2.676667	9.888035	.6455218
#1	.9278534	-.041845	.4038772	-.156584	.0418868	185.6057
#2	.9439469	-.049036	.4111246	-.153422	.0372640	183.3642
#3	.9180564	-.038262	.3995089	-.161760	.0344717	183.7952

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.517061	.0063581	.0257699	41.55371	.4571532	.3247980
Stddev	.005914	.0001449	.0009094	.14568	.0136510	.0046305
%RSD	.2349750	2.279664	3.528766	.3505798	2.986094	1.425660
#1	2.522753	.0064580	.0253188	41.69372	.4710107	.3225373
#2	2.517482	.0064245	.0268166	41.56445	.4567303	.3301246
#3	2.510947	.0061919	.0251743	41.40296	.4437185	.3217320

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.248724	661.3795	17.32900	109.2290	.5483821	-.011985
Stddev	.003750	3.4936	.06918	.5707	.0099697	.002084
%RSD	.3002850	.5282299	.3992180	.5224747	1.818014	17.38971
#1	1.252034	665.3981	17.40659	109.8245	.5425043	-.013840
#2	1.244652	659.0651	17.30670	108.6869	.5598932	-.012384
#3	1.249486	659.6753	17.27373	109.1755	.5427489	-.009730

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.434969	1.277808	1.354767	40.54942	F 11.76036	.2667641
Stddev	.244999	.012271	.038607	.19958	.19758	.0054688
%RSD	10.06169	.9603097	2.849695	.4921865	1.680081	2.050040
#1	2.470470	1.288616	1.396276	40.72550	11.64198	.2686595
#2	2.174157	1.264469	1.348094	40.33262	11.98846	.2605998
#3	2.660281	1.280340	1.319932	40.59013	11.65065	.2710330

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2829-02 Acquired: 06/29/2024 7:47:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021714	1.163076	1.079272	.0001259	1.762981	.3924817
Stddev	.0008434	.017422	.009630	.0014784	.013852	.0031114
%RSD	38.84357	1.497940	.8922297	1173.920	.7857019	.7927381
#1	.0028892	1.142959	1.069177	.0000512	1.778470	.3916188
#2	.0023825	1.173084	1.088356	-.001314	1.751781	.3959335
#3	.0012424	1.173186	1.080284	.001640	1.758690	.3898929

Elem	Sr4077
Units	ppm
Avg	.3172010
Stddev	.0017438
%RSD	.5497498
#1	.3191553
#2	.3158038
#3	.3166438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.442	34260.11	4756.533	1125.856	2503.362
Stddev	25.086	1222.87	19.655	45.196	35.015
%RSD	1.241012	3.569361	.4132164	4.014406	1.398724
#1	2031.807	33128.38	4751.196	1085.679	2521.399
#2	1992.834	34094.69	4740.097	1117.097	2463.006
#3	2039.685	35557.27	4778.304	1174.790	2525.682

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-03 Acquired: 06/29/2024 7:51:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7572142	-.032802	.3661044	-.132635	.0320562	173.5594	2.615206
Stddev	.0063795	.004108	.0043328	.002303	.0025776	1.1603	.008541
%RSD	.8424949	12.52276	1.183486	1.736034	8.040838	.6685413	.3265721
#1	.7500993	-.029589	.3692588	-.134728	.0303101	173.8583	2.620164
#2	.7591187	-.037430	.3611641	-.130168	.0350167	172.2788	2.605345
#3	.7624245	-.031387	.3678903	-.133008	.0308419	174.5410	2.620111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056504	.0210677	36.45272	.4026319	.2837705	1.180388	579.3006
Stddev	.0000175	.0001517	.17205	.0012140	.0006675	.006293	3.4732
%RSD	.3099402	.7200576	.4719908	.3015192	.2352279	.5331337	.5995564
#1	.0056312	.0209012	36.57698	.4039341	.2830314	1.183314	580.2314
#2	.0056546	.0211981	36.25634	.4024305	.2843295	1.173164	575.4567
#3	.0056655	.0211039	36.52483	.4015312	.2839506	1.184685	582.2135

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.80121	105.8089	.5113602	-.011102	2.090945	1.151083	1.066161
Stddev	.08143	.6037	.0008500	.000299	.147265	.010791	.011552
%RSD	.4574642	.5705730	.1662284	2.694992	7.043010	.9374968	1.083523
#1	17.82091	105.9703	.5104326	-.011360	2.064484	1.139884	1.056844
#2	17.71173	105.1409	.5115461	-.011172	2.249647	1.151949	1.062553
#3	17.87098	106.3155	.5121018	-.010774	1.958704	1.161415	1.079087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	34.63143	9.257581	.2402165	.0004566	.8612717	1.644952	.0016082
Stddev	.35276	.025465	.0031201	.0003706	.0100081	.018055	.0025166
%RSD	1.018625	.2750709	1.298860	81.17378	1.162010	1.097615	156.4866
#1	34.67996	9.244524	.2377723	.0004017	.8727849	1.665204	.0040682
#2	34.25691	9.241293	.2391463	.0001165	.8546519	1.630539	-.000961
#3	34.95742	9.286926	.2437308	.0008516	.8563782	1.639112	.001718

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-03 Acquired: 06/29/2024 7:51:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.638883	.3715518	.3370808
Stddev	.017822	.0001730	.0032298
%RSD	1.087420	.0465545	.9581726
#1	1.643062	.3715431	.3375040
#2	1.619344	.3717289	.3336602
#3	1.654244	.3713833	.3400781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.130	33717.00	4648.044	1107.676	2565.306
Stddev	3.122	152.81	23.298	9.775	1.941
%RSD	.1549272	.4532126	.5012502	.8824787	.0756782
#1	2012.806	33843.34	4640.240	1113.445	2564.351
#2	2013.905	33760.51	4674.242	1113.194	2564.026
#3	2018.678	33547.16	4629.649	1096.390	2567.540

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-04 Acquired: 06/29/2024 7:56:03 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5T5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5622616	-.034260	.2661052	-.108898	.0285643	191.4282	2.433232
Stddev	.0111279	.004032	.0031427	.004918	.0004806	4.2095	.050849
%RSD	1.979138	11.76892	1.181014	4.516086	1.682640	2.198974	2.089755
#1	.5498312	-.029611	.2672747	-.106770	.0291014	191.6156	2.433763
#2	.5656579	-.036375	.2684955	-.105402	.0281747	187.1282	2.382120
#3	.5712956	-.036794	.2625453	-.114521	.0284168	195.5408	2.483813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064360	.0184540	47.03300	.3944166	.2580110	.9180509	498.8122
Stddev	.0000430	.0001321	.91977	.0008956	.0003705	.0224887	10.2378
%RSD	.6674355	.7157106	1.955588	.2270743	.1436099	2.449612	2.052444
#1	.0064308	.0185842	47.00192	.3935700	.2580528	.9244456	498.8688
#2	.0063958	.0184576	46.12915	.3943255	.2576213	.8930574	488.5461
#3	.0064812	.0183201	47.96791	.3953542	.2583588	.9366497	509.0216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.61162	102.4958	.4662691	-.008654	2.037530	1.100119	1.622709
Stddev	.20761	1.9740	.0025362	.000780	.277041	.021101	.020470
%RSD	1.956429	1.925974	.5439283	9.009593	13.59688	1.918056	1.261474
#1	10.62125	102.2166	.4668255	-.008561	1.913111	1.098233	1.637596
#2	10.39937	100.6763	.4635010	-.009476	1.844512	1.080025	1.631166
#3	10.81425	104.5946	.4684809	-.007925	2.354968	1.122100	1.599366

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.34728	7.573998	.2124836	-.001188	1.914312	1.044975	.0012907
Stddev	.60468	.018839	.0039262	.000991	.010488	.028439	.0037960
%RSD	2.211122	.2487328	1.847774	83.39264	.5478691	2.721494	294.0953
#1	27.40560	7.559837	.2132600	-.000638	1.924900	1.032008	-.002192
#2	26.71555	7.566777	.2082272	-.002333	1.903927	1.025331	.000727
#3	27.92069	7.595379	.2159637	-.000595	1.914110	1.077587	.005337

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-04 Acquired: 06/29/2024 7:56:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.375003	.3763483	.3783243
Stddev	.028370	.0088171	.0085298
%RSD	2.063275	2.342794	2.254630
#1	1.375948	.3752077	.3785777
#2	1.346173	.3681570	.3696707
#3	1.402889	.3856802	.3867247

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.897	34070.12	4712.963	1126.174	2564.343
Stddev	5.592	226.46	83.184	7.567	3.604
%RSD	.2730453	.6646975	1.765004	.6719098	.1405528
#1	2054.354	33904.61	4719.190	1122.586	2567.062
#2	2044.651	33977.53	4792.859	1121.068	2565.712
#3	2044.686	34328.20	4626.841	1134.867	2560.254

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV090 Acquired: 06/29/2024 8:00:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.048366	4.886293	24.88753	4.782315	4.917167	404.4756	9.987831
Stddev	.030745	.014443	.06023	.016910	.009906	.8365	.014194
%RSD	.6089996	.2955770	.2420045	.3535976	.2014640	.2068137	.1421154
#1	5.032698	4.881388	24.84287	4.778133	4.914008	405.2241	10.00420
#2	5.028612	4.874941	24.86370	4.767888	4.909225	403.5726	9.98041
#3	5.083789	4.902549	24.95603	4.800923	4.928267	404.6300	9.97888

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5068011	2.475790	397.6583	15.45144	2.509135	14.70838	391.2872
Stddev	.0016322	.006745	.2135	.00825	.008906	.04601	1.0615
%RSD	.3220560	.2724409	.0536938	.0534151	.3549560	.3127949	.2712736
#1	.5086743	2.469478	397.8992	15.45480	2.505267	14.76148	392.2907
#2	.5060446	2.474996	397.5830	15.44203	2.502817	14.68047	390.1760
#3	.5056845	2.482897	397.4926	15.45747	2.519322	14.68319	391.3948

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98914	386.5340	2.521694	1.304268	403.5754	2.524350	14.46830
Stddev	.02637	.3867	.006736	.001342	.2373	.005601	.05439
%RSD	.1759423	.1000463	.2671200	.1028892	.0587980	.2218735	.3759567
#1	15.01957	386.1442	2.519006	1.303846	403.5652	2.528107	14.52512
#2	14.97497	386.5402	2.516716	1.303188	403.3433	2.517913	14.41671
#3	14.97288	386.9176	2.529358	1.305770	403.8176	2.527030	14.46307

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.8227	5.024989	5.063548	4.868770	5.074327	5.071279	5.030742
Stddev	.2604	.024919	.015854	.012276	.028498	.012329	.005951
%RSD	.1714897	.4959074	.3130907	.2521312	.5616137	.2431165	.1183008
#1	152.1223	5.004973	5.080817	4.870192	5.048721	5.085514	5.025960
#2	151.6942	5.052899	5.060172	4.855844	5.069232	5.063991	5.028859
#3	151.6515	5.017096	5.049654	4.880272	5.105029	5.064333	5.037407

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV090 Acquired: 06/29/2024 8:00:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.805231	5.176970	4.927032
Stddev	.008461	.016273	.041037
%RSD	.1760781	.3143365	.8328999
#1	4.812488	5.174261	4.881107
#2	4.795938	5.194428	4.939885
#3	4.807268	5.162222	4.960104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.978	25756.11	3823.645	808.3754	2040.529
Stddev	3.720	33.44	13.003	1.9243	5.545
%RSD	.2525385	.1298520	.3400726	.2380404	.2717626
#1	1471.004	25741.65	3808.786	806.7978	2038.888
#2	1477.269	25794.35	3832.941	810.5192	2046.710
#3	1470.661	25732.33	3829.208	807.8091	2035.989

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB090 Acquired: 06/29/2024 8:04:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019568	.0004829	-.000822	-.005308	-.002709	.0335150
Stddev	.0048232	.0023551	.000868	.004145	.001079	.0065220
%RSD	246.4801	487.7269	105.6455	78.08756	39.83617	19.45999
#1	.0073202	.0017115	-.001342	-.005462	-.003438	.0348089
#2	-.002025	-.002233	-.001304	-.001088	-.003219	.0392931
#3	.000575	.001970	.000180	-.009374	-.001469	.0264430

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007050	.0000644	.0000972	.0324612	.0000331	.0002013
Stddev	.0004617	.0000412	.0000910	.0192385	.0000215	.0001088
%RSD	65.48432	63.89964	93.59431	59.26623	64.92983	54.05737
#1	.0003768	.0000595	.0000009	.0516767	.0000230	.0002963
#2	.0012329	.0001078	.0001816	.0325069	.0000185	.0000826
#3	.0005053	.0000259	.0001091	.0131998	.0000578	.0002249

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047824	.0438936	.0007937	-.024502	-.000067	.0003724
Stddev	.0039366	.0086192	.0003678	.070470	.000238	.0003188
%RSD	82.31310	19.63651	46.34236	287.6061	354.7856	85.58298
#1	.0089896	.0424266	.0004732	.056819	.000031	.0005408
#2	.0041694	.0361020	.0011954	-.067652	-.000338	.0000048
#3	.0011883	.0531520	.0007127	-.062674	.000106	.0005717

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1707593	.0030091	-.000473	.1554678	-.002908	.0106245
Stddev	.1516037	.0005687	.006489	.1156292	.001395	.0016739
%RSD	88.78211	18.89792	1372.861	74.37506	47.99103	15.75548
#1	.2001628	.0029007	.006560	.2733281	-.004251	.0124915
#2	.3055073	.0036242	-.006227	.0422070	-.001466	.0092575
#3	.0066077	.0025024	-.001751	.1508682	-.003005	.0101245

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB090 Acquired: 06/29/2024 8:04:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005178	.0011414	.0011477	.0010721	.0013696	F .0407357
Stddev	.0002522	.0056125	.0006891	.0006302	.0013062	.0016011
%RSD	48.70342	491.7306	60.04500	58.77942	95.37269	3.930451
#1	.0005975	.0074769	.0016914	.0013669	.0022493	.0391452
#2	.0002354	-.000845	.0003727	.0015008	.0019908	.0407148
#3	.0007206	-.003208	.0013789	.0003485	-.000131	.0423472

Elem	Sr4077
Units	ppm
Avg	.0001321
Stddev	.0000458
%RSD	34.63522
#1	.0001285
#2	.0001795
#3	.0000882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.744	30734.47	4075.037	1012.379	2874.190
Stddev	1.467	235.68	20.500	8.849	4.650
%RSD	.0797817	.7668371	.5030512	.8741035	.1617760
#1	1838.856	31000.09	4059.680	1022.574	2870.565
#2	1837.224	30652.98	4098.315	1006.688	2872.574
#3	1840.151	30550.36	4067.115	1007.874	2879.433

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161710BL Acquired: 06/29/2024 8:09:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS710 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017256	-.000572	-.001299	-.000319	-.000714	-.002555	.0000261
Stddev	.0019404	.002600	.000276	.002764	.002943	.007088	.0002147
%RSD	112.4480	454.3510	21.22890	865.6331	412.5213	277.4110	823.8834
#1	-.000506	-.000810	-.001098	-.002649	-.000681	-.004737	-.000203
#2	.002671	.002138	-.001184	-.001044	-.003673	.005367	.000222
#3	.003012	-.003045	-.001613	.002735	.002214	-.008295	.000059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000099	-.000081	.0053728	-.000676	-.000111	-.000385	.0007896
Stddev	.0000687	.000049	.0104562	.000408	.000100	.003308	.0081677
%RSD	691.7010	59.95852	194.6134	60.36331	89.30728	858.4630	1034.384
#1	-.000027	-.000078	-.003241	-.000257	-.000030	-.003206	.0100955
#2	.000089	-.000131	.017007	-.001073	-.000223	-.001205	-.002536
#3	-.000032	-.000034	.002352	-.000699	-.000081	.003255	-.005191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000012	-.007319	-.000106	-.000008	.1977512	.0028312	.0020392
Stddev	.000599	.027350	.000090	.000103	.2659508	.0005117	.0066910
%RSD	4847.849	373.7087	84.74638	1341.722	134.4876	18.07485	328.1229
#1	.000001	.009405	-.000174	-.000035	.0274049	.0027486	-.005203
#2	.000580	-.038881	-.000140	.000107	.5042079	.0033792	.003330
#3	-.000618	.007521	-.000004	-.000094	.0616408	.0023658	.007991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.045272	-.000396	.0039687	.0005593	.0046944	-.000318	.0001759
Stddev	.090244	.003724	.0012990	.0005300	.0070500	.000649	.0007137
%RSD	199.3380	939.9134	32.73177	94.75903	150.1776	204.1707	405.6825
#1	.058843	.001222	.0053871	.0008397	.0013399	.000415	-.000629
#2	-.093572	.002245	.0036821	-.000052	-.000052	-.000819	.000428
#3	-.101087	-.004656	.0028369	.000890	.012795	-.000550	.000730

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161710BL Acquired: 06/29/2024 8:09:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS710 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000869	.0350025	-.000023
Stddev	.000483	.0034875	.000050
%RSD	55.61284	9.963513	216.8427
#1	-.000854	.0368064	.000019
#2	-.000394	.0372185	-.000010
#3	-.001360	.0309825	-.000079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.471	30937.43	4079.207	1015.296	2886.369
Stddev	7.102	608.84	11.339	16.172	7.719
%RSD	.3856944	1.967986	.2779745	1.592870	.2674307
#1	1843.846	30807.84	4092.285	1011.137	2888.206
#2	1847.082	31600.64	4073.210	1033.142	2893.004
#3	1833.485	30403.82	4072.125	1001.610	2877.897

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161710BS Acquired: 06/29/2024 8:13:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS710 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186705	.0477965	.0186101	.0595981	.1069691	.3682420	.3801516
Stddev	.0020065	.0009727	.0016210	.0039538	.0026280	.0082598	.0010880
%RSD	10.74694	2.035013	8.710502	6.634146	2.456803	2.243031	.2862071
#1	.0194191	.0470628	.0173507	.0594893	.1048937	.3772267	.3804421
#2	.0201951	.0474269	.0180407	.0636052	.1099241	.3665212	.3789478
#3	.0163973	.0488998	.0204391	.0556998	.1060895	.3609782	.3810648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104893	.0096843	9.880785	.0206325	.0889260	.0504842	.1959067
Stddev	.0002144	.0000528	.041854	.0002043	.0003534	.0030962	.0121996
%RSD	2.043792	.5452476	.4235921	.9899551	.3974408	6.132981	6.227250
#1	.0105792	.0096750	9.866127	.0208142	.0885468	.0478534	.2035602
#2	.0102446	.0097412	9.848232	.0204114	.0889848	.0497029	.1818380
#3	.0106440	.0096369	9.927997	.0206719	.0892463	.0538961	.2023220

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298709	9.170610	.0749951	.0193936	9.903057	.1001173	.0871364
Stddev	.0006317	.040628	.0006425	.0001061	.412610	.0023801	.0100931
%RSD	2.114722	.4430269	.8567801	.5471740	4.166496	2.377289	11.58309
#1	.0291417	9.124173	.0745058	.0194256	9.461903	.0976222	.0844273
#2	.0302190	9.188047	.0757228	.0194800	10.27947	.1023626	.0983076
#3	.0302519	9.199609	.0747568	.0192751	9.96780	.1003672	.0786743

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.916155	.0177227	.0041295	.1062098	.1578293	.4864021	.0115333
Stddev	.066381	.0045639	.0016127	.0004343	.0092441	.0036284	.0006074
%RSD	.7445056	25.75171	39.05341	.4089381	5.857055	.7459716	5.266714
#1	8.840006	.0181618	.0035469	.1058386	.1571334	.4834820	.0110129
#2	8.946648	.0220512	.0028890	.1061033	.1674017	.4852602	.0122008
#3	8.961811	.0129552	.0059525	.1066874	.1489528	.4904641	.0113862

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161710BS Acquired: 06/29/2024 8:13:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS710 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1867226	.0925715	.1924424
Stddev	.0023664	.0034189	.0017179
%RSD	1.267337	3.693203	.8926762
#1	.1840243	.0899646	.1904844
#2	.1884447	.0964424	.1931463
#3	.1876989	.0913076	.1936965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.319	30142.09	4065.560	993.9121	2816.836
Stddev	1.180	182.73	38.990	5.4719	1.690
%RSD	.0645709	.6062384	.9590201	.5505426	.0599892
#1	1826.737	29985.23	4102.966	987.7590	2816.610
#2	1828.677	30098.30	4068.553	995.7451	2815.271
#3	1826.544	30342.74	4025.160	998.2321	2818.628

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161711BL Acquired: 06/29/2024 8:18:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS711 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010782	-.001713	-.001035	-.001956	-.000046	.0268321	-.000010
Stddev	.0040422	.000690	.000931	.002266	.000957	.0104999	.000426
%RSD	374.9096	40.25142	89.91993	115.8718	2098.481	39.13170	4161.709
#1	.0017561	-.000938	-.002079	-.004564	-.000988	.0239981	-.000023
#2	.0047385	-.002258	-.000736	-.000838	-.000075	.0384581	.000422
#3	-.003260	-.001943	-.000291	-.000466	.000926	.0180401	-.000430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000007	-.000091	.0099738	-.001111	.0000720	.0057040	-.005169
Stddev	.000113	.000084	.0117168	.000486	.0001875	.0020288	.007862
%RSD	1725.325	91.94334	117.4756	43.72707	260.5202	35.56700	152.0964
#1	-.000117	-.000005	.0212791	-.001512	-.000047	.0076317	-.003026
#2	-.000011	-.000096	.0107575	-.000571	.000288	.0035874	.001399
#3	.000109	-.000173	-.002115	-.001250	-.000026	.0058931	-.013880

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000104	-.008278	-.000198	-.000062	-.064485	.0029937	.0006051
Stddev	.000552	.037188	.000209	.000233	.282390	.0008924	.0041035
%RSD	533.3398	449.2544	105.5189	373.7200	437.9176	29.80920	678.1109
#1	-.000432	.009903	-.000186	.000079	.255754	.0040194	-.003788
#2	.000534	-.051059	.000004	.000065	-.277797	.0025666	.001265
#3	-.000413	.016322	-.000413	-.000331	-.171411	.0023952	.004338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.268051	-.001068	.0033576	.0000032	.0032217	-.000545	.0007400
Stddev	.080953	.002741	.0010691	.0000653	.0023253	.000074	.0007631
%RSD	30.20046	256.6316	31.83982	2057.267	72.17707	13.55282	103.1331
#1	-.296516	-.003387	.0022650	.0000698	.0039008	-.000460	.0009610
#2	-.176711	.001957	.0044015	.0000005	.0051319	-.000591	.0013682
#3	-.330927	-.001774	.0034064	-.000061	.0006325	-.000584	-.000109

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161711BL Acquired: 06/29/2024 8:18:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS711 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0003807	.0332621	-.000090
Stddev	.0003579	.0017246	.000115
%RSD	94.02097	5.184769	127.8752
#1	.0003237	.0338170	-.000208
#2	.0000546	.0346409	-.000081
#3	.0007636	.0313284	.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.583	30704.33	4114.987	1010.276	2878.503
Stddev	2.455	140.35	18.413	5.395	2.787
%RSD	.1331715	.4571002	.4474688	.5339859	.0968166
#1	1841.714	30598.89	4098.880	1004.494	2877.088
#2	1846.364	30863.64	4111.020	1015.174	2881.713
#3	1842.673	30650.48	4135.060	1011.159	2876.707

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161711BS Acquired: 06/29/2024 8:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS711 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226573	.0480667	.0179794	.0631609	.1063275	.3875784	.3853847
Stddev	.0034684	.0005725	.0019277	.0019421	.0008180	.0067640	.0024907
%RSD	15.30818	1.191086	10.72178	3.074800	.7693405	1.745202	.6463009
#1	.0265790	.0474102	.0158992	.0641557	.1070104	.3799447	.3881383
#2	.0214003	.0484625	.0197056	.0644039	.1065513	.3899645	.3847269
#3	.0199927	.0483273	.0183332	.0609229	.1054209	.3928260	.3832889

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103624	.0097942	10.00854	.0206131	.0912335	.0535318	.1991518
Stddev	.0000919	.0000505	.06251	.0002114	.0000206	.0013190	.0107519
%RSD	.8873481	.5155924	.6245847	1.025790	.0225354	2.464032	5.398862
#1	.0104628	.0097732	10.04464	.0207229	.0912453	.0532827	.2108498
#2	.0103420	.0097575	10.04462	.0207471	.0912097	.0523550	.1969044
#3	.0102823	.0098518	9.93636	.0203693	.0912454	.0549576	.1897012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299977	9.341172	.0770163	.0195568	9.923801	.1000499	.0956347
Stddev	.0007883	.033502	.0002186	.0003511	.115609	.0035075	.0051576
%RSD	2.627773	.3586463	.2838403	1.795294	1.164967	3.505737	5.392998
#1	.0308101	9.361838	.0768093	.0196997	9.834888	.1037756	.0909545
#2	.0292360	9.359159	.0772449	.0198140	10.05449	.0995623	.0947853
#3	.0299469	9.302518	.0769946	.0191568	9.88203	.0968117	.1011642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.902642	.0155553	.0030868	.1078432	.1623926	.4882677	.0130419
Stddev	.094643	.0022782	.0008802	.0008691	.0038223	.0009347	.0013929
%RSD	1.063089	14.64600	28.51663	.8059026	2.353766	.1914267	10.68024
#1	8.923056	.0130824	.0040583	.1088413	.1667771	.4892788	.0143405
#2	8.985412	.0160144	.0028597	.1072537	.1606389	.4880892	.0132143
#3	8.799458	.0175690	.0023424	.1074346	.1597617	.4874352	.0115708

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161711BS Acquired: 06/29/2024 8:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS711 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1886980	.0902708	.1944702
Stddev	.0021587	.0025620	.0009920
%RSD	1.143985	2.838085	.5101315
#1	.1910930	.0904582	.1953953
#2	.1880984	.0927340	.1945927
#3	.1869025	.0876203	.1934226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.995	30250.24	4119.898	1005.064	2781.620
Stddev	1.956	30.75	10.451	1.323	4.583
%RSD	.1078456	.1016551	.2536609	.1316520	.1647642
#1	1814.143	30237.05	4117.003	1004.521	2777.195
#2	1815.873	30285.39	4111.200	1006.573	2786.346
#3	1811.968	30228.29	4131.491	1004.099	2781.319

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161712BL Acquired: 06/29/2024 8:27:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS712 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053747	.0016840	-.003612	-.004364	-.002008	-.007613	.0003954
Stddev	.0009563	.0013526	.000886	.004254	.002042	.016980	.0002841
%RSD	17.79342	80.32016	24.51293	97.47870	101.6815	223.0465	71.84203
#1	.0046391	.0032458	-.002891	-.004333	-.003587	.011617	.0001862
#2	.0064557	.0009139	-.003345	-.008634	-.002734	-.020544	.0002812
#3	.0050291	.0008923	-.004601	-.000126	.000298	-.013911	.0007189

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000432	-.000075	.0055938	-.001105	-.000120	.0050473	.0082795
Stddev	.0000597	.000021	.0100903	.000218	.000093	.0036001	.0120725
%RSD	138.4036	27.96517	180.3833	19.72475	77.60811	71.32806	145.8123
#1	.0000018	-.000077	.0106041	-.001010	-.000018	.0089482	-.003815
#2	.0000160	-.000096	-.006021	-.000950	-.000201	.0018525	.020330
#3	.0001116	-.000054	.012198	-.001354	-.000142	.0043412	.008324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000309	-.003956	-.000017	-.000201	-.079726	.0037231	-.001313
Stddev	.000729	.023002	.000152	.000494	.166703	.0037565	.005841
%RSD	236.0635	581.4385	878.3288	244.9783	209.0937	100.8970	444.8258
#1	.000112	-.000350	.000015	.000357	.080213	-.000554	.005330
#2	.000112	-.028548	-.000183	-.000578	-.066937	.005239	-.003624
#3	-.001150	.017030	.000116	-.000383	-.252456	.006485	-.005645

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.345343	-.001074	.0008844	.0001594	.0017086	-.000339	-.000170
Stddev	.087119	.001897	.0010230	.0002351	.0021654	.000082	.000567
%RSD	25.22693	176.6010	115.6788	147.5095	126.7325	24.36352	333.4769
#1	-.258345	-.002438	.0003128	.0000394	.0010671	-.000246	-.000820
#2	-.345100	-.001876	.0002749	.0000085	-.000064	-.000365	.000224
#3	-.432584	.001092	.0020654	.0004303	.004122	-.000405	.000086

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161712BL Acquired: 06/29/2024 8:27:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS712 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000172	.0320626	-.000101
Stddev	.001508	.0021859	.000180
%RSD	874.0286	6.817535	178.9633
#1	-.001045	.0333931	-.000308
#2	-.001041	.0332550	-.000002
#3	.001568	.0295398	.000009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.055	30654.77	4094.437	1008.168	2881.672
Stddev	5.275	386.84	35.012	11.098	6.872
%RSD	.2868436	1.261926	.8551181	1.100776	.2384884
#1	1834.187	30215.03	4128.750	995.501	2873.775
#2	1844.660	30806.67	4058.765	1012.824	2884.946
#3	1838.318	30942.60	4095.795	1016.180	2886.295

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161712BS Acquired: 06/29/2024 8:31:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS712 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0182956	.0465057	.0173527	.0592219	.1034987	.3649715	.3786158
Stddev	.0050355	.0019527	.0004044	.0045182	.0023410	.0027287	.0003691
%RSD	27.52299	4.198918	2.330625	7.629217	2.261833	.7476520	.0974844
#1	.0127362	.0444073	.0169028	.0639861	.1046413	.3681028	.3783495
#2	.0196002	.0482696	.0176860	.0549984	.1008059	.3631023	.3790371
#3	.0225504	.0468400	.0174693	.0586812	.1050490	.3637094	.3784607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104166	.0097111	9.883835	.0209395	.0889719	.0546059	.2121582
Stddev	.0001877	.0001055	.043765	.0001885	.0005961	.0028310	.0017051
%RSD	1.801592	1.086610	.4427926	.9000753	.6699481	5.184321	.8037019
#1	.0102328	.0096283	9.834956	.0209433	.0885121	.0569895	.2131103
#2	.0104090	.0098299	9.897162	.0207491	.0887582	.0514768	.2131746
#3	.0106079	.0096751	9.919387	.0211260	.0896453	.0553515	.2101896

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0295914	9.148491	.0747631	.0186302	9.816914	.0976088	.0886340
Stddev	.0002405	.064441	.0007133	.0000709	.421567	.0030417	.0032210
%RSD	.8128838	.7043935	.9541333	.3806317	4.294289	3.116242	3.634007
#1	.0295102	9.074122	.0739934	.0186619	9.710242	.0950894	.0859168
#2	.0294020	9.183502	.0754019	.0185490	10.28157	.1009878	.0921919
#3	.0298621	9.187848	.0748939	.0186797	9.45893	.0967492	.0877932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.907381	.0129705	.0023325	.1062687	.1529495	.4907601	.0119863
Stddev	.071705	.0029653	.0008856	.0003391	.0051881	.0043188	.0004872
%RSD	.8050057	22.86191	37.96562	.3191269	3.392039	.8800226	4.064893
#1	8.922965	.0103361	.0031692	.1060758	.1484932	.4877487	.0123894
#2	8.829166	.0161819	.0024233	.1066603	.1517102	.4888233	.0114448
#3	8.970012	.0123933	.0014051	.1060700	.1586450	.4957082	.0121246

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161712BS Acquired: 06/29/2024 8:31:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS712 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1853323	.0895804	.1940511
Stddev	.0010580	.0025894	.0010921
%RSD	.5708439	2.890634	.5627674
#1	.1850024	.0872259	.1933388
#2	.1844786	.0923537	.1935060
#3	.1865159	.0891616	.1953083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.391	30561.18	4070.722	1007.447	2813.432
Stddev	2.563	207.29	7.420	11.545	3.515
%RSD	.1406528	.6782866	.1822842	1.145927	.1249265
#1	1824.039	30378.67	4070.968	998.571	2817.488
#2	1823.696	30518.32	4078.017	1003.271	2811.287
#3	1819.437	30786.55	4063.182	1020.498	2811.521

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161713BL Acquired: 06/29/2024 8:36:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS713 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015917	-.000322	-.000481	-.001430	-.000817	-.002416	.0001766
Stddev	.0010328	.001540	.000985	.004426	.001052	.007775	.0004002
%RSD	64.88798	478.0644	204.6002	309.4843	128.7524	321.8812	226.6901
#1	.0017582	-.001076	-.001616	-.000395	-.001938	.006560	.0001781
#2	.0004857	-.001340	.000151	.002387	-.000659	-.007070	-.000224
#3	.0025311	.001449	.000021	-.006282	.000147	-.006737	.000576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000020	-.000138	.0120715	.0001804	.0000192	.0051061	.0144570
Stddev	.000092	.000043	.0080922	.0000393	.0002343	.0015889	.0145347
%RSD	469.4456	31.03691	67.03554	21.80672	1219.086	31.11754	100.5374
#1	-.000079	-.000150	.0174004	.0002124	.0002535	.0048620	-.002051
#2	.000086	-.000091	.0027598	.0001922	-.000215	.0036534	.025334
#3	-.000066	-.000174	.0160543	.0001365	.000019	.0068029	.020088

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003283	.0147449	-.000494	.0001080	.0193999	.0044445	.0029434
Stddev	.0003493	.0175200	.000191	.0003803	.0877536	.0023390	.0061345
%RSD	106.3859	118.8203	38.68180	351.9888	452.3403	52.62617	208.4134
#1	.0005332	.0295572	-.000406	.0000925	-.026808	.0048877	.0020561
#2	-.000075	.0192718	-.000363	-.000264	.120602	.0019157	.0094733
#3	.000527	-.004594	-.000714	.000496	-.035594	.0065302	-.002699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.220366	.0011198	.0016692	.0003422	.0040253	-.000595	.0005580
Stddev	.110769	.0021495	.0012494	.0001839	.0034017	.000154	.0005686
%RSD	50.26597	191.9456	74.84875	53.73930	84.50814	25.83245	101.8925
#1	-.160710	-.000755	.0029131	.0004455	.0023296	-.000617	.0010496
#2	-.348177	.003466	.0004145	.0004511	.0018047	-.000736	.0006890
#3	-.152211	.000649	.0016800	.0001299	.0079415	-.000431	-.000065

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161713BL Acquired: 06/29/2024 8:36:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS713 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0005797	.0324607	-.000009
Stddev	.0018719	.0030436	.000134
%RSD	322.9041	9.376149	1488.761
#1	.0004447	.0290496	-.000126
#2	.0025155	.0334336	.000137
#3	-.001221	.0348987	-.000038

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.675	30991.81	4083.183	1020.421	2889.817
Stddev	4.785	127.79	14.946	9.443	7.320
%RSD	.2595192	.4123495	.3660349	.9254166	.2533148
#1	1841.389	30901.88	4076.305	1018.826	2887.647
#2	1849.174	31138.10	4072.915	1030.561	2897.976
#3	1840.462	30935.46	4100.330	1011.878	2883.826

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161713BS Acquired: 06/29/2024 8:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS713 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219530	.0469235	.0160711	.0630677	.1061373	.3705551	.3808024
Stddev	.0017174	.0025602	.0014236	.0046698	.0022889	.0044435	.0008505
%RSD	7.822959	5.456147	8.857953	7.404346	2.156519	1.199151	.2233421
#1	.0216087	.0469039	.0163628	.0671376	.1084978	.3742199	.3799476
#2	.0204339	.0494935	.0145243	.0579695	.1039275	.3656128	.3816485
#3	.0238165	.0443731	.0173262	.0640959	.1059867	.3718327	.3808111

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103393	.0097316	9.893961	.0211216	.0899737	.0545445	.1939911
Stddev	.0000505	.0001888	.029086	.0002321	.0001816	.0025354	.0029767
%RSD	.4880463	1.940293	.2939795	1.098798	.2017932	4.648239	1.534436
#1	.0103477	.0095654	9.867053	.0210372	.0898051	.0519010	.1968459
#2	.0103850	.0096924	9.890009	.0209435	.0899502	.0569557	.1909059
#3	.0102852	.0099369	9.924821	.0213841	.0901659	.0547768	.1942216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303408	9.217301	.0763345	.0191875	9.869903	.0967178	.0880429
Stddev	.0008157	.123151	.0004047	.0003033	.287957	.0019509	.0058748
%RSD	2.688309	1.336085	.5302213	1.580701	2.917527	2.017080	6.672667
#1	.0308391	9.085221	.0758978	.0192898	9.537411	.0981282	.0842476
#2	.0307837	9.237708	.0764087	.0188462	10.03374	.0975339	.0850712
#3	.0293995	9.328973	.0766970	.0194263	10.03856	.0944914	.0948099

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.863206	.0140278	.0023717	.1071692	.1582252	.4893504	.0129682
Stddev	.055315	.0037014	.0005254	.0001821	.0054793	.0046381	.0007438
%RSD	.6240930	26.38587	22.15325	.1699393	3.462962	.9478060	5.735568
#1	8.896239	.0161842	.0026917	.1069640	.1522815	.4914822	.0122622
#2	8.894031	.0097539	.0026580	.1073117	.1630751	.4925393	.0128976
#3	8.799347	.0161454	.0017653	.1072320	.1593190	.4840296	.0137448

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161713BS Acquired: 06/29/2024 8:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS713 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1869939	.0881960	.1921024
Stddev	.0022221	.0012558	.0009519
%RSD	1.188302	1.423856	.4955271
#1	.1844620	.0871294	.1912218
#2	.1878997	.0878784	.1931124
#3	.1886199	.0895800	.1919731

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.462	30331.17	4108.626	1004.927	2805.006
Stddev	4.142	172.73	26.379	5.401	6.979
%RSD	.2266587	.5694646	.6420483	.5374486	.2488162
#1	1829.816	30221.88	4082.312	1001.952	2811.914
#2	1829.890	30530.30	4108.498	1011.162	2805.148
#3	1822.679	30241.33	4135.070	1001.668	2797.957

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-05 Acquired: 06/29/2024 8:45:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9113524	-.045259	.2419454	-.163543	.0352157	225.4493
Stddev	.0152246	.003050	.0029420	.004615	.0040521	5.0948
%RSD	1.670555	6.739634	1.215999	2.822027	11.50640	2.259852
#1	.8991269	-.043074	.2411634	-.166705	.0374345	231.1964
#2	.9065247	-.043959	.2394733	-.165677	.0376738	223.6643
#3	.9284056	-.048744	.2451994	-.158247	.0305388	221.4872

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.698299	.0043861	.0258345	66.24039	.4212174	.3682824
Stddev	.060573	.0001627	.0007701	1.62090	.0012797	.0010822
%RSD	2.244855	3.710296	2.980952	2.446993	.3037970	.2938519
#1	2.767611	.0044862	.0249679	68.10601	.4226891	.3687653
#2	2.671764	.0044738	.0260951	65.43767	.4205966	.3670428
#3	2.655522	.0041984	.0264405	65.17750	.4203667	.3690391

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.011061	747.6627	24.99721	141.2764	.6253545	-.013248
Stddev	.020971	17.1151	.59991	3.2506	.0012158	.002039
%RSD	2.074146	2.289154	2.399919	2.300882	.1944094	15.38873
#1	1.034945	767.3054	25.68758	144.9994	.6241095	-.010894
#2	1.002579	739.7260	24.70141	139.8284	.6265387	-.014396
#3	.995660	735.9567	24.60265	139.0015	.6254154	-.014454

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.501165	1.399822	1.265155	40.21356	F 11.44789	.2824794
Stddev	.269671	.022225	.014669	.98206	.01234	.0076549
%RSD	10.78182	1.587690	1.159468	2.442112	.1078048	2.709905
#1	2.805185	1.423869	1.250680	41.30165	11.45393	.2821365
#2	2.407478	1.395560	1.280010	39.94606	11.43369	.2902999
#3	2.290833	1.380037	1.264776	39.39296	11.45605	.2750016

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2829-05 Acquired: 06/29/2024 8:45:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002947	2.556090	1.328147	.0022009	1.219321	.4269908
Stddev	.000338	.013821	.035140	.0020091	.025295	.0091126
%RSD	11.46076	.5407034	2.645784	91.28342	2.074519	2.134133
#1	-.003228	2.542949	1.368719	.0038622	1.247697	.4374326
#2	-.002573	2.554817	1.307357	.0027725	1.211126	.4206452
#3	-.003041	2.570503	1.308366	-.000032	1.199139	.4228945

Elem	Sr4077
Units	ppm
Avg	.4912737
Stddev	.0114449
%RSD	2.329632
#1	.5040233
#2	.4879106
#3	.4818872

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.013	33384.47	4685.684	1096.874	2501.106
Stddev	1.812	214.79	122.803	6.727	2.240
%RSD	.0906682	.6433914	2.620816	.6132575	.0895700
#1	1999.836	33160.81	4546.547	1091.009	2498.937
#2	1996.935	33589.13	4778.943	1104.217	2500.972
#3	2000.269	33403.47	4731.562	1095.398	2503.411

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-06 Acquired: 06/29/2024 8:49:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8887010	-.032835	.1281863	-.136739	.0286851	205.0315
Stddev	.0035106	.004902	.0024684	.006235	.0024968	.8988
%RSD	.3950275	14.92771	1.925644	4.559666	8.704077	.4383570
#1	.8851006	-.027876	.1253687	-.139219	.0286352	204.7694
#2	.8888879	-.037677	.1292226	-.141352	.0312064	204.2929
#3	.8921144	-.032954	.1299676	-.129646	.0262136	206.0322

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.751554	.0037620	.0192279	79.54621	.4164665	.3453148
Stddev	.003812	.0001030	.0002167	.15294	.0014613	.0013393
%RSD	.2176436	2.738141	1.126754	.1922613	.3508731	.3878482
#1	1.748962	.0037319	.0190025	79.48409	.4181479	.3467220
#2	1.749769	.0038768	.0192466	79.43410	.4157480	.3451667
#3	1.755931	.0036774	.0194346	79.72043	.4155036	.3440557

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8352656	563.9065	18.20864	137.6265	.5941450	-.010929
Stddev	.0057442	1.6021	.05063	.3172	.0012333	.000514
%RSD	.6877055	.2841057	.2780594	.2304442	.2075731	4.701721
#1	.8340013	564.3216	18.20993	137.3953	.5953293	-.010680
#2	.8302589	562.1377	18.15737	137.4961	.5942376	-.011520
#3	.8415366	565.2602	18.25861	137.9880	.5928680	-.010587

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.042422	1.151119	.9957893	39.74097	F 12.68690	.2323946
Stddev	.329687	.007274	.0057228	.34793	.01134	.0022373
%RSD	16.14196	.6319389	.5747004	.8754868	.0893810	.9627176
#1	2.187022	1.142878	.9900676	39.70613	12.68066	.2323466
#2	1.665144	1.153832	1.001513	39.41177	12.68005	.2346555
#3	2.275100	1.156647	.995787	40.10501	12.69999	.2301816

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-06 Acquired: 06/29/2024 8:49:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002054	3.564440	.9328306	.0003876	.7607139	.3917846
Stddev	.000708	.012455	.0090806	.0014124	.0014266	.0053608
%RSD	34.49818	.3494164	.9734507	364.4350	.1875345	1.368291
#1	-.001247	3.555118	.9271124	-.001184	.7619852	.3979484
#2	-.002340	3.559618	.9280783	.000794	.7591710	.3891956
#3	-.002574	3.578585	.9433012	.001552	.7609854	.3882097

Elem	Sr4077
Units	ppm
Avg	.5180485
Stddev	.0025567
%RSD	.4935155
#1	.5167448
#2	.5164065
#3	.5209942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1997.384	33369.85	4704.137	1094.144	2541.689
Stddev	4.450	152.14	21.093	5.259	5.893
%RSD	.2227948	.4559195	.4483888	.4806575	.2318633
#1	1993.214	33194.18	4679.992	1088.079	2535.063
#2	1996.869	33459.01	4718.977	1096.928	2543.659
#3	2002.069	33456.35	4713.443	1097.427	2546.345

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-07 Acquired: 06/29/2024 8:53:57 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5T8 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1840178	-.014344	.0911770	-.060819	.0099361	60.41982	1.084652
Stddev	.0072067	.000995	.0012493	.005858	.0018101	1.02941	.017832
%RSD	3.916330	6.936008	1.370222	9.631801	18.21701	1.703764	1.644029
#1	.1763538	-.014121	.0904539	-.067333	.0115000	60.83088	1.094934
#2	.1906578	-.015432	.0904574	-.059141	.0079533	59.24839	1.064062
#3	.1850418	-.013480	.0926195	-.055983	.0103550	61.18018	1.094962

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029931	.0059556	22.51414	.1239908	.0729385	.3072447	260.8869
Stddev	.0000858	.0002976	.39121	.0004499	.0002254	.0099195	4.6421
%RSD	2.867337	4.996829	1.737611	.3628521	.3090249	3.228545	1.779339
#1	.0030789	.0059013	22.74275	.1240065	.0726835	.3122982	263.1896
#2	.0029932	.0062765	22.06242	.1235332	.0730208	.2958160	255.5437
#3	.0029072	.0056888	22.73724	.1244326	.0731112	.3136198	263.9275

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.411573	33.08743	.1517329	-.004385	1.410457	.4420016	1.487508
Stddev	.104515	.75760	.0002183	.000517	.234508	.0062920	.028524
%RSD	1.931329	2.289683	.1438436	11.78683	16.62635	1.423525	1.917595
#1	5.466557	33.53290	.1515556	-.003804	1.615396	.4434294	1.492981
#2	5.291044	32.21268	.1516664	-.004793	1.154711	.4351184	1.456644
#3	5.477120	33.51672	.1519767	-.004559	1.461265	.4474571	1.512900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.15959	5.227874	.1236485	.0021194	1.444350	1.116786	.0000111
Stddev	.26135	.002606	.0034361	.0003319	.012162	.011390	.0017652
%RSD	1.439172	.0498468	2.778916	15.65833	.8420083	1.019901	15879.00
#1	18.26682	5.224999	.1244755	.0023333	1.435223	1.123233	-.000315
#2	17.86169	5.230080	.1198744	.0017371	1.439671	1.103635	.001916
#3	18.35028	5.228543	.1265956	.0022879	1.458156	1.123491	-.001569

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-07 Acquired: 06/29/2024 8:53:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7501379	.1689366	.2453914
Stddev	.0127976	.0039031	.0043960
%RSD	1.706029	2.310406	1.791427
#1	.7559774	.1725595	.2473602
#2	.7354621	.1648035	.2403551
#3	.7589740	.1694468	.2484589

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.762	32925.06	4495.414	1087.108	2740.401
Stddev	1.619	113.52	55.722	4.654	3.671
%RSD	.0823438	.3447928	1.239540	.4280736	.1339615
#1	1964.450	33032.58	4470.139	1091.076	2743.411
#2	1967.571	32936.25	4559.295	1088.264	2741.482
#3	1965.266	32806.36	4456.808	1081.986	2736.311

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-08 Acquired: 06/29/2024 8:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8317772	-.045337	.4207785	-.154034	.0416649	212.6368	3.039342
Stddev	.0121392	.002984	.0025993	.003529	.0028459	2.5658	.044713
%RSD	1.459430	6.581824	.6177334	2.291319	6.830310	1.206648	1.471140
#1	.8250183	-.047888	.4177960	-.152268	.0419850	210.0051	2.999336
#2	.8245219	-.042055	.4225606	-.151736	.0386726	215.1311	3.087610
#3	.8457914	-.046066	.4219789	-.158098	.0443373	212.7742	3.031080

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073468	.0298806	45.57934	.5076730	.3725056	1.570988	651.9174
Stddev	.0000893	.0002861	.68179	.0005784	.0002523	.014492	7.8205
%RSD	1.214978	.9573995	1.495838	.1139351	.0677255	.9224761	1.199610
#1	.0074476	.0298790	44.98759	.5076690	.3722337	1.554572	644.6268
#2	.0073152	.0295953	46.32490	.5070965	.3727321	1.582009	660.1774
#3	.0072776	.0301675	45.42552	.5082534	.3725510	1.576382	650.9479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.29598	116.9998	.6172199	-.012620	2.381133	1.385149	1.300744
Stddev	.18671	1.5689	.0005344	.001164	.164089	.019002	.017936
%RSD	1.306041	1.340963	.0865881	9.220989	6.891204	1.371828	1.378873
#1	14.13638	115.5256	.6178166	-.013963	2.328540	1.365113	1.281127
#2	14.50131	118.6488	.6170576	-.011938	2.249790	1.402912	1.304803
#3	14.25024	116.8249	.6167854	-.011958	2.565071	1.387422	1.316302

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.67998	8.496558	.2604677	-.001717	1.387659	1.128666	.0023636
Stddev	.37684	.011768	.0068739	.000735	.022198	.012339	.0001738
%RSD	1.313951	.1385033	2.639044	42.81071	1.599707	1.093252	7.352807
#1	28.27454	8.506803	.2538713	-.001599	1.364062	1.126308	.0024114
#2	29.01953	8.483705	.2675890	-.001048	1.408128	1.142014	.0021709
#3	28.74588	8.499167	.2599429	-.002504	1.390787	1.117676	.0025085

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-08 Acquired: 06/29/2024 8:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.651525	.4277597	.3584529
Stddev	.021775	.0078655	.0030542
%RSD	1.318490	1.838770	.8520621
#1	1.630800	.4228515	.3551810
#2	1.674217	.4368319	.3612287
#3	1.649557	.4235958	.3589491

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.304	34613.08	4825.562	1136.299	2546.990
Stddev	4.012	82.43	46.697	3.636	1.457
%RSD	.1931202	.2381360	.9676938	.3199664	.0572055
#1	2078.178	34683.32	4857.219	1138.143	2548.004
#2	2072.927	34522.34	4771.932	1132.110	2545.320
#3	2080.806	34633.58	4847.536	1138.642	2547.645

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-09 Acquired: 06/29/2024 9:02:40 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5T9D Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8360076	-.043755	.4294024	-.155204	.0425836	211.1348	3.115938
Stddev	.0067784	.001683	.0031244	.006754	.0010260	.7042	.006431
%RSD	.8108093	3.846121	.7276116	4.351611	2.409444	.3335249	.2063787
#1	.8395354	-.043793	.4281952	-.151468	.0418443	211.5865	3.122548
#2	.8402945	-.045418	.4270618	-.163000	.0421514	210.3235	3.109703
#3	.8281928	-.042053	.4329503	-.151143	.0437550	211.4945	3.115562

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072048	.0311787	45.15494	.5007691	.3770886	1.547344	646.7559
Stddev	.0002383	.0002115	.11614	.0185038	.0023179	.008563	2.5390
%RSD	3.307068	.6784483	.2571973	3.695073	.6146903	.5533975	.3925738
#1	.0072359	.0309560	45.19898	.4799237	.3744370	1.542163	647.8437
#2	.0069525	.0313769	45.02323	.5152526	.3787299	1.542640	643.8542
#3	.0074260	.0312033	45.24262	.5071311	.3780989	1.557228	648.5697

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.65514	116.9262	.6218166	-.013354	2.112601	1.373285	1.234008
Stddev	.06054	.1886	.0021734	.003010	.108553	.004820	.026965
%RSD	.3634654	.1613129	.3495166	22.54046	5.138353	.3510086	2.185135
#1	16.69680	117.0362	.6193101	-.010030	2.228944	1.374371	1.205368
#2	16.58570	116.7084	.6229631	-.015896	2.014031	1.368015	1.258907
#3	16.68293	117.0339	.6231767	-.014136	2.094828	1.377470	1.237750

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	28.48862	8.604897	.2642174	-.001994	1.396593	1.235050	.0032980
Stddev	.16866	.050982	.0052663	.000335	.013092	.008900	.0011485
%RSD	.5920353	.5924785	1.993153	16.77832	.9374267	.7206319	34.82375
#1	28.44252	8.547005	.2685459	-.002047	1.381512	1.225436	.0045377
#2	28.34780	8.643095	.2583543	-.002298	1.405040	1.236712	.0022703
#3	28.67554	8.624590	.2657520	-.001636	1.403228	1.243002	.0030860

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-09 Acquired: 06/29/2024 9:02:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.644114	.4303625	.3603796
Stddev	.006402	.0043528	.0018413
%RSD	.3893914	1.011427	.5109286
#1	1.647857	.4292530	.3593067
#2	1.636722	.4351626	.3593265
#3	1.647764	.4266718	.3625057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.939	34640.48	4865.236	1139.983	2521.854
Stddev	6.781	923.76	27.589	31.569	6.753
%RSD	.3294863	2.666712	.5670640	2.769230	.2677863
#1	2060.161	35697.31	4847.215	1176.414	2526.854
#2	2050.327	33986.85	4896.997	1120.702	2514.171
#3	2063.330	34237.30	4851.496	1122.832	2524.536

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-08LX5 Acquired: 06/29/2024 9:06:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1729991	-.007753	.0883286	-.035365	.0100638	47.98639	.7036441
Stddev	.0032742	.002760	.0045405	.008442	.0023591	.25359	.0016004
%RSD	1.892619	35.60359	5.140491	23.86986	23.44176	.5284543	.2274412
#1	.1726451	-.010189	.0928892	-.039221	.0081960	47.84242	.7027183
#2	.1699162	-.008314	.0882881	-.041190	.0127150	47.83755	.7027219
#3	.1764359	-.004755	.0838084	-.025684	.0092806	48.27919	.7054921

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019055	.0050221	10.78432	.1198148	.0769530	.3801660	156.2939
Stddev	.0000973	.0000889	.01077	.0011183	.0010907	.0029004	.4769
%RSD	5.104990	1.770983	.0998436	.9333714	1.417324	.7629313	.3051384
#1	.0020154	.0050095	10.78155	.1189594	.0778921	.3784574	156.3647
#2	.0018709	.0049402	10.77521	.1194048	.0757567	.3835149	155.7855
#3	.0018303	.0051167	10.79620	.1210803	.0772102	.3785258	156.7314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.453966	26.79596	.1303646	-.001924	.6954729	.3241515	.3075692
Stddev	.012854	.09536	.0005000	.000397	.1438764	.0061519	.0090344
%RSD	.3721547	.3558713	.3835446	20.62012	20.68757	1.897835	2.937351
#1	3.457913	26.72211	.1304203	-.001487	.8029068	.3220451	.3008543
#2	3.439602	26.90362	.1298391	-.002262	.5320113	.3193295	.3040127
#3	3.464385	26.76216	.1308344	-.002022	.7515005	.3310799	.3178406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.271654	1.726160	.0650635	-.000506	.2744588	.2711834	.0012093
Stddev	.048992	.012369	.0008449	.000523	.0054960	.0046594	.0004609
%RSD	.7811631	.7165733	1.298592	103.2868	2.002485	1.718163	38.10869
#1	6.328194	1.728240	.0656449	-.000946	.2704602	.2741159	.0006789
#2	6.245000	1.712882	.0640943	.000072	.2721902	.2736235	.0014373
#3	6.241768	1.737357	.0654512	-.000646	.2807259	.2658107	.0015117

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-08LX5 Acquired: 06/29/2024 9:06:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3860141	.1254738	.0845182
Stddev	.0036103	.0015113	.0007615
%RSD	.9352791	1.204478	.9010344
#1	.3827234	.1256994	.0840092
#2	.3854429	.1268596	.0841516
#3	.3898759	.1238623	.0853937

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1874.783	31240.24	4260.422	1025.978	2690.812
Stddev	9.596	228.01	7.885	5.450	13.236
%RSD	.5118583	.7298751	.1850725	.5312212	.4919018
#1	1868.486	31459.80	4252.349	1028.685	2685.002
#2	1885.828	31256.31	4260.812	1029.545	2705.959
#3	1870.036	31004.62	4268.104	1019.704	2681.475

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-10 Acquired: 06/29/2024 9:11:25 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5T9S Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8052648	.0544292	.3680227	-.054735	.1509147	167.9456	5.587371
Stddev	.0016874	.0017592	.0043421	.002034	.0031776	.4250	.010063
%RSD	.2095422	3.232075	1.179831	3.715583	2.105567	.2530406	.1800994
#1	.8071180	.0532103	.3648228	-.053281	.1508771	168.4154	5.595184
#2	.8038173	.0536312	.3729654	-.057059	.1541110	167.8337	5.590912
#3	.8048589	.0564459	.3662799	-.053865	.1477561	167.5879	5.576016

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0934932	.1203587	35.74208	.7581634	1.198178	1.587670	560.1316
Stddev	.0007273	.0017051	.12136	.0029597	.009088	.005942	1.2400
%RSD	.7779073	1.416668	.3395414	.3903825	.7585120	.3742428	.2213775
#1	.0942303	.1194714	35.79847	.7572990	1.193061	1.593271	561.4927
#2	.0934731	.1223245	35.82497	.7614591	1.208671	1.588301	559.8363
#3	.0927761	.1192802	35.60278	.7557321	1.192801	1.581438	559.0660

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.93416	89.07785	1.419405	.0596809	2.269719	1.956349	1.850186
Stddev	.03354	.32117	.013290	.0004340	.137346	.011513	.022543
%RSD	.3067384	.3605446	.9362811	.7271228	6.051243	.5885063	1.218444
#1	10.96287	89.42166	1.412911	.0591807	2.139346	1.969639	1.850005
#2	10.94230	89.02635	1.434694	.0599046	2.256700	1.949391	1.827733
#3	10.89729	88.78555	1.410612	.0599574	2.413111	1.950018	1.872819

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.79849	7.374485	.2185966	.4519223	4.431044	1.545676	-.001213
Stddev	.08486	.067268	.0042381	.0026747	.050488	.002761	.002705
%RSD	.3422057	.9121731	1.938780	.5918576	1.139423	.1785962	222.9449
#1	24.87576	7.339803	.2190539	.4494109	4.401617	1.545770	.001776
#2	24.81204	7.452016	.2141484	.4547349	4.489342	1.548388	-.003492
#3	24.70767	7.331635	.2225875	.4516213	4.402174	1.542869	-.001923

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-10 Acquired: 06/29/2024 9:11:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.892856	.3318019	.3112341
Stddev	.003826	.0009869	.0014746
%RSD	.2021145	.2974434	.4737939
#1	1.896486	.3315731	.3129365
#2	1.893222	.3328831	.3103520
#3	1.888861	.3309494	.3104140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.016	34303.90	4803.667	1125.635	2577.519
Stddev	12.737	152.37	34.311	11.418	23.452
%RSD	.6243334	.4441678	.7142672	1.014347	.9098484
#1	2047.537	34164.70	4769.664	1116.196	2589.669
#2	2025.310	34466.68	4803.058	1138.326	2550.486
#3	2047.200	34280.31	4838.278	1122.384	2592.402

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-11 Acquired: 06/29/2024 9:15:41 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5W0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7356787	-.042627	.1601440	-.140202	.0318827	214.5085	3.291725
Stddev	.0064325	.004219	.0025649	.004753	.0032171	1.4668	.013722
%RSD	.8743675	9.896754	1.601633	3.390301	10.09050	.6838114	.4168569
#1	.7430670	-.041928	.1616585	-.144314	.0289992	215.3186	3.305295
#2	.7326456	-.038802	.1571826	-.141293	.0353527	215.3918	3.292025
#3	.7313235	-.047152	.1615911	-.134998	.0312962	212.8153	3.277856

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062351	.0198036	113.8993	.4450922	.3436613	.6810675	603.3586
Stddev	.0002490	.0006494	.4901	.0101567	.0010503	.0042569	3.3896
%RSD	3.993646	3.279339	.4302746	2.281931	.3056083	.6250291	.5617879
#1	.0065222	.0190540	114.3477	.4568179	.3435157	.6812635	606.0617
#2	.0061046	.0201617	113.9742	.4394264	.3426914	.6852230	604.4585
#3	.0060785	.0201952	113.3762	.4390322	.3447768	.6767160	599.5557

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.55733	129.0007	.5295475	-.014758	2.313935	1.138091	.8909555
Stddev	.11198	.6153	.0008647	.000872	.152341	.002474	.0152040
%RSD	.5725544	.4769692	.1632939	5.907773	6.583623	.2174201	1.706480
#1	19.64887	129.2462	.5304553	-.015725	2.485442	1.140390	.9082296
#2	19.59065	129.4554	.5287335	-.014518	2.194318	1.138411	.8796045
#3	19.43248	128.3006	.5294537	-.014032	2.262046	1.135473	.8850323

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	37.92528	8.699247	.2606022	-.002809	1.689502	1.219739	-.001291
Stddev	.36305	.026688	.0024375	.000508	.017187	.012377	.000141
%RSD	.9572822	.3067849	.9353290	18.07342	1.017292	1.014726	10.93229
#1	38.01453	8.701193	.2585049	-.002695	1.683143	1.231436	-.001307
#2	38.23537	8.671640	.2600254	-.002368	1.676401	1.221003	-.001143
#3	37.52592	8.724909	.2632764	-.003364	1.708963	1.206779	-.001424

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-11 Acquired: 06/29/2024 9:15:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.293972	.5046627	.7898793
Stddev	.005531	.0013005	.0066252
%RSD	.4274557	.2577036	.8387644
#1	1.293526	.5060858	.7917892
#2	1.299713	.5043662	.7953399
#3	1.288677	.5035360	.7825090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.311	34297.11	4859.069	1124.738	2475.374
Stddev	8.669	738.14	27.354	22.305	10.325
%RSD	.4207696	2.152185	.5629446	1.983134	.4171054
#1	2056.056	33453.75	4834.505	1100.155	2477.482
#2	2070.285	34825.60	4854.155	1143.683	2484.483
#3	2054.591	34611.96	4888.547	1130.376	2464.158

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-12 Acquired: 06/29/2024 9:19:59 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5W1 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5224142	-.032117	.1675343	-.155605	.0290156	173.6049
Stddev	.0155116	.005807	.0020327	.004071	.0025797	5.8221
%RSD	2.969220	18.08045	1.213294	2.615931	8.890768	3.353644
#1	.5150982	-.033350	.1654531	-.159264	.0268926	174.0103
#2	.5119136	-.025793	.1676350	-.156330	.0318867	167.5907
#3	.5402309	-.037209	.1695147	-.151221	.0282674	179.2137

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.216978	.0053567	.0204329	71.09752	.3616825	.3395776
Stddev	.147483	.0003027	.0002686	2.44483	.0036767	.0035151
%RSD	3.497371	5.651723	1.314512	3.438699	1.016543	1.035131
#1	4.225709	.0056226	.0204527	71.26894	.3657074	.3371068
#2	4.065324	.0050272	.0206910	68.57149	.3585005	.3380243
#3	4.359903	.0054201	.0201549	73.45213	.3608396	.3436017

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5299914	631.4774	F 35.02727	116.7671	.4883736	-.016835
Stddev	.0150911	20.9871	1.16750	4.0186	.0056420	.002051
%RSD	2.847423	3.323499	3.333108	3.441549	1.155262	12.18243
#1	.5399909	633.4235	35.10585	117.0126	.4868212	-.018107
#2	.5126325	609.5850	33.82247	112.6313	.4836703	-.017930
#3	.5373508	651.4237	36.15350	120.6572	.4946293	-.014469

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.727813	.8989518	1.214130	30.00103	9.161119	.2795418
Stddev	.216883	.0343058	.004514	.95730	.086075	.0107569
%RSD	7.950810	3.816199	.3717824	3.190886	.9395644	3.848031
#1	2.545047	.9002624	1.219130	30.08520	9.091883	.2770196
#2	2.670920	.8640094	1.210356	29.00443	9.133982	.2702702
#3	2.967472	.9325835	1.212903	30.91347	9.257491	.2913357

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-12 Acquired: 06/29/2024 9:19:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000704	2.217818	1.476460	.0011378	1.556531	.4511919
Stddev	.000435	.027477	.043989	.0030818	.053568	.0148386
%RSD	61.77431	1.238939	2.979377	270.8562	3.441483	3.288757
#1	-.001123	2.203979	1.498946	.0044445	1.556482	.4537813
#2	-.000255	2.200011	1.425773	-.001654	1.502988	.4352290
#3	-.000733	2.249463	1.504661	.000623	1.610124	.4645654

Elem	Sr4077
Units	ppm
Avg	1.025103
Stddev	.034089
%RSD	3.325454
#1	1.026880
#2	.990160
#3	1.058269

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.442	33814.42	4803.943	1106.291	2499.797
Stddev	16.938	345.36	131.838	9.431	21.386
%RSD	.8346138	1.021352	2.744361	.8525205	.8555036
#1	2040.456	33422.43	4786.164	1095.695	2509.988
#2	2037.933	33946.89	4943.767	1109.408	2514.181
#3	2009.938	34073.93	4681.897	1113.769	2475.222

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-13 Acquired: 06/29/2024 9:24:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.241379	-.057863	.4178252	-.210679	.0432176	187.5993
Stddev	.005669	.002157	.0040985	.009620	.0016836	4.6338
%RSD	.4566301	3.728294	.9809146	4.566197	3.895533	2.470069
#1	1.247047	-.058313	.4138662	-.219686	.0449196	184.6456
#2	1.235710	-.055516	.4220503	-.211804	.0431801	185.2123
#3	1.241380	-.059759	.4175593	-.200545	.0415531	192.9400

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.414175	.0072138	.0369378	43.71695	.4236067	.3878762
Stddev	.085048	.0003269	.0008673	.99818	.0069120	.0010221
%RSD	2.491040	4.530990	2.348107	2.283278	1.631692	.2635013
#1	3.364478	.0069504	.0378214	43.14366	.4246950	.3889246
#2	3.365668	.0071114	.0369044	43.13764	.4162152	.3868827
#3	3.512378	.0075796	.0360877	44.86954	.4299100	.3878212

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.516694	F 861.0225	F 33.85072	104.1307	.6376842	-.019776
Stddev	.030395	19.7830	.77562	2.7149	.0010386	.001398
%RSD	2.004062	2.297616	2.291281	2.607230	.1628670	7.070824
#1	1.492365	848.4492	33.37311	102.3607	.6387838	-.021226
#2	1.506951	850.7925	33.43339	102.7750	.6375491	-.018436
#3	1.550767	883.8258	34.74564	107.2565	.6367198	-.019664

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.936711	1.459003	1.530971	33.36046	F 10.55938	.3578400
Stddev	.110271	.027110	.008148	.94470	.01208	.0115675
%RSD	3.754913	1.858130	.5322031	2.831781	.1143611	3.232586
#1	3.011670	1.441993	1.538031	32.58500	10.56271	.3474345
#2	2.988369	1.444750	1.522055	33.08377	10.54599	.3557901
#3	2.810093	1.490267	1.532828	34.41260	10.56944	.3702954

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-13 Acquired: 06/29/2024 9:24:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002413	1.760309	1.027860	.0044023	1.685346	.3918320
Stddev	.000746	.007854	.021153	.0022499	.039889	.0074137
%RSD	30.89952	.4461784	2.057948	51.10662	2.366808	1.892066
#1	-.003105	1.754560	1.025974	.0022324	1.658496	.3857682
#2	-.001624	1.769258	1.007713	.0067244	1.666360	.3896307
#3	-.002510	1.757109	1.049892	.0042500	1.731181	.4000970

Elem	Sr4077
Units	ppm
Avg	.5404359
Stddev	.0127680
%RSD	2.362540
#1	.5303089
#2	.5362201
#3	.5547787

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2149.162	36099.58	5012.582	1178.016	2525.834
Stddev	1.344	437.63	99.790	16.541	1.284
%RSD	.0625210	1.212274	1.990794	1.404121	.0508501
#1	2148.854	36232.44	5077.142	1178.728	2524.816
#2	2147.999	36455.39	5062.960	1194.190	2527.277
#3	2150.633	35610.93	4897.646	1161.131	2525.410

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-14 Acquired: 06/29/2024 9:28:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5641857	-.003492	.2415520	-.137143	.0299169	171.7526
Stddev	.0151643	.002186	.0030365	.005733	.0050324	.1134
%RSD	2.687818	62.61210	1.257079	4.180206	16.82114	.0660313
#1	.5732019	-.002779	.2383982	-.135028	.0278011	171.7702
#2	.5466781	-.001751	.2418021	-.143633	.0356618	171.8562
#3	.5726770	-.005946	.2444558	-.132768	.0262880	171.6315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.618136	.0047264	.0195606	128.0597	.3462893	.2934794
Stddev	.022492	.0002980	.0002950	.3873	.0020269	.0030085
%RSD	.2609804	6.305931	1.508273	.3024279	.5853247	1.025099
#1	8.598732	.0046426	.0192244	127.8203	.3486251	.2908278
#2	8.612888	.0050573	.0196809	127.8524	.3452491	.2928616
#3	8.642788	.0044792	.0197765	128.5065	.3449937	.2967488

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5419767	577.2342	F 70.47625	99.24487	.4537014	-.014566
Stddev	.0068837	.9448	.18965	.19641	.0027935	.000624
%RSD	1.270113	.1636717	.2690964	.1979068	.6157233	4.285063
#1	.5498275	577.1780	70.40468	99.13761	.4504771	-.013868
#2	.5391281	576.3189	70.33281	99.12545	.4552288	-.014760
#3	.5369746	578.2059	70.69128	99.47156	.4553981	-.015071

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.308073	.9032619	1.038026	24.78622	8.195744	.2445659
Stddev	.099367	.0044599	.014197	.15661	.057773	.0024758
%RSD	4.305176	.4937527	1.367653	.6318309	.7049109	1.012315
#1	2.209292	.8981751	1.053998	24.69597	8.140307	.2445793
#2	2.306912	.9051096	1.026844	24.96705	8.191327	.2470350
#3	2.408015	.9065009	1.033235	24.69563	8.255599	.2420835

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-14 Acquired: 06/29/2024 9:28:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001172	.6932296	1.074378	-.001462	1.173820	.4297533
Stddev	.000532	.0077954	.005328	.001868	.001525	.0042906
%RSD	45.41248	1.124504	.4959104	127.7322	.1299468	.9983848
#1	-.000676	.6870070	1.080417	-.003275	1.173917	.4327487
#2	-.001105	.6907083	1.070338	.000456	1.175294	.4248380
#3	-.001734	.7019736	1.072381	-.001568	1.172248	.4316732

Elem	Sr4077
Units	ppm
Avg	.9556312
Stddev	.0026626
%RSD	.2786269
#1	.9584558
#2	.9552707
#3	.9531673

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.213	34506.54	4885.178	1132.067	2498.478
Stddev	8.141	98.28	17.002	5.280	13.577
%RSD	.3928590	.2848204	.3480282	.4663837	.5434247
#1	2079.804	34422.44	4901.529	1126.377	2512.633
#2	2073.218	34482.59	4886.413	1136.807	2497.239
#3	2063.616	34614.58	4867.593	1133.019	2485.563

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-15 Acquired: 06/29/2024 9:32:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7169928	-.041294	.1711507	-.130372	.0319190	226.7354	2.933190
Stddev	.0058976	.004048	.0033169	.006090	.0011023	.4715	.003078
%RSD	.8225510	9.801932	1.937978	4.671328	3.453491	.2079497	.1049291
#1	.7228250	-.038030	.1673952	-.135115	.0331893	226.2413	2.929679
#2	.7110318	-.040028	.1723775	-.132497	.0313524	226.7843	2.935424
#3	.7171216	-.045823	.1736794	-.123504	.0312152	227.1805	2.934468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061570	.0206062	56.33559	.4552191	.3108650	.6555096	581.9479
Stddev	.0000486	.0002816	.00888	.0033667	.0020611	.0029644	.3924
%RSD	.7896225	1.366567	.0157602	.7395783	.6630339	.4522218	.0674299
#1	.0061993	.0202979	56.33412	.4579498	.3100966	.6548197	581.5390
#2	.0061678	.0208498	56.32753	.4562500	.3092985	.6529510	582.3214
#3	.0061039	.0206710	56.34511	.4514575	.3132000	.6587580	581.9834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.75918	137.2319	.5809527	-.012361	4.129621	1.216962	.9505977
Stddev	.01444	.3600	.0030522	.000215	.117986	.006696	.0027213
%RSD	.0861627	.2623006	.5253755	1.737232	2.857054	.5502033	.2862749
#1	16.75877	136.8238	.5796381	-.012598	4.075673	1.209774	.9474613
#2	16.77382	137.3675	.5787782	-.012304	4.264936	1.223021	.9520000
#3	16.74495	137.5043	.5844420	-.012180	4.048254	1.218092	.9523320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.37565	8.629914	.2464440	-.002232	2.121618	1.137297	.0013786
Stddev	.10653	.053233	.0008415	.000800	.015119	.006259	.0002100
%RSD	.3891374	.6168478	.3414597	35.86044	.7125940	.5503794	15.23469
#1	27.34934	8.589977	.2473670	-.003058	2.126196	1.142518	.0012863
#2	27.28474	8.609414	.2457195	-.002178	2.104740	1.130358	.0016190
#3	27.49286	8.690349	.2462454	-.001460	2.133918	1.139015	.0012306

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-15 Acquired: 06/29/2024 9:32:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.841823	.4828099	1.025756
Stddev	.001390	.0034811	.004589
%RSD	.0754921	.7210037	.4473779
#1	1.840291	.4843420	1.022305
#2	1.843004	.4788255	1.023999
#3	1.842175	.4852621	1.030963

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.196	34883.42	5010.231	1145.032	2491.926
Stddev	14.053	118.40	34.150	3.755	13.851
%RSD	.6672407	.3394024	.6816140	.3279671	.5558448
#1	2121.160	34756.41	4989.336	1142.038	2503.669
#2	2104.152	34990.73	5049.640	1149.246	2495.459
#3	2093.277	34903.11	4991.717	1143.812	2476.651

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV091 Acquired: 06/29/2024 9:37:16 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV091 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.962960	4.825863	24.53416	4.732724	4.888264	402.4882	9.975414
Stddev	.030005	.024804	.09870	.010246	.002627	1.8340	.029254
%RSD	.6045770	.5139867	.4022986	.2165028	.0537483	.4556673	.2932580
#1	4.929125	4.810561	24.46682	4.736259	4.886543	402.2797	9.961424
#2	4.986333	4.812547	24.48821	4.740735	4.886960	404.4175	10.00903
#3	4.973424	4.854482	24.64746	4.721178	4.891288	400.7673	9.95578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5075004	2.485406	395.7975	15.34600	2.484291	14.64573	387.5061
Stddev	.0040554	.007484	1.3604	.04379	.009875	.11287	1.9507
%RSD	.7990934	.3011261	.3437047	.2853368	.3975018	.7706912	.5033992
#1	.5091966	2.477579	395.5327	15.31343	2.477066	14.65396	387.6510
#2	.5104323	2.486148	397.2708	15.39578	2.480263	14.75427	389.3803
#3	.5028723	2.492492	394.5890	15.32879	2.495543	14.52897	385.4870

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.84986	382.6422	2.488618	1.288407	402.0090	2.513914	14.34365
Stddev	.06021	1.5535	.007250	.004430	1.0441	.015982	.14190
%RSD	.4054326	.4059984	.2913353	.3438338	.2597088	.6357520	.9892966
#1	14.84268	382.8161	2.483413	1.285190	401.1703	2.524811	14.20798
#2	14.91334	384.1014	2.485542	1.293460	403.1784	2.521365	14.49106
#3	14.79357	381.0090	2.496899	1.286571	401.6783	2.495567	14.33190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.0899	4.991342	5.012629	4.829917	5.006759	5.081318	4.992113
Stddev	.6882	.028952	.036471	.005847	.037561	.038519	.012715
%RSD	.4525034	.5800439	.7275913	.1210509	.7502148	.7580609	.2547107
#1	152.1096	4.974775	5.011908	4.829252	4.981633	5.109474	4.986400
#2	152.7681	4.974479	5.049456	4.824432	4.988705	5.097058	4.983256
#3	151.3921	5.024773	4.976524	4.836068	5.049938	5.037421	5.006683

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV091 Acquired: 06/29/2024 9:37:16 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV091 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.779955	5.140222	4.911486
Stddev	.023395	.010863	.042262
%RSD	.4894327	.2113271	.8604792
#1	4.772840	5.141151	4.880245
#2	4.806081	5.150591	4.894640
#3	4.760943	5.128925	4.959574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1480.908	25994.01	3830.288	809.9511	2058.297
Stddev	1.556	76.34	14.953	2.5239	5.961
%RSD	.1050651	.2936705	.3903970	.3116081	.2896164
#1	1479.859	26081.50	3823.138	812.8643	2059.462
#2	1482.696	25940.94	3820.252	808.5659	2063.590
#3	1480.169	25959.60	3847.474	808.4232	2051.839

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB091 Acquired: 06/29/2024 9:41:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011249	.0016508	.0001953	.0003235	.0006068	.0110093
Stddev	.0025772	.0009601	.0018655	.0007915	.0013093	.0144344
%RSD	229.1036	58.15960	955.0548	244.6779	215.7512	131.1108
#1	.0034593	.0005512	-.001091	.0009007	.0016785	.0129072
#2	-.001641	.0020787	-.000658	.0006486	-.000852	.0244010
#3	.001556	.0023226	.002335	-.000579	.000995	-.004280

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016830	.0000569	.0000918	.0368124	.0006096	.0001010
Stddev	.0001174	.0000710	.0000334	.0052188	.0003759	.0001634
%RSD	6.975722	124.6626	36.34988	14.17672	61.66350	161.7899
#1	.0016173	.0001297	.0000540	.0321599	.0008169	.0001185
#2	.0016131	.0000531	.0001170	.0424555	.0001757	-.000070
#3	.0018185	-.000012	.0001046	.0358217	.0008363	.000255

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020706	.0251980	.0009365	.0120619	-.000077	-.000158
Stddev	.0047996	.0096769	.0005775	.0308188	.000094	.000578
%RSD	231.8035	38.40321	61.66577	255.5042	121.6624	365.0468
#1	.0048383	.0242888	.0015973	.0264100	-.000110	-.000774
#2	.0048449	.0352974	.0006838	.0330907	.000029	.000372
#3	-.003472	.0160079	.0005284	-.023315	-.000151	-.000072

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2136196	.0015615	.0007991	-.083785	-.000868	.0098813
Stddev	.0288971	.0041411	.0045728	.098036	.004833	.0008009
%RSD	13.52737	265.1995	572.2660	117.0096	556.9915	8.105155
#1	.2315952	.0043593	.0022315	.022491	.004447	.0104088
#2	.1802863	.0035208	.0044841	-.103157	-.002051	.0102754
#3	.2289772	-.003196	-.004318	-.170689	-.005000	.0089597

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB091 Acquired: 06/29/2024 9:41:36 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCB091 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006515	.0023873	.0010924	.0009849	.0004527	F .0339230
Stddev	.0003552	.0029440	.0005804	.0007695	.0006595	.0025018
%RSD	54.52239	123.3178	53.12744	78.12900	145.6818	7.374851
#1	.0002828	.0020755	.0005905	.0018058	.0002765	.0367739
#2	.0006801	.0054749	.0009588	.0008691	-.000101	.0320938
#3	.0009915	-.000388	.0017280	.0002799	.001182	.0329013

Elem	Sr4077
Units	ppm
Avg	.0001700
Stddev	.0001057
%RSD	62.15046
#1	.0000583
#2	.0002683
#3	.0001835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1828.404	30822.51	4054.567	1003.744	2880.891
Stddev	4.126	151.91	2.601	5.933	4.548
%RSD	.2256705	.4928404	.0641561	.5911312	.1578547
#1	1825.159	30980.98	4057.555	1010.592	2876.945
#2	1833.048	30808.40	4053.335	1000.494	2885.864
#3	1827.006	30678.15	4052.810	1000.145	2879.863

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-16 Acquired: 06/29/2024 9:46:09 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5W5 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.046905	-.047284	.6141805	-.168597	.0455988	235.8010	2.960736
Stddev	.003821	.002768	.0040487	.006442	.0059083	1.3353	.006690
%RSD	.3649577	5.854445	.6592025	3.821225	12.95707	.5662713	.2259721
#1	1.046619	-.048382	.6140208	-.162371	.0387822	236.9184	2.967654
#2	1.043236	-.049335	.6102140	-.168183	.0487666	236.1624	2.960255
#3	1.050861	-.044136	.6183066	-.175236	.0492476	234.3222	2.954299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078210	.0362490	71.58042	.5752825	.3920320	1.622087	683.9136
Stddev	.0000868	.0003116	.16964	.0029209	.0023566	.011373	2.7757
%RSD	1.109498	.8597268	.2369956	.5077393	.6011138	.7011213	.4058495
#1	.0078134	.0363154	71.77200	.5752264	.3924200	1.633714	686.4713
#2	.0079113	.0359095	71.51998	.5723900	.3895055	1.621559	684.3076
#3	.0077383	.0365221	71.44927	.5782311	.3941705	1.610987	680.9620

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16225	132.7494	.7251076	-.014214	2.524950	1.459800	1.582917
Stddev	.04510	.4259	.0034886	.000724	.054025	.003951	.012858
%RSD	.2974710	.3207953	.4811214	5.096855	2.139627	.2706520	.8123260
#1	15.19802	132.9666	.7242487	-.013822	2.561951	1.464289	1.588457
#2	15.17715	133.0229	.7221287	-.013770	2.549944	1.458259	1.592078
#3	15.11158	132.2588	.7289455	-.015050	2.462954	1.456852	1.568218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	30.86421	9.619993	.2824016	-.000732	1.845559	.9475250	.0052075
Stddev	.42535	.063632	.0025446	.000443	.020930	.0099285	.0022024
%RSD	1.378121	.6614535	.9010605	60.54407	1.134064	1.047835	42.29233
#1	31.23988	9.591660	.2794639	-.001242	1.827116	.9509456	.0026653
#2	30.95037	9.575448	.2839203	-.000454	1.841254	.9363384	.0064194
#3	30.40238	9.692870	.2838205	-.000499	1.868306	.9552909	.0065378

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-16 Acquired: 06/29/2024 9:46:09 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5W5 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.116061	.4609391	.3792010
Stddev	.010007	.0016962	.0045780
%RSD	.4729042	.3679900	1.207274
#1	2.124277	.4619796	.3820703
#2	2.118990	.4589818	.3816114
#3	2.104917	.4618560	.3739215

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.481	34245.77	4863.552	1111.860	2495.524
Stddev	5.642	222.52	25.771	9.181	6.019
%RSD	.2769066	.6497877	.5298826	.8257399	.2412003
#1	2039.297	34246.46	4836.726	1105.013	2494.841
#2	2041.992	34022.91	4865.809	1108.273	2501.856
#3	2031.155	34467.96	4888.120	1122.293	2489.876

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-17 Acquired: 06/29/2024 9:50:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5877969	-.012315	.2697061	-.147076	.0273541	143.2422
Stddev	.0054937	.003477	.0012358	.006010	.0044101	1.1688
%RSD	.9346173	28.23164	.4581888	4.086451	16.12226	.8159552
#1	.5900225	-.014049	.2686106	-.142536	.0270871	142.2491
#2	.5918285	-.014583	.2710457	-.144799	.0230835	144.5302
#3	.5815396	-.008312	.2694622	-.153892	.0318915	142.9472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.559114	.0046558	.0186778	110.1571	.3026425	.3032915
Stddev	.019760	.0002121	.0003710	.4161	.0012492	.0011475
%RSD	.3554448	4.555537	1.986157	.3777091	.4127808	.3783345
#1	5.556084	.0046477	.0182826	109.9558	.3040701	.3021801
#2	5.580214	.0044479	.0187323	110.6355	.3017493	.3044719
#3	5.541045	.0048718	.0190185	109.8799	.3021082	.3032225

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5819409	576.8397	F 56.49547	93.91679	.4192970	-.013956
Stddev	.0112354	3.3751	.26738	.43979	.0033005	.000541
%RSD	1.930683	.5851032	.4732784	.4682794	.7871555	3.874368
#1	.5712293	574.1914	56.27824	93.72203	.4173340	-.013856
#2	.5936356	580.6400	56.79409	94.42033	.4231075	-.013473
#3	.5809577	575.6876	56.41409	93.60800	.4174495	-.014540

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.528687	.8336891	.9480882	25.95263	7.162239	.2467287
Stddev	.119735	.0063030	.0149291	.40046	.043676	.0057473
%RSD	4.735062	.7560394	1.574653	1.543033	.6098107	2.329389
#1	2.566385	.8346899	.9402107	25.50453	7.138842	.2402759
#2	2.394640	.8394318	.9653061	26.27552	7.212629	.2486127
#3	2.625037	.8269456	.9387478	26.07784	7.135245	.2512975

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-17 Acquired: 06/29/2024 9:50:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003368	.7958496	1.011654	-.003200	1.263225	.3553116
Stddev	.001316	.0134639	.009268	.000532	.012374	.0008404
%RSD	39.07519	1.691766	.9161582	16.62411	.9795641	.2365218
#1	-.004812	.7908064	1.001321	-.003031	1.250177	.3562804
#2	-.002237	.8111070	1.019232	-.002773	1.274792	.3548747
#3	-.003054	.7856353	1.014410	-.003796	1.264706	.3547796

Elem	Sr4077
Units	ppm
Avg	.5945538
Stddev	.0081564
%RSD	1.371848
#1	.5865115
#2	.6028197
#3	.5943303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.065	34103.30	4824.573	1108.419	2499.937
Stddev	12.474	191.41	34.401	3.154	15.761
%RSD	.6162782	.5612656	.7130361	.2845130	.6304406
#1	2032.892	33891.08	4858.605	1105.632	2511.962
#2	2009.794	34155.93	4789.814	1107.783	2482.095
#3	2029.508	34262.88	4825.299	1111.842	2505.756

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-18 Acquired: 06/29/2024 9:54:46 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5X0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1110294	-.016116	.1568076	-.059474	.0112898	86.69237	.8415236
Stddev	.0040897	.002302	.0017109	.001817	.0006806	2.37508	.0178879
%RSD	3.683392	14.28716	1.091104	3.054867	6.028773	2.739666	2.125656
#1	.1155267	-.018370	.1581828	-.060267	.0108681	87.30210	.8417833
#2	.1075334	-.016209	.1573485	-.057396	.0109263	84.07187	.8235073
#3	.1100282	-.013768	.1548916	-.060761	.0120750	88.70315	.8592803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037863	.0067151	62.02426	.1939240	.1248622	.2783077	236.6534
Stddev	.0002042	.0003996	1.32081	.0045114	.0007288	.0137239	5.8025
%RSD	5.393344	5.951375	2.129503	2.326354	.5836475	4.931212	2.451887
#1	.0036321	.0065622	62.28114	.1887591	.1241106	.2868178	238.0451
#2	.0037089	.0071686	60.59388	.1970939	.1249101	.2624756	230.2817
#3	.0040179	.0064144	63.19776	.1959189	.1255657	.2856299	241.6335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.084931	49.29504	.2278243	-.004863	2.437408	.4630043	.6529745
Stddev	.076326	1.24910	.0012866	.001192	.184738	.0120396	.0162823
%RSD	1.868485	2.533933	.5647217	24.50965	7.579296	2.600310	2.493554
#1	4.116429	49.46196	.2266502	-.003883	2.321042	.4622375	.6348645
#2	3.997897	47.97087	.2276232	-.006190	2.650422	.4513665	.6576550
#3	4.140467	50.45229	.2291996	-.004516	2.340761	.4754090	.6664038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.52520	7.842769	.1083595	-.000107	.8436192	1.311055	-.004370
Stddev	.33741	.046317	.0046689	.000629	.0059910	.027796	.001741
%RSD	2.693857	.5905680	4.308763	590.6983	.7101515	2.120116	39.84094
#1	12.56207	7.802030	.1086739	.000366	.8500842	1.302432	-.004858
#2	12.17086	7.833130	.1035413	-.000821	.8425185	1.288593	-.005815
#3	12.84265	7.893147	.1128633	.000136	.8382549	1.342141	-.002437

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-18 Acquired: 06/29/2024 9:54:46 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5X0 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.929273	.1435583	.2173628
Stddev	.051494	.0006717	.0060948
%RSD	2.669107	.4678986	2.803954
#1	1.939902	.1428040	.2198962
#2	1.873293	.1437788	.2104099
#3	1.974623	.1440920	.2217822

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.983	33408.45	4610.989	1094.390	2632.558
Stddev	3.372	422.14	77.914	12.751	5.326
%RSD	.1698624	1.263586	1.689750	1.165117	.2022946
#1	1988.414	33839.29	4579.439	1108.015	2636.700
#2	1984.860	32995.57	4699.730	1082.745	2634.424
#3	1981.674	33390.49	4553.798	1092.409	2626.551

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-19 Acquired: 06/29/2024 9:59:07 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5X2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1775170	-.013668	.2286225	-.053494	.0137796	88.89140	1.079617
Stddev	.0131801	.002213	.0031306	.004006	.0014920	.52369	.003721
%RSD	7.424710	16.18945	1.369330	7.488194	10.82774	.5891392	.3446300
#1	.1673289	-.016079	.2260123	-.056935	.0127739	88.28738	1.075401
#2	.1728199	-.013197	.2320935	-.049097	.0130711	89.21842	1.081010
#3	.1924023	-.011729	.2277618	-.054450	.0154939	89.16839	1.082440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048064	.0070278	37.98859	.1224117	.1125694	.2456283	218.8680
Stddev	.0001340	.0002063	.13989	.0003511	.0001713	.0006329	.9857
%RSD	2.787583	2.934769	.3682347	.2868205	.1522115	.2576640	.4503504
#1	.0047503	.0072653	37.85240	.1221961	.1124114	.2458649	217.7353
#2	.0047096	.0069241	37.98148	.1222221	.1127515	.2461088	219.3377
#3	.0049593	.0068939	38.13190	.1228168	.1125452	.2449112	219.5310

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.123670	38.42643	.1305967	-.005301	1.944192	.3565310	.6610944
Stddev	.018038	.22099	.0009380	.000607	.182578	.0043782	.0080168
%RSD	.3520496	.5750913	.7182569	11.45292	9.390943	1.227994	1.212662
#1	5.103087	38.27649	.1315459	-.006002	2.049825	.3515579	.6668348
#2	5.131202	38.32260	.1296702	-.004962	2.049383	.3582307	.6645134
#3	5.136721	38.68022	.1305741	-.004939	1.733370	.3598045	.6519348

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.43477	5.299620	.0997401	.0000746	.7092323	.8306028	-.000953
Stddev	.16280	.006098	.0008354	.0005042	.0045077	.0073916	.000677
%RSD	.9905855	.1150699	.8375809	676.2615	.6355778	.8899078	71.03805
#1	16.24689	5.293416	.0995820	.0000672	.7144354	.8288346	-.000392
#2	16.52321	5.299840	.1006433	-.000426	.7065070	.8242556	-.000762
#3	16.53422	5.305606	.0989951	.000582	.7067544	.8387181	-.001705

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-19 Acquired: 06/29/2024 9:59:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.411617	.1341606	.2093364
Stddev	.012412	.0022826	.0023187
%RSD	.8792405	1.701383	1.107659
#1	1.397806	.1315274	.2066815
#2	1.421838	.1353775	.2103636
#3	1.415205	.1355768	.2109641

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2069.315	34323.79	4756.788	1127.665	2727.571
Stddev	3.305	111.73	29.105	3.565	3.164
%RSD	.1597358	.3255138	.6118613	.3161534	.1160180
#1	2068.419	34205.54	4760.638	1124.640	2724.083
#2	2072.977	34338.25	4783.776	1126.759	2730.258
#3	2066.551	34427.59	4725.950	1131.596	2728.373

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-20 Acquired: 06/29/2024 10:03:31 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5X3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1886071	-.024188	.2280911	-.073933	.0150993	134.7592	1.564032
Stddev	.0118068	.003943	.0043789	.001578	.0013601	.9124	.007684
%RSD	6.260001	16.30104	1.919792	2.134383	9.007594	.6770499	.4912963
#1	.1797290	-.020350	.2285534	-.072720	.0135300	135.4636	1.571927
#2	.1840860	-.028228	.2234994	-.073364	.0159380	135.0854	1.563591
#3	.2020063	-.023985	.2322204	-.075717	.0158298	133.7285	1.556578

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071278	.0121490	49.33977	.1826142	.1954788	.3331885	332.0437
Stddev	.0000918	.0004745	.20266	.0006095	.0027146	.0042919	2.0888
%RSD	1.287690	3.905817	.4107359	.3337790	1.388685	1.288118	.6290814
#1	.0070534	.0117105	49.54003	.1833158	.1943513	.3337428	333.7287
#2	.0072303	.0120838	49.34448	.1822148	.1935098	.3371763	332.6957
#3	.0070995	.0126528	49.13480	.1823120	.1985755	.3286464	329.7066

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.969038	64.41788	.2470302	-.007270	2.639884	.5173168	.8004349
Stddev	.044271	.41664	.0028122	.000400	.034955	.0052956	.0083201
%RSD	.5555421	.6467773	1.138387	5.504025	1.324111	1.023675	1.039443
#1	8.009986	64.71357	.2460219	-.007223	2.602761	.5230401	.8093917
#2	7.975066	64.59869	.2448611	-.006896	2.672166	.5163196	.7989654
#3	7.922061	63.94138	.2502075	-.007692	2.644724	.5125906	.7929474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.76400	9.112628	.1366535	-.000246	.7944151	1.064882	-.002098
Stddev	.19091	.145125	.0028800	.000558	.0071266	.010615	.000897
%RSD	.8033712	1.592567	2.107539	227.0495	.8970838	.9968003	42.76645
#1	23.91795	9.059335	.1396892	.000397	.7871048	1.070314	-.002775
#2	23.82368	9.001685	.1363116	-.000521	.7947979	1.071682	-.002440
#3	23.55038	9.276865	.1339597	-.000613	.8013425	1.052651	-.001080

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-20 Acquired: 06/29/2024 10:03:31 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5X3 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.271151	.2664141	.2799841
Stddev	.015644	.0015262	.0023375
%RSD	.6887985	.5728562	.8348721
#1	2.280944	.2681649	.2812946
#2	2.279400	.2657125	.2813723
#3	2.253110	.2653649	.2772854

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.793	35708.42	5034.403	1177.111	2580.849
Stddev	19.869	175.09	27.273	3.048	29.549
%RSD	.9298404	.4903390	.5417422	.2589425	1.144935
#1	2143.559	35895.88	5009.111	1180.626	2590.790
#2	2152.394	35549.10	5030.798	1175.194	2604.145
#3	2114.424	35680.29	5063.300	1175.513	2547.611

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2830-01 Acquired: 06/29/2024 10:07:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3511285	-.013248	.3924115	-.051706	.0105199	83.62994
Stddev	.0076628	.001742	.0043815	.010794	.0020085	.94657
%RSD	2.182321	13.15261	1.116558	20.87479	19.09210	1.131851
#1	.3557342	-.014431	.3873642	-.047739	.0127622	84.52306
#2	.3553684	-.014067	.3952376	-.043457	.0099117	83.72904
#3	.3422828	-.011247	.3946326	-.063922	.0088858	82.63772

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.013514	.0037423	.0122951	43.12287	.0823083	.1229554
Stddev	.008750	.0001018	.0000628	.38368	.0003444	.0008687
%RSD	.8633121	2.719131	.5104295	.8897394	.4184493	.7065105
#1	1.021557	.0037260	.0122448	43.47928	.0826613	.1230650
#2	1.014788	.0038513	.0122750	43.17255	.0819732	.1220371
#3	1.004197	.0036497	.0123654	42.71676	.0822903	.1237641

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4825515	221.4900	5.812893	43.52972	.1421365	-.002732
Stddev	.0012513	2.4957	.055628	.51979	.0004735	.000472
%RSD	.2593062	1.126761	.9569806	1.194102	.3331423	17.27422
#1	.4829207	223.8713	5.867851	44.08702	.1422028	-.002255
#2	.4811572	221.7048	5.814208	43.44406	.1416333	-.003199
#3	.4835766	218.8939	5.756618	43.05809	.1425733	-.002742

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.287529	.3591553	1.235142	23.68351	F 10.73003	.0948407
Stddev	.173561	.0025896	.011079	.21610	.04209	.0014848
%RSD	13.48017	.7210244	.8970155	.9124447	.3923031	1.565601
#1	1.463988	.3609857	1.247024	23.86839	10.69973	.0958595
#2	1.281580	.3602878	1.225094	23.73620	10.71227	.0955256
#3	1.117019	.3561924	1.233307	23.44594	10.77810	.0931371

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2830-01 Acquired: 06/29/2024 10:07:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007476	1.600394	1.347732	-.001928	1.096631	.1427933
Stddev	.0005049	.005633	.016588	.000679	.012662	.0005318
%RSD	67.54061	.3519641	1.230799	35.22022	1.154672	.3724100
#1	.0003575	1.596380	1.366277	-.002427	1.107533	.1430984
#2	.0005673	1.597970	1.334312	-.002203	1.099618	.1431022
#3	.0013178	1.606833	1.342605	-.001155	1.082742	.1421793

Elem	Sr4077
Units	ppm
Avg	.1496888
Stddev	.0017826
%RSD	1.190882
#1	.1514599
#2	.1497118
#3	.1478948

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.041	33375.33	4698.796	1085.556	2619.898
Stddev	4.101	119.05	31.285	2.365	4.371
%RSD	.2059816	.3567079	.6657986	.2178818	.1668266
#1	1986.840	33273.21	4664.483	1083.199	2620.852
#2	1995.035	33346.69	4706.169	1087.929	2623.712
#3	1991.247	33506.09	4725.735	1085.540	2615.129

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2830-02 Acquired: 06/29/2024 10:12:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3750982	-.013095	.4112469	-.049040	.0093773	86.72832
Stddev	.0061218	.003670	.0035049	.002756	.0009581	2.35971
%RSD	1.632058	28.02853	.8522685	5.620105	10.21668	2.720807
#1	.3761665	-.015092	.4140653	-.047279	.0097273	87.38988
#2	.3685125	-.008859	.4123530	-.047624	.0101112	84.10844
#3	.3806155	-.015335	.4073223	-.052216	.0082935	88.68665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.044570	.0038508	.0126666	43.62884	.0850764	.1282088
Stddev	.027400	.0001811	.0001940	1.10587	.0009174	.0008006
%RSD	2.623097	4.702125	1.531895	2.534732	1.078307	.6244203
#1	1.050759	.0039219	.0126128	43.87610	.0840444	.1291314
#2	1.014605	.0036450	.0128819	42.42026	.0857994	.1277984
#3	1.068346	.0039856	.0125051	44.59015	.0853853	.1276967

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5019298	228.9698	6.008114	45.18720	.1467590	-.002966
Stddev	.0159581	6.2291	.157642	1.32072	.0009346	.000527
%RSD	3.179347	2.720499	2.623814	2.922766	.6368392	17.75118
#1	.5083975	231.2253	6.055313	45.65557	.1477952	-.002772
#2	.4837531	221.9271	5.832264	43.69613	.1459798	-.003562
#3	.5136387	233.7569	6.136764	46.20990	.1465020	-.002564

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.244082	.3701193	1.179123	24.47073	F 11.27652	.0964289
Stddev	.175658	.0093799	.010120	.69286	.07256	.0060071
%RSD	14.11949	2.534299	.8582960	2.831368	.6434228	6.229533
#1	1.325920	.3732863	1.187293	24.62741	11.36015	.0979411
#2	1.363889	.3595658	1.182273	23.71296	11.23904	.0898103
#3	1.042438	.3775058	1.167802	25.07184	11.23038	.1015355

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2830-02 Acquired: 06/29/2024 10:12:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001986	1.581041	1.417585	-.001817	1.102309	.1430018
Stddev	.0004012	.022107	.025500	.000372	.028042	.0043312
%RSD	202.0714	1.398272	1.798867	20.48356	2.543958	3.028791
#1	.0005899	1.591139	1.424453	-.002241	1.111995	.1428664
#2	-.000212	1.555688	1.389354	-.001541	1.070708	.1387398
#3	.000218	1.596296	1.438948	-.001670	1.124225	.1473991

Elem	Sr4077
Units	ppm
Avg	.1535033
Stddev	.0043826
%RSD	2.855072
#1	.1549301
#2	.1485850
#3	.1569947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.376	33672.19	4689.976	1097.046	2617.201
Stddev	10.282	333.59	98.822	6.638	16.625
%RSD	.5150551	.9907091	2.107087	.6050942	.6352268
#1	1984.507	33984.89	4662.053	1096.681	2598.280
#2	2002.013	33321.04	4799.755	1090.599	2629.470
#3	2002.606	33710.64	4608.121	1103.860	2623.853

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2830-01LX5 Acquired: 06/29/2024 10:16:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678540	-.003455	.0771209	-.011538	.0027796	18.09367	.2215917
Stddev	.0029850	.000433	.0012583	.002215	.0030435	.08820	.0002410
%RSD	4.399089	12.53892	1.631610	19.19751	109.4912	.4874466	.1087454
#1	.0648163	-.003583	.0783478	-.013666	.0061995	18.18867	.2217040
#2	.0679625	-.002973	.0771814	-.011702	.0003690	18.07795	.2217560
#3	.0707833	-.003811	.0758334	-.009245	.0017704	18.01439	.2213151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009198	.0020334	9.447783	.0177747	.0235840	.1115885	49.49504
Stddev	.0001127	.0001708	.018452	.0007476	.0003235	.0044092	.18596
%RSD	12.25468	8.397421	.1953093	4.205947	1.371786	3.951313	.3757097
#1	.0010499	.0021765	9.463049	.0177885	.0239322	.1114636	49.70725
#2	.0008506	.0018444	9.427278	.0170203	.0232927	.1160589	49.41730
#3	.0008589	.0020794	9.453024	.0185153	.0235272	.1072431	49.36056

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.298561	9.483542	.0273798	-.000619	.5911127	.0806725	.2578395
Stddev	.005033	.032404	.0001224	.000296	.0979101	.0017816	.0057519
%RSD	.3875726	.3416820	.4469700	47.78987	16.56370	2.208441	2.230791
#1	1.301114	9.456966	.0274984	-.000941	.5809576	.0792291	.2643529
#2	1.292763	9.519639	.0273869	-.000359	.6937045	.0826637	.2534579
#3	1.301805	9.474020	.0272540	-.000557	.4986759	.0801249	.2557077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.799842	2.073637	.0226596	.0000776	.3071516	.3086117	.0008865
Stddev	.076859	.003441	.0006335	.0002099	.0078533	.0011183	.0009573
%RSD	1.601290	.1659280	2.795863	270.4616	2.556821	.3623743	107.9876
#1	4.885984	2.075235	.0226004	.0001315	.3056686	.3073928	.0014901
#2	4.775267	2.069688	.0220577	-.000154	.3001456	.3095905	.0013867
#3	4.738275	2.075988	.0233206	.000255	.3156407	.3088517	-.000217

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2830-01LX5 Acquired: 06/29/2024 10:16:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2417709	.0483659	.0330918
Stddev	.0027264	.0027194	.0002004
%RSD	1.127691	5.622452	.6054645
#1	.2397724	.0488396	.0332870
#2	.2448768	.0454408	.0331017
#3	.2406636	.0508173	.0328867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.799	31333.02	4213.022	1020.788	2794.298
Stddev	5.270	203.36	18.790	4.551	8.229
%RSD	.2818724	.6490304	.4459898	.4458168	.2944840
#1	1864.198	31169.10	4191.550	1016.848	2786.123
#2	1874.661	31560.60	4221.060	1025.769	2802.580
#3	1870.536	31269.36	4226.455	1019.747	2794.191

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2830-03 Acquired: 06/29/2024 10:21:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4684416	.0746253	.4353089	.0145868	.1172781	95.46455
Stddev	.0082771	.0002423	.0016246	.0014430	.0022496	1.59974
%RSD	1.766949	.3247068	.3732149	9.892709	1.918160	1.675738
#1	.4592673	.0744833	.4353371	.0158546	.1197846	93.62235
#2	.4753493	.0749050	.4336703	.0148891	.1154343	96.50346
#3	.4707083	.0744874	.4369193	.0130165	.1166153	96.26784

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.313235	.0901521	.1055540	41.38127	.4460583	1.024531
Stddev	.073044	.0021452	.0003051	.64649	.0011247	.001409
%RSD	1.693497	2.379519	.2890215	1.562282	.2521395	.1375744
#1	4.232855	.0877043	.1058793	40.67690	.4471759	1.024137
#2	4.375557	.0910475	.1055083	41.94757	.4460724	1.023361
#3	4.331294	.0917046	.1052743	41.51935	.4449266	1.026096

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9071835	243.2085	6.915696	46.25052	1.054561	.0636871
Stddev	.0170516	3.6987	.105685	.72077	.002620	.0001548
%RSD	1.879621	1.520801	1.528195	1.558412	.2484618	.2430420
#1	.8874943	239.0433	6.795781	45.41994	1.053672	.0636664
#2	.9169396	246.1088	6.995266	46.71186	1.052500	.0635437
#3	.9171167	244.4733	6.956040	46.61975	1.057509	.0638512

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825638	1.163541	1.888381	25.96088	F 11.38205	.1045824
Stddev	.211635	.021276	.026886	.39275	.03773	.0057785
%RSD	11.59238	1.828529	1.423734	1.512854	.3314657	5.525295
#1	1.766451	1.138990	1.919048	25.50904	11.34035	.0980284
#2	1.649897	1.175047	1.868865	26.22054	11.39199	.1089434
#3	2.060565	1.176585	1.877231	26.15304	11.41382	.1067754

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2830-03 Acquired: 06/29/2024 10:21:05 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD573S Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4426576	1.764187	1.890967	-.002194	1.323409	.1558293
Stddev	.0006925	.016376	.041093	.002314	.019725	.0030803
%RSD	.1564416	.9282404	2.173125	105.4400	1.490444	1.976724
#1	.4421527	1.762163	1.847302	-.002800	1.301814	.1523186
#2	.4434471	1.781480	1.896714	-.004145	1.340477	.1580791
#3	.4423731	1.748917	1.928884	.000362	1.327935	.1570903

Elem	Sr4077
Units	ppm
Avg	.1489718
Stddev	.0026571
%RSD	1.783606
#1	.1459043
#2	.1505563
#3	.1504548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.937	34208.22	4729.484	1116.320	2663.549
Stddev	4.279	183.65	75.481	4.283	2.961
%RSD	.2087364	.5368573	1.595972	.3836973	.1111669
#1	2054.423	34108.78	4816.608	1111.970	2666.237
#2	2045.900	34095.74	4683.836	1116.455	2664.034
#3	2049.488	34420.15	4688.006	1120.534	2660.375

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-01 Acquired: 06/29/2024 10:25:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.349942	-.036805	.1047544	-.125523	.0217687	147.7711	1.265692
Stddev	.002929	.001621	.0017209	.007869	.0039416	4.0565	.029052
%RSD	.2169444	4.405628	1.642810	6.269229	18.10688	2.745132	2.295306
#1	1.348731	-.038593	.1035385	-.116573	.0263166	152.4530	1.299063
#2	1.347813	-.036392	.1040012	-.131358	.0196509	145.3062	1.251975
#3	1.353282	-.035430	.1067235	-.128637	.0193387	145.5541	1.246040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039711	.0133195	41.96645	.5453899	.3469242	.7983432	529.5609
Stddev	.0001636	.0005709	.94600	.0083571	.0007216	.0242372	13.8431
%RSD	4.120189	4.285999	2.254188	1.532324	.2079873	3.035936	2.614073
#1	.0037838	.0126647	43.05863	.5392596	.3477230	.8263293	545.5386
#2	.0040430	.0135808	41.43666	.5549092	.3463196	.7841825	521.1643
#3	.0040863	.0137129	41.40405	.5420009	.3467299	.7845179	521.9797

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.36145	96.82611	.5089581	-.012646	1.848394	1.311135	.7806593
Stddev	.31379	2.48216	.0014738	.002200	.271231	.034943	.0061050
%RSD	2.538455	2.563523	.2895654	17.39364	14.67388	2.665123	.7820297
#1	12.72362	99.69210	.5105285	-.010214	2.161511	1.351312	.7828643
#2	12.17106	95.36734	.5087406	-.014496	1.697722	1.294269	.7853554
#3	12.18966	95.41888	.5076052	-.013229	1.685948	1.287824	.7737581

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.18897	6.743278	.2250459	-.002481	.8683604	1.853677	.0010508
Stddev	.63381	.021917	.0125027	.000488	.0135274	.020984	.0012652
%RSD	2.991240	.3250133	5.555618	19.67485	1.557806	1.132026	120.4071
#1	21.91718	6.731177	.2394196	-.001923	.8609451	1.875335	.0005571
#2	20.76162	6.730080	.2190280	-.002695	.8601622	1.833439	.0001069
#3	20.88811	6.768577	.2166902	-.002826	.8839739	1.852255	.0024885

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-01 Acquired: 06/29/2024 10:25:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8851168	.2617664	.2082513
Stddev	.0237168	.0031477	.0067322
%RSD	2.679507	1.202496	3.232748
#1	.9124582	.2653467	.2159899
#2	.8700975	.2605184	.2037432
#3	.8727946	.2594340	.2050207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1951.758	32255.33	4526.284	1049.643	2565.871
Stddev	4.121	447.13	66.309	14.377	2.412
%RSD	.2111228	1.386231	1.464981	1.369670	.0940179
#1	1953.799	32478.93	4451.746	1051.187	2563.110
#2	1954.459	31740.51	4578.716	1034.557	2567.569
#3	1947.015	32546.56	4548.391	1063.185	2566.934

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-02 Acquired: 06/29/2024 10:29:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.451456	-.037093	.1080989	-.133116	.0253063	151.7203	1.344255
Stddev	.009878	.003301	.0009436	.007224	.0018131	.4564	.003817
%RSD	.6805813	8.898997	.8728630	5.426633	7.164439	.3008180	.2839779
#1	1.440057	-.039801	.1084235	-.129034	.0255363	152.1279	1.346640
#2	1.456800	-.033416	.1088372	-.128858	.0233892	151.2272	1.339852
#3	1.457512	-.038060	.1070358	-.141456	.0269934	151.8058	1.346273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037794	.0146604	43.09550	.5596700	.3635786	.8252717	541.1342
Stddev	.0001322	.0001215	.07896	.0006207	.0008663	.0044277	1.8876
%RSD	3.497118	.8284698	.1832302	.1109103	.2382815	.5365162	.3488165
#1	.0036292	.0145282	43.11803	.5589862	.3625822	.8221561	542.2082
#2	.0038308	.0146861	43.00772	.5598258	.3639991	.8303401	538.9547
#3	.0038781	.0147670	43.16075	.5601980	.3641544	.8233188	542.2398

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.94737	98.95876	.5293778	-.014454	1.936826	1.360002	.7448362
Stddev	.02807	.35265	.0018774	.000856	.213972	.003836	.0096039
%RSD	.2167841	.3563577	.3546485	5.919079	11.04754	.2820359	1.289399
#1	12.96642	99.34008	.5275212	-.014889	1.689952	1.358474	.7350020
#2	12.91513	98.64439	.5312754	-.015005	2.068847	1.357166	.7541920
#3	12.96055	98.89182	.5293369	-.013468	2.051680	1.364366	.7453145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.08977	7.216100	.2358685	-.002391	.9592243	2.005086	.0003859
Stddev	.17271	.029275	.0030263	.000451	.0146616	.027495	.0010490
%RSD	.8189288	.4056920	1.283049	18.87866	1.528483	1.371277	271.8142
#1	21.14504	7.183184	.2393590	-.002410	.9455865	2.020408	.0002054
#2	20.89619	7.225896	.2342677	-.002833	.9573558	1.973343	-.000561
#3	21.22809	7.239222	.2339789	-.001930	.9747305	2.021506	.001514

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-02 Acquired: 06/29/2024 10:29:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9005081	.2705487	.2109940
Stddev	.0015695	.0009563	.0017892
%RSD	.1742846	.3534585	.8479677
#1	.9019717	.2713397	.2120208
#2	.9007019	.2708205	.2089281
#3	.8988508	.2694860	.2120332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.343	32645.45	4608.855	1063.485	2561.032
Stddev	7.018	136.37	44.200	5.182	12.115
%RSD	.3578224	.4177155	.9590320	.4872747	.4730608
#1	1967.794	32715.82	4587.233	1064.358	2573.442
#2	1962.365	32488.28	4659.704	1057.922	2560.419
#3	1953.870	32732.26	4579.628	1068.176	2549.235

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-01LX5 Acquired: 06/29/2024 10:34:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2707095	-.005373	.0201071	-.031463	.0019337	31.85160	.2812186
Stddev	.0032104	.002254	.0002973	.003185	.0017683	.03073	.0010187
%RSD	1.185918	41.95714	1.478757	10.12202	91.44343	.0964828	.3622304
#1	.2741964	-.006226	.0203258	-.028289	.0000207	31.85335	.2821541
#2	.2678762	-.002816	.0202269	-.031441	.0035083	31.82003	.2801334
#3	.2700559	-.007076	.0197685	-.034659	.0022723	31.88142	.2813683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008575	.0020526	9.365278	.1219516	.0711230	.1822776	120.1869
Stddev	.0001127	.0002146	.055411	.0014619	.0006622	.0027149	.3349
%RSD	13.14293	10.45622	.5916600	1.198715	.9310819	1.489429	.2786165
#1	.0007276	.0022760	9.375499	.1229662	.0703901	.1823486	120.3743
#2	.0009148	.0020339	9.305468	.1226127	.0713009	.1795279	119.8003
#3	.0009300	.0018480	9.414866	.1202760	.0716782	.1849563	120.3861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.814062	20.97420	.1051415	-.002352	.7539695	.2928447	.1698451
Stddev	.005907	.00912	.0007096	.000310	.0345604	.0029255	.0034671
%RSD	.2099047	.0434641	.6749220	13.17188	4.583798	.9989776	2.041353
#1	2.817261	20.98366	.1048894	-.002093	.7461727	.2897612	.1683435
#2	2.807245	20.97346	.1045924	-.002269	.7239734	.2955811	.1738099
#3	2.817679	20.96547	.1059428	-.002696	.7917623	.2931919	.1673818

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.151065	1.363457	.0537701	-.000560	.1667811	.4279263	.0013995
Stddev	.086327	.002171	.0011236	.000340	.0040276	.0054207	.0011929
%RSD	2.079633	.1592058	2.089548	60.74049	2.414918	1.266740	85.24167
#1	4.141667	1.365101	.0547511	-.000793	.1688530	.4245268	.0002992
#2	4.241706	1.360996	.0525443	-.000170	.1693510	.4250744	.0012318
#3	4.069821	1.364273	.0540148	-.000718	.1621393	.4341776	.0026674

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2831-01LX5 Acquired: 06/29/2024 10:34:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1982140	.0743014	.0464619
Stddev	.0003920	.0015575	.0002265
%RSD	.1977653	2.096144	.4875345
#1	.1979798	.0754948	.0465255
#2	.1986666	.0725395	.0462104
#3	.1979957	.0748699	.0466498

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.972	30924.64	4214.356	1011.429	2730.473
Stddev	2.198	254.17	15.656	12.346	4.516
%RSD	.1185389	.8219141	.3714849	1.220669	.1653967
#1	1855.808	30828.41	4197.267	1006.631	2730.290
#2	1854.572	30732.63	4217.794	1002.201	2735.077
#3	1851.537	31212.87	4228.006	1025.453	2726.051

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-03 Acquired: 06/29/2024 10:38:31 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5C5S Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.002912	.0459817	.1977053	-.087603	.1435214	174.1193	5.072071
Stddev	.008824	.0054532	.0073144	.008709	.0023933	.6043	.005252
%RSD	.4405664	11.85961	3.699644	9.941353	1.667530	.3470706	.1035443
#1	2.001469	.0467399	.1932049	-.077733	.1440182	174.5218	5.068755
#2	2.012368	.0401890	.2061450	-.094207	.1409187	173.4244	5.069332
#3	1.994898	.0510162	.1937660	-.090867	.1456272	174.4118	5.078126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902120	.1157132	52.16997	1.023611	1.413645	1.532223	644.4591
Stddev	.0008557	.0007016	.09846	.002846	.005868	.003967	2.1809
%RSD	.9485931	.6063362	.1887359	.2780819	.4151090	.2588848	.3384153
#1	.0911596	.1150528	52.18115	1.026889	1.408475	1.536385	645.9279
#2	.0899809	.1164498	52.06639	1.021757	1.420023	1.528487	641.9531
#3	.0894956	.1156369	52.26237	1.022187	1.412436	1.531796	645.4963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.13901	106.8690	1.577160	.0571454	2.420241	2.453337	1.678009
Stddev	.04759	.3790	.006274	.0006067	.114022	.020982	.004559
%RSD	.2776915	.3546673	.3978228	1.061590	4.711165	.8552474	.2717131
#1	17.15196	106.9946	1.572503	.0567246	2.483691	2.476478	1.672899
#2	17.08628	106.4431	1.584295	.0568709	2.488424	2.435553	1.681660
#3	17.17879	107.1693	1.574682	.0578408	2.288609	2.447980	1.679468

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.85014	9.462190	.2450652	.4470313	1.664560	2.844604	.0007942
Stddev	.11472	.026280	.0068822	.0030414	.012783	.012429	.0012194
%RSD	.4809855	.2777360	2.808302	.6803659	.7679751	.4369387	153.5488
#1	23.76208	9.453963	.2530037	.4458994	1.649973	2.856657	.0018843
#2	23.80847	9.491599	.2414106	.4504765	1.673811	2.831830	.0010209
#3	23.97987	9.441008	.2407813	.4447182	1.669896	2.845326	-.000523

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-03 Acquired: 06/29/2024 10:38:31 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5C5S Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.272636	.2834231	.2612566
Stddev	.003816	.0009454	.0012884
%RSD	.2998224	.3335774	.4931453
#1	1.276125	.2823878	.2621448
#2	1.268561	.2836408	.2597789
#3	1.273222	.2842407	.2618460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1984.501	33551.90	4752.158	1092.241	2514.394
Stddev	7.038	191.49	28.527	5.969	8.387
%RSD	.3546249	.5707402	.6002936	.5464578	.3335594
#1	1987.404	33725.23	4741.981	1098.306	2520.206
#2	1976.476	33584.15	4784.377	1092.041	2504.779
#3	1989.622	33346.33	4730.115	1086.374	2518.196

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2832-01 Acquired: 06/29/2024 10:42:46 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD5E3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3461379	-.016287	.6031018	-.063241	.0148690	136.1261
Stddev	.0027267	.002661	.0014092	.000098	.0013234	.8474
%RSD	.7877416	16.33634	.2336606	.1546745	8.900375	.6225415
#1	.3484863	-.015796	.6031283	-.063318	.0139782	136.9276
#2	.3431475	-.019160	.6016795	-.063131	.0163897	135.2392
#3	.3467797	-.013906	.6044976	-.063274	.0142392	136.2115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.234400	.0047191	.0124973	121.7386	.4357271	.2475754
Stddev	.005466	.0001071	.0002520	.6168	.0122597	.0007830
%RSD	.4428095	2.268766	2.016077	.5066590	2.813609	.3162534
#1	1.240061	.0047292	.0122073	122.4253	.4498697	.2479479
#2	1.229152	.0048207	.0126218	121.2316	.4281182	.2466757
#3	1.233986	.0046073	.0126628	121.5587	.4291933	.2481026

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.167239	278.3121	6.122572	82.56953	.4025780	-.004415
Stddev	.001056	1.8159	.033134	.34712	.0006158	.000695
%RSD	.0904920	.6524781	.5411742	.4203952	.1529583	15.74832
#1	1.167673	280.0369	6.152333	82.89862	.4029104	-.005217
#2	1.166035	276.4171	6.086870	82.20683	.4029562	-.004041
#3	1.168009	278.4823	6.128514	82.60315	.4018675	-.003986

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.222885	.5494531	1.444952	15.47903	F 10.86471	.1298513
Stddev	.286473	.0068071	.044478	.06190	.06160	.0033739
%RSD	12.88746	1.238880	3.078195	.3998641	.5669934	2.598314
#1	2.188117	.5519060	1.493760	15.50826	10.84819	.1326796
#2	2.525156	.5417595	1.406703	15.40794	10.81306	.1261168
#3	1.955382	.5546937	1.434392	15.52090	10.93289	.1307575

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2832-01 Acquired: 06/29/2024 10:42:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006293	2.878102	1.525266	.0328640	1.260351	.2073551
Stddev	.0006568	.011238	.014186	.0016960	.013707	.0044821
%RSD	104.3561	.3904795	.9300775	5.160547	1.087535	2.161543
#1	.0007730	2.872794	1.540286	.0342282	1.271428	.2102221
#2	.0012024	2.870501	1.523417	.0309652	1.245022	.2096531
#3	-.000087	2.891012	1.512095	.0333988	1.264602	.2021901

Elem	Sr4077
Units	ppm
Avg	.3262350
Stddev	.0015729
%RSD	.4821320
#1	.3278456
#2	.3247028
#3	.3261565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.654	32302.39	4599.804	1049.012	2536.958
Stddev	2.710	712.92	17.697	22.615	4.120
%RSD	.1386324	2.207007	.3847281	2.155877	.1623866
#1	1951.554	31503.66	4586.591	1023.741	2533.068
#2	1955.836	32529.19	4592.911	1055.948	2541.274
#3	1956.573	32874.31	4619.910	1067.346	2536.531

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2832-02 Acquired: 06/29/2024 10:47:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3472299	-.018085	.6107712	-.068573	.0145238	139.5501
Stddev	.0040687	.003179	.0064919	.001788	.0017698	.8885
%RSD	1.171761	17.57876	1.062895	2.607859	12.18529	.6366953
#1	.3518771	-.014814	.6044540	-.070590	.0128303	139.4717
#2	.3443087	-.018277	.6104351	-.067945	.0163610	138.7033
#3	.3455040	-.021163	.6174246	-.067183	.0143800	140.4752

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.250604	.0048656	.0124836	124.7868	.4366619	.2536683
Stddev	.003597	.0001148	.0001825	.5239	.0034017	.0006817
%RSD	.2876443	2.359998	1.461881	.4198040	.7790298	.2687218
#1	1.251324	.0048702	.0126312	124.8346	.4401903	.2533132
#2	1.246701	.0049780	.0125400	124.2406	.4334029	.2532375
#3	1.253787	.0047485	.0122795	125.2851	.4363927	.2544542

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.205670	284.5531	6.228485	84.58576	.4091986	-.003790
Stddev	.006317	1.1973	.027912	.61915	.0015425	.000180
%RSD	.5239517	.4207735	.4481268	.7319780	.3769456	4.753081
#1	1.208805	284.5008	6.229541	84.15955	.4080143	-.003694
#2	1.198398	283.3829	6.200061	84.30176	.4086386	-.003998
#3	1.209806	285.7758	6.255854	85.29596	.4109428	-.003679

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.083096	.5690443	1.340196	15.89826	F 10.85258	.1344236
Stddev	.115053	.0049901	.025286	.08648	.04665	.0046894
%RSD	5.523172	.8769341	1.886733	.5439688	.4298576	3.488540
#1	1.984306	.5684889	1.311057	15.95400	10.82126	.1291748
#2	2.055565	.5643551	1.356363	15.79863	10.83028	.1358955
#3	2.209417	.5742889	1.353169	15.94214	10.90620	.1382005

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2832-02 Acquired: 06/29/2024 10:47:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000442	2.954885	1.606506	.0302382	1.287743	.2072026
Stddev	.000746	.017343	.010549	.0008722	.006244	.0005667
%RSD	168.8281	.5869315	.6566246	2.884449	.4849133	.2734979
#1	.000216	2.955687	1.616673	.0308427	1.287296	.2077415
#2	-.000289	2.937155	1.595613	.0292384	1.281735	.2072546
#3	-.001252	2.971813	1.607233	.0306336	1.294199	.2066117

Elem	Sr4077
Units	ppm
Avg	.3324180
Stddev	.0016727
%RSD	.5031953
#1	.3329986
#2	.3305323
#3	.3337230

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.622	32886.12	4574.095	1076.209	2536.822
Stddev	6.768	55.88	22.444	9.992	7.223
%RSD	.3466015	.1699098	.4906744	.9284038	.2847211
#1	1955.859	32945.56	4555.797	1083.926	2539.574
#2	1957.164	32834.67	4599.138	1064.923	2542.264
#3	1944.844	32878.14	4567.351	1079.777	2528.628

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2832-01LX5 Acquired: 06/29/2024 10:51:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746348	-.001446	.1203969	-.013718	.0024358	29.37897	.2742813
Stddev	.0056212	.001745	.0034913	.002364	.0023757	.29671	.0033039
%RSD	7.531601	120.6445	2.899850	17.23014	97.53066	1.009952	1.204550
#1	.0702894	-.003438	.1163660	-.012245	.0035258	29.55012	.2766685
#2	.0726319	-.000191	.1223539	-.012465	.0040708	29.55044	.2756647
#3	.0809832	-.000710	.1224708	-.016444	-.000289	29.03636	.2705106

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011869	.0019429	27.18118	.0962869	.0484109	.2666471	63.67543
Stddev	.0000923	.0002093	.28995	.0013336	.0008692	.0032896	.54542
%RSD	7.774543	10.77157	1.066717	1.385064	1.795393	1.233691	.8565670
#1	.0012140	.0017392	27.35750	.0976648	.0474702	.2684441	63.97001
#2	.0012626	.0019323	27.33951	.0961933	.0485783	.2686468	64.01023
#3	.0010841	.0021573	26.84654	.0950025	.0491842	.2628504	63.04606

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.388433	17.99572	.0810353	-.000930	.7677002	.1231169	.3060496
Stddev	.010588	.14959	.0007309	.000419	.2287417	.0013306	.0084927
%RSD	.7625890	.8312679	.9019312	45.01982	29.79570	1.080784	2.774953
#1	1.391909	17.98490	.0808297	-.000604	.5035770	.1246290	.3051044
#2	1.396846	18.15043	.0804293	-.000785	.8983690	.1225972	.2980691
#3	1.376544	17.85183	.0818470	-.001403	.9011547	.1221246	.3149754

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.032522	2.125606	.0308875	.0000276	.5494977	.3637377	.0071264
Stddev	.086799	.020804	.0007342	.0003696	.0111303	.0040991	.0018693
%RSD	2.862258	.9787452	2.377175	1339.469	2.025537	1.126950	26.23052
#1	3.097859	2.102471	.0306583	.0004531	.5467241	.3665625	.0072064
#2	3.065675	2.131570	.0317090	-.000157	.5400165	.3656145	.0089545
#3	2.934034	2.142776	.0302952	-.000213	.5617525	.3590362	.0052184

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2832-01LX5 Acquired: 06/29/2024 10:51:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2800558	.0637256	.0729340
Stddev	.0025914	.0020670	.0006348
%RSD	.9253261	3.243578	.8703756
#1	.2819071	.0660673	.0732808
#2	.2811660	.0629545	.0733199
#3	.2770942	.0621550	.0722014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.250	31124.32	4173.850	1021.645	2748.333
Stddev	11.502	45.78	12.423	6.353	23.351
%RSD	.6186517	.1470969	.2976456	.6218337	.8496552
#1	1872.531	31101.68	4159.547	1021.502	2775.272
#2	1852.666	31177.01	4180.046	1028.068	2733.873
#3	1852.552	31094.27	4181.957	1015.364	2735.853

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2832-03 Acquired: 06/29/2024 10:55:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3810676	.0744717	.5867762	.0194859	.1352313	128.0220
Stddev	.0072915	.0027453	.0016606	.0063369	.0029399	.0968
%RSD	1.913429	3.686346	.2829986	32.52037	2.173969	.0755790
#1	.3892832	.0729512	.5850407	.0122758	.1372373	128.0150
#2	.3753650	.0776408	.5869378	.0220110	.1366000	127.9290
#3	.3785548	.0728230	.5883500	.0241710	.1318566	128.1221

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.629141	.0939230	.1066950	257.7507	.7335672	1.135269
Stddev	.008014	.0003543	.0004410	.7523	.0005594	.003030
%RSD	.1731252	.3772555	.4133383	.2918798	.0762531	.2668827
#1	4.624446	.0936474	.1064148	258.0384	.7340893	1.134126
#2	4.624583	.0943227	.1072034	256.8970	.7336354	1.138704
#3	4.638395	.0937989	.1064669	258.3167	.7329769	1.132977

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.443372	253.1638	7.545241	74.09372	1.259316	.0682465
Stddev	.005982	.8107	.020085	.13351	.005841	.0010816
%RSD	.4144517	.3202090	.2661918	.1801927	.4638387	1.584891
#1	1.436571	253.2281	7.549329	74.17265	1.256690	.0694697
#2	1.445730	252.3229	7.523426	73.93957	1.266009	.0674163
#3	1.447816	253.9404	7.562967	74.16894	1.255248	.0678535

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.862822	1.329363	1.971889	14.23646	F 10.58470	.1255237
Stddev	.065105	.003113	.007387	.04089	.01992	.0002236
%RSD	3.494971	.2341598	.3746190	.2872487	.1881768	.1781641
#1	1.820363	1.329205	1.979891	14.27920	10.56847	.1253123
#2	1.937779	1.326331	1.970448	14.19770	10.60693	.1257578
#3	1.830325	1.332551	1.965329	14.23247	10.57871	.1255009

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2832-03 Acquired: 06/29/2024 10:55:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4618465	2.761948	2.270087	.0052138	1.180007	.1863527
Stddev	.0011582	.004495	.011137	.0011466	.005855	.0026352
%RSD	.2507842	.1627428	.4905871	21.99166	.4962117	1.414099
#1	.4610710	2.757458	2.266365	.0054809	1.173451	.1868634
#2	.4631779	2.761940	2.282608	.0039572	1.181853	.1886952
#3	.4612906	2.766447	2.261288	.0062032	1.184717	.1834995

Elem	Sr4077
Units	ppm
Avg	.3204886
Stddev	.0005661
%RSD	.1766245
#1	.3206411
#2	.3198619
#3	.3209628

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.911	32337.59	4539.481	1052.979	2504.615
Stddev	4.318	123.39	28.613	8.648	7.423
%RSD	.2250157	.3815622	.6303115	.8212858	.2963654
#1	1922.893	32247.04	4507.891	1043.000	2506.867
#2	1914.322	32478.13	4563.657	1058.292	2496.327
#3	1919.519	32287.61	4546.896	1057.644	2510.651

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2833-01 Acquired: 06/29/2024 11:00:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7830179	-.019011	.2975374	-.154436	.0299445	201.0430
Stddev	.0041004	.005723	.0027101	.003376	.0015130	3.7246
%RSD	.5236598	30.10495	.9108501	2.186324	5.052556	1.852642
#1	.7877298	-.018788	.2944241	-.152822	.0316531	198.6224
#2	.7810643	-.013402	.2988198	-.152170	.0287745	199.1746
#3	.7802598	-.024842	.2993684	-.158317	.0294060	205.3320

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.687471	.0054316	.0198687	43.73551	.5955061	.4290146
Stddev	.086263	.0001414	.0005520	.75996	.0016493	.0009891
%RSD	1.840286	2.603057	2.778400	1.737632	.2769585	.2305606
#1	4.625021	.0052749	.0204987	43.18548	.5960594	.4285152
#2	4.651493	.0054702	.0196379	43.41837	.5936512	.4283748
#3	4.785899	.0055496	.0194695	44.60268	.5968075	.4301539

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8701714	649.0472	F 60.86048	126.1315	.5837754	-.015468
Stddev	.0160085	11.6802	1.02152	2.3684	.0011230	.000661
%RSD	1.839695	1.799595	1.678469	1.877742	.1923658	4.276405
#1	.8602694	640.6317	60.10790	124.6779	.5825996	-.015661
#2	.8616044	644.1275	60.45018	124.8520	.5848368	-.016011
#3	.8886403	662.3825	62.02336	128.8644	.5838898	-.014731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.402230	1.235114	1.234995	33.40720	9.419305	.2659061
Stddev	.093755	.027118	.035489	.64956	.037493	.0125186
%RSD	3.902850	2.195624	2.873592	1.944381	.3980415	4.707922
#1	2.302900	1.213860	1.241122	32.92154	9.376060	.2617208
#2	2.414609	1.225825	1.196842	33.15503	9.439153	.2560163
#3	2.489181	1.265656	1.267022	34.14504	9.442701	.2799812

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2833-01 Acquired: 06/29/2024 11:00:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010698	.8308694	1.893274	-.001390	1.965536	.3891148
Stddev	.0005284	.0087772	.037406	.001268	.036247	.0062369
%RSD	49.39449	1.056388	1.975715	91.24287	1.844140	1.602838
#1	.0013601	.8255051	1.850366	-.001173	1.942914	.3826558
#2	.0004598	.8409985	1.910444	-.002752	1.946350	.3895858
#3	.0013893	.8261045	1.919012	-.000244	2.007344	.3951029

Elem	Sr4077
Units	ppm
Avg	.4758008
Stddev	.0089605
%RSD	1.883257
#1	.4691319
#2	.4722843
#3	.4859863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.708	33339.10	4659.661	1082.175	2514.921
Stddev	4.446	337.89	54.507	15.139	4.627
%RSD	.2244806	1.013506	1.169773	1.398909	.1839887
#1	1985.830	33181.21	4713.931	1076.739	2517.982
#2	1977.838	33727.04	4660.133	1099.281	2517.184
#3	1978.457	33109.06	4604.919	1070.505	2509.598

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-02 Acquired: 06/29/2024 11:04:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7851380	-.014877	.2913132	-.156391	.0306406	198.4011
Stddev	.0071049	.003307	.0033369	.007807	.0038713	1.3789
%RSD	.9049196	22.22699	1.145476	4.991933	12.63461	.6949990
#1	.7860858	-.017961	.2878089	-.155748	.0334248	198.3029
#2	.7917214	-.011385	.2916779	-.148926	.0322772	199.8264
#3	.7776068	-.015284	.2944528	-.164500	.0262197	197.0739

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.578055	.0054738	.0199717	42.87867	.5940893	.4285979
Stddev	.019764	.0003120	.0001185	.12082	.0024517	.0001251
%RSD	.4317105	5.700051	.5931745	.2817724	.4126863	.0291915
#1	4.581375	.0057663	.0198647	42.88484	.5918287	.4284626
#2	4.595949	.0055097	.0199515	42.99629	.5937439	.4287094
#3	4.556842	.0051454	.0200990	42.75488	.5966955	.4286219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8524319	646.9870	F 59.65806	125.1498	.5809669	-.016880
Stddev	.0024707	2.8303	.19848	.4434	.0020016	.000278
%RSD	.2898465	.4374662	.3326981	.3543236	.3445240	1.647822
#1	.8528649	647.9921	59.76541	124.9771	.5795348	-.016709
#2	.8546576	649.1776	59.77976	125.6536	.5801119	-.017201
#3	.8497733	643.7913	59.42903	124.8187	.5832539	-.016731

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.399450	1.222415	1.142364	32.88677	9.421795	.2724846
Stddev	.223062	.012401	.027278	.22028	.049626	.0038704
%RSD	9.296374	1.014476	2.387831	.6698234	.5267162	1.420409
#1	2.628495	1.226312	1.121057	32.76536	9.420441	.2752256
#2	2.386957	1.232399	1.132928	33.14105	9.372859	.2741710
#3	2.182897	1.208533	1.173107	32.75392	9.472083	.2680571

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-02 Acquired: 06/29/2024 11:04:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009878	.8109137	2.004737	.0016528	1.979772	.3928744
Stddev	.0008925	.0032052	.007010	.0008695	.012196	.0012561
%RSD	90.34757	.3952595	.3496803	52.60453	.6160057	.3197209
#1	.0018342	.8146103	2.011796	.0026566	1.983942	.3924205
#2	.0000555	.8092225	2.004637	.0011364	1.989336	.3919084
#3	.0010738	.8089082	1.997777	.0011654	1.966039	.3942944

Elem	Sr4077
Units	ppm
Avg	.4624083
Stddev	.0038408
%RSD	.8305993
#1	.4617207
#2	.4665464
#3	.4589578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.473	33035.89	4620.948	1075.403	2508.968
Stddev	1.240	262.11	4.427	12.771	3.104
%RSD	.0626906	.7934191	.0958002	1.187578	.1237202
#1	1976.140	33328.63	4625.330	1090.031	2509.238
#2	1978.591	32956.07	4616.477	1069.710	2511.929
#3	1977.688	32822.96	4621.038	1066.468	2505.738

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2833-01LX5 Acquired: 06/29/2024 11:08:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1643008	-.001973	.0600310	-.041490	.0074898	43.65185	1.045934
Stddev	.0024905	.003456	.0007558	.002099	.0019506	.34244	.003955
%RSD	1.515792	175.1308	1.259087	5.058415	26.04339	.7844903	.3781388
#1	.1615775	-.000926	.0592566	-.039250	.0052672	44.03833	1.050394
#2	.1648622	.000838	.0607668	-.043411	.0082848	43.38621	1.042852
#3	.1664626	-.005832	.0600696	-.041809	.0089173	43.53100	1.044557

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013529	.0031538	10.02249	.1371591	.0874639	.2006894	150.5043
Stddev	.0001107	.0001655	.05014	.0002402	.0005513	.0026685	.9888
%RSD	8.183103	5.247117	.5002759	.1750910	.6303679	1.329647	.6570050
#1	.0012251	.0031533	10.07504	.1373796	.0880543	.2019325	151.6276
#2	.0014204	.0033195	9.97516	.1371943	.0873751	.2025096	149.7653
#3	.0014130	.0029886	10.01728	.1369032	.0869624	.1976262	150.1199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.21621	27.71999	.1218822	-.003162	1.053201	.2806373	.2673206
Stddev	.08834	.14267	.0002699	.000217	.214045	.0010959	.0040900
%RSD	.6213692	.5146987	.2214681	6.876210	20.32328	.3904877	1.530000
#1	14.31668	27.84944	.1221632	-.003352	1.170002	.2818551	.2684455
#2	14.15074	27.56701	.1216249	-.003207	.806165	.2797307	.2707305
#3	14.18120	27.74352	.1218586	-.002925	1.183436	.2803262	.2627859

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.830393	1.873806	.0618277	-.000133	.1575049	.4504839	.0014336
Stddev	.111469	.002811	.0014337	.000340	.0062138	.0055863	.0011526
%RSD	1.631959	.1500378	2.318852	255.3220	3.945149	1.240062	80.39685
#1	6.954934	1.872333	.0634713	.000134	.1590288	.4506463	.0026439
#2	6.739970	1.872036	.0608343	-.000018	.1506710	.4448182	.0013081
#3	6.796276	1.877048	.0611776	-.000516	.1628151	.4559872	.0003489

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-01LX5 Acquired: 06/29/2024 11:08:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4411036	.1049860	.1064505
Stddev	.0038899	.0009519	.0009262
%RSD	.8818602	.9067263	.8701057
#1	.4455936	.1059479	.1075054
#2	.4387495	.1040444	.1057705
#3	.4389678	.1049658	.1060755

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.594	30938.46	4236.558	1008.530	2697.815
Stddev	4.445	158.61	9.096	6.675	12.373
%RSD	.2389038	.5126476	.2147013	.6618845	.4586333
#1	1856.609	30765.27	4227.737	1000.912	2685.221
#2	1859.784	31076.62	4245.906	1013.360	2698.271
#3	1865.388	30973.48	4236.030	1011.317	2709.955

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV092 Acquired: 06/29/2024 11:13:12 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV092 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972328	4.822319	24.67569	4.738453	4.901112	395.6036	9.993275
Stddev	.033824	.028767	.13116	.021005	.025722	2.6094	.025421
%RSD	.6802391	.5965443	.5315304	.4432928	.5248196	.6595925	.2543774
#1	4.965365	4.803321	24.56739	4.736500	4.891377	393.1753	9.963992
#2	4.942527	4.808220	24.63816	4.718492	4.881679	395.2730	10.00615
#3	5.009090	4.855416	24.82152	4.760366	4.930281	398.3626	10.00968

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069198	2.491102	396.4860	15.35341	2.483961	14.37276	383.2145
Stddev	.0058896	.011796	1.0585	.13341	.013551	.17261	2.1023
%RSD	1.161842	.4735436	.2669758	.8689454	.5455438	1.200970	.5485927
#1	.5137163	2.483156	395.6838	15.43928	2.474542	14.22717	381.7563
#2	.5037297	2.485494	396.0883	15.42124	2.477850	14.32765	382.2629
#3	.5033134	2.504656	397.6857	15.19971	2.499492	14.56344	385.6243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73463	379.6990	2.484456	1.280378	398.2009	2.505813	14.21639
Stddev	.05232	1.5349	.015419	.009157	1.4503	.012408	.28071
%RSD	.3550855	.4042522	.6206049	.7151684	.3642253	.4951790	1.974569
#1	14.69912	378.6206	2.470482	1.281100	397.0375	2.492635	13.97509
#2	14.71005	379.0201	2.481888	1.289152	397.7394	2.507532	14.52447
#3	14.79472	381.4563	2.500997	1.270881	399.8259	2.517272	14.14960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.1114	4.984956	5.004636	4.838399	4.992729	5.038991	5.009354
Stddev	1.6383	.029684	.053577	.020821	.033771	.055313	.017478
%RSD	1.106139	.5954723	1.070541	.4303276	.6764110	1.097704	.3488981
#1	146.6736	4.958881	5.056633	4.824798	4.988513	5.099054	5.003734
#2	147.7656	4.978727	4.949609	4.828031	4.961264	4.990148	4.995377
#3	149.8950	5.017260	5.007665	4.862368	5.028411	5.027771	5.028950

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV092 Acquired: 06/29/2024 11:13:12 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV092 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.787096	5.096575	4.801849
Stddev	.033158	.011711	.030061
%RSD	.6926542	.2297760	.6260225
#1	4.763201	5.100120	4.825646
#2	4.773135	5.106104	4.811834
#3	4.824951	5.083502	4.768066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1474.391	26055.79	3832.688	809.2532	2057.034
Stddev	4.304	248.53	8.972	13.6496	10.061
%RSD	.2919281	.9538226	.2340984	1.686692	.4890854
#1	1478.553	26158.98	3826.980	818.5060	2067.432
#2	1474.664	25772.29	3843.030	793.5768	2056.322
#3	1469.958	26236.10	3828.055	815.6767	2047.349

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB092 Acquired: 06/29/2024 11:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047085	.0004443	.0013085	-.004198	.0001578	-.005472
Stddev	.0026288	.0012165	.0013567	.002998	.0010913	.009942
%RSD	55.83084	273.8034	103.6863	71.40125	691.3947	181.6812
#1	.0077192	-.000907	.0014808	-.003912	-.001083	-.016316
#2	.0028678	.000788	.0025707	-.001354	.000971	.003214
#3	.0035385	.001452	-.000126	-.007329	.000585	-.003314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018573	.0000769	.0002230	.0258319	.0010229	.0001767
Stddev	.0001846	.0000905	.0001208	.0058723	.0013319	.0003289
%RSD	9.936704	117.6184	54.15935	22.73276	130.2006	186.1080
#1	.0017598	.0001616	.0002142	.0191240	-.000115	.0000359
#2	.0017420	.0000877	.0003479	.0300443	.000696	.0005525
#3	.0020702	-.000018	.0001069	.0283275	.002488	-.000058

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037758	.0134187	.0010046	.0680181	.0005364	.0002084
Stddev	.0003627	.0123544	.0002376	.0322869	.0007451	.0002525
%RSD	9.604484	92.06842	23.65129	47.46808	138.9100	121.1455
#1	.0041651	.0180472	.0007355	.0582789	.0005823	.0001315
#2	.0034475	-.000582	.0011855	.1040535	.0012575	.0004904
#3	.0037149	.022790	.0010928	.0417220	-.000231	.0000034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3205952	.0052753	-.001496	-.056991	-.000675	.0104442
Stddev	.0638261	.0009796	.003000	.088157	.003352	.0003737
%RSD	19.90863	18.56983	200.5495	154.6873	496.3577	3.577938
#1	.3776889	.0058289	-.001075	.026785	-.004545	.0108750
#2	.2516874	.0041442	-.004684	-.148958	.001342	.0102494
#3	.3324092	.0058528	.001272	-.048798	.001177	.0102081

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB092 Acquired: 06/29/2024 11:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011045	.0000970	.0009121	.0009800	-.000622	F .0314188
Stddev	.0001580	.0046274	.0007439	.0007948	.000052	.0031359
%RSD	14.30502	4769.895	81.55547	81.09869	8.420652	9.981076
#1	.0010432	-.005160	.0016457	.0014902	-.000618	.0336055
#2	.0009864	.003555	.0009323	.0013855	-.000676	.0278259
#3	.0012840	.001896	.0001584	.0000643	-.000571	.0328251

Elem	Sr4077
Units	ppm
Avg	.0000049
Stddev	.0000136
%RSD	277.8382
#1	.0000201
#2	.0000006
#3	-.000006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.805	30657.35	4065.065	1000.113	2877.835
Stddev	5.397	126.83	49.936	6.386	.853
%RSD	.2944762	.4137144	1.228411	.6385380	.0296460
#1	1828.545	30765.58	4037.205	1006.420	2876.883
#2	1838.875	30517.78	4122.715	993.650	2878.530
#3	1830.996	30688.67	4035.275	1000.270	2878.093

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2833-03 Acquired: 06/29/2024 11:22:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8200146	.0701408	.3366135	-.083391	.1481740	185.4857
Stddev	.0157604	.0043527	.0033469	.012764	.0021502	.7341
%RSD	1.921963	6.205608	.9942724	15.30586	1.451151	.3957860
#1	.8382090	.0669997	.3344819	-.091524	.1491150	185.2187
#2	.8105815	.0751092	.3404710	-.068680	.1457136	186.3160
#3	.8112533	.0683133	.3348875	-.089969	.1496932	184.9224

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.786428	.0915664	.1127874	41.19898	.9055565	1.315690
Stddev	.018422	.0008334	.0003726	.05603	.0052423	.003082
%RSD	.2714561	.9101900	.3303205	.1360106	.5789060	.2342346
#1	6.795994	.0916253	.1131634	41.25987	.9003560	1.315123
#2	6.798099	.0907051	.1124184	41.18748	.9108397	1.312931
#3	6.765191	.0923689	.1127805	41.14959	.9054739	1.319016

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.237473	609.6954	F 57.88796	112.6601	1.439642	.0567058
Stddev	.009550	1.3127	.09340	.3581	.003228	.0008631
%RSD	.7717287	.2153042	.1613384	.3178722	.2241946	1.522118
#1	1.234686	608.5872	57.82624	112.4477	1.442726	.0577021
#2	1.248106	611.1451	57.99540	113.0736	1.436288	.0561865
#3	1.229626	609.3540	57.84223	112.4591	1.439911	.0562287

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.341725	1.964245	1.808787	30.67973	8.656281	.2498370
Stddev	.171292	.008119	.014900	.23811	.022679	.0075188
%RSD	7.314766	.4133602	.8237400	.7761020	.2619900	3.009466
#1	2.159899	1.960746	1.791970	30.49790	8.660072	.2483178
#2	2.500056	1.973527	1.814047	30.94924	8.631946	.2579993
#3	2.365221	1.958461	1.820342	30.59204	8.676825	.2431938

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2833-03 Acquired: 06/29/2024 11:22:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4458951	.8118875	2.649824	-.000506	2.124040	.3753187
Stddev	.0004644	.0151781	.016605	.001393	.012417	.0011703
%RSD	.1041581	1.869488	.6266474	275.3421	.5846078	.3118245
#1	.4462752	.8041261	2.634978	.001068	2.121431	.3760948
#2	.4460327	.8293769	2.646738	-.001583	2.137554	.3758887
#3	.4453774	.8021595	2.667755	-.001002	2.113134	.3739726

Elem	Sr4077
Units	ppm
Avg	.5337485
Stddev	.0036854
%RSD	.6904710
#1	.5304623
#2	.5377331
#3	.5330502

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.867	32982.76	4572.733	1076.239	2518.464
Stddev	2.497	216.72	29.441	6.580	7.530
%RSD	.1268211	.6570740	.6438397	.6113474	.2990005
#1	1967.415	33169.67	4575.125	1083.541	2513.309
#2	1971.750	32745.20	4600.905	1074.405	2527.106
#3	1967.435	33033.41	4542.169	1070.771	2514.978

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2834-01 Acquired: 06/29/2024 11:26:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8166222	-.024422	.3016173	-.128413	.0243121	143.2588	1.897607
Stddev	.0187857	.001471	.0005361	.004105	.0024116	1.3225	.006016
%RSD	2.300409	6.022938	.1777357	3.196918	9.919270	.9231290	.3170474
#1	.8365612	-.023027	.3011974	-.128658	.0244385	142.5475	1.894353
#2	.8140505	-.025959	.3022211	-.124191	.0266579	142.4442	1.893919
#3	.7992549	-.024280	.3014335	-.132390	.0218398	144.7847	1.904550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039822	.0151745	21.64597	.4161021	.3532454	.8271512	550.4359
Stddev	.0001715	.0004225	.05545	.0004684	.0021557	.0131467	4.5084
%RSD	4.307562	2.784243	.2561830	.1125592	.6102580	1.589393	.8190558
#1	.0039214	.0153898	21.65436	.4156913	.3545122	.8206945	548.0002
#2	.0038493	.0154459	21.58680	.4160028	.3544677	.8184813	547.6692
#3	.0041758	.0146877	21.69675	.4166122	.3507563	.8422778	555.6382

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.59862	89.87287	.3971767	-.010357	2.012711	1.021998	1.106390
Stddev	.19570	.71251	.0017699	.000453	.262113	.003788	.010676
%RSD	.6611870	.7927994	.4456276	4.378096	13.02288	.3706476	.9649721
#1	29.52446	89.63632	.3982769	-.010120	1.893503	1.020275	1.094683
#2	29.45083	89.30872	.3981183	-.010880	1.831389	1.019378	1.115589
#3	29.82056	90.67358	.3951350	-.010072	2.313241	1.026342	1.108899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	35.37832	6.885201	.2311536	.0012706	.4247201	1.915901	.0010485
Stddev	.51890	.037440	.0088750	.0007472	.0120452	.025324	.0013441
%RSD	1.466720	.5437803	3.839437	58.80731	2.836041	1.321795	128.1999
#1	35.12963	6.907166	.2274034	.0005031	.4342560	1.921315	.0022247
#2	35.03058	6.906468	.2247693	.0019957	.4287206	1.888307	.0013372
#3	35.97476	6.841971	.2412881	.0013131	.4111836	1.938080	-.000417

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2834-01 Acquired: 06/29/2024 11:26:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.810306	.3193241	.2378375
Stddev	.023244	.0007406	.0031864
%RSD	1.283971	.2319255	1.339725
#1	1.793617	.3184704	.2356926
#2	1.800446	.3197064	.2363211
#3	1.836855	.3197954	.2414989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.125	32537.97	4466.784	1064.025	2610.740
Stddev	8.020	261.33	21.010	12.169	11.722
%RSD	.4123272	.8031438	.4703642	1.143658	.4490080
#1	1938.925	32466.29	4471.920	1063.423	2602.235
#2	1942.268	32319.96	4484.751	1052.168	2605.873
#3	1954.183	32827.65	4443.683	1076.484	2624.112

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2834-02 Acquired: 06/29/2024 11:30:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8323194	-.027212	.3265499	-.137474	.0271049	145.8028
Stddev	.0047276	.001969	.0024515	.003218	.0044509	1.8375
%RSD	.5679998	7.234911	.7507210	2.340507	16.42104	1.260286
#1	.8377613	-.026952	.3293795	-.140382	.0243690	143.7453
#2	.8299716	-.029298	.3252021	-.138023	.0247051	146.3825
#3	.8292253	-.025386	.3250680	-.134017	.0322408	147.2806

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.034158	.0038604	.0159023	21.32583	.4244612	.3578539
Stddev	.021898	.0000498	.0001796	.24231	.0008438	.0013142
%RSD	1.076520	1.290598	1.129250	1.136234	.1987887	.3672480
#1	2.008881	.0039179	.0160319	21.05599	.4250729	.3580834
#2	2.046240	.0038303	.0156973	21.52482	.4234986	.3590383
#3	2.047354	.0038330	.0159778	21.39668	.4248122	.3564401

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8437445	558.0363	F 31.72813	91.63756	.4062459	-.011457
Stddev	.0146958	6.2470	.33205	1.10981	.0018356	.000310
%RSD	1.741737	1.119463	1.046554	1.211086	.4518455	2.701632
#1	.8314174	550.9118	31.34721	90.36405	.4076736	-.011724
#2	.8398087	560.6206	31.88077	92.15061	.4068887	-.011530
#3	.8600075	562.5765	31.95642	92.39803	.4041753	-.011118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.282753	1.043822	1.074922	36.19045	7.105713	.2299048
Stddev	.334698	.010618	.010720	.36927	.009257	.0105156
%RSD	14.66204	1.017231	.9973264	1.020350	.1302821	4.573908
#1	1.905127	1.031582	1.075384	35.81085	7.106467	.2189706
#2	2.542783	1.049321	1.063978	36.21207	7.114571	.2307991
#3	2.400350	1.050562	1.085404	36.54844	7.096102	.2399447

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2834-02 Acquired: 06/29/2024 11:30:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015785	.4177868	1.959120	.0005948	1.807926	.3249904
Stddev	.0000881	.0041329	.007082	.0024011	.021486	.0030634
%RSD	5.579462	.9892413	.3614965	403.6459	1.188412	.9426078
#1	.0014811	.4131537	1.957807	.0026162	1.783238	.3219903
#2	.0016019	.4210942	1.952786	.0012276	1.818146	.3281134
#3	.0016525	.4191125	1.966767	-.002059	1.822393	.3248674

Elem	Sr4077
Units	ppm
Avg	.2459618
Stddev	.0031970
%RSD	1.299780
#1	.2425778
#2	.2463765
#3	.2489313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.240	32443.06	4467.987	1061.223	2587.876
Stddev	2.906	199.29	30.706	4.975	2.806
%RSD	.1503758	.6142748	.6872381	.4688357	.1084297
#1	1929.515	32218.81	4498.788	1065.525	2588.359
#2	1931.907	32510.50	4437.378	1055.774	2584.860
#3	1935.298	32599.89	4467.796	1062.370	2590.409

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2834-01LX5 Acquired: 06/29/2024 11:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715554	-.003538	.0629249	-.027147	.0043908	30.87946	.4167780
Stddev	.0025403	.002503	.0010828	.003018	.0009908	.21233	.0019463
%RSD	1.480750	70.75569	1.720762	11.11677	22.56451	.6876135	.4669984
#1	.1686221	-.005429	.0629693	-.025389	.0047780	30.79462	.4176763
#2	.1730278	-.000699	.0618206	-.025420	.0032649	31.12109	.4181130
#3	.1730164	-.004486	.0639848	-.030632	.0051295	30.72267	.4145448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009819	.0024319	4.800097	.0928945	.0729390	.1920086	123.7306
Stddev	.0000931	.0000850	.020152	.0012918	.0007470	.0017667	.9400
%RSD	9.480974	3.493373	.4198207	1.390622	1.024152	.9201207	.7597375
#1	.0008744	.0024514	4.785554	.0927913	.0730106	.1907885	123.3567
#2	.0010361	.0025055	4.823100	.0942348	.0721588	.1912027	124.8000
#3	.0010352	.0023389	4.791639	.0916574	.0736476	.1940345	123.0350

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.673695	19.44586	.0817802	-.002349	.9473802	.2281207	.2367804
Stddev	.030881	.17986	.0002391	.000339	.1713884	.0013785	.0034570
%RSD	.4627283	.9249162	.2923925	14.42307	18.09077	.6042768	1.460001
#1	6.668168	19.40337	.0816094	-.002740	.8680348	.2267916	.2369851
#2	6.706967	19.64316	.0816777	-.002141	1.144063	.2295437	.2332256
#3	6.645951	19.29105	.0820535	-.002167	.830043	.2280269	.2401305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.271994	1.384471	.0528822	-.000033	.0850721	.4553923	.0014919
Stddev	.039093	.006229	.0010931	.000248	.0046504	.0017139	.0015016
%RSD	.5375785	.4499500	2.066973	748.1209	5.466454	.3763454	100.6535
#1	7.232662	1.377487	.0537231	-.000049	.0901567	.4568296	.0003016
#2	7.272479	1.386470	.0532770	.000223	.0810343	.4534956	.0031790
#3	7.310842	1.389455	.0516466	-.000273	.0840254	.4558518	.0009951

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2834-01LX5 Acquired: 06/29/2024 11:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4010389	.0893060	.0526465
Stddev	.0020234	.0011883	.0006394
%RSD	.5045408	1.330609	1.214536
#1	.3997299	.0885341	.0519337
#2	.4033694	.0906744	.0531695
#3	.4000174	.0887096	.0528363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1856.680	30747.49	4149.440	1009.578	2759.083
Stddev	4.887	279.87	19.750	11.287	5.460
%RSD	.2632001	.9102172	.4759723	1.118037	.1978909
#1	1861.750	30506.40	4164.689	996.558	2764.965
#2	1856.290	30681.68	4156.501	1015.586	2758.108
#3	1852.000	31054.41	4127.130	1016.592	2754.176

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2834-03 Acquired: 06/29/2024 11:39:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.174027	.0713602	.4742894	-.090813	.1566864	188.9097
Stddev	.011946	.0027889	.0052915	.001689	.0049341	1.3161
%RSD	1.017555	3.908247	1.115681	1.860373	3.149041	.6966767
#1	1.166510	.0727474	.4720297	-.092701	.1609055	189.3338
#2	1.167769	.0731836	.4705029	-.090295	.1578926	187.4338
#3	1.187802	.0681497	.4803356	-.089443	.1512610	189.9613

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.066472	.0961057	.1211153	28.86674	.8695455	1.362323
Stddev	.046647	.0009966	.0002026	.14645	.0023079	.002729
%RSD	.5144998	1.036981	.1673200	.5073415	.2654122	.2003077
#1	9.066725	.0965259	.1213416	28.84705	.8680745	1.361630
#2	9.019699	.0968233	.1209505	28.73114	.8722054	1.360008
#3	9.112992	.0949678	.1210539	29.02205	.8683566	1.365332

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.490647	670.8903	F 56.47347	115.9205	1.439008	.0573226
Stddev	.017879	2.7539	.18241	.5477	.004019	.0005117
%RSD	1.199424	.4104887	.3230006	.4724454	.2793197	.8927008
#1	1.505191	672.0402	56.58236	116.2893	1.437474	.0568721
#2	1.470686	667.7477	56.26288	115.2912	1.435981	.0578790
#3	1.496063	672.8829	56.57516	116.1809	1.443568	.0572166

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.510441	2.154395	2.139872	45.74906	9.919707	.2804477
Stddev	.198212	.017077	.019289	.25170	.027652	.0083377
%RSD	7.895487	.7926421	.9013885	.5501771	.2787628	2.973008
#1	2.585447	2.162350	2.142979	45.69548	9.908404	.2816281
#2	2.285673	2.134792	2.119219	45.52846	9.899497	.2715826
#3	2.660204	2.166042	2.157419	46.02323	9.951221	.2881323

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2834-03 Acquired: 06/29/2024 11:39:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4811549	.5253387	2.724366	.0014037	1.773368	.3978990
Stddev	.0006418	.0133434	.010552	.0029523	.020400	.0032356
%RSD	.1333801	2.539960	.3873117	210.3213	1.150340	.8131766
#1	.4813138	.5403673	2.736548	-.001770	1.775903	.3941871
#2	.4817023	.5148828	2.718090	.001913	1.751819	.3993868
#3	.4804486	.5207660	2.718460	.004068	1.792382	.4001231

Elem	Sr4077
Units	ppm
Avg	.3594716
Stddev	.0031861
%RSD	.8863175
#1	.3597470
#2	.3561568
#3	.3625111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.942	32552.89	4532.785	1060.533	2524.870
Stddev	1.252	146.45	7.020	5.624	.910
%RSD	.0640999	.4498873	.1548768	.5302779	.0360267
#1	1954.289	32690.92	4535.911	1060.933	2524.191
#2	1951.815	32568.48	4524.745	1065.947	2525.904
#3	1952.722	32399.26	4537.700	1054.721	2524.516

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3031-01 Acquired: 06/29/2024 11:43:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11M7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1258610	-.007942	1.523134	-.049125	.0094150	63.14612	.8669628
Stddev	.0034441	.001291	.008034	.006654	.0026150	.74620	.0084789
%RSD	2.736440	16.25633	.5274735	13.54457	27.77468	1.181707	.9780032
#1	.1265921	-.009334	1.531991	-.051616	.0068127	64.00106	.8767355
#2	.1288809	-.007710	1.516316	-.041585	.0093897	62.62576	.8615633
#3	.1221101	-.006783	1.521095	-.054173	.0120425	62.81155	.8625897

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072117	.0125420	360.0632	.1202030	.0600803	.2762192	201.7341
Stddev	.0001499	.0001172	3.0819	.0027356	.0001847	.0037085	1.9558
%RSD	2.079019	.9345901	.8559324	2.275826	.3074316	1.342585	.9695005
#1	.0070705	.0125931	363.5622	.1231510	.0602932	.2749861	203.9727
#2	.0073691	.0124079	357.7516	.1197114	.0599834	.2732844	200.3568
#3	.0071956	.0126249	358.8758	.1177464	.0599641	.2803871	200.8728

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.341500	32.83657	.1804963	-.004983	1.583164	.2559143	1.289462
Stddev	.032870	.26948	.0008983	.000474	.049396	.0038661	.033326
%RSD	.9836752	.8206704	.4976586	9.509321	3.120083	1.510706	2.584453
#1	3.378334	33.14002	.1815159	-.005525	1.561240	.2603359	1.327149
#2	3.315155	32.74449	.1798218	-.004646	1.639728	.2542369	1.277352
#3	3.331012	32.62520	.1801510	-.004779	1.548525	.2531703	1.263885

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.888905	5.583494	.1628991	.0281219	4.254831	2.057486	.0404643
Stddev	.135489	.027217	.0027938	.0004899	.021596	.014161	.0013911
%RSD	1.966768	.4874489	1.715062	1.741961	.5075624	.6882500	3.437807
#1	6.989823	5.606740	.1656884	.0280812	4.257243	2.046076	.0391066
#2	6.734914	5.553555	.1601007	.0276536	4.232131	2.073334	.0418865
#3	6.941978	5.590187	.1629081	.0286308	4.275120	2.053047	.0403999

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3031-01 Acquired: 06/29/2024 11:43:44 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11M7 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8961772	.1502205	.5213235
Stddev	.0102539	.0049708	.0060917
%RSD	1.144178	3.308995	1.168506
#1	.9065478	.1540592	.5282848
#2	.8860442	.1446056	.5187166
#3	.8959397	.1519967	.5169690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1868.643	30962.92	4373.049	1002.208	2527.466
Stddev	6.521	604.35	11.496	14.252	16.445
%RSD	.3489803	1.951844	.2628797	1.422060	.6506382
#1	1861.608	30265.32	4371.909	985.818	2509.013
#2	1869.836	31327.75	4362.166	1009.121	2540.570
#3	1874.485	31295.68	4385.073	1011.685	2532.814

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3031-02 Acquired: 06/29/2024 11:48:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11M7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393347	-.006038	1.672186	-.053839	.0091761	67.54045	.9288559
Stddev	.0096346	.001961	.002744	.005346	.0011962	.35580	.0003523
%RSD	6.914718	32.47762	.1641014	9.930256	13.03564	.5268026	.0379285
#1	.1409416	-.006562	1.669448	-.052296	.0101709	67.27747	.9284970
#2	.1480647	-.003868	1.672176	-.049434	.0078489	67.39858	.9292012
#3	.1289976	-.007683	1.674936	-.059787	.0095084	67.94531	.9288693

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077325	.0145431	429.0129	.1296846	.0661234	.2861425	222.4344
Stddev	.0001819	.0000493	1.1579	.0067147	.0003912	.0052946	.9736
%RSD	2.351734	.3392008	.2699058	5.177690	.5915692	1.850320	.4377172
#1	.0077451	.0145947	427.9838	.1323814	.0662494	.2837494	221.6938
#2	.0075446	.0145382	428.7880	.1220408	.0656847	.2824669	222.0722
#3	.0079077	.0144964	430.2667	.1346316	.0664360	.2922111	223.5372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.590608	38.13147	.1988766	-.004464	1.533654	.2782429	1.311682
Stddev	.013890	.23310	.0014524	.001009	.086212	.0027974	.026601
%RSD	.3868435	.6112940	.7302782	22.61458	5.621366	1.005392	2.028005
#1	3.582375	38.00947	.1980150	-.004707	1.588759	.2770688	1.312437
#2	3.582804	37.98470	.1980613	-.003355	1.434302	.2762239	1.284711
#3	3.606645	38.40025	.2005534	-.005330	1.577901	.2814361	1.337897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.332133	6.167460	.1682177	.0308056	4.673941	2.168482	.1524595
Stddev	.045601	.027294	.0032287	.0006825	.018024	.035045	.0004741
%RSD	.6219270	.4425451	1.919378	2.215468	.3856172	1.616124	.3109439
#1	7.349863	6.138981	.1668053	.0302357	4.655504	2.179874	.1526642
#2	7.366207	6.170009	.1719119	.0306191	4.674798	2.129158	.1527967
#3	7.280331	6.193389	.1659358	.0315620	4.691520	2.196414	.1519174

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3031-02 Acquired: 06/29/2024 11:48:07 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11M7D Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9496475	.1630366	.6043226
Stddev	.0081640	.0019504	.0024576
%RSD	.8596838	1.196265	.4066761
#1	.9482608	.1652214	.6025098
#2	.9422657	.1614712	.6033381
#3	.9584160	.1624172	.6071198

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1835.776	31219.98	4423.975	1016.089	2441.502
Stddev	5.500	860.73	7.896	25.011	8.812
%RSD	.2996250	2.756985	.1784839	2.461511	.3609407
#1	1841.421	30908.83	4427.523	1010.948	2450.121
#2	1835.475	32193.02	4429.475	1043.271	2441.877
#3	1830.432	30558.09	4414.927	994.047	2432.508

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3031-01LX5 Acquired: 06/29/2024 11:52:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11M7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0281148	-.001401	.3189603	-.011150	.0000105	13.45004	.1892350
Stddev	.0062837	.002603	.0006291	.007330	.0001739	.03477	.0015987
%RSD	22.35002	185.7820	.1972327	65.74148	1659.320	.2585092	.8448234
#1	.0239382	.000817	.3196750	-.016466	-.000073	13.46529	.1910515
#2	.0250649	-.000753	.3187158	-.014195	-.000106	13.47458	.1886119
#3	.0353413	-.004266	.3184902	-.002788	.000210	13.41025	.1880417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016453	.0024497	77.98817	.0266097	.0106160	.0636123	45.60891
Stddev	.0001971	.0000099	.20362	.0007709	.0004290	.0038305	.09558
%RSD	11.98293	.4020584	.2610911	2.896891	4.041495	6.021719	.2095640
#1	.0018346	.0024430	78.17937	.0274982	.0105443	.0630354	45.71890
#2	.0016600	.0024610	78.01106	.0261189	.0110764	.0601029	45.56178
#3	.0014411	.0024452	77.77407	.0262120	.0102273	.0676986	45.54604

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7411114	7.157965	.0371591	-.000706	.5290635	.0593713	.2721725
Stddev	.0031739	.021045	.0005549	.000273	.0927453	.0022397	.0089749
%RSD	.4282558	.2940116	1.493356	38.63232	17.53008	3.772411	3.297488
#1	.7434628	7.139009	.0375499	-.000831	.6360076	.0615598	.2627014
#2	.7423701	7.154275	.0374034	-.000393	.4707015	.0594705	.2732649
#3	.7375013	7.180611	.0365239	-.000894	.4804814	.0570837	.2805511

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.192600	1.107892	.0362548	.0055747	.8263793	.4901694	.0079390
Stddev	.042315	.003003	.0009159	.0004808	.0086480	.0049240	.0017614
%RSD	3.548162	.2710321	2.526248	8.624983	1.046488	1.004555	22.18615
#1	1.239600	1.110330	.0354392	.0061022	.8355757	.4950779	.0069246
#2	1.157530	1.108810	.0360795	.0054608	.8251511	.4902001	.0069195
#3	1.180671	1.104538	.0372457	.0051610	.8184111	.4852301	.0099728

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P3031-01LX5 Acquired: 06/29/2024 11:52:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11M7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1955591	.0467784	.1141818
Stddev	.0035186	.0021543	.0005963
%RSD	1.799231	4.605354	.5222446
#1	.1977826	.0447552	.1148665
#2	.1973921	.0465366	.1137761
#3	.1915024	.0490434	.1139029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1815.642	30200.83	4170.869	988.4454	2703.643
Stddev	.289	149.10	26.462	1.7658	4.499
%RSD	.0158919	.4936958	.6344493	.1786461	.1664209
#1	1815.929	30297.86	4160.097	989.3363	2700.976
#2	1815.352	30275.48	4151.492	989.5883	2701.115
#3	1815.646	30029.15	4201.018	986.4116	2708.838

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3031-03 Acquired: 06/29/2024 11:56:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11M7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1814222	.0862476	1.574635	.0403221	.1516843	63.44133	4.468343
Stddev	.0048658	.0025248	.004296	.0024259	.0009679	1.19016	.067460
%RSD	2.682040	2.927437	.2728215	6.016352	.6381022	1.875999	1.509725
#1	.1847157	.0886826	1.577207	.0413942	.1522413	63.48007	4.468288
#2	.1758333	.0864187	1.569675	.0420274	.1522449	62.23227	4.400910
#3	.1837177	.0836416	1.577021	.0375449	.1505666	64.61164	4.535830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005155	.1066766	471.2296	.4814873	.9809135	.7801226	184.3514
Stddev	.0012655	.0002824	7.0626	.0011485	.0026875	.0187581	3.2405
%RSD	1.258990	.2647508	1.498750	.2385387	.2739741	2.404506	1.757762
#1	.1003980	.1069969	470.9019	.4827279	.9803040	.7868883	183.9913
#2	.0993128	.1065694	464.3366	.4812730	.9785832	.7589202	181.3061
#3	.1018356	.1064634	478.4503	.4804611	.9838534	.7945593	187.7569

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.743285	35.21842	1.095569	.0716521	1.398738	1.117550	2.039697
Stddev	.073555	.63589	.002131	.0005342	.198955	.021379	.032112
%RSD	1.550712	1.805551	.1945114	.7455723	14.22390	1.913056	1.574372
#1	4.740672	35.36566	1.096094	.0718809	1.354114	1.115695	2.011160
#2	4.671071	34.52183	1.093225	.0710416	1.225885	1.097160	2.033462
#3	4.818111	35.76778	1.097389	.0720338	1.616216	1.139797	2.074470

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.611185	5.397100	.1422940	.5019789	4.938162	1.929690	.1423416
Stddev	.164106	.025053	.0044895	.0019710	.039456	.028550	.0016516
%RSD	2.482254	.4641951	3.155093	.3926454	.7990074	1.479503	1.160308
#1	6.496986	5.402549	.1402206	.5039256	4.942163	1.935440	.1409175
#2	6.537327	5.369771	.1392159	.4999844	4.896857	1.898703	.1419551
#3	6.799242	5.418980	.1474455	.5020267	4.975465	1.954927	.1441522

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P3031-03 Acquired: 06/29/2024 11:56:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11M7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8925800	.1461480	.7174246
Stddev	.0142992	.0005275	.0166558
%RSD	1.602006	.3609099	2.321607
#1	.8930708	.1463513	.7189190
#2	.8780417	.1465436	.7000720
#3	.9066275	.1455492	.7332828

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.845	31213.50	4378.610	1013.396	2479.236
Stddev	4.290	150.51	56.483	.328	6.461
%RSD	.2324009	.4822007	1.289979	.0324085	.2605868
#1	1842.570	31088.22	4366.618	1013.354	2473.527
#2	1850.701	31171.82	4440.126	1013.744	2486.249
#3	1844.263	31380.46	4329.085	1013.091	2477.932

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3032-01 Acquired: 06/29/2024 12:01:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078569	-.010348	.7246957	-.047729	.0062123	65.44705	.8560232
Stddev	.0057102	.001729	.0011555	.002133	.0010972	.54436	.0031350
%RSD	5.294201	16.70742	.1594507	4.468647	17.66257	.8317570	.3662298
#1	.1114408	-.011813	.7248218	-.048070	.0050614	66.05243	.8592971
#2	.1108579	-.008441	.7234822	-.049670	.0063290	65.29090	.8530486
#3	.1012720	-.010788	.7257829	-.045446	.0072465	64.99784	.8557239

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061825	.0080049	21.15456	.1139848	.1096913	.1991953	208.0586
Stddev	.0001360	.0001937	.07512	.0008630	.0008993	.0018995	1.1758
%RSD	2.199484	2.420049	.3550835	.7570921	.8198744	.9535774	.5651340
#1	.0061879	.0078065	21.24047	.1133126	.1091857	.2005222	209.4146
#2	.0060438	.0080147	21.10125	.1136838	.1107296	.2000442	207.3206
#3	.0063156	.0081936	21.12195	.1149580	.1091585	.1970194	207.4407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.566348	14.32028	.2191944	-.004517	1.380709	.1909184	.9290977
Stddev	.019135	.05763	.0000758	.000181	.158895	.0030853	.0214132
%RSD	.3437639	.4024366	.0345836	3.996315	11.50825	1.616039	2.304730
#1	5.585252	14.38384	.2192567	-.004338	1.562556	.1938532	.9461180
#2	5.546990	14.27142	.2192166	-.004515	1.310920	.1912002	.9361199
#3	5.566802	14.30560	.2191100	-.004699	1.268651	.1877019	.9050551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.638190	5.373363	.0995420	.0255670	1.074565	1.571756	.0250868
Stddev	.146606	.015157	.0022333	.0005045	.004628	.029763	.0015508
%RSD	2.600236	.2820825	2.243587	1.973209	.4307104	1.893641	6.181807
#1	5.755720	5.357661	.1014440	.0253827	1.069313	1.562081	.0244682
#2	5.684939	5.387910	.0970829	.0261378	1.078048	1.548034	.0268515
#3	5.473910	5.374517	.1000991	.0251806	1.076334	1.605154	.0239408

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P3032-01 Acquired: 06/29/2024 12:01:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11E8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5440103	.1717311	.0620812
Stddev	.0070352	.0004946	.0008391
%RSD	1.293216	.2880055	1.351540
#1	.5513117	.1718711	.0626484
#2	.5434437	.1711816	.0624779
#3	.5372755	.1721406	.0611174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2042.054	34159.43	4637.523	1116.570	2793.265
Stddev	3.213	179.13	9.184	7.140	7.577
%RSD	.1573226	.5243893	.1980426	.6394343	.2712643
#1	2045.741	34307.72	4645.373	1118.446	2798.471
#2	2039.856	33960.41	4627.423	1108.680	2784.572
#3	2040.564	34210.16	4639.774	1122.585	2796.752

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3032-02 Acquired: 06/29/2024 12:05:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11E8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1133264	-.008495	.7520426	-.045228	.0051572	67.94865	.8827422
Stddev	.0047891	.000908	.0019444	.006201	.0023122	.30630	.0029346
%RSD	4.225935	10.68474	.2585485	13.71021	44.83326	.4507812	.3324440
#1	.1180212	-.008252	.7512646	-.038180	.0062389	68.01000	.8838279
#2	.1135099	-.009500	.7542555	-.049846	.0025025	67.61632	.8794195
#3	.1084482	-.007735	.7506076	-.047659	.0067303	68.21964	.8849793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063534	.0078174	21.31670	.1145188	.1082918	.2191234	210.8377
Stddev	.0000296	.0001882	.04752	.0003832	.0006729	.0031021	.6828
%RSD	.4666423	2.407634	.2229089	.3345920	.6213335	1.415692	.3238402
#1	.0063501	.0078433	21.34938	.1145345	.1089983	.2184893	210.9237
#2	.0063255	.0079913	21.26219	.1141280	.1076586	.2163874	210.1160
#3	.0063845	.0076176	21.33854	.1148939	.1082184	.2224936	211.4735

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.470594	14.41210	.2161453	-.004693	1.467945	.1896612	.8983263
Stddev	.029110	.03310	.0004559	.000536	.208014	.0031640	.0122076
%RSD	.5321247	.2296698	.2109384	11.42595	14.17042	1.668228	1.358924
#1	5.469971	14.44989	.2166693	-.004074	1.708134	.1868676	.9123069
#2	5.441799	14.39816	.2159273	-.005015	1.349142	.1930970	.8928960
#3	5.500010	14.38825	.2158393	-.004990	1.346558	.1890189	.8897761

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.749479	5.512798	.1056321	.0255548	1.081175	1.587077	.0290686
Stddev	.079881	.007721	.0018345	.0004292	.007753	.025494	.0012806
%RSD	1.389354	.1400600	1.736693	1.679678	.7170620	1.606335	4.405591
#1	5.683906	5.507046	.1076979	.0255122	1.079085	1.567330	.0281319
#2	5.726087	5.509774	.1050051	.0260037	1.089759	1.578044	.0285461
#3	5.838444	5.521574	.1041933	.0251484	1.074682	1.615857	.0305279

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3032-02 Acquired: 06/29/2024 12:05:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11E8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5681690	.1729621	.0645197
Stddev	.0039162	.0019718	.0002692
%RSD	.6892707	1.140030	.4172422
#1	.5722364	.1733067	.0646927
#2	.5644239	.1708406	.0642095
#3	.5678467	.1747388	.0646567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2034.800	34086.46	4586.907	1111.002	2786.255
Stddev	3.680	160.22	22.195	9.010	3.490
%RSD	.1808394	.4700292	.4838842	.8109705	.1252417
#1	2030.576	33973.12	4605.121	1105.269	2783.172
#2	2037.313	34016.51	4593.415	1106.351	2785.551
#3	2036.512	34269.76	4562.185	1121.387	2790.043

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3032-01LX5 Acquired: 06/29/2024 12:10:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11E8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0274115	-.002452	.1466167	-.008752	-.000514	14.75541	.1946079
Stddev	.0034511	.001552	.0011140	.005483	.003300	.13204	.0010305
%RSD	12.59001	63.29202	.7598085	62.65195	642.2789	.8948251	.5295180
#1	.0238468	-.000845	.1458938	-.015056	.000299	14.88708	.1957470
#2	.0276512	-.002569	.1478996	-.005084	.002304	14.62301	.1943362
#3	.0307365	-.003943	.1460567	-.006117	-.004145	14.75614	.1937405

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014036	.0013778	4.699150	.0249868	.0225035	.0485492	47.27130
Stddev	.0001207	.0000042	.046744	.0006023	.0004318	.0015664	.41092
%RSD	8.597361	.3074230	.9947231	2.410475	1.918761	3.226317	.8692786
#1	.0015422	.0013775	4.750976	.0243832	.0221434	.0467463	47.70179
#2	.0013471	.0013821	4.660179	.0249894	.0223850	.0493258	46.88325
#3	.0013216	.0013737	4.686296	.0255878	.0229822	.0495755	47.22886

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.266456	3.204868	.0447356	-.001378	.6896550	.0449876	.2005286
Stddev	.006324	.019317	.0008988	.000302	.1476618	.0013952	.0047887
%RSD	.4993571	.6027512	2.009099	21.89357	21.41096	3.101334	2.388041
#1	1.273002	3.225903	.0452011	-.001035	.7176412	.0450575	.2057117
#2	1.260379	3.187923	.0436995	-.001498	.8213210	.0435588	.1962686
#3	1.265988	3.200778	.0453061	-.001602	.5300028	.0463466	.1996056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9283204	1.093606	.0235658	.0053571	.2098388	.5275750	.0063476
Stddev	.0875470	.006398	.0007717	.0001668	.0011364	.0193695	.0003239
%RSD	9.430684	.5850467	3.274439	3.113913	.5415469	3.671424	5.102374
#1	1.027245	1.087037	.0243752	.0053107	.2088285	.5491588	.0066682
#2	.860832	1.099819	.0228384	.0055423	.2110691	.5117054	.0060205
#3	.896885	1.093963	.0234838	.0052185	.2096188	.5218607	.0063539

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3032-01LX5 Acquired: 06/29/2024 12:10:01 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: E11E8L Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1307329	.0589228	.0139087
Stddev	.0013051	.0039968	.0001227
%RSD	.9982779	6.783136	.8824526
#1	.1300077	.0634250	.0140243
#2	.1299514	.0575500	.0137799
#3	.1322395	.0557932	.0139219

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.575	31424.92	4156.112	1023.384	2849.884
Stddev	5.874	158.93	32.205	4.316	11.350
%RSD	.3123308	.5057365	.7748807	.4216971	.3982646
#1	1878.097	31529.62	4131.315	1026.354	2849.581
#2	1887.282	31503.10	4192.510	1025.364	2861.383
#3	1876.347	31242.05	4144.510	1018.433	2838.689

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3032-03 Acquired: 06/29/2024 12:14:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11E8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1928002	.0775159	.9099010	.0231003	.1465163	75.34719	4.619827
Stddev	.0040412	.0025362	.0069349	.0036908	.0044890	1.20060	.064188
%RSD	2.096077	3.271895	.7621651	15.97716	3.063795	1.593429	1.389411
#1	.1968787	.0791942	.9124007	.0258573	.1480306	76.73324	4.693833
#2	.1927246	.0745983	.9020628	.0189074	.1414660	74.67845	4.579297
#3	.1887973	.0787552	.9152396	.0245362	.1500522	74.62988	4.586350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989289	.1034248	26.05646	.4918804	1.019988	.6771990	244.5655
Stddev	.0014464	.0006563	.38296	.0033695	.007658	.0164997	3.5116
%RSD	1.462089	.6346025	1.469726	.6850167	.7508024	2.436459	1.435867
#1	.1005990	.1033334	26.49866	.4880002	1.022648	.6959426	248.6165
#2	.0980799	.1028189	25.83689	.4935722	1.011354	.6648693	242.3866
#3	.0981078	.1041220	25.83384	.4940686	1.025961	.6707853	242.6933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.567823	14.66187	1.109669	.0657932	1.330469	1.078843	1.705946
Stddev	.089718	.25506	.007896	.0003598	.346564	.016761	.002198
%RSD	1.366020	1.739625	.7115242	.5469023	26.04828	1.553609	.1288214
#1	6.670919	14.95602	1.112876	.0659526	1.294136	1.096900	1.707419
#2	6.507460	14.50194	1.100675	.0660459	1.693769	1.063782	1.706999
#3	6.525091	14.52765	1.115457	.0653812	1.003503	1.075848	1.703420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.159882	5.381669	.1227831	.4964810	1.146530	2.131416	.0723748
Stddev	.110826	.048307	.0017461	.0040383	.014594	.032786	.0019991
%RSD	1.799162	.8976196	1.422093	.8133790	1.272895	1.538226	2.762226
#1	6.276773	5.384589	.1243972	.4968750	1.157993	2.161666	.0744101
#2	6.146543	5.331968	.1209297	.4922601	1.130101	2.096578	.0704139
#3	6.056328	5.428450	.1230223	.5003078	1.151496	2.136005	.0723003

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P3032-03 Acquired: 06/29/2024 12:14:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: E11E8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8127747	.1756900	.0755401
Stddev	.0148802	.0024986	.0014738
%RSD	1.830786	1.422148	1.950972
#1	.8297540	.1778532	.0772252
#2	.8020052	.1762615	.0744921
#3	.8065651	.1729551	.0749029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.783	33722.26	4493.446	1099.397	2746.046
Stddev	12.043	238.93	54.268	11.746	19.259
%RSD	.6006889	.7085332	1.207717	1.068362	.7013231
#1	2000.317	33942.88	4431.645	1112.715	2735.279
#2	2018.421	33468.47	4515.377	1090.518	2768.280
#3	1995.612	33755.42	4533.317	1094.958	2734.578

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-01 Acquired: 06/29/2024 12:18:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.476519	-.014388	.9561014	-.059365	.0134603	95.66710
Stddev	.010893	.001755	.0012263	.003942	.0029390	.59108
%RSD	.7377699	12.19876	.1282607	6.639627	21.83469	.6178488
#1	1.470463	-.016411	.9574777	-.061777	.0122795	96.34810
#2	1.470000	-.013268	.9551248	-.061502	.0112954	95.36594
#3	1.489095	-.013485	.9557017	-.054817	.0168061	95.28725

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9818166	.0043721	.0182753	58.10293	.0837558	.1389264
Stddev	.0039111	.0001219	.0000651	.28056	.0003174	.0005952
%RSD	.3983577	2.788757	.3560799	.4828740	.3790112	.4283997
#1	.9862540	.0042619	.0182101	58.42573	.0841168	.1387128
#2	.9803248	.0045031	.0182755	57.96534	.0836304	.1395989
#3	.9788708	.0043513	.0183403	57.91773	.0835203	.1384676

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7946949	241.3208	6.543187	51.60765	.1553949	-.002496
Stddev	.0058300	1.6079	.030817	.18907	.0011667	.000188
%RSD	.7336081	.6663016	.4709796	.3663535	.7507635	7.538438
#1	.7980715	243.1706	6.578488	51.78710	.1546506	-.002285
#2	.7980500	240.2581	6.529419	51.41024	.1547946	-.002558
#3	.7879630	240.5335	6.521654	51.62561	.1567394	-.002646

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.537364	.3605509	2.115580	20.12745	F 14.95353	.1119401
Stddev	.053220	.0046894	.033304	.22930	.01815	.0038212
%RSD	3.461771	1.300611	1.574230	1.139237	.1213859	3.413593
#1	1.563523	.3650385	2.151084	20.34899	14.93378	.1156315
#2	1.476127	.3609314	2.085030	20.14226	14.96949	.1080012
#3	1.572442	.3556829	2.110626	19.89111	14.95732	.1121876

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-01 Acquired: 06/29/2024 12:18:46 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4A6 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001532	2.675808	2.727401	.0025476	1.117086	.1644321
Stddev	.0001645	.016903	.022484	.0016046	.003546	.0011666
%RSD	107.3452	.6316788	.8243682	62.98284	.3174330	.7094927
#1	.0003336	2.675468	2.704091	.0008042	1.120965	.1635005
#2	.0000116	2.659078	2.748956	.0028762	1.114011	.1640551
#3	.0001144	2.692878	2.729155	.0039625	1.116281	.1657405

Elem	Sr4077
Units	ppm
Avg	.1391233
Stddev	.0006837
%RSD	.4914041
#1	.1397745
#2	.1391843
#3	.1384112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.960	34004.39	4675.043	1105.707	2610.311
Stddev	2.250	78.97	10.316	8.666	6.633
%RSD	.1107890	.2322381	.2206624	.7837811	.2541113
#1	2033.320	33957.72	4683.393	1096.029	2617.163
#2	2030.721	33959.88	4663.511	1112.749	2603.921
#3	2028.840	34095.57	4678.224	1108.342	2609.851

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-02 Acquired: 06/29/2024 12:23:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3518092	-.010842	.4040366	-.039598	.0092612	71.37168
Stddev	.0020112	.002398	.0008885	.003012	.0013035	.62862
%RSD	.5716863	22.12088	.2198943	7.606878	14.07487	.8807645
#1	.3503550	-.009532	.4049967	-.036124	.0107283	71.23092
#2	.3541044	-.009385	.4032434	-.041181	.0088188	70.82538
#3	.3509681	-.013611	.4038699	-.041488	.0082364	72.05875

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7773207	.0036384	.0099442	49.27735	.0646547	.0927299
Stddev	.0032176	.0001476	.0001924	.22322	.0000798	.0000725
%RSD	.4139401	4.057761	1.934720	.4529769	.1233540	.0781646
#1	.7765408	.0034748	.0097930	49.22328	.0646078	.0927456
#2	.7745646	.0037617	.0098787	49.08614	.0646095	.0927933
#3	.7808565	.0036787	.0101608	49.52263	.0647468	.0926509

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3765969	174.6201	4.710678	36.78541	.1154406	-.003192
Stddev	.0034354	.9437	.018511	.11891	.0001645	.000420
%RSD	.9122274	.5404584	.3929500	.3232625	.1424838	13.15496
#1	.3762057	174.8900	4.709019	36.71383	.1153600	-.003585
#2	.3733739	173.5708	4.693053	36.71972	.1153319	-.002749
#3	.3802112	175.3994	4.729962	36.92267	.1156298	-.003242

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.163968	.2695945	1.180094	19.05923	F 10.37873	.0882777
Stddev	.258755	.0017046	.023234	.18648	.04311	.0004796
%RSD	22.23045	.6322814	1.968833	.9784343	.4153760	.5433087
#1	1.159147	.2676668	1.154258	19.16283	10.37799	.0878250
#2	.907657	.2702141	1.199273	18.84395	10.33599	.0887803
#3	1.425101	.2709027	1.186752	19.17092	10.42220	.0882277

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-02 Acquired: 06/29/2024 12:23:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000333	4.601834	2.302892	-.002177	.9200049	.1237945
Stddev	.0006880	.019392	.017709	.001472	.0113532	.0038261
%RSD	2064.608	.4214039	.7689706	67.59483	1.234039	3.090674
#1	.0005575	4.593953	2.317966	-.003874	.9156251	.1259890
#2	.0002881	4.587622	2.283389	-.001411	.9114939	.1260179
#3	-.000746	4.623926	2.307320	-.001246	.9328957	.1193765

Elem	Sr4077
Units	ppm
Avg	.1229427
Stddev	.0014892
%RSD	1.211326
#1	.1228404
#2	.1215072
#3	.1244804

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.070	33659.58	4592.507	1096.052	2664.555
Stddev	4.156	165.28	29.254	4.263	4.051
%RSD	.2065443	.4910344	.6369948	.3889441	.1520148
#1	2007.616	33723.63	4559.966	1097.998	2662.898
#2	2015.843	33471.86	4616.627	1091.164	2669.171
#3	2012.750	33783.25	4600.929	1098.995	2661.596

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-03 Acquired: 06/29/2024 12:27:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8933972	-.015010	1.087343	-.057578	.0181627	92.07179
Stddev	.0117014	.004129	.002343	.002151	.0024802	.46022
%RSD	1.309765	27.50814	.2154958	3.735839	13.65566	.4998502
#1	.8949558	-.013044	1.088511	-.057601	.0199373	91.96704
#2	.8809946	-.019754	1.084645	-.055416	.0192221	92.57535
#3	.9042412	-.012232	1.088872	-.059718	.0153287	91.67296

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9320011	.0044888	.0185415	48.85983	.0921640	.1369276
Stddev	.0011526	.0001888	.0000901	.14989	.0008620	.0005766
%RSD	.1236724	4.205889	.4860969	.3067824	.9353123	.4211014
#1	.9308895	.0046656	.0185560	48.72481	.0912985	.1366934
#2	.9331908	.0042899	.0184450	49.02112	.0930225	.1365050
#3	.9319229	.0045108	.0186235	48.83356	.0921711	.1375845

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7562377	249.5146	6.185230	48.86138	.1544291	-.000816
Stddev	.0071593	1.4743	.028408	.13081	.0009108	.000249
%RSD	.9467034	.5908604	.4592888	.2677186	.5897627	30.48209
#1	.7580840	249.2360	6.181120	48.74471	.1549610	-.000780
#2	.7622930	251.1083	6.215469	49.00280	.1533775	-.000587
#3	.7483361	248.1995	6.159101	48.83663	.1549488	-.001081

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.744419	.3639478	2.293312	22.30882	F 13.75485	.1143899
Stddev	.127667	.0044643	.013565	.18950	.03081	.0027544
%RSD	7.318611	1.226642	.5915076	.8494221	.2240148	2.407908
#1	1.851987	.3618199	2.282491	22.36246	13.77326	.1142002
#2	1.777933	.3690779	2.308530	22.46572	13.71928	.1172342
#3	1.603338	.3609455	2.288914	22.09829	13.77201	.1117352

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-03 Acquired: 06/29/2024 12:27:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005236	2.546243	2.733399	.0000908	1.277535	.1563001
Stddev	.0006764	.012194	.012655	.0009499	.004604	.0029699
%RSD	129.1815	.4788905	.4629910	1046.439	.3603732	1.900131
#1	.0012747	2.542405	2.737433	.0003236	1.275601	.1588313
#2	-.000037	2.536431	2.743545	.0009026	1.282790	.1530307
#3	.000333	2.559894	2.719218	-.000954	1.274214	.1570383

Elem	Sr4077
Units	ppm
Avg	.1377033
Stddev	.0011064
%RSD	.8034988
#1	.1382292
#2	.1384488
#3	.1364320

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.527	33425.30	4625.004	1094.056	2611.387
Stddev	3.085	120.43	15.523	3.446	5.738
%RSD	.1533057	.3602875	.3356265	.3149995	.2197463
#1	2012.621	33368.84	4615.522	1097.783	2607.556
#2	2015.564	33563.58	4616.572	1093.403	2617.985
#3	2009.395	33343.47	4642.918	1090.984	2608.620

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2835-04 Acquired: 06/29/2024 12:31:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2225569	-.005382	.2788929	-.038323	.0092738	68.33847
Stddev	.0067201	.001725	.0020400	.004154	.0027149	2.35403
%RSD	3.019481	32.04681	.7314656	10.84058	29.27530	3.444670
#1	.2300453	-.004532	.2765768	-.034462	.0111684	65.83483
#2	.2205739	-.007366	.2796791	-.037789	.0061634	70.50699
#3	.2170514	-.004247	.2804228	-.042719	.0104895	68.67357

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.530131	.0035232	.0088561	49.58336	.0496678	.0948653
Stddev	.044754	.0001510	.0002805	1.41037	.0009187	.0002282
%RSD	2.924864	4.287097	3.167606	2.844432	1.849631	.2405171
#1	1.483208	.0036735	.0091337	48.08445	.0504847	.0949633
#2	1.572344	.0033715	.0085727	50.88426	.0498455	.0950280
#3	1.534841	.0035246	.0088618	49.78138	.0486733	.0946045

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3452872	172.5112	11.50165	37.82227	.1153068	-.004127
Stddev	.0136991	5.5078	.35664	1.11969	.0005981	.000335
%RSD	3.967464	3.192716	3.100777	2.960387	.5187183	8.112252
#1	.3299639	166.7927	11.11661	36.59953	.1149692	-.004509
#2	.3563495	177.7808	11.82066	38.79748	.1149539	-.003986
#3	.3495481	172.9601	11.56768	38.06981	.1159974	-.003886

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.111513	.2749043	.8916874	17.55337	F 12.36903	.0875173
Stddev	.143848	.0081021	.0199167	.55637	.03361	.0046265
%RSD	12.94164	2.947237	2.233595	3.169613	.2717168	5.286361
#1	.973817	.2659718	.8763921	16.95943	12.40714	.0821780
#2	1.260811	.2817792	.9142083	18.06242	12.35629	.0903390
#3	1.099911	.2769620	.8844618	17.63826	12.34365	.0900349

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-04 Acquired: 06/29/2024 12:31:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000954	3.125430	2.412796	-.001541	.8579995	.1273163
Stddev	.000133	.008793	.054169	.001657	.0302083	.0065226
%RSD	13.98632	.2813227	2.245061	107.5679	3.520784	5.123130
#1	-.001090	3.129627	2.357504	-.002157	.8247784	.1201844
#2	-.000950	3.131338	2.465767	-.002801	.8838194	.1329790
#3	-.000823	3.115326	2.415115	.000337	.8654007	.1287855

Elem	Sr4077
Units	ppm
Avg	.1478539
Stddev	.0049994
%RSD	3.381344
#1	.1425586
#2	.1524926
#3	.1485104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.245	33533.19	4602.116	1090.386	2651.271
Stddev	.952	124.91	89.621	1.718	1.501
%RSD	.0472295	.3724853	1.947383	.1575997	.0566286
#1	2015.505	33533.96	4699.955	1091.290	2651.993
#2	2015.910	33657.71	4523.999	1088.404	2649.545
#3	2017.319	33407.90	4582.393	1091.463	2652.275

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-05 Acquired: 06/29/2024 12:36:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2303871	-.007174	.2911617	-.040662	.0054417	70.18625
Stddev	.0037517	.004430	.0036578	.006488	.0016382	.76333
%RSD	1.628415	61.75549	1.256286	15.95712	30.10411	1.087579
#1	.2327803	-.003657	.2952184	-.044070	.0063307	71.06404
#2	.2260633	-.012150	.2901515	-.044736	.0064433	69.81652
#3	.2323177	-.005715	.2881151	-.033179	.0035512	69.67818

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.521152	.0035492	.0089322	51.09717	.0515540	.0981377
Stddev	.016993	.0001289	.0002059	.57373	.0016841	.0008108
%RSD	1.117117	3.631163	2.305664	1.122824	3.266607	.8261448
#1	1.540679	.0034348	.0091346	51.75965	.0496101	.0990258
#2	1.513052	.0036888	.0089392	50.76671	.0524834	.0974370
#3	1.509723	.0035239	.0087229	50.76514	.0525687	.0979504

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3558599	176.7151	11.43119	38.80132	.1190446	-.003442
Stddev	.0033151	1.6909	.10179	.28633	.0010742	.000565
%RSD	.9315684	.9568354	.8904926	.7379506	.9023657	16.40086
#1	.3520990	178.6669	11.54873	39.12269	.1201732	-.002812
#2	.3583580	175.7826	11.37281	38.70796	.1189259	-.003613
#3	.3571226	175.6958	11.37202	38.57332	.1180346	-.003901

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9461592	.2809051	.8609013	18.43944	F 12.91997	.0873476
Stddev	.1616660	.0049023	.0085268	.17718	.12596	.0035458
%RSD	17.08656	1.745195	.9904452	.9608644	.9748911	4.059434
#1	1.127351	.2864879	.8531532	18.54666	13.06357	.0914113
#2	.894462	.2773029	.8595143	18.23493	12.86815	.0857490
#3	.816665	.2789246	.8700366	18.53673	12.82819	.0848826

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2835-05 Acquired: 06/29/2024 12:36:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001330	3.349671	2.484921	-.003438	.8742591	.1344895
Stddev	.000345	.033174	.019442	.001832	.0118280	.0025803
%RSD	25.91190	.9903754	.7823791	53.27971	1.352915	1.918582
#1	-.000932	3.387867	2.482445	-.005348	.8877075	.1369722
#2	-.001518	3.333090	2.505482	-.003273	.8695981	.1318216
#3	-.001539	3.328056	2.466836	-.001695	.8654718	.1346747

Elem	Sr4077
Units	ppm
Avg	.1515401
Stddev	.0009526
%RSD	.6286125
#1	.1524728
#2	.1515787
#3	.1505688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2024.009	33506.30	4574.376	1098.895	2639.178
Stddev	13.409	235.46	13.470	11.844	22.620
%RSD	.6624724	.7027409	.2944628	1.077774	.8570686
#1	2008.678	33776.93	4562.572	1112.363	2613.067
#2	2029.803	33393.64	4571.506	1094.217	2651.676
#3	2033.546	33348.33	4589.049	1090.104	2652.791

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-04LX5 Acquired: 06/29/2024 12:40:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467805	-.001249	.0556793	-.010519	.0021842	15.04258	.3380180
Stddev	.0036784	.001107	.0016645	.003483	.0012289	.10938	.0015613
%RSD	7.863045	88.69582	2.989433	33.10776	56.26601	.7271332	.4619100
#1	.0435091	-.002366	.0537578	-.008420	.0028463	14.91628	.3363677
#2	.0460701	-.001229	.0566048	-.014539	.0029401	15.10442	.3394717
#3	.0507622	-.000151	.0566754	-.008598	.0007661	15.10702	.3382145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008278	.0015371	11.06667	.0106210	.0190535	.0825963	39.39335
Stddev	.0001156	.0000212	.03470	.0003659	.0003775	.0035944	.25539
%RSD	13.96519	1.381831	.3135469	3.445125	1.981052	4.351731	.6483004
#1	.0007124	.0015149	11.03324	.0103438	.0186233	.0851544	39.09934
#2	.0008275	.0015573	11.10251	.0110357	.0192084	.0784868	39.52060
#3	.0009436	.0015391	11.06426	.0104835	.0193289	.0841477	39.56012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.639795	8.340754	.0239039	-.000892	.1637029	.0620626	.1934935
Stddev	.011740	.101251	.0004124	.000535	.1235167	.0006938	.0065005
%RSD	.4447436	1.213935	1.725378	60.00181	75.45177	1.117828	3.359539
#1	2.627448	8.317881	.0239092	-.000733	.0213369	.0613173	.1956319
#2	2.641122	8.451485	.0243136	-.000454	.2423246	.0626897	.1861932
#3	2.650816	8.252895	.0234888	-.001488	.2274470	.0621807	.1986554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.795101	2.499938	.0199379	-.000330	.6208776	.5516323	-.000248
Stddev	.083977	.005600	.0010724	.000256	.0040966	.0024722	.001086
%RSD	2.212778	.2240192	5.378595	77.69036	.6598026	.4481688	437.4411
#1	3.838824	2.505735	.0193488	-.000335	.6225575	.5491415	-.001461
#2	3.848195	2.494557	.0211757	-.000583	.6162081	.5516698	.000636
#3	3.698283	2.499521	.0192892	-.000071	.6238672	.5540856	.000080

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-04LX5 Acquired: 06/29/2024 12:40:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1886478	.0483895	.0335242
Stddev	.0012424	.0017280	.0002747
%RSD	.6585809	3.570980	.8195636
#1	.1884491	.0464703	.0332402
#2	.1899775	.0498217	.0335439
#3	.1875167	.0488764	.0337887

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.584	31032.51	4244.198	1021.491	2783.484
Stddev	.648	38.95	9.713	6.248	2.130
%RSD	.0345365	.1255248	.2288447	.6116109	.0765328
#1	1877.315	31074.94	4255.373	1023.676	2785.919
#2	1877.113	30998.36	4239.425	1014.445	2781.962
#3	1878.324	31024.24	4237.794	1026.353	2782.572

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-06 Acquired: 06/29/2024 12:45:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4A9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4209373	.0806526	.4234810	.0289280	.1383633	78.27999
Stddev	.0053813	.0011201	.0023010	.0071780	.0038649	2.11807
%RSD	1.278409	1.388792	.5433472	24.81322	2.793310	2.705765
#1	.4200894	.0817587	.4227342	.0367458	.1406907	78.90127
#2	.4160303	.0806801	.4216462	.0226348	.1339019	75.92076
#3	.4266922	.0795190	.4260626	.0274034	.1404973	80.01795

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.447629	.0920175	.1076405	62.08380	.4908074	1.060677
Stddev	.122337	.0026603	.0001992	1.82938	.0005736	.001161
%RSD	2.750619	2.891058	.1850376	2.946632	.1168677	.1095004
#1	4.482289	.0931372	.1074548	62.59982	.4909683	1.060244
#2	4.311701	.0889804	.1078508	60.05183	.4901705	1.059794
#3	4.548897	.0939349	.1076159	63.59974	.4912833	1.061992

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9078284	195.1889	6.687896	40.19214	1.171446	.0680787
Stddev	.0272864	5.3758	.184497	1.07629	.001528	.0008031
%RSD	3.005682	2.754142	2.758663	2.677871	.1304148	1.179724
#1	.9103775	196.7065	6.747331	40.53989	1.172998	.0683865
#2	.8793569	189.2175	6.481008	38.98496	1.169944	.0671671
#3	.9337509	199.6428	6.835350	41.05156	1.171397	.0686823

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.159698	1.150309	1.715432	21.50520	F 12.98153	.0951624
Stddev	.292165	.040426	.019781	.52774	.00820	.0034342
%RSD	25.19324	3.514389	1.153120	2.454012	.0631369	3.608781
#1	1.406383	1.164371	1.693277	21.61498	12.98954	.0961846
#2	1.235654	1.104730	1.731322	20.93120	12.97316	.0913332
#3	.837055	1.181826	1.721697	21.96941	12.98189	.0979695

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-06 Acquired: 06/29/2024 12:45:10 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4A9S Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4461887	6.199180	3.904551	-.002024	.8835563	.1423745
Stddev	.0005434	.015295	.120151	.000727	.0228832	.0024036
%RSD	.1217912	.2467209	3.077193	35.92012	2.589895	1.688233
#1	.4462108	6.210606	3.952628	-.002861	.8898670	.1444755
#2	.4467208	6.205128	3.767806	-.001664	.8581800	.1397534
#3	.4456346	6.181804	3.993218	-.001548	.9026219	.1428947

Elem	Sr4077
Units	ppm
Avg	.1353327
Stddev	.0036696
%RSD	2.711553
#1	.1362440
#2	.1312933
#3	.1384608

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2040.992	33735.25	4724.957	1113.747	2646.056
Stddev	3.940	141.24	121.011	4.382	5.847
%RSD	.1930255	.4186795	2.561094	.3934287	.2209547
#1	2038.251	33866.56	4685.700	1117.708	2640.636
#2	2045.506	33585.83	4860.722	1109.040	2652.252
#3	2039.218	33753.37	4628.449	1114.493	2645.281

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV093 Acquired: 06/29/2024 12:49:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.959032	4.794726	24.42563	4.718857	4.925942	403.8820	10.11854
Stddev	.005437	.004747	.04251	.009718	.013178	2.5136	.05488
%RSD	.1096476	.0990105	.1740306	.2059421	.2675125	.6223597	.5423821
#1	4.963198	4.789519	24.46304	4.728724	4.929859	405.6509	10.16434
#2	4.952881	4.795844	24.37941	4.709295	4.911250	404.9905	10.13358
#3	4.961017	4.798814	24.43445	4.718552	4.936717	401.0047	10.05771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5193113	2.525099	400.9113	15.29291	2.477859	14.80383	387.1206
Stddev	.0049086	.007695	2.3031	.02880	.004994	.07720	2.8769
%RSD	.9452045	.3047336	.5744703	.1883254	.2015455	.5214982	.7431420
#1	.5244037	2.527249	403.1428	15.27454	2.480205	14.84151	389.5731
#2	.5146100	2.516558	401.0483	15.27808	2.472124	14.85495	387.8346
#3	.5189202	2.531491	398.5427	15.32610	2.481248	14.71502	383.9539

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92842	385.6816	2.469835	1.281862	403.3571	2.551325	14.30324
Stddev	.09466	2.7350	.004265	.006105	1.7211	.022937	.10653
%RSD	.6340826	.7091358	.1726948	.4762390	.4266995	.8990176	.7448111
#1	15.01107	387.9464	2.470271	1.277760	405.1260	2.574423	14.33589
#2	14.94905	386.4552	2.465368	1.288878	403.2574	2.550998	14.38963
#3	14.82515	382.6431	2.473865	1.278949	401.6881	2.528553	14.18420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	156.2017	5.008698	5.034562	4.815241	4.986622	5.195276	5.023932
Stddev	.4777	.028566	.024731	.006143	.007712	.039166	.007184
%RSD	.3058159	.5703333	.4912240	.1275805	.1546615	.7538711	.1429971
#1	156.3429	5.037813	5.062893	4.809951	4.989765	5.232879	5.027017
#2	156.5928	4.980715	5.017292	4.813792	4.977834	5.154715	5.015720
#3	155.6693	5.007564	5.023500	4.821979	4.992266	5.198233	5.029058

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV093 Acquired: 06/29/2024 12:49:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.863969	5.073759	4.946505
Stddev	.041312	.013939	.020187
%RSD	.8493547	.2747210	.4081113
#1	4.892186	5.087330	4.940718
#2	4.883170	5.059480	4.929842
#3	4.816551	5.074469	4.968953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1489.777	26254.62	3788.181	813.8129	2077.256
Stddev	1.393	131.12	11.310	3.0649	2.167
%RSD	.0935230	.4994247	.2985543	.3766116	.1042997
#1	1490.851	26379.49	3775.244	816.7315	2075.007
#2	1490.277	26118.03	3796.194	810.6201	2079.329
#3	1488.202	26266.35	3793.106	814.0871	2077.434

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB093 Acquired: 06/29/2024 12:53:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000105	.0004031	.0010277	-.005482	-.001434	.0068624
Stddev	.002340	.0006577	.0011747	.004825	.001966	.0024131
%RSD	2228.545	163.1537	114.3115	88.02064	137.0932	35.16409
#1	.000160	-.000228	.0018025	-.003714	-.001427	.0076142
#2	-.002567	.000353	-.000324	-.001790	-.003405	.0041629
#3	.002092	.001085	.001604	-.010942	.000528	.0088100

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008287	.0001023	.0000738	.0260320	.0003857	.0000843
Stddev	.0000941	.0000682	.0002031	.0019768	.0002907	.0000836
%RSD	11.35046	66.65691	275.4477	7.593777	75.37822	99.20047
#1	.0008324	.0000838	.0001500	.0277215	.0007129	-.000007
#2	.0007328	.0001779	-.000156	.0265165	.0001568	.000102
#3	.0009208	.0000453	.000228	.0238579	.0002875	.000158

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000712	.0179992	.0007758	.0081882	-.000296	-.000357
Stddev	.0029924	.0293382	.0006978	.0221323	.000318	.000372
%RSD	4202.006	162.9975	89.94476	270.2947	107.4796	104.2610
#1	-.000104	.0512768	.0015123	-.011283	-.000620	.000045
#2	-.002830	-.004133	.0001245	.003589	-.000284	-.000426
#3	.003147	.006854	.0006907	.032259	.000016	-.000689

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143099	.0015619	.0067039	.2762805	-.000591	.0109398
Stddev	.1859349	.0041289	.0051594	.1032270	.002289	.0007350
%RSD	162.6586	264.3443	76.96100	37.36313	387.3142	6.718190
#1	.0516779	-.002444	.0049734	.3463137	-.003207	.0101991
#2	-.032222	.005803	.0026322	.3247943	.000394	.0116689
#3	.323473	.001327	.0125061	.1577334	.001040	.0109516

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB093 Acquired: 06/29/2024 12:53:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003811	.0027726	.0014407	-.000217	-.000756	F .0281781
Stddev	.0004213	.0032082	.0003269	.000732	.002181	.0008736
%RSD	110.5521	115.7112	22.68706	336.7525	288.4456	3.100431
#1	.0005108	.0034230	.0011896	.000086	.000624	.0271701
#2	-.000090	-.000711	.0013223	.000314	.000378	.0287158
#3	.000722	.005606	.0018103	-.001052	-.003271	.0286485

Elem	Sr4077
Units	ppm
Avg	.0001324
Stddev	.0001366
%RSD	103.2202
#1	-.000017
#2	.000163
#3	.000251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.032	31367.07	4035.648	1025.830	2905.349
Stddev	2.723	533.62	4.729	18.479	5.267
%RSD	.1470537	1.701220	.1171895	1.801417	.1813030
#1	1855.050	31105.53	4032.050	1014.946	2908.630
#2	1851.289	31014.67	4041.005	1015.376	2908.143
#3	1849.757	31981.01	4033.890	1047.166	2899.273

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-07 Acquired: 06/29/2024 12:58:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3210099	-.013475	.3927411	-.049442	.0109487	77.89976
Stddev	.0101170	.001701	.0052737	.004474	.0011232	.65966
%RSD	3.151603	12.62085	1.342780	9.048522	10.25872	.8468064
#1	.3180844	-.011712	.3866592	-.047917	.0099056	77.71280
#2	.3126780	-.015105	.3960463	-.045930	.0108027	78.63272
#3	.3322672	-.013609	.3955177	-.054478	.0121377	77.35376

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.037218	.0041642	.0117646	46.54030	.0912813	.1184262
Stddev	.007875	.0001163	.0001359	.32933	.0010537	.0012641
%RSD	.7592720	2.792721	1.154897	.7076235	1.154300	1.067453
#1	1.032188	.0040958	.0116750	46.38034	.0924864	.1171706
#2	1.046294	.0042985	.0119209	46.91906	.0908241	.1184092
#3	1.033172	.0040984	.0116978	46.32151	.0905335	.1196988

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5500778	201.2570	6.197118	43.36971	.1448057	-.003422
Stddev	.0065655	1.4781	.046795	.37016	.0013708	.000252
%RSD	1.193561	.7344131	.7551056	.8534981	.9466148	7.351552
#1	.5459667	200.6214	6.173394	43.22617	.1440779	-.003138
#2	.5576497	202.9466	6.251024	43.79014	.1439523	-.003617
#3	.5466170	200.2031	6.166937	43.09282	.1463869	-.003510

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.240812	.3145089	1.158495	28.25291	F 12.54382	.1029217
Stddev	.239068	.0036050	.010350	.25177	.15648	.0012230
%RSD	19.26707	1.146237	.8934155	.8911450	1.247462	1.188242
#1	1.054535	.3118968	1.162292	28.20863	12.36954	.1015233
#2	1.510385	.3186219	1.146782	28.52388	12.58964	.1034504
#3	1.157515	.3130080	1.166409	28.02621	12.67227	.1037913

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-07 Acquired: 06/29/2024 12:58:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006079	4.847767	2.476923	-.002795	1.239165	.1336146
Stddev	.0004259	.062283	.034833	.002526	.007203	.0020929
%RSD	70.05795	1.284772	1.406301	90.37363	.5812805	1.566339
#1	.0010772	4.776338	2.466470	.000027	1.237052	.1350841
#2	.0005005	4.890735	2.515785	-.004844	1.247189	.1345414
#3	.0002460	4.876227	2.448513	-.003567	1.233256	.1312184

Elem	Sr4077
Units	ppm
Avg	.1318999
Stddev	.0010294
%RSD	.7804416
#1	.1312985
#2	.1330886
#3	.1313128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.861	33793.76	4604.106	1113.221	2648.426
Stddev	16.748	163.17	30.806	10.467	26.678
%RSD	.8254750	.4828498	.6691075	.9402595	1.007314
#1	2048.153	33677.89	4620.367	1113.180	2678.863
#2	2020.381	33980.36	4568.576	1123.708	2637.316
#3	2018.049	33723.02	4623.375	1102.774	2629.098

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-08 Acquired: 06/29/2024 13:02:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6408579	-.013406	.7518819	-.043089	.0117406	75.89098
Stddev	.0034206	.000856	.0035009	.007408	.0011298	.41721
%RSD	.5337530	6.381790	.4656168	17.19262	9.622936	.5497525
#1	.6410994	-.013448	.7537193	-.034653	.0117414	76.25744
#2	.6441514	-.014240	.7478448	-.048535	.0106104	75.43692
#3	.6373230	-.012530	.7540815	-.046078	.0128700	75.97858

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9200356	.0038587	.0131701	53.92172	.0758538	.0986598
Stddev	.0027888	.0000790	.0001440	.21493	.0011554	.0002539
%RSD	.3031216	2.047957	1.093140	.3985902	1.523214	.2573179
#1	.9219441	.0039375	.0130929	54.05559	.0755031	.0986382
#2	.9168351	.0038591	.0130812	53.67381	.0749144	.0984174
#3	.9213278	.0037794	.0133362	54.03577	.0771440	.0989238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5847182	201.4147	4.215534	39.51736	.1219478	-.002490
Stddev	.0033606	1.0442	.021853	.19634	.0007771	.000276
%RSD	.5747426	.5184143	.5183836	.4968525	.6372731	11.07220
#1	.5875932	202.3134	4.229823	39.61340	.1217404	-.002229
#2	.5810236	200.2693	4.190378	39.29149	.1212954	-.002778
#3	.5855379	201.6615	4.226401	39.64720	.1228076	-.002463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.134972	.2871887	1.819412	22.06151	F 12.16360	.1044274
Stddev	.171527	.0007716	.009518	.04623	.04460	.0022824
%RSD	15.11290	.2686615	.5231214	.2095683	.3666805	2.185666
#1	1.073855	.2880754	1.827267	22.09861	12.15719	.1060037
#2	1.328687	.2866706	1.822142	22.00971	12.12255	.1018101
#3	1.002373	.2868200	1.808828	22.07619	12.21106	.1054685

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-08 Acquired: 06/29/2024 13:02:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010766	3.670953	2.996363	-.002482	1.261857	.1302476
Stddev	.0001428	.008430	.010067	.002568	.009464	.0002520
%RSD	13.26470	.2296480	.3359815	103.4599	.7500291	.1934584
#1	.0011958	3.674570	3.006715	-.000569	1.269693	.1303700
#2	.0011157	3.661318	2.986606	-.005401	1.251342	.1304150
#3	.0009183	3.676971	2.995769	-.001476	1.264536	.1299578

Elem	Sr4077
Units	ppm
Avg	.1316152
Stddev	.0008869
%RSD	.6738981
#1	.1324280
#2	.1306691
#3	.1317485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.432	33706.44	4618.258	1104.785	2654.408
Stddev	4.518	172.54	.728	.130	5.243
%RSD	.2246298	.5118828	.0157698	.0117784	.1975273
#1	2016.278	33905.60	4618.030	1104.639	2655.844
#2	2010.685	33611.37	4617.671	1104.888	2658.784
#3	2007.335	33602.34	4619.073	1104.827	2648.597

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-09 Acquired: 06/29/2024 13:07:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3078449	-.009667	.4006852	-.039924	.0071931	78.68122
Stddev	.0024105	.002455	.0013600	.002850	.0032164	1.61559
%RSD	.7830181	25.39478	.3394063	7.137566	44.71460	2.053339
#1	.3068825	-.006843	.4012114	-.043029	.0104466	79.97063
#2	.3060642	-.010866	.3991407	-.037428	.0071176	79.20409
#3	.3105879	-.011293	.4017034	-.039316	.0040152	76.86895

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9487405	.0038740	.0108402	56.32845	.0752074	.1135628
Stddev	.0158896	.0000722	.0002579	1.04585	.0011403	.0006332
%RSD	1.674813	1.862886	2.379108	1.856696	1.516206	.5575604
#1	.9591146	.0039506	.0105673	57.06526	.0756982	.1133372
#2	.9566594	.0038074	.0110799	56.78867	.0739039	.1130733
#3	.9304476	.0038638	.0108734	55.13141	.0760201	.1142778

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5373560	185.5078	5.599412	43.56750	.1349917	-.004318
Stddev	.0147380	3.5515	.106747	.82293	.0015488	.000586
%RSD	2.742684	1.914466	1.906395	1.888864	1.147357	13.56134
#1	.5504727	188.3103	5.676833	44.21984	.1341477	-.003900
#2	.5401876	186.6994	5.643765	43.83971	.1340483	-.004068
#3	.5214076	181.5138	5.477639	42.64295	.1367793	-.004988

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9581613	.2838287	1.119018	21.21893	F 12.62506	.0980226
Stddev	.0764190	.0020643	.006955	.49909	.08289	.0028390
%RSD	7.975590	.7272912	.6214940	2.352077	.6565160	2.896293
#1	.8699352	.2856981	1.125235	21.68605	12.57196	.0990858
#2	1.000867	.2841747	1.120311	21.27765	12.58265	.1001766
#3	1.003681	.2816133	1.111507	20.69308	12.72057	.0948054

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-09 Acquired: 06/29/2024 13:07:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000521	4.686419	2.687288	-.001093	.8624793	.1498014
Stddev	.000221	.033700	.035286	.000423	.0198268	.0036216
%RSD	42.38702	.7190953	1.313074	38.65845	2.298810	2.417597
#1	-.000275	4.664748	2.708268	-.001493	.8796731	.1498882
#2	-.000587	4.669263	2.707047	-.000651	.8669735	.1533788
#3	-.000701	4.725244	2.646549	-.001134	.8407912	.1461372

Elem	Sr4077
Units	ppm
Avg	.1229048
Stddev	.0025422
%RSD	2.068455
#1	.1253171
#2	.1231473
#3	.1202500

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.309	33879.43	4665.575	1112.197	2643.322
Stddev	10.020	154.28	57.722	1.787	14.348
%RSD	.4981991	.4553856	1.237192	.1606604	.5428174
#1	2014.087	33706.18	4622.179	1113.300	2647.168
#2	2019.648	34001.98	4643.461	1113.155	2655.356
#3	2000.193	33930.14	4731.084	1110.135	2627.443

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-10 Acquired: 06/29/2024 13:11:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2597137	-.012135	.2760277	-.062600	.0212147	94.91905
Stddev	.0095416	.006489	.0030457	.003034	.0023960	.47573
%RSD	3.673908	53.47071	1.103392	4.847099	11.29386	.5011980
#1	.2606130	-.015944	.2786482	-.064482	.0222501	95.02477
#2	.2497543	-.015819	.2726862	-.059100	.0229188	95.33302
#3	.2687739	-.004643	.2767486	-.064219	.0184751	94.39935

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.891369	.0058764	.0106525	51.08191	.1073105	.1880742
Stddev	.002056	.0001294	.0001031	.11237	.0004052	.0003435
%RSD	.1086843	2.201521	.9681292	.2199770	.3775787	.1826123
#1	1.892272	.0059490	.0105691	51.15044	.1076658	.1877410
#2	1.892819	.0059532	.0106206	51.14306	.1068692	.1880545
#3	1.889017	.0057270	.0107678	50.95222	.1073965	.1884271

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5972587	243.7801	9.582639	49.18564	.1985766	-.006769
Stddev	.0030567	1.1185	.021819	.26498	.0007553	.000121
%RSD	.5117907	.4588118	.2276964	.5387320	.3803610	1.782330
#1	.5948106	244.5136	9.588720	48.97243	.1977290	-.006799
#2	.6006847	244.3340	9.600773	49.48230	.1988227	-.006873
#3	.5962809	242.4928	9.558425	49.10220	.1991783	-.006637

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.186978	.4087431	.7032399	29.09405	F 13.18814	.1179126
Stddev	.189931	.0033204	.0037487	.22259	.04554	.0024328
%RSD	16.00119	.8123501	.5330552	.7650619	.3453189	2.063235
#1	1.282571	.4058014	.7059311	29.17604	13.19650	.1184522
#2	1.310121	.4123435	.6989582	29.26402	13.13899	.1200302
#3	.968243	.4080845	.7048303	28.84210	13.22891	.1152552

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-10 Acquired: 06/29/2024 13:11:29 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4B3 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019981	1.313198	2.851123	-.003342	1.307042	.1577450
Stddev	.0007432	.013025	.011451	.000685	.007354	.0016327
%RSD	37.19576	.9918849	.4016205	20.50174	.5626157	1.035003
#1	.0014135	1.326906	2.838351	-.002637	1.306480	.1586323
#2	.0017462	1.311704	2.854549	-.003382	1.314661	.1558608
#3	.0028344	1.300984	2.860470	-.004006	1.299986	.1587418

Elem	Sr4077
Units	ppm
Avg	.1831489
Stddev	.0012278
%RSD	.6703824
#1	.1837859
#2	.1839273
#3	.1817335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2100.284	35029.66	4820.742	1143.225	2602.083
Stddev	1.582	366.46	9.245	12.350	2.518
%RSD	.0753223	1.046134	.1917798	1.080242	.0967720
#1	2099.310	34637.50	4812.547	1129.019	2600.590
#2	2099.432	35363.39	4830.765	1151.404	2604.990
#3	2102.109	35088.10	4818.913	1149.252	2600.669

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-11 Acquired: 06/29/2024 13:15:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5082964	-.015004	.4853074	-.050113	.0146483	81.26693
Stddev	.0030803	.002987	.0061509	.002070	.0018919	.67866
%RSD	.6060029	19.90787	1.267428	4.131486	12.91561	.8350957
#1	.5107791	-.012514	.4785128	-.049886	.0148631	80.48412
#2	.5048493	-.014181	.4869134	-.052288	.0126581	81.62708
#3	.5092609	-.018315	.4904960	-.048166	.0164236	81.68960

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033203	.0042869	.0131751	50.09865	.0852151	.1284822
Stddev	.005687	.0000846	.0002458	.30362	.0009646	.0019366
%RSD	.5504545	1.973085	1.865767	.6060470	1.131992	1.507251
#1	1.026772	.0043056	.0129363	49.75200	.0857542	.1266266
#2	1.037568	.0043606	.0131616	50.31739	.0857897	.1283295
#3	1.035271	.0041945	.0134274	50.22657	.0841015	.1304906

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8078382	210.3902	6.183780	42.69006	.1472217	-.004286
Stddev	.0056393	1.3916	.041376	.38934	.0008597	.000322
%RSD	.6980674	.6614435	.6691004	.9120246	.5839278	7.519912
#1	.8017371	208.7878	6.136076	42.24107	.1462671	-.004428
#2	.8128595	211.2958	6.205359	42.89479	.1474635	-.003917
#3	.8089180	211.0869	6.209906	42.93434	.1479346	-.004513

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.249425	.3381526	1.381674	20.11402	F 12.72433	.1072153
Stddev	.280143	.0034078	.024551	.22506	.15273	.0014475
%RSD	22.42173	1.007762	1.776933	1.118897	1.200301	1.350100
#1	.937645	.3359734	1.403836	19.86232	12.57404	.1056999
#2	1.330648	.3420796	1.385902	20.29587	12.71955	.1073623
#3	1.479981	.3364046	1.355283	20.18387	12.87939	.1085837

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-11 Acquired: 06/29/2024 13:15:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015676	3.137455	2.866855	-.002342	1.092754	.1375262
Stddev	.0006247	.039178	.017801	.002677	.010447	.0022197
%RSD	39.85275	1.248717	.6209094	114.2716	.9560353	1.613998
#1	.0016304	3.100607	2.849624	.000076	1.080710	.1350476
#2	.0021585	3.133151	2.865765	-.005219	1.099364	.1382005
#3	.0009138	3.178607	2.885175	-.001884	1.098189	.1393306

Elem	Sr4077
Units	ppm
Avg	.1451953
Stddev	.0016128
%RSD	1.110749
#1	.1433881
#2	.1457098
#3	.1464881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.362	33449.20	4639.878	1099.326	2638.209
Stddev	7.312	427.10	22.082	13.171	16.708
%RSD	.3628212	1.276859	.4759122	1.198090	.6333173
#1	2021.743	32992.29	4663.784	1085.365	2654.088
#2	2016.961	33516.91	4620.244	1101.085	2639.759
#3	2007.383	33838.40	4635.608	1111.530	2620.780

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-12 Acquired: 06/29/2024 13:20:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6724046	-.013435	.6961818	-.050612	.0195112	95.53157
Stddev	.0041673	.000170	.0040439	.005092	.0030165	1.80641
%RSD	.6197554	1.264578	.5808739	10.06151	15.46023	1.890907
#1	.6728214	-.013245	.6921225	-.045480	.0221090	93.54532
#2	.6680447	-.013491	.7002102	-.050693	.0162029	95.97310
#3	.6763479	-.013571	.6962128	-.055663	.0202217	97.07627

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.104235	.0048249	.0170620	60.02804	.1029335	.1490354
Stddev	.017693	.0001102	.0001052	1.02282	.0006702	.0009294
%RSD	1.602250	2.283673	.6164817	1.703905	.6510779	.6236419
#1	1.084722	.0046982	.0171437	58.90131	.1035693	.1495429
#2	1.108752	.0048984	.0169433	60.28478	.1029976	.1479627
#3	1.119232	.0048780	.0170991	60.89803	.1022336	.1496007

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8411913	235.8886	6.720186	48.74732	.1648478	-.004211
Stddev	.0147016	3.8978	.112463	.64105	.0005527	.000458
%RSD	1.747710	1.652411	1.673505	1.315049	.3352920	10.88241
#1	.8242650	231.5819	6.596061	48.04054	.1642194	-.004284
#2	.8485320	236.9096	6.749196	48.91017	.1650653	-.004629
#3	.8507770	239.1744	6.815302	49.29123	.1652587	-.003721

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.352849	.3654017	1.878047	24.48770	F 14.99191	.1212109
Stddev	.144871	.0069345	.025956	.42960	.00434	.0052578
%RSD	10.70858	1.897774	1.382055	1.754366	.0289191	4.337710
#1	1.299064	.3576833	1.870181	24.00237	14.99267	.1152337
#2	1.242564	.3674150	1.856935	24.64149	14.98724	.1251211
#3	1.516921	.3711067	1.907026	24.81925	14.99581	.1232777

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-12 Acquired: 06/29/2024 13:20:14 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4B5 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007768	5.808558	3.086669	-.001292	1.191011	.1590661
Stddev	.0001157	.007062	.052868	.000537	.020676	.0021992
%RSD	14.89184	.1215839	1.712771	41.54779	1.735996	1.382579
#1	.0006683	5.802739	3.025654	-.001496	1.168609	.1577495
#2	.0008985	5.806518	3.118881	-.000683	1.195062	.1616050
#3	.0007635	5.816415	3.115471	-.001697	1.209361	.1578439

Elem	Sr4077
Units	ppm
Avg	.1752395
Stddev	.0033061
%RSD	1.886639
#1	.1715946
#2	.1760790
#3	.1780450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2052.731	34510.25	4785.136	1131.188	2608.857
Stddev	.749	257.25	60.270	3.795	1.633
%RSD	.0364845	.7454305	1.259518	.3354684	.0625950
#1	2051.875	34214.40	4852.160	1127.511	2610.273
#2	2053.264	34681.27	4767.853	1130.963	2609.226
#3	2053.053	34635.07	4735.397	1135.091	2607.070

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-13 Acquired: 06/29/2024 13:24:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3969085	-.012651	.3456329	-.046411	.0117378	74.01929
Stddev	.0053579	.002297	.0015962	.001815	.0021091	.68421
%RSD	1.349916	18.15363	.4618130	3.909754	17.96865	.9243700
#1	.3923588	-.015207	.3441135	-.047414	.0097168	74.78955
#2	.3955526	-.011985	.3472961	-.044316	.0115715	73.78634
#3	.4028141	-.010761	.3454889	-.047501	.0139252	73.48196

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.213089	.0050331	.0111663	47.00887	.1212872	.1222109
Stddev	.008765	.0000438	.0002204	.44442	.0040978	.0005904
%RSD	.7225438	.8710919	1.973556	.9453977	3.378576	.4830713
#1	1.221352	.0050209	.0109128	47.51152	.1236949	.1215747
#2	1.214019	.0050818	.0113125	46.84707	.1236110	.1223167
#3	1.203896	.0049967	.0112734	46.66801	.1165557	.1227411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4285022	194.9250	6.264313	38.51177	.1552527	-.004475
Stddev	.0075430	1.9879	.052119	.37388	.0009728	.000569
%RSD	1.760318	1.019830	.8319938	.9708197	.6265785	12.71443
#1	.4372121	197.2202	6.324048	38.93869	.1553627	-.004626
#2	.4241223	193.7483	6.240781	38.24270	.1561658	-.004953
#3	.4241722	193.8066	6.228110	38.35393	.1542296	-.003846

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.138830	.3012357	1.074387	28.13236	F 12.15842	.1024307
Stddev	.207308	.0046605	.024525	.25912	.06473	.0017770
%RSD	18.20360	1.547124	2.282707	.9210888	.5323810	1.734811
#1	1.365628	.2999415	1.085513	28.43141	12.10255	.1028415
#2	.959110	.3064066	1.091377	27.97415	12.22936	.1039663
#3	1.091752	.2973592	1.046271	27.99153	12.14336	.1004843

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-13 Acquired: 06/29/2024 13:24:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008740	2.210414	2.732075	-.003084	1.353263	.1238756
Stddev	.0002528	.009480	.038536	.001608	.008047	.0014099
%RSD	28.93035	.4288865	1.410485	52.14148	.5946301	1.138188
#1	.0011482	2.200521	2.774988	-.001357	1.361690	.1251472
#2	.0006501	2.211303	2.720809	-.003356	1.352439	.1241201
#3	.0008237	2.219419	2.700428	-.004538	1.345660	.1223593

Elem	Sr4077
Units	ppm
Avg	.1501891
Stddev	.0017901
%RSD	1.191918
#1	.1522557
#2	.1491967
#3	.1491150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.811	35222.68	4807.925	1160.057	2644.331
Stddev	5.885	683.77	62.651	19.641	10.965
%RSD	.2826875	1.941265	1.303070	1.693124	.4146582
#1	2085.230	34756.69	4743.289	1146.969	2652.702
#2	2075.016	34903.71	4868.381	1150.560	2631.919
#3	2085.187	36007.65	4812.105	1182.642	2648.372

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-14 Acquired: 06/29/2024 13:29:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202707	-.018691	.6024155	-.062400	.0181681	118.2169
Stddev	.0089526	.002277	.0021732	.003410	.0030998	.3885
%RSD	1.720749	12.18318	.3607502	5.465362	17.06167	.3286683
#1	.5099795	-.017170	.6034751	-.059008	.0145889	118.1692
#2	.5245697	-.017593	.5999157	-.062363	.0199289	118.6271
#3	.5262630	-.021309	.6038556	-.065829	.0199864	117.8544

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.398306	.0058555	.0170454	75.88214	.1112988	.1892941
Stddev	.003287	.0000876	.0001975	.29186	.0008508	.0010882
%RSD	.2350737	1.495485	1.158526	.3846231	.7643994	.5748787
#1	1.397814	.0059489	.0172634	75.78598	.1122217	.1881087
#2	1.401811	.0057753	.0168784	76.20994	.1111288	.1895258
#3	1.395293	.0058422	.0169944	75.65048	.1105459	.1902478

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.013895	275.0205	9.013594	56.80217	.1883109	-.005970
Stddev	.000772	1.2818	.043408	.41501	.0010682	.000083
%RSD	.0761160	.4660849	.4815833	.7306176	.5672655	1.396636
#1	1.013455	274.4554	9.010183	56.55568	.1889961	-.005910
#2	1.014786	276.4878	9.058606	57.28132	.1870801	-.005936
#3	1.013444	274.1183	8.971991	56.56953	.1888566	-.006066

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.244129	.4651509	1.466843	29.31163	F 13.62605	.1427382
Stddev	.152474	.0045462	.019497	.07680	.04066	.0026584
%RSD	12.25549	.9773517	1.329147	.2620190	.2984332	1.862403
#1	1.390538	.4616039	1.450791	29.23921	13.59633	.1431947
#2	1.086239	.4702757	1.488539	29.39217	13.60943	.1451388
#3	1.255610	.4635729	1.461199	29.30350	13.67240	.1398812

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-14 Acquired: 06/29/2024 13:29:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000634	3.277527	2.991477	-.000667	1.375910	.1737405
Stddev	.000224	.014764	.011956	.000631	.008776	.0015239
%RSD	35.36924	.4504723	.3996751	94.65658	.6378423	.8771140
#1	-.000382	3.273675	2.996526	-.000652	1.370058	.1739213
#2	-.000708	3.265070	2.977824	-.001306	1.386001	.1721343
#3	-.000812	3.293835	3.000080	-.000043	1.371671	.1751660

Elem	Sr4077
Units	ppm
Avg	.2627978
Stddev	.0007470
%RSD	.2842511
#1	.2629637
#2	.2634478
#3	.2619817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.387	34489.56	4836.391	1137.322	2576.825
Stddev	3.823	166.95	13.722	5.789	5.134
%RSD	.1835055	.4840544	.2837239	.5089977	.1992247
#1	2078.974	34663.85	4852.170	1136.850	2578.547
#2	2085.485	34331.07	4827.251	1131.784	2580.876
#3	2085.703	34473.75	4829.752	1143.333	2571.051

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-15 Acquired: 06/29/2024 13:33:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5456600	-.012567	.5701149	-.054835	.0139934	85.64360	1.063737
Stddev	.0133369	.000515	.0027553	.007297	.0018882	.49821	.005424
%RSD	2.444180	4.094735	.4832940	13.30708	13.49375	.5817237	.5098977
#1	.5487516	-.012940	.5671616	-.052442	.0150598	85.38339	1.060838
#2	.5571795	-.011980	.5726164	-.049035	.0151072	86.21804	1.069994
#3	.5310487	-.012782	.5705666	-.063028	.0118132	85.32938	1.060379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044139	.0128422	67.25713	.0814631	.1174300	.6012983	218.2950
Stddev	.0002086	.0000396	.28315	.0005554	.0003880	.0069490	1.0612
%RSD	4.725386	.3085944	.4209986	.6817202	.3304373	1.155671	.4861131
#1	.0046536	.0128376	67.16148	.0812834	.1178512	.5938090	217.5235
#2	.0043135	.0128839	67.57572	.0810199	.1173517	.6075373	219.5052
#3	.0042744	.0128051	67.03420	.0820861	.1170871	.6025487	217.8562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.219722	40.19820	.1288278	-.004526	1.104954	.3707355	1.422061
Stddev	.030295	.28460	.0007921	.000238	.122841	.0053537	.003194
%RSD	.4870750	.7079876	.6148201	5.247665	11.11726	1.444085	.2245841
#1	6.206189	40.04409	.1294111	-.004632	1.036685	.3707827	1.419725
#2	6.254424	40.52662	.1291461	-.004254	1.031412	.3653582	1.420758
#3	6.198552	40.02389	.1279261	-.004692	1.246765	.3760654	1.425700

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.99587	9.274244	.1061907	-.000117	1.723832	2.680009	-.000154
Stddev	.16981	.022576	.0006563	.000498	.002819	.019837	.001578
%RSD	1.061590	.2434316	.6180268	425.9884	.1635474	.7401858	1026.645
#1	15.84345	9.300201	.1061713	.000152	1.720758	2.659879	.001303
#2	16.17891	9.263359	.1055444	-.000691	1.724442	2.699539	-.001831
#3	15.96524	9.259173	.1068565	.000188	1.726297	2.680609	.000066

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-15 Acquired: 06/29/2024 13:33:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.154232	.1288886	.2585471
Stddev	.005901	.0019674	.0016867
%RSD	.5112672	1.526461	.6523659
#1	1.150650	.1310186	.2572542
#2	1.161043	.1285076	.2604550
#3	1.151003	.1271395	.2579321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.619	33150.90	4606.252	1085.714	2658.751
Stddev	5.688	122.00	19.780	1.441	3.794
%RSD	.2853220	.3680117	.4294069	.1327672	.1426923
#1	1987.611	33053.66	4610.783	1086.933	2655.635
#2	1994.324	33111.24	4584.600	1086.086	2657.643
#3	1998.922	33287.79	4623.373	1084.123	2662.976

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-16 Acquired: 06/29/2024 13:37:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7416698	-.016921	.8486792	-.062051	.0183396	95.36191
Stddev	.0045193	.001590	.0046293	.004416	.0031726	2.60315
%RSD	.6093417	9.397200	.5454710	7.116185	17.29901	2.729758
#1	.7468232	-.018208	.8433440	-.059238	.0189477	92.40595
#2	.7383817	-.015143	.8510598	-.059776	.0149070	97.31225
#3	.7398045	-.017411	.8516337	-.067141	.0211641	96.36754

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038730	.0046577	.0172682	46.80174	.0984104	.1427076
Stddev	.028326	.0000895	.0001891	1.27339	.0003136	.0007842
%RSD	2.726939	1.921841	1.095120	2.720810	.3186477	.5495187
#1	1.007295	.0045563	.0174231	45.39510	.0980549	.1422141
#2	1.062273	.0047259	.0170574	47.87592	.0985286	.1422969
#3	1.046621	.0046908	.0173240	47.13420	.0986477	.1436119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8405523	263.8324	6.518270	45.17280	.1504679	-.003573
Stddev	.0218440	6.6415	.170885	1.17805	.0006305	.000808
%RSD	2.598766	2.517330	2.621634	2.607875	.4190189	22.62361
#1	.8164416	256.4536	6.330622	43.86989	.1511957	-.003923
#2	.8590237	269.3315	6.664942	46.16282	.1500896	-.002649
#3	.8461914	265.7121	6.559246	45.48567	.1501183	-.004148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.250612	.4402301	1.845786	20.91498	F 12.01939	.1274310
Stddev	.432909	.0121829	.029950	.56450	.06803	.0043836
%RSD	34.61576	2.767390	1.622641	2.699045	.5659815	3.440011
#1	1.437575	.4264343	1.811767	20.26367	12.00106	.1224385
#2	1.558620	.4495113	1.857402	21.26321	11.96241	.1306501
#3	.755641	.4447446	1.868188	21.21806	12.09471	.1292044

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-16 Acquired: 06/29/2024 13:37:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4B9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004613	1.848125	3.072627	-.000718	1.357439	.1505860
Stddev	.0000547	.016257	.032297	.001693	.037279	.0073285
%RSD	11.86138	.8796727	1.051122	235.6385	2.746274	4.866627
#1	.0004014	1.849230	3.036403	-.000897	1.317264	.1448266
#2	.0005086	1.831343	3.098418	-.002314	1.390914	.1588349
#3	.0004740	1.863802	3.083061	.001057	1.364138	.1480966

Elem	Sr4077
Units	ppm
Avg	.1887113
Stddev	.0047392
%RSD	2.511358
#1	.1832748
#2	.1919710
#3	.1908881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.140	33052.11	4643.172	1084.122	2616.453
Stddev	1.962	174.84	102.131	7.093	3.006
%RSD	.0987062	.5289814	2.199602	.6542786	.1148771
#1	1985.970	33253.34	4756.421	1091.853	2619.215
#2	1988.661	32937.42	4558.055	1077.913	2616.891
#3	1989.790	32965.58	4615.040	1082.602	2613.252

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-17 Acquired: 06/29/2024 13:42:09 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4C0 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1670579	-.014019	.1645043	-.055990	.0097949	110.8067
Stddev	.0020229	.001259	.0033600	.004173	.0025310	.5155
%RSD	1.210884	8.982779	2.042531	7.452607	25.83988	.4652192
#1	.1669920	-.012728	.1676633	-.051370	.0124876	110.2192
#2	.1691130	-.014085	.1648758	-.057117	.0074648	111.0173
#3	.1650689	-.015244	.1609740	-.059484	.0094323	111.1835

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.661070	.0072814	.0086573	69.45522	.1544465	.1785394
Stddev	.003239	.0001312	.0002532	.09226	.0010275	.0005458
%RSD	.1949939	1.801481	2.924865	.1328351	.6652765	.3056997
#1	1.660574	.0073049	.0083690	69.35442	.1535557	.1779092
#2	1.658107	.0073993	.0087590	69.47577	.1555706	.1788465
#3	1.664528	.0071401	.0088438	69.53547	.1542133	.1788624

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3195985	219.7538	8.245396	53.04955	.2412462	-.007359
Stddev	.0042210	.4496	.022308	.09784	.0002934	.000517
%RSD	1.320712	.2045824	.2705461	.1844399	.1216340	7.030692
#1	.3177294	219.3082	8.220114	52.93996	.2412155	-.007546
#2	.3244314	219.7460	8.253762	53.08057	.2415538	-.007756
#3	.3166348	220.2073	8.262310	53.12813	.2409694	-.006774

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.474183	.3572806	.5703721	33.35886	F 11.06539	.1109801
Stddev	.299008	.0027807	.0020908	.08152	.04802	.0006953
%RSD	20.28300	.7782846	.3665670	.2443618	.4340031	.6265027
#1	1.792369	.3540936	.5715605	33.27264	11.00994	.1104571
#2	1.431168	.3585362	.5679580	33.43467	11.09239	.1107142
#3	1.199011	.3592121	.5715978	33.36928	11.09384	.1117692

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-17 Acquired: 06/29/2024 13:42:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000118	1.382664	2.793102	-.006517	1.858834	.1676785
Stddev	.000240	.006866	.019840	.001017	.015702	.0024417
%RSD	204.0508	.4965486	.7103281	15.60329	.8446961	1.456172
#1	-.000175	1.374769	2.786087	-.005394	1.843925	.1698512
#2	-.000323	1.385990	2.815497	-.007376	1.857352	.1650361
#3	.000146	1.387233	2.777723	-.006780	1.875224	.1681481

Elem	Sr4077
Units	ppm
Avg	.2651405
Stddev	.0020032
%RSD	.7555408
#1	.2628773
#2	.2666862
#3	.2658581

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.660	36248.29	5070.235	1191.318	2561.968
Stddev	3.790	138.73	17.665	3.490	6.196
%RSD	.1731023	.3827149	.3484060	.2929693	.2418363
#1	2193.482	36227.66	5072.771	1187.288	2568.048
#2	2185.902	36121.03	5051.439	1193.278	2555.662
#3	2189.595	36396.17	5086.495	1193.388	2562.194

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-18 Acquired: 06/29/2024 13:46:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5354316	-.013942	.5850847	-.058992	.0154991	129.3803
Stddev	.0024030	.003179	.0044064	.002581	.0038917	.1626
%RSD	.4487889	22.79984	.7531250	4.375322	25.10901	.1257139
#1	.5369515	-.017295	.5825427	-.061831	.0157661	129.5135
#2	.5366821	-.010973	.5825385	-.056788	.0114808	129.1990
#3	.5326613	-.013556	.5901728	-.058357	.0192504	129.4284

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.719330	.0066993	.0166142	138.6288	.1645952	.1926686
Stddev	.003588	.0001524	.0001116	.2070	.0008842	.0005323
%RSD	.2086664	2.275139	.6715393	.1493105	.5371919	.2762902
#1	1.722966	.0065253	.0167339	138.7673	.1655568	.1924629
#2	1.715793	.0067638	.0165132	138.3908	.1644115	.1922698
#3	1.719233	.0068090	.0165954	138.7282	.1638173	.1932731

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7291656	260.7353	9.202208	65.11634	.2543506	-.005451
Stddev	.0057162	.6400	.027432	.12584	.0016001	.000256
%RSD	.7839339	.2454679	.2980978	.1932484	.6291069	4.692507
#1	.7284481	260.9377	9.198153	65.25886	.2552464	-.005351
#2	.7238420	260.0185	9.177029	65.02056	.2525032	-.005261
#3	.7352066	261.2496	9.231441	65.06960	.2553022	-.005742

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.402101	.4191617	1.770616	44.64080	F 17.35766	.1643202
Stddev	.111456	.0001837	.023596	.06315	.07136	.0017267
%RSD	7.949223	.0438295	1.332657	.1414716	.4111151	1.050823
#1	1.384035	.4192224	1.783194	44.71356	17.30259	.1632048
#2	1.300781	.4189553	1.743395	44.60856	17.33212	.1663092
#3	1.521486	.4193073	1.785258	44.60026	17.43828	.1634468

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-18 Acquired: 06/29/2024 13:46:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014748	6.948272	3.607544	-.003754	1.606007	.2205411
Stddev	.0002415	.011265	.018494	.000534	.007174	.0010656
%RSD	16.37709	.1621296	.5126400	14.22084	.4466832	.4831927
#1	.0014188	6.960476	3.603029	-.003909	1.604652	.2201970
#2	.0012662	6.946069	3.591726	-.003160	1.599608	.2196901
#3	.0017394	6.938271	3.627877	-.004193	1.613762	.2217363

Elem	Sr4077
Units	ppm
Avg	.3882506
Stddev	.0008302
%RSD	.2138244
#1	.3891507
#2	.3875150
#3	.3880860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.839	34666.52	4940.647	1139.216	2501.819
Stddev	2.671	182.94	20.923	6.485	1.243
%RSD	.1281965	.5277264	.4234860	.5692559	.0496898
#1	2082.073	34619.82	4936.859	1134.094	2502.912
#2	2082.533	34868.29	4963.205	1146.508	2500.466
#3	2086.913	34511.45	4921.876	1137.047	2502.078

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-19 Acquired: 06/29/2024 13:50:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6875865	-.012882	.7615951	-.047020	.0121069	81.10514
Stddev	.0070325	.000252	.0071883	.006833	.0021945	.32952
%RSD	1.022777	1.954377	.9438550	14.53263	18.12567	.4062931
#1	.6957069	-.013168	.7648823	-.047279	.0096051	81.10001
#2	.6835108	-.012783	.7533508	-.040060	.0130090	80.77821
#3	.6835418	-.012694	.7665520	-.053719	.0137065	81.43720

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8037266	.0037512	.0121966	39.39538	.0784412	.1093383
Stddev	.0014604	.0002352	.0000985	.12690	.0011180	.0015710
%RSD	.1817044	6.271011	.8078677	.3221154	1.425215	1.436786
#1	.8038462	.0039797	.0122376	39.49661	.0779159	.1102939
#2	.8022100	.0037642	.0120842	39.25302	.0776827	.1075252
#3	.8051235	.0035098	.0122680	39.43653	.0797251	.1101959

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5471578	217.0370	4.894372	39.73547	.1199413	-.004488
Stddev	.0081277	.8414	.018019	.20154	.0014157	.000084
%RSD	1.485446	.3876812	.3681560	.5072164	1.180346	1.871665
#1	.5478853	216.4772	4.896570	39.75766	.1192224	-.004546
#2	.5386907	216.6293	4.875355	39.52375	.1190292	-.004527
#3	.5548973	218.0046	4.911192	39.92500	.1215722	-.004392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.120392	.3417755	1.650644	17.53492	F 10.59769	.1065476
Stddev	.025313	.0021402	.049251	.05522	.08062	.0003509
%RSD	2.259279	.6262079	2.983775	.3149323	.7607776	.3293133
#1	1.093205	.3397966	1.647325	17.54219	10.62706	.1065532
#2	1.124692	.3414829	1.603136	17.47643	10.50650	.1061939
#3	1.143280	.3440469	1.701471	17.58615	10.65951	.1068956

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-19 Acquired: 06/29/2024 13:50:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000007	2.650262	2.858618	-.001666	1.179959	.1298015
Stddev	.0001881	.015698	.018830	.000721	.004952	.0008969
%RSD	26499.64	.5923118	.6587257	43.28706	.4196705	.6909358
#1	-.000079	2.654756	2.849190	-.001245	1.178142	.1306497
#2	.000216	2.632807	2.880300	-.002499	1.176171	.1298921
#3	-.000134	2.663223	2.846364	-.001254	1.185562	.1288628

Elem	Sr4077
Units	ppm
Avg	.1423340
Stddev	.0008756
%RSD	.6151425
#1	.1417392
#2	.1419234
#3	.1433394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.636	32910.80	4584.108	1084.241	2690.307
Stddev	10.169	571.29	6.342	20.459	13.934
%RSD	.5087873	1.735863	.1383417	1.886900	.5179266
#1	1990.385	33118.35	4583.906	1084.886	2682.396
#2	2009.996	33349.30	4577.870	1104.370	2706.396
#3	1995.525	32264.76	4590.549	1063.468	2682.130

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-20 Acquired: 06/29/2024 13:55:14 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4C3 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5187027	-.012300	.6247857	-.049408	.0107202	85.20157	1.357653
Stddev	.0077985	.001412	.0018004	.007723	.0009722	.15719	.001480
%RSD	1.503453	11.48007	.2881541	15.63129	9.068620	.1844969	.1089893
#1	.5277039	-.012982	.6227566	-.058324	.0096560	85.03457	1.358925
#2	.5144265	-.013242	.6261917	-.045091	.0109427	85.22348	1.356029
#3	.5139778	-.010677	.6254089	-.044808	.0115618	85.34666	1.358005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057529	.0120095	73.09991	.1280720	.1400076	.3223601	204.3659
Stddev	.0002427	.0000647	.23571	.0014283	.0002929	.0027475	.4278
%RSD	4.219646	.5388804	.3224459	1.115202	.2092343	.8523115	.2093281
#1	.0058220	.0119836	73.36484	.1294959	.1399929	.3197353	204.3607
#2	.0054830	.0119618	72.91341	.1280808	.1397222	.3221293	203.9407
#3	.0059536	.0120832	73.02149	.1266394	.1403076	.3252158	204.7963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.441465	40.54779	.1873527	-.004853	1.132366	.3332834	1.557937
Stddev	.017124	.22855	.0008753	.000326	.218479	.0032155	.014673
%RSD	.2658459	.5636450	.4671795	6.715492	19.29407	.9648064	.9418054
#1	6.455818	40.50802	.1875347	-.004802	.885853	.3315896	1.544451
#2	6.422510	40.34175	.1864007	-.004555	1.302065	.3312689	1.555797
#3	6.446069	40.79361	.1881226	-.005201	1.209179	.3369918	1.573562

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.76652	9.784130	.1097920	.0000889	5.803333	3.669698	-.001551
Stddev	.19924	.011128	.0013558	.0000896	.003055	.027795	.001495
%RSD	.7175706	.1137375	1.234837	100.8176	.0526355	.7574214	96.39480
#1	27.54446	9.787928	.1103668	-.000014	5.799806	3.688400	.000159
#2	27.92966	9.792862	.1107656	.000134	5.805105	3.637759	-.002202
#3	27.82544	9.771600	.1082435	.000147	5.805087	3.682937	-.002610

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-20 Acquired: 06/29/2024 13:55:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.676812	.1381629	.1798253
Stddev	.007288	.0017508	.0014086
%RSD	.4346327	1.267211	.7833172
#1	1.669568	.1395068	.1783625
#2	1.676726	.1387989	.1799409
#3	1.684143	.1361829	.1811726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.065	33948.74	4800.858	1127.056	2614.767
Stddev	2.282	173.65	31.165	6.534	2.129
%RSD	.1106693	.5115103	.6491539	.5797358	.0814281
#1	2059.922	34149.17	4799.950	1131.453	2613.930
#2	2061.809	33843.45	4832.467	1130.168	2617.188
#3	2064.465	33853.61	4770.157	1119.548	2613.184

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-21 Acquired: 06/29/2024 13:59:37 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4C4 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3150207	-.007716	.3143909	-.026638	.0083847	56.86936	.7521594
Stddev	.0067852	.004317	.0046312	.002764	.0010221	1.00950	.0128425
%RSD	2.153906	55.95308	1.473081	10.37530	12.19005	1.775125	1.707422
#1	.3073957	-.004095	.3102854	-.024716	.0072051	57.88956	.7665211
#2	.3203934	-.006559	.3194113	-.029805	.0089400	56.84761	.7481785
#3	.3172729	-.012494	.3134761	-.025392	.0090090	55.87091	.7417788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028031	.0083551	383.1952	.0542945	.0784550	.3558688	124.1865
Stddev	.0001107	.0001846	6.3107	.0002908	.0011664	.0048318	1.9750
%RSD	3.950645	2.209747	1.646866	.5355371	1.486760	1.357734	1.590354
#1	.0029283	.0081862	390.1331	.0544977	.0771378	.3596838	126.2283
#2	.0027626	.0083268	381.6562	.0539614	.0788697	.3574869	124.0452
#3	.0027182	.0085522	377.7964	.0544243	.0793574	.3504357	122.2859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.168157	31.09758	.1026225	-.003153	.8091519	.2095623	.8512037
Stddev	.065514	.52416	.0009432	.000499	.2515064	.0034804	.0069861
%RSD	1.571765	1.685530	.9190455	15.83108	31.08272	1.660790	.8207307
#1	4.241375	31.67892	.1015632	-.002591	.8516587	.2132138	.8588314
#2	4.148025	30.95277	.1029330	-.003324	1.036696	.2062829	.8451162
#3	4.115073	30.66104	.1033712	-.003545	.539101	.2091902	.8496635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.24247	8.957687	.0719118	.0005894	6.135490	2.910780	-.006419
Stddev	.34014	.099749	.0004574	.0007135	.071962	.053616	.000819
%RSD	2.568527	1.113563	.6361256	121.0607	1.172883	1.841988	12.75740
#1	13.53826	8.842535	.0720887	.0009167	6.056565	2.967774	-.007348
#2	13.31833	9.013018	.0713923	-.000229	6.152443	2.903223	-.005804
#3	12.87080	9.017506	.0722544	.001080	6.197462	2.861343	-.006104

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-21 Acquired: 06/29/2024 13:59:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7331294	.1257518	.1786486
Stddev	.0106941	.0040646	.0036676
%RSD	1.458690	3.232254	2.052962
#1	.7448194	.1303133	.1818867
#2	.7307300	.1244281	.1793934
#3	.7238389	.1225141	.1746658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.624	31230.16	4392.729	1022.947	2478.712
Stddev	14.447	47.84	81.173	1.999	22.621
%RSD	.7641363	.1531831	1.847904	.1953939	.9126287
#1	1907.263	31244.66	4313.342	1025.234	2504.830
#2	1881.260	31176.75	4389.266	1022.070	2465.988
#3	1883.351	31269.08	4475.578	1021.536	2465.317

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2835-22 Acquired: 06/29/2024 14:04:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4C5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8145853	-.015619	.8524771	-.061980	.0174480	111.5589
Stddev	.0025210	.002146	.0022886	.005035	.0007503	.9340
%RSD	.3094870	13.73873	.2684626	8.123941	4.299990	.8372259
#1	.8120988	-.015879	.8512261	-.067325	.0167444	110.6644
#2	.8171395	-.017624	.8551185	-.057325	.0173620	112.5280
#3	.8145175	-.013356	.8510868	-.061291	.0182375	111.4843

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.114279	.0049945	.0192350	52.13087	.1030662	.1517143
Stddev	.003463	.0000112	.0001025	.13510	.0008803	.0003625
%RSD	.3108020	.2245969	.5326003	.2591481	.8540868	.2389606
#1	1.111156	.0049956	.0191338	52.00514	.1022102	.1513769
#2	1.118004	.0050051	.0192324	52.27370	.1039689	.1516683
#3	1.113676	.0049828	.0193386	52.11376	.1030197	.1520976

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.049075	277.2993	7.587275	53.65963	.1681682	-.004591
Stddev	.014959	1.3372	.027824	.42674	.0003488	.000147
%RSD	1.425880	.4822079	.3667162	.7952807	.2074206	3.207537
#1	1.036033	275.9822	7.559698	53.16975	.1677714	-.004440
#2	1.065404	278.6557	7.615339	53.95064	.1683065	-.004601
#3	1.045789	277.2599	7.586790	53.85850	.1684266	-.004734

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.236395	.4648803	2.056629	20.54874	F 12.61726	.1307731
Stddev	.113651	.0046131	.018531	.34912	.01994	.0030030
%RSD	9.192151	.9923268	.9010304	1.698964	.1580082	2.296369
#1	1.123976	.4656569	2.036112	20.16337	12.61665	.1305530
#2	1.351240	.4690559	2.061628	20.84390	12.59764	.1338801
#3	1.233970	.4599282	2.072148	20.63894	12.63750	.1278862

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2835-22 Acquired: 06/29/2024 14:04:01 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4C5 Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001124	2.675956	3.042323	.0007712	1.281256	.1834778
Stddev	.0004664	.005435	.013192	.0004915	.010752	.0014270
%RSD	414.8825	.2030988	.4336153	63.73090	.8391732	.7777300
#1	-.000395	2.676660	3.035983	.0011131	1.270598	.1821099
#2	.000522	2.670204	3.057488	.0009924	1.292099	.1833664
#3	.000210	2.681005	3.033497	.0002080	1.281071	.1849573

Elem	Sr4077
Units	ppm
Avg	.1846615
Stddev	.0024640
%RSD	1.334336
#1	.1823306
#2	.1872399
#3	.1844140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.053	33112.17	4644.467	1086.357	2602.172
Stddev	3.056	176.63	8.730	3.533	4.108
%RSD	.1535733	.5334160	.1879740	.3252259	.1578675
#1	1989.767	33113.33	4653.234	1086.025	2604.422
#2	1993.242	33288.22	4644.391	1090.044	2604.663
#3	1987.150	32934.97	4635.774	1083.001	2597.430

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV094 Acquired: 06/29/2024 14:08:23 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV094 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.937009	4.781169	24.49280	4.722851	4.956628	395.6905	10.10311
Stddev	.011122	.010273	.05004	.013373	.016637	2.1689	.02786
%RSD	.2252850	.2148600	.2043010	.2831526	.3356539	.5481282	.2757725
#1	4.924817	4.782274	24.50286	4.715551	4.965226	397.9004	10.12417
#2	4.939609	4.770389	24.43849	4.714717	4.937451	395.6060	10.11364
#3	4.946601	4.790845	24.53704	4.738285	4.967206	393.5651	10.07152

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5092646	2.543807	398.0368	15.34500	2.482835	14.47367	381.0580
Stddev	.0006193	.007163	.9033	.04576	.005910	.09725	1.3902
%RSD	.1215987	.2815886	.2269288	.2981798	.2380490	.6718863	.3648151
#1	.5089804	2.551626	398.7762	15.29670	2.482254	14.58424	382.2820
#2	.5088385	2.537562	398.3041	15.35060	2.477236	14.43533	381.3454
#3	.5099749	2.542235	397.0301	15.38770	2.489014	14.40144	379.5466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74096	379.9933	2.464300	1.311182	397.7529	2.499684	14.26537
Stddev	.03841	1.0533	.007338	.005966	1.7998	.008651	.12012
%RSD	.2606003	.2771783	.2977727	.4549732	.4524949	.3460962	.8420668
#1	14.77943	380.7014	2.461377	1.305362	399.3247	2.508653	14.29674
#2	14.74086	380.4957	2.458874	1.310903	398.1445	2.499009	14.36671
#3	14.70260	378.7829	2.472650	1.317283	395.7895	2.491390	14.13268

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.5577	5.015336	4.948189	4.821906	4.998459	5.117629	5.050447
Stddev	.7822	.020591	.018622	.007923	.023119	.010890	.019041
%RSD	.5127299	.4105623	.3763461	.1643110	.4625313	.2128013	.3770103
#1	153.4534	5.020619	4.933622	4.819350	4.988949	5.105076	5.052665
#2	152.2110	4.992619	4.969171	4.815576	4.981611	5.123260	5.030394
#3	152.0088	5.032771	4.941774	4.830791	5.024817	5.124552	5.068281

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV094 Acquired: 06/29/2024 14:08:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.803696	5.093293	4.856786
Stddev	.018869	.002090	.008454
%RSD	.3928096	.0410244	.1740736
#1	4.819155	5.091043	4.847700
#2	4.809264	5.095172	4.858237
#3	4.782669	5.093665	4.864421

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1483.040	25720.73	3828.336	805.8310	2072.866
Stddev	2.056	94.78	6.439	3.9723	3.075
%RSD	.1386299	.3684835	.1681861	.4929502	.1483224
#1	1483.208	25829.20	3833.081	809.4771	2073.773
#2	1485.007	25679.08	3821.006	801.5978	2075.386
#3	1480.905	25653.92	3830.920	806.4182	2069.441

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB094 Acquired: 06/29/2024 14:12:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020255	.0007862	-.000575	-.001410	.0004037	.0219724
Stddev	.0020448	.0007992	.000338	.002191	.0012144	.0115429
%RSD	100.9526	101.6604	58.89821	155.3908	300.8053	52.53356
#1	.0020587	-.000122	-.000830	-.003633	.0007755	.0167239
#2	.0040535	.001384	-.000703	.000748	-.000953	.0139864
#3	-.000036	.001096	-.000191	-.001346	.001389	.0352070

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017319	.0000682	.0000259	.0353147	.0001664	.0000070
Stddev	.0002711	.0000283	.0000835	.0108580	.0001575	.0001113
%RSD	15.65260	41.51477	322.1505	30.74646	94.67704	1583.296
#1	.0014210	.0000404	-.000067	.0344714	.0003275	-.000073
#2	.0019190	.0000672	.000051	.0465698	.0001590	-.000040
#3	.0018558	.0000969	.000094	.0249029	.0000127	.000134

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001043	.0294671	.0012071	-.029324	-.000004	.0001911
Stddev	.000948	.0024787	.0003336	.009328	.000341	.0002555
%RSD	90.90175	8.411722	27.63391	31.80969	9294.533	133.6613
#1	-.002120	.0318193	.0008694	-.038829	-.000046	.0002815
#2	-.000675	.0268788	.0012156	-.020184	-.000322	.0003892
#3	-.000334	.0297033	.0015364	-.028958	.000356	-.000097

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1136966	.0037465	.0013905	.1707950	-.001510	.0109131
Stddev	.2065289	.0017982	.0069075	.0779265	.002124	.0015603
%RSD	181.6492	47.99658	496.7747	45.62573	140.6622	14.29719
#1	.2780761	.0038257	-.004890	.2591544	-.003932	.0109617
#2	.1811356	.0055038	.008789	.1118845	-.000628	.0124485
#3	-.118122	.0019100	.000273	.1413462	.000031	.0093291

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB094 Acquired: 06/29/2024 14:12:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005876	.0086840	.0006116	.0007471	.0005486	F .0235717
Stddev	.0003833	.0056602	.0003507	.0015245	.0013461	.0022321
%RSD	65.22054	65.18013	57.33757	204.0682	245.3827	9.469178
#1	.0004300	.0078526	.0010138	.0012482	.0019225	.0261482
#2	.0003083	.0034854	.0004517	.0019580	-.000768	.0222256
#3	.0010246	.0147139	.0003694	-.000965	.000491	.0223413

Elem	Sr4077
Units	ppm
Avg	.0002381
Stddev	.0000206
%RSD	8.639123
#1	.0002597
#2	.0002357
#3	.0002188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.047	30664.99	4093.943	1004.301	2910.184
Stddev	1.603	379.88	8.109	6.410	5.993
%RSD	.0865739	1.238804	.1980831	.6382130	.2059371
#1	1852.891	30380.25	4095.330	1002.626	2910.244
#2	1850.250	31096.32	4085.230	1011.382	2904.161
#3	1849.998	30518.39	4101.270	998.896	2916.147

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV095 Acquired: 06/29/2024 15:25:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.967139	4.816706	24.61808	4.773460	4.990252	403.7427	10.21530
Stddev	.027132	.009006	.02778	.009718	.008281	4.8466	.06753
%RSD	.5462263	.1869697	.1128464	.2035822	.1659421	1.200417	.6610203
#1	4.996686	4.806637	24.65009	4.784681	4.995085	398.2156	10.13754
#2	4.961386	4.823992	24.60023	4.767877	4.980691	407.2665	10.24921
#3	4.943345	4.819489	24.60393	4.767821	4.994982	405.7460	10.25914

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5035242	2.544459	400.5409	15.34273	2.498014	14.47281	382.0193
Stddev	.0046756	.010973	3.0153	.03297	.004372	.20987	3.5916
%RSD	.9285790	.4312645	.7527997	.2148814	.1750049	1.450090	.9401725
#1	.4988244	2.555776	397.0772	15.38080	2.502937	14.23768	377.8895
#2	.5035728	2.543734	401.9656	15.32330	2.496521	14.64119	383.7555
#3	.5081753	2.533866	402.5798	15.32410	2.494585	14.53955	384.4131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.13736	381.9381	2.480756	1.312378	402.0377	2.389737	13.84917
Stddev	.10278	3.5465	.003163	.004319	3.2737	.025583	.09536
%RSD	.7269894	.9285636	.1274913	.3291115	.8142699	1.070516	.6885528
#1	14.02005	377.9579	2.484203	1.317131	398.3748	2.361010	13.79543
#2	14.18045	383.0938	2.477988	1.311309	404.6780	2.398138	13.95927
#3	14.21158	384.7626	2.480076	1.308693	403.0604	2.410063	13.79281

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.9345	5.041502	4.927821	4.859297	5.040294	5.067093	5.067037
Stddev	2.2720	.019487	.032099	.006798	.013410	.042981	.012239
%RSD	1.475960	.3865260	.6513911	.1399044	.2660590	.8482411	.2415333
#1	151.3182	5.055408	4.892121	4.866779	5.053301	5.024545	5.069894
#2	155.4107	5.049868	4.937038	4.853497	5.041068	5.066240	5.053622
#3	155.0745	5.019229	4.954304	4.857616	5.026515	5.110494	5.077594

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV095 Acquired: 06/29/2024 15:25:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.849055	5.149605	4.935911
Stddev	.065871	.013002	.016730
%RSD	1.358437	.2524774	.3389484
#1	4.774949	5.143185	4.951234
#2	4.900951	5.141062	4.918061
#3	4.871263	5.164568	4.938438

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.038	25674.59	3858.061	796.7701	2051.472
Stddev	3.180	124.13	28.052	2.9790	3.520
%RSD	.2167469	.4834605	.7270939	.3738861	.1715786
#1	1464.018	25535.16	3881.960	793.3333	2047.412
#2	1470.357	25773.06	3865.046	798.3623	2053.658
#3	1466.740	25715.54	3827.177	798.6147	2053.348

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCB095 Acquired: 06/29/2024 15:30:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074053	.0013217	.0022160	-.003322	-.001642	.0456043
Stddev	.0027100	.0013107	.0011307	.001479	.001784	.0069163
%RSD	36.59544	99.16836	51.02588	44.52667	108.6326	15.16598
#1	.0053090	-.000111	.0011361	-.002537	-.001738	.0402966
#2	.0104655	.001616	.0033914	-.005028	.000188	.0430903
#3	.0064413	.002460	.0021203	-.002401	-.003377	.0534260

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017643	.0001460	.0002169	.0621903	.0010434	.0003317
Stddev	.0008517	.0000984	.0000591	.0016907	.0007689	.0000227
%RSD	48.27607	67.37155	27.26786	2.718615	73.69463	6.852190
#1	.0022103	.0002332	.0002610	.0604859	.0008257	.0003401
#2	.0007822	.0000394	.0002399	.0622179	.0018977	.0003059
#3	.0023004	.0001654	.0001497	.0638670	.0004068	.0003490

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060412	.0712668	.0026276	.0390664	.0000790	-.000053
Stddev	.0034487	.0143511	.0008146	.0060815	.0001296	.000368
%RSD	57.08678	20.13720	30.99983	15.56703	163.9563	693.1807
#1	.0098121	.0659825	.0032144	.0432092	-.000047	-.000223
#2	.0030472	.0875108	.0029709	.0320846	.000212	-.000305
#3	.0052642	.0603070	.0016976	.0419054	.000072	.000369

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1158318	.0034431	.0047227	.3126327	.0004102	.0106546
Stddev	.2623318	.0016408	.0051119	.1294329	.0018138	.0012469
%RSD	226.4766	47.65392	108.2416	41.40095	442.1476	11.70331
#1	.3778163	.0052137	.0054191	.3736693	.0025030	.0119500
#2	-.146846	.0019740	.0094507	.4002617	-.000708	.0094625
#3	.116525	.0031416	-.000702	.1639671	-.000565	.0105515

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB095 Acquired: 06/29/2024 15:30:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011499	.0075612	.0015663	.0016864	.0005280	F .0252887
Stddev	.0002661	.0072723	.0002766	.0003194	.0005162	.0021278
%RSD	23.14071	96.17901	17.65917	18.94038	97.76579	8.414129
#1	.0008771	.0068620	.0017302	.0017802	.0010569	.0260460
#2	.0014087	.0151579	.0017218	.0019485	.0000254	.0228858
#3	.0011639	.0006638	.0012470	.0013306	.0005018	.0269342

Elem	Sr4077
Units	ppm
Avg	.0004834
Stddev	.0001156
%RSD	23.90667
#1	.0004541
#2	.0003853
#3	.0006108

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.094	30642.69	4133.710	1000.835	2883.298
Stddev	3.069	132.24	5.228	4.542	2.680
%RSD	.1673471	.4315527	.1264796	.4538160	.0929642
#1	1834.896	30786.18	4127.700	1004.887	2882.415
#2	1836.684	30525.73	4137.210	995.926	2886.309
#3	1830.704	30616.15	4136.220	1001.693	2881.171

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-14DLX2 Acquired: 06/29/2024 15:40:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6919351	-.030042	.1865863	-.129326	.0182062	149.5496	1.154930
Stddev	.0045815	.002662	.0011129	.001972	.0034907	.5877	.002082
%RSD	.6621288	8.859348	.5964326	1.524541	19.17326	.3929658	.1802994
#1	.6868979	-.027588	.1870502	-.129119	.0157738	150.2280	1.156405
#2	.6958536	-.029667	.1853165	-.131392	.0222059	149.2228	1.152548
#3	.6930539	-.032871	.1873921	-.127465	.0166389	149.1980	1.155838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034296	.0130276	18.33333	.5514615	.2534084	.5786296	513.5688
Stddev	.0001507	.0001283	.03143	.0017011	.0005697	.0036259	2.0012
%RSD	4.393240	.9844805	.1714205	.3084655	.2248322	.6266400	.3896740
#1	.0034186	.0131407	18.36921	.5533941	.2540652	.5754811	515.8782
#2	.0032847	.0128883	18.31070	.5507989	.2530470	.5825939	512.4835
#3	.0035854	.0130539	18.32008	.5501913	.2531130	.5778138	512.3446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.53552	95.63878	.4064991	-.014345	1.618979	1.052317	.7659642
Stddev	.08013	.44002	.0012567	.000800	.140669	.006384	.0132893
%RSD	.4569597	.4600901	.3091449	5.578345	8.688742	.6066753	1.734974
#1	17.62663	96.11759	.4070121	-.013821	1.780355	1.054047	.7809811
#2	17.50395	95.25214	.4050671	-.015267	1.554292	1.057657	.7557217
#3	17.47599	95.54660	.4074182	-.013949	1.522289	1.045246	.7611899

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	31.08498	6.958544	.2299362	-.001198	.2895445	2.975394	.0050088
Stddev	.21336	.020725	.0023318	.000540	.0039078	.009258	.0015829
%RSD	.6863734	.2978320	1.014127	45.07368	1.349624	.3111654	31.60305
#1	31.30271	6.976341	.2272463	-.000600	.2927526	2.985072	.0039068
#2	31.07596	6.935790	.2313859	-.001650	.2906884	2.966622	.0042970
#3	30.87628	6.963500	.2311764	-.001343	.2851924	2.974487	.0068227

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-14DLX2 Acquired: 06/29/2024 15:40:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.892032	.2705859	.1552699
Stddev	.002506	.0027338	.0010748
%RSD	.1324468	1.010343	.6922015
#1	1.893962	.2733579	.1563722
#2	1.892934	.2678919	.1552127
#3	1.889200	.2705078	.1542249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.848	31818.57	4440.792	1034.380	2520.068
Stddev	.437	172.98	20.150	7.184	3.730
%RSD	.0231621	.5436306	.4537510	.6945188	.1480168
#1	1887.362	31705.35	4430.266	1032.231	2517.388
#2	1887.971	31732.67	4428.086	1028.516	2524.328
#3	1888.210	32017.68	4464.026	1042.393	2518.489

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-15DLX5 Acquired: 06/29/2024 15:45:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1484890	-.000346	.0360447	-.043118	.0065668	43.65330	1.443340
Stddev	.0037412	.001745	.0020937	.003729	.0010173	.25996	.004118
%RSD	2.519521	504.6245	5.808687	8.648157	15.49125	.5955032	.2853130
#1	.1442419	-.002042	.0374283	-.040607	.0063183	43.55339	1.443298
#2	.1499284	.001443	.0336359	-.041344	.0076853	43.94839	1.447479
#3	.1512968	-.000439	.0370699	-.047403	.0056968	43.45812	1.439243

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010296	.0031250	8.171362	.1376703	.0907389	.2113138	168.8710
Stddev	.0001348	.0001281	.054002	.0003789	.0008201	.0074033	.5454
%RSD	13.08699	4.099359	.6608715	.2752401	.9038225	3.503450	.3229603
#1	.0009468	.0032130	8.197138	.1379888	.0901319	.2163417	168.7808
#2	.0009569	.0029780	8.207646	.1377708	.0916719	.2147872	169.4558
#3	.0011851	.0031840	8.109301	.1372512	.0904129	.2028125	168.3763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.11465	27.74481	.1242569	-.005147	.4756288	.2917514	.2405360
Stddev	.07206	.08884	.0005067	.000424	.1174232	.0040880	.0077795
%RSD	.3258303	.3202009	.4077841	8.240000	24.68799	1.401193	3.234222
#1	22.11701	27.76085	.1236762	-.005253	.4458870	.2888072	.2494059
#2	22.18549	27.82453	.1244847	-.004681	.6050632	.2964189	.2348706
#3	22.04144	27.64904	.1246096	-.005509	.3759363	.2900282	.2373316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.895089	1.762031	.0814336	-.000104	.1226704	.8194109	.0017531
Stddev	.062609	.003908	.0001547	.000268	.0081026	.0093790	.0025593
%RSD	.7038610	.2217780	.1900338	258.6136	6.605161	1.144597	145.9868
#1	8.881400	1.757534	.0816029	-.000325	.1153886	.8085851	.0013616
#2	8.963410	1.763956	.0812994	.000195	.1313989	.8245678	-.000588
#3	8.840457	1.764604	.0813987	-.000181	.1212237	.8250799	.004486

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2822-15DLX5 Acquired: 06/29/2024 15:45:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8824100	.0969080	.2248552
Stddev	.0044210	.0022411	.0013270
%RSD	.5010166	2.312617	.5901599
#1	.8823504	.0972690	.2241945
#2	.8868604	.0989467	.2263828
#3	.8780190	.0945083	.2239881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.199	31145.72	4284.506	1022.844	2702.436
Stddev	6.219	221.09	7.515	13.986	9.246
%RSD	.3327088	.7098569	.1753987	1.367326	.3421303
#1	1868.205	30959.12	4292.778	1011.990	2708.063
#2	1863.537	31088.13	4278.099	1017.915	2691.765
#3	1875.855	31389.91	4282.642	1038.627	2707.480

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-16DLX10 Acquired: 06/29/2024 15:49:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0616091	.0030522	.0785863	-.020722	.0025760	15.59964	.7672145
Stddev	.0015535	.0004855	.0024434	.002701	.0022433	.09183	.0012182
%RSD	2.521602	15.90671	3.109234	13.03631	87.08202	.5886941	.1587871
#1	.0598756	.0032426	.0806596	-.017628	.0000288	15.70447	.7685811
#2	.0620761	.0034137	.0792069	-.021921	.0034423	15.56109	.7662424
#3	.0628756	.0025004	.0758924	-.022616	.0042570	15.53337	.7668200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003171	.0015756	3.564730	.0263662	.0489848	.1135724	81.76319
Stddev	.0000836	.0000929	.001489	.0011264	.0004107	.0055597	.82076
%RSD	26.36958	5.895510	.0417562	4.272108	.8384260	4.895315	1.003825
#1	.0003203	.0016006	3.565678	.0253554	.0490173	.1120524	82.57387
#2	.0003990	.0016535	3.565497	.0261627	.0493784	.1197341	81.78300
#3	.0002319	.0014728	3.563014	.0275805	.0485589	.1089308	80.93271

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.97140	9.764292	.0406656	-.002320	.1785280	.1032252	.1391271
Stddev	.08543	.049605	.0006446	.000316	.2038568	.0037311	.0059259
%RSD	.5033716	.5080267	1.585174	13.61153	114.1876	3.614525	4.259370
#1	17.06701	9.744060	.0401580	-.002334	.3854406	.1005745	.1450342
#2	16.94459	9.820816	.0413909	-.001997	-.022129	.1016092	.1331825
#3	16.90259	9.728001	.0404479	-.002628	.172272	.1074919	.1391648

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.086756	.9332351	.0402425	.0002414	.0840260	.4408270	.0017663
Stddev	.052515	.0049560	.0002533	.0002790	.0033828	.0031914	.0007748
%RSD	1.701298	.5310593	.6293435	115.5767	4.025847	.7239627	43.86310
#1	3.143019	.9309026	.0400881	.0004502	.0801432	.4443644	.0009493
#2	3.078211	.9389271	.0405348	.0003495	.0855985	.4381638	.0024904
#3	3.039038	.9298757	.0401046	-.000075	.0863363	.4399529	.0018593

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-16DLX10 Acquired: 06/29/2024 15:49:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2023559	.0610970	.0633488
Stddev	.0009586	.0023529	.0009005
%RSD	.4737013	3.851038	1.421487
#1	.2034202	.0637941	.0643777
#2	.2020867	.0594649	.0629645
#3	.2015607	.0600322	.0627042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.777	30815.41	4163.269	1007.736	2800.701
Stddev	6.918	478.95	15.143	13.188	11.141
%RSD	.3747966	1.554241	.3637268	1.308663	.3977918
#1	1839.734	31351.40	4149.576	1021.896	2788.782
#2	1844.275	30429.42	4160.699	995.804	2802.466
#3	1853.322	30665.39	4179.533	1005.508	2810.853

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-17DLX5 Acquired: 06/29/2024 15:53:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1341623	.0014475	.1080673	-.039549	.0075748	36.17073	1.761071
Stddev	.0051966	.0029189	.0027556	.001977	.0012972	.10233	.004957
%RSD	3.873370	201.6438	2.549864	4.998193	17.12505	.2829022	.2814525
#1	.1333865	-.001589	.1102153	-.040158	.0062556	36.15330	1.766617
#2	.1397032	.004232	.1090261	-.041149	.0088489	36.28066	1.759519
#3	.1293972	.001700	.1049603	-.037339	.0076199	36.07824	1.757076

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010857	.0038808	6.125318	.1038273	.1164106	.2672072	169.7850
Stddev	.0000716	.0000909	.027852	.0002657	.0004936	.0017631	.4688
%RSD	6.594153	2.341749	.4546967	.2558768	.4240461	.6598131	.2760977
#1	.0010082	.0039393	6.157196	.1039309	.1169307	.2677061	170.1900
#2	.0011494	.0039272	6.105693	.1035254	.1159485	.2652484	169.8935
#3	.0010993	.0037761	6.113066	.1040255	.1163527	.2686670	169.2715

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.90444	20.70165	.1186266	-.004652	.4964597	.2346461	.3042886
Stddev	.04544	.06519	.0007381	.000062	.1266550	.0038492	.0045033
%RSD	.1900928	.3149260	.6222180	1.324561	25.51165	1.640422	1.479937
#1	23.94542	20.66014	.1181375	-.004723	.6029685	.2390780	.3087133
#2	23.91233	20.66803	.1182667	-.004620	.5300006	.2321388	.3044418
#3	23.85557	20.77680	.1194757	-.004613	.3564101	.2327216	.2997107

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.321512	1.908340	.0797634	.0005680	.1475213	.7680864	.0017502
Stddev	.044773	.010104	.0014734	.0003498	.0022584	.0022372	.0007403
%RSD	.5380451	.5294442	1.847264	61.59103	1.530901	.2912734	42.30099
#1	8.275537	1.909726	.0812931	.0002056	.1492564	.7702969	.0025291
#2	8.364978	1.917679	.0796436	.0005945	.1449678	.7681391	.0010556
#3	8.324022	1.897615	.0783536	.0009037	.1483399	.7658233	.0016658

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-17DLX5 Acquired: 06/29/2024 15:53:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7455842	.0988757	.1064594
Stddev	.0031639	.0020892	.0001009
%RSD	.4243468	2.112991	.0947550
#1	.7458200	.0980775	.1063540
#2	.7486235	.0973033	.1065550
#3	.7423090	.1012464	.1064691

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.146	30809.33	4223.705	1006.517	2722.234
Stddev	.709	162.20	10.748	5.598	5.454
%RSD	.0383105	.5264741	.2544615	.5561517	.2003681
#1	1849.903	30947.82	4221.007	1011.231	2715.997
#2	1849.591	30630.88	4214.563	1000.330	2726.113
#3	1850.945	30849.29	4235.545	1007.989	2724.592

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-18DLX5 Acquired: 06/29/2024 15:58:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1914969	-.006990	.0665485	-.045841	.0068667	35.86651	.8409974
Stddev	.0038550	.002569	.0019048	.004438	.0012493	.11495	.0014671
%RSD	2.013101	36.75869	2.862292	9.680532	18.19391	.3204826	.1744515
#1	.1870460	-.007611	.0679117	-.040718	.0070944	35.74283	.8393067
#2	.1936629	-.009191	.0673617	-.048495	.0055192	35.88665	.8417489
#3	.1937817	-.004166	.0643720	-.048309	.0079865	35.97006	.8419365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013633	.0030408	5.676351	.0928103	.0822088	.2570066	188.4693
Stddev	.0001371	.0001246	.001882	.0008673	.0004936	.0022788	.3726
%RSD	10.05455	4.098223	.0331607	.9344645	.6004191	.8866589	.1976959
#1	.0014793	.0029905	5.674181	.0934276	.0817239	.2559736	188.0457
#2	.0013986	.0031827	5.677534	.0931845	.0827107	.2596189	188.6157
#3	.0012120	.0029491	5.677339	.0918187	.0821917	.2554272	188.7464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.48994	20.43671	.1015632	-.005342	.4752226	.2623252	.2742108
Stddev	.02481	.15025	.0006013	.000269	.1752349	.0020773	.0053751
%RSD	.1986637	.7352079	.5919977	5.038215	36.87429	.7918931	1.960191
#1	12.46317	20.26377	.1020388	-.005612	.6774367	.2604922	.2700701
#2	12.49450	20.51112	.1008874	-.005341	.3678396	.2619016	.2722771
#3	12.51217	20.53523	.1017633	-.005074	.3803916	.2645816	.2802852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.997029	1.859252	.0872658	-.000285	.0493234	1.244355	.0008519
Stddev	.117848	.001083	.0003434	.000788	.0108234	.013714	.0011782
%RSD	1.473650	.0582684	.3934807	276.1737	21.94367	1.102138	138.2996
#1	7.868231	1.860500	.0876200	-.001109	.0502855	1.236989	-.000411
#2	8.099462	1.858560	.0872429	-.000208	.0596335	1.260179	.001046
#3	8.023395	1.858695	.0869344	.000462	.0380511	1.235898	.001921

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-18DLX5 Acquired: 06/29/2024 15:58:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6542426	.0910576	.0777931
Stddev	.0037057	.0025884	.0002627
%RSD	.5664072	2.842556	.3376680
#1	.6500532	.0881157	.0775545
#2	.6555834	.0929855	.0777502
#3	.6570913	.0920715	.0780746

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.632	30771.88	4190.590	1014.459	2717.209
Stddev	4.089	195.04	18.805	8.526	2.564
%RSD	.2219278	.6338405	.4487373	.8404504	.0943440
#1	1846.580	30546.73	4200.515	1005.169	2719.980
#2	1842.902	30888.90	4168.902	1021.925	2716.724
#3	1838.414	30880.03	4202.353	1016.282	2714.922

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-19DLX5 Acquired: 06/29/2024 16:02:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1630581	.0049970	.1131327	-.045863	.0072428	33.82891	1.110041
Stddev	.0059255	.0182909	.0017938	.003436	.0008315	.04311	.000926
%RSD	3.633971	366.0364	1.585531	7.491087	11.48062	.1274228	.0834639
#1	.1618638	-.003134	.1145882	-.048177	.0062898	33.80902	1.110119
#2	.1578206	-.007819	.1111288	-.047496	.0076181	33.79935	1.110925
#3	.1694897	.025944	.1136812	-.041915	.0078206	33.87837	1.109077

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009979	.0027694	7.013345	.0812982	.0802551	.2230445	178.3123
Stddev	.0000781	.0000655	.018263	.0011209	.0004430	.0034438	.1860
%RSD	7.822029	2.365561	.2604084	1.378770	.5519670	1.543988	.1043013
#1	.0009981	.0027815	6.993924	.0823306	.0798780	.2193933	178.1559
#2	.0010758	.0026988	7.015936	.0801059	.0807429	.2235059	178.5179
#3	.0009197	.0028281	7.030174	.0814580	.0801442	.2262344	178.2630

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.76868	20.35425	.0859684	-.004958	.4726036	.2383126	.2768961
Stddev	.00723	.11802	.0007704	.000193	.1274859	.0039050	.0081510
%RSD	.0524807	.5798161	.8961784	3.899947	26.97523	1.638589	2.943703
#1	13.76281	20.21986	.0853016	-.004746	.4842712	.2339521	.2721130
#2	13.77675	20.44098	.0857917	-.005124	.3396850	.2414870	.2722676
#3	13.76649	20.40193	.0868118	-.005005	.5938547	.2394986	.2863076

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.228216	1.495489	.0821400	.0006965	.1131909	1.241793	.0006457
Stddev	.022355	.009101	.0026498	.0006766	.0079850	.001342	.0020101
%RSD	.2716902	.6085436	3.225977	97.14411	7.054486	.1080756	311.3095
#1	8.251488	1.488320	.0798763	.0014225	.1117843	1.240317	.0028521
#2	8.226253	1.492419	.0850546	.0000834	.1217857	1.242120	-.001081
#3	8.206907	1.505728	.0814890	.0005838	.1060025	1.242941	.000166

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-19DLX5 Acquired: 06/29/2024 16:02:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5999943	.0887605	.0897144
Stddev	.0024750	.0011279	.0000144
%RSD	.4125084	1.270689	.0160061
#1	.5999047	.0874959	.0897003
#2	.5975652	.0896624	.0897139
#3	.6025128	.0891233	.0897290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.496	30809.29	4210.159	1009.425	2730.857
Stddev	1.914	130.36	11.421	6.049	2.138
%RSD	.1037203	.4231238	.2712792	.5992283	.0782923
#1	1843.957	30713.29	4204.888	1003.803	2732.601
#2	1844.891	30957.70	4223.264	1015.825	2731.499
#3	1847.639	30756.88	4202.325	1008.648	2728.471

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-20DLX5 Acquired: 06/29/2024 16:07:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1715213	-.006614	.0776348	-.043309	.0059054	38.35016	.9952671
Stddev	.0058225	.001372	.0021721	.004274	.0023619	.17584	.0030175
%RSD	3.394621	20.74514	2.797811	9.868069	39.99637	.4585122	.3031808
#1	.1781853	-.005552	.0775484	-.039207	.0080718	38.49619	.9986755
#2	.1674181	-.006127	.0798488	-.047736	.0033873	38.15497	.9929364
#3	.1689604	-.008164	.0755073	-.042983	.0062571	38.39930	.9941895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015252	.0031819	7.145053	.1262954	.0815015	.2260134	180.5652
Stddev	.0001741	.0001400	.023685	.0004324	.0010032	.0058233	.5603
%RSD	11.41317	4.400433	.3314876	.3423560	1.230840	2.576514	.3103284
#1	.0014134	.0032110	7.172323	.1263389	.0825450	.2267723	180.9408
#2	.0014364	.0033051	7.129620	.1258430	.0814152	.2198479	179.9211
#3	.0017258	.0030296	7.133216	.1267045	.0805443	.2314200	180.8337

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39871	20.70149	.1166414	-.005266	.5557513	.2666326	.2664853
Stddev	.03629	.01856	.0013915	.000332	.1658749	.0038765	.0084567
%RSD	.3183643	.0896325	1.192975	6.301480	29.84697	1.453861	3.173410
#1	11.43086	20.72213	.1181465	-.005378	.4009217	.2683359	.2615826
#2	11.35936	20.68621	.1163761	-.005527	.7308151	.2693658	.2616230
#3	11.40592	20.69611	.1154016	-.004893	.5355169	.2621961	.2762502

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.363973	2.096982	.0858126	-.000265	.1620852	1.321665	.0018938
Stddev	.073076	.010013	.0013525	.000406	.0026530	.002466	.0015377
%RSD	.7803903	.4774837	1.576156	153.4695	1.636795	.1865989	81.19936
#1	9.409793	2.108071	.0857553	-.000396	.1623480	1.318818	.0002723
#2	9.279700	2.094269	.0871928	.000191	.1593106	1.323019	.0033312
#3	9.402426	2.088604	.0844896	-.000589	.1645970	1.323158	.0020777

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-20DLX5 Acquired: 06/29/2024 16:07:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9453889	.0930761	.0715658
Stddev	.0026707	.0029230	.0003476
%RSD	.2825024	3.140468	.4857205
#1	.9479806	.0898080	.0719550
#2	.9455404	.0954406	.0712861
#3	.9426456	.0939798	.0714563

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1864.510	30984.45	4237.444	1015.511	2732.242
Stddev	4.681	327.95	10.741	10.765	8.080
%RSD	.2510820	1.058428	.2534748	1.060038	.2957207
#1	1861.861	30628.59	4227.435	1003.115	2726.129
#2	1861.754	31274.51	4248.791	1022.509	2729.194
#3	1869.916	31050.25	4236.107	1020.909	2741.402

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-21DLX5 Acquired: 06/29/2024 16:11:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1670010	-.008881	.0572900	-.051033	.0090687	48.37871	.5525513
Stddev	.0012910	.004453	.0006399	.008774	.0034328	.18937	.0007639
%RSD	.7730581	50.13763	1.116894	17.19316	37.85339	.3914415	.1382523
#1	.1664253	-.013102	.0577946	-.041133	.0058689	48.47108	.5523794
#2	.1660980	-.004228	.0575051	-.054118	.0086426	48.50418	.5533864
#3	.1684797	-.009314	.0565703	-.057847	.0126947	48.16087	.5518879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017876	.0036725	8.155651	.1445903	.1374903	.2053266	228.6106
Stddev	.0000540	.0001840	.020444	.0008292	.0002040	.0066462	.7095
%RSD	3.022217	5.011303	.2506768	.5734664	.1483445	3.236910	.3103704
#1	.0017760	.0034610	8.156315	.1454227	.1377196	.2096145	228.8112
#2	.0017403	.0037959	8.134882	.1445839	.1374223	.1976706	229.1982
#3	.0018465	.0037606	8.175755	.1437644	.1373290	.2086948	227.8224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.29535	26.85206	.1747852	-.006670	.6427696	.3091708	.3354179
Stddev	.02681	.10193	.0007276	.000490	.3328344	.0031039	.0023506
%RSD	.2373581	.3795928	.4163080	7.344876	51.78128	1.003948	.7007939
#1	11.32051	26.96080	.1754156	-.006618	.2875152	.3116804	.3372274
#2	11.29838	26.83669	.1739890	-.007183	.6934148	.3101322	.3327611
#3	11.26715	26.75869	.1749511	-.006208	.9473789	.3057000	.3362652

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.471942	2.623357	.1046878	-.001489	.1062142	.9280618	.0011146
Stddev	.150559	.015305	.0018687	.000785	.0028432	.0022641	.0016966
%RSD	2.014988	.5834169	1.785009	52.68663	2.676864	.2439595	152.2187
#1	7.587520	2.637853	.1030027	-.000708	.1030127	.9295325	-.000530
#2	7.526623	2.607354	.1043631	-.001484	.1084447	.9291982	.002859
#3	7.301684	2.624863	.1066975	-.002277	.1071853	.9254545	.001015

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-21DLX5 Acquired: 06/29/2024 16:11:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7090780	.1081368	.0815112
Stddev	.0040418	.0025052	.0002728
%RSD	.5700045	2.316728	.3346727
#1	.7103443	.1064009	.0815868
#2	.7123350	.1110088	.0817383
#3	.7045547	.1070007	.0812086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.451	30844.17	4241.969	1005.842	2695.468
Stddev	2.792	280.23	26.198	11.214	3.554
%RSD	.1511272	.9085254	.6175788	1.114838	.1318442
#1	1850.389	30590.44	4214.919	997.966	2699.500
#2	1844.833	30797.14	4243.766	1000.879	2694.112
#3	1847.131	31144.94	4267.222	1018.680	2692.792

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-22DLX5 Acquired: 06/29/2024 16:16:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1255977	-.001133	.1283403	-.038188	.0051878	27.67834	1.601602
Stddev	.0010490	.001942	.0025359	.000823	.0009476	.28437	.006579
%RSD	.8351742	171.4001	1.975955	2.155260	18.26618	1.027427	.4107857
#1	.1256197	.001108	.1267746	-.037496	.0062706	27.36920	1.595675
#2	.1245380	-.002179	.1269801	-.039098	.0047830	27.92880	1.608681
#3	.1266355	-.002327	.1312662	-.037969	.0045098	27.73701	1.600450

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012302	.0037898	4.065526	.0706724	.0585692	.3204835	134.2470
Stddev	.0001779	.0000755	.021024	.0013256	.0004082	.0047671	1.0114
%RSD	14.46114	1.991030	.5171188	1.875684	.6968807	1.487470	.7533633
#1	.0011670	.0037627	4.041523	.0721337	.0590361	.3156168	133.0878
#2	.0010926	.0037317	4.080673	.0695473	.0583917	.3206895	134.9493
#3	.0014311	.0038751	4.074382	.0703361	.0582799	.3251443	134.7039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.22013	14.49257	.0800359	-.003745	.4781108	.1741027	.2781259
Stddev	.08482	.14793	.0007782	.000361	.1769464	.0003102	.0047922
%RSD	.5572986	1.020756	.9722610	9.631569	37.00951	.1781819	1.723025
#1	15.12637	14.33339	.0808453	-.003981	.2745909	.1737663	.2735995
#2	15.29154	14.51848	.0792933	-.003329	.5955167	.1741640	.2776326
#3	15.24247	14.62583	.0799692	-.003924	.5642246	.1743776	.2831457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.809661	1.655181	.0620779	.0026130	.0457164	.6649926	.0010099
Stddev	.074208	.004165	.0020887	.0005104	.0037014	.0049288	.0007349
%RSD	1.277317	.2516169	3.364652	19.53464	8.096475	.7411743	72.76654
#1	5.726369	1.651407	.0640232	.0025128	.0479031	.6593032	.0002394
#2	5.868731	1.659649	.0623400	.0031662	.0478032	.6677103	.0017031
#3	5.833884	1.654487	.0598705	.0021601	.0414427	.6679643	.0010872

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2822-22DLX5 Acquired: 06/29/2024 16:16:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5972456	.0771825	.0480621
Stddev	.0053445	.0011106	.0007752
%RSD	.8948562	1.438973	1.612826
#1	.5911298	.0759312	.0471677
#2	.5995884	.0775649	.0485388
#3	.6010186	.0780514	.0484799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.326	31086.29	4253.470	1016.429	2763.167
Stddev	.832	113.00	32.526	5.422	1.673
%RSD	.0448791	.3634967	.7646995	.5334456	.0605558
#1	1853.783	31207.20	4291.028	1021.273	2764.985
#2	1855.284	30983.37	4234.493	1010.572	2762.823
#3	1853.912	31068.30	4234.890	1017.441	2761.692

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-04DLX5 Acquired: 06/29/2024 16:20:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1075546	-.001447	.0734925	-.028998	.0021984	34.21521	1.077230
Stddev	.0027590	.001139	.0015314	.005544	.0016171	.38266	.006477
%RSD	2.565222	78.72939	2.083798	19.11838	73.55502	1.118388	.6012979
#1	.1044600	-.001836	.0747487	-.025053	.0036212	33.90198	1.074343
#2	.1097573	-.000164	.0717866	-.035336	.0025343	34.10194	1.072699
#3	.1084466	-.002340	.0739422	-.026604	.0004398	34.64172	1.084649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010618	.0026510	4.601456	.0912090	.0768829	.1835533	116.4198
Stddev	.0001193	.0001484	.001930	.0014658	.0003938	.0001944	.9258
%RSD	11.23483	5.597329	.0419326	1.607089	.5122221	.1059315	.7952147
#1	.0011984	.0027908	4.600382	.0928958	.0773376	.1833693	115.8829
#2	.0009782	.0026669	4.600303	.0904871	.0766515	.1837567	115.8877
#3	.0010089	.0024953	4.603684	.0902442	.0766596	.1835338	117.4888

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.59217	21.34938	.0996515	-.003162	.2748082	.2067203	.2268537
Stddev	.09253	.18688	.0006974	.000291	.0630846	.0020973	.0054814
%RSD	.7348125	.8753346	.6998170	9.194857	22.95586	1.014581	2.416263
#1	12.53005	21.32188	.0991276	-.003339	.2858417	.2084897	.2330562
#2	12.54795	21.17777	.1004431	-.003321	.2069347	.2044036	.2248444
#3	12.69851	21.54848	.0993837	-.002827	.3316481	.2072676	.2226606

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.097941	1.537916	.0542776	-.000777	.1329426	1.252361	.0008661
Stddev	.147348	.007046	.0027346	.000239	.0055725	.001774	.0005911
%RSD	2.075920	.4581253	5.038177	30.76625	4.191699	.1416144	68.25243
#1	6.929150	1.529782	.0511623	-.000501	.1267050	1.250805	.0006947
#2	7.163804	1.541878	.0562815	-.000927	.1346929	1.251987	.0003796
#3	7.200869	1.542089	.0553891	-.000903	.1374299	1.254292	.0015240

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-04DLX5 Acquired: 06/29/2024 16:20:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3941644	.0892515	.0657974
Stddev	.0045058	.0021634	.0009510
%RSD	1.143119	2.423949	1.445291
#1	.3892687	.0879983	.0649065
#2	.3950871	.0880067	.0656871
#3	.3981373	.0917496	.0667988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.691	30701.65	4236.030	1003.924	2724.237
Stddev	1.554	146.18	15.289	7.016	2.198
%RSD	.0845635	.4761299	.3609174	.6988798	.0806804
#1	1839.145	30775.04	4244.946	1010.512	2726.769
#2	1836.053	30796.59	4218.377	1004.714	2722.821
#3	1837.875	30533.31	4244.767	996.547	2723.120

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-06DLX2 Acquired: 06/29/2024 16:25:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3054473	-.008476	.0967410	-.075038	.0136794	107.0283	1.718880
Stddev	.0031662	.001926	.0029321	.005371	.0014321	2.6511	.041009
%RSD	1.036566	22.71644	3.030858	7.158072	10.46930	2.477001	2.385776
#1	.3058133	-.006376	.0975000	-.074350	.0147445	104.4357	1.676486
#2	.3021140	-.008895	.0935041	-.070044	.0142425	109.7342	1.758347
#3	.3084146	-.010158	.0992190	-.080720	.0120514	106.9150	1.721807

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025807	.0062324	19.56323	.3579136	.1987261	.3934920	295.2573
Stddev	.0001251	.0005276	.46485	.0048960	.0017687	.0071342	6.8197
%RSD	4.846441	8.466054	2.376166	1.367937	.8900427	1.813058	2.309740
#1	.0025644	.0067868	19.06746	.3605318	.2002799	.3861629	288.1880
#2	.0024646	.0057364	19.98930	.3609438	.1968013	.4004139	301.7964
#3	.0027132	.0061739	19.63293	.3522651	.1990973	.3938992	295.7876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.83211	68.53791	.3167771	-.008545	1.029352	.6031073	.5120723
Stddev	.53005	1.47096	.0042133	.001439	.196005	.0167778	.0176959
%RSD	2.321519	2.146192	1.330040	16.83741	19.04160	2.781893	3.455739
#1	22.27714	67.02275	.3210657	-.010176	1.224445	.5878668	.5135285
#2	23.33311	69.96026	.3126435	-.008002	1.031165	.6210856	.5289951
#3	22.88610	68.63073	.3166221	-.007457	.832447	.6003694	.4936933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.23282	4.928416	.1388243	-.001238	.5868365	3.410203	.0055969
Stddev	.58852	.036851	.0033316	.000352	.0129614	.065083	.0008169
%RSD	2.533130	.7477287	2.399860	28.45672	2.208692	1.908480	14.59470
#1	22.61945	4.963457	.1376028	-.000893	.5993403	3.336254	.0064315
#2	23.79285	4.889988	.1425942	-.001597	.5877079	3.458772	.0047990
#3	23.28616	4.931802	.1362758	-.001224	.5734614	3.435584	.0055602

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-06DLX2 Acquired: 06/29/2024 16:25:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7839692	.2116794	.1836273
Stddev	.0178105	.0046925	.0049761
%RSD	2.271832	2.216780	2.709909
#1	.7677440	.2069697	.1786028
#2	.8030257	.2163545	.1885536
#3	.7811380	.2117140	.1837253

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1854.245	31465.74	4372.760	1028.774	2568.837
Stddev	10.775	410.39	92.098	17.185	18.472
%RSD	.5811027	1.304236	2.106169	1.670461	.7190862
#1	1841.832	31297.16	4473.011	1019.200	2548.445
#2	1861.194	31166.49	4291.906	1018.508	2584.451
#3	1859.707	31933.57	4353.362	1048.613	2573.614

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-07DLX5 Acquired: 06/29/2024 16:29:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1631157	-.002951	.0600938	-.032691	.0029747	39.79176	.6038650
Stddev	.0045311	.001838	.0010118	.001582	.0023574	.13777	.0008287
%RSD	2.777821	62.28273	1.683626	4.839627	79.24793	.3462379	.1372409
#1	.1622831	-.002490	.0612213	-.034512	.0005665	39.92709	.6042334
#2	.1590586	-.004975	.0592652	-.031658	.0052778	39.65167	.6029159
#3	.1680053	-.001387	.0597948	-.031902	.0030800	39.79652	.6044457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010050	.0022525	8.787216	.1239735	.0743820	.1929443	122.8432
Stddev	.0001566	.0001868	.016206	.0016002	.0006304	.0016637	.3784
%RSD	15.58275	8.294540	.1844249	1.290741	.8474473	.8622430	.3080372
#1	.0011267	.0024141	8.802543	.1248531	.0740636	.1939786	123.0184
#2	.0010600	.0022954	8.770255	.1221265	.0739743	.1938290	122.4089
#3	.0008283	.0020479	8.788849	.1249409	.0751080	.1910252	123.1022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.51936	25.79714	.1047063	-.003800	.3459845	.2368289	.2410111
Stddev	.03967	.16217	.0002163	.000292	.2743801	.0036374	.0033210
%RSD	.3771070	.6286459	.2066123	7.674677	79.30418	1.535859	1.377932
#1	10.55181	25.90006	.1047687	-.004074	.5037847	.2402715	.2408165
#2	10.47514	25.61020	.1044657	-.003834	.5050103	.2371914	.2377916
#3	10.53113	25.88118	.1048847	-.003493	.0291584	.2330239	.2444250

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.680643	1.790867	.0599444	-.000183	.2039686	1.683499	.0011121
Stddev	.066737	.001156	.0007390	.000375	.0020213	.009162	.0004294
%RSD	.7688033	.0645482	1.232860	205.0260	.9909984	.5442268	38.61339
#1	8.750113	1.789609	.0601333	-.000185	.2021590	1.674311	.0007998
#2	8.674794	1.791881	.0605706	-.000558	.2061500	1.692635	.0009347
#3	8.617024	1.791112	.0591293	.000193	.2035968	1.683552	.0016018

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-07DLX5 Acquired: 06/29/2024 16:29:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3648050	.0944808	.0887222
Stddev	.0029305	.0022204	.0004828
%RSD	.8032969	2.350077	.5441937
#1	.3648842	.0966435	.0892660
#2	.3618357	.0922069	.0883438
#3	.3676950	.0945919	.0885568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.691	30792.67	4213.464	1005.151	2707.441
Stddev	1.672	60.43	11.921	4.551	7.098
%RSD	.0907646	.1962511	.2829322	.4527460	.2621565
#1	1839.793	30749.86	4213.855	1000.390	2704.431
#2	1842.944	30861.80	4201.352	1009.457	2715.548
#3	1842.337	30766.36	4225.185	1005.607	2702.345

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-08DLX5 Acquired: 06/29/2024 16:33:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1206872	.0015327	.0875879	-.030014	.0029079	28.32714	1.438516
Stddev	.0052452	.0010256	.0017588	.006597	.0012265	.13029	.004296
%RSD	4.346116	66.91374	2.007993	21.97861	42.18021	.4599429	.2986297
#1	.1267412	.0020365	.0862800	-.022805	.0015931	28.32094	1.435419
#2	.1178167	.0022091	.0868964	-.035749	.0031092	28.46042	1.443420
#3	.1175038	.0003527	.0895873	-.031488	.0040213	28.20006	1.436708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011348	.0029677	9.953489	.0971667	.0713505	.1909049	114.7054
Stddev	.0000879	.0000850	.017814	.0005352	.0002942	.0036060	.5791
%RSD	7.749564	2.863007	.1789737	.5508471	.4123893	1.888910	.5048544
#1	.0012351	.0028696	9.947517	.0972155	.0713494	.1899968	114.4996
#2	.0010708	.0030156	9.973522	.0966087	.0710568	.1948782	115.3592
#3	.0010986	.0030179	9.939428	.0976758	.0716453	.1878397	114.2572

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.26902	16.49059	.1104755	-.003350	.4783344	.2001612	.2464921
Stddev	.01831	.10572	.0006455	.000183	.1669436	.0030530	.0038814
%RSD	.1199242	.6410951	.5842883	5.457445	34.90103	1.525252	1.574664
#1	15.25746	16.60727	.1104101	-.003439	.3000699	.2022815	.2499697
#2	15.29013	16.40118	.1098652	-.003139	.6310000	.1966620	.2472019
#3	15.25946	16.46331	.1111512	-.003470	.5039332	.2015400	.2423048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.871823	2.123994	.0548816	-.000649	.3066540	1.210134	-.000060
Stddev	.092263	.001076	.0020756	.000266	.0025853	.002593	.001144
%RSD	1.172061	.0506392	3.781962	40.95348	.8430631	.2142423	1911.838
#1	7.856909	2.123114	.0530762	-.000923	.3048318	1.212786	.000455
#2	7.970635	2.123676	.0571494	-.000392	.3096129	1.207605	.000736
#3	7.787927	2.125193	.0544192	-.000632	.3055173	1.210011	-.001371

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-08DLX5 Acquired: 06/29/2024 16:33:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2958917	.0844697	.0927967
Stddev	.0021183	.0021825	.0007445
%RSD	.7158919	2.583774	.8023101
#1	.2959367	.0842780	.0930228
#2	.2979871	.0823894	.0934020
#3	.2937513	.0867417	.0919653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.818	30941.00	4246.490	1009.858	2723.380
Stddev	3.395	63.30	16.046	7.381	6.468
%RSD	.1841493	.2045833	.3778665	.7308568	.2375169
#1	1842.392	30986.70	4243.740	1011.881	2723.630
#2	1847.694	30868.75	4231.997	1001.676	2729.720
#3	1841.368	30967.56	4263.734	1016.016	2716.790

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-09DLX5 Acquired: 06/29/2024 16:38:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1837169	-.004690	.0871365	-.037646	.0028532	47.84324	.9438189
Stddev	.0037735	.001404	.0032521	.003057	.0025045	.21093	.0019377
%RSD	2.053958	29.94552	3.732152	8.120079	87.77753	.4408795	.2053066
#1	.1828284	-.005108	.0841004	-.040805	.0000015	47.61652	.9421549
#2	.1804671	-.005837	.0867408	-.034703	.0038629	47.87951	.9459463
#3	.1878554	-.003124	.0905684	-.037431	.0046952	48.03368	.9433555

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012498	.0027911	14.44083	.1294063	.0888890	.2227870	140.5349
Stddev	.0001361	.0002484	.02131	.0007395	.0003353	.0017385	.5929
%RSD	10.89218	8.898945	.1475999	.5714375	.3771943	.7803186	.4218832
#1	.0011716	.0026214	14.41641	.1302147	.0885359	.2224034	139.9230
#2	.0011708	.0026756	14.45568	.1287640	.0889281	.2212724	140.5749
#3	.0014069	.0030762	14.45041	.1292402	.0892030	.2246852	141.1068

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.41458	30.53602	.1177994	-.004217	.5554424	.2920957	.3057677
Stddev	.03699	.29235	.0005939	.000192	.1304792	.0018713	.0082918
%RSD	.2979430	.9573821	.5041624	4.544153	23.49105	.6406447	2.711781
#1	12.38042	30.40562	.1171549	-.003997	.6919578	.2940908	.2979113
#2	12.40945	30.33157	.1183245	-.004348	.4319806	.2918168	.3049566
#3	12.45386	30.87088	.1179187	-.004307	.5423888	.2903795	.3144352

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.16115	3.115921	.0718762	-.000349	.5806132	1.665167	.0007524
Stddev	.15224	.009492	.0007316	.000584	.0131871	.014041	.0004158
%RSD	1.004144	.3046340	1.017870	167.5130	2.271232	.8432407	55.26679
#1	14.98658	3.105425	.0710814	-.000166	.5681025	1.649343	.0008428
#2	15.23050	3.118432	.0725216	-.001003	.5793511	1.670021	.0011156
#3	15.26636	3.123904	.0720255	.000123	.5943860	1.676139	.0002988

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-09DLX5 Acquired: 06/29/2024 16:38:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4050350	.1167791	.1085472
Stddev	.0030891	.0017720	.0005558
%RSD	.7626759	1.517352	.5120448
#1	.4015355	.1181533	.1079166
#2	.4061867	.1174049	.1087594
#3	.4073829	.1147792	.1089658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.846	30817.69	4230.099	1004.218	2673.322
Stddev	4.466	88.48	19.628	2.438	10.902
%RSD	.2439274	.2871196	.4640021	.2427587	.4078182
#1	1833.824	30777.70	4252.761	1004.824	2682.039
#2	1833.002	30919.11	4219.086	1006.296	2676.830
#3	1825.711	30756.27	4218.451	1001.535	2661.098

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-10DLX2 Acquired: 06/29/2024 16:42:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2036095	-.005435	.1136174	-.048543	.0068307	69.23641	1.063533
Stddev	.0106267	.001938	.0005335	.004451	.0035486	.50637	.003870
%RSD	5.219178	35.65487	.4695442	9.168567	51.95098	.7313681	.3638514
#1	.1958150	-.004841	.1142263	-.053292	.0027371	68.94971	1.062119
#2	.1992992	-.007600	.1132319	-.044467	.0087216	69.82108	1.067910
#3	.2157141	-.003863	.1133940	-.047871	.0090334	68.93843	1.060569

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020616	.0037842	12.55737	.1932227	.1459301	.2783551	218.7084
Stddev	.0002037	.0001478	.03266	.0009761	.0003409	.0023311	.9408
%RSD	9.880393	3.904998	.2601167	.5051886	.2335709	.8374698	.4301408
#1	.0022886	.0038382	12.54585	.1926618	.1458186	.2756819	218.0008
#2	.0018946	.0036170	12.59423	.1943498	.1456589	.2794179	219.7760
#3	.0020017	.0038974	12.53202	.1926564	.1463127	.2799654	218.3483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.31185	43.95813	.1747343	-.006675	.5795084	.4065189	.4577496
Stddev	.06773	.09882	.0007975	.000636	.1084474	.0024728	.0053324
%RSD	.3507315	.2247947	.4563776	9.521669	18.71369	.6082837	1.164913
#1	19.28511	43.86892	.1749497	-.007355	.5767700	.4086636	.4583851
#2	19.38887	44.06434	.1738512	-.006096	.6892991	.4070789	.4627357
#3	19.26156	43.94114	.1754019	-.006575	.4724561	.4038141	.4521279

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.27582	3.231830	.1028416	-.000477	.1749587	3.344843	.0046466
Stddev	.14767	.015639	.0011845	.000299	.0029126	.019997	.0022243
%RSD	.9073075	.4839012	1.151824	62.69252	1.664714	.5978400	47.87062
#1	16.13555	3.234683	.1015509	-.000147	.1779687	3.362650	.0026987
#2	16.42992	3.214962	.1030948	-.000730	.1721544	3.323210	.0070704
#3	16.26200	3.245847	.1038791	-.000553	.1747531	3.348669	.0041706

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-10DLX2 Acquired: 06/29/2024 16:42:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7784232	.1594659	.1358455
Stddev	.0056640	.0035502	.0012027
%RSD	.7276298	2.226311	.8853395
#1	.7730552	.1567516	.1346079
#2	.7843429	.1634836	.1370099
#3	.7778715	.1581624	.1359188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.469	30993.35	4306.852	1011.785	2642.005
Stddev	3.194	194.48	5.633	4.072	2.965
%RSD	.1723084	.6275040	.1307804	.4024178	.1122223
#1	1856.780	31154.34	4303.268	1016.170	2644.281
#2	1853.220	30777.26	4313.344	1008.124	2643.082
#3	1850.407	31048.45	4303.943	1011.060	2638.652

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-11DLX5 Acquired: 06/29/2024 16:47:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1172196	-.003603	.1274126	-.033362	.0025567	33.37188	.9447908
Stddev	.0049148	.000722	.0018451	.006927	.0011451	.20463	.0046010
%RSD	4.192802	20.03305	1.448135	20.76476	44.78710	.6131847	.4869807
#1	.1228574	-.003719	.1253900	-.041065	.0016044	33.16859	.9395737
#2	.1149630	-.002830	.1290037	-.027643	.0022385	33.36924	.9482684
#3	.1138383	-.004259	.1278443	-.031377	.0038272	33.57782	.9465302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015170	.0041244	5.018337	.0864639	.0798118	.2905324	126.0049
Stddev	.0000507	.0000880	.024311	.0005736	.0001077	.0006188	.5627
%RSD	3.342947	2.133487	.4844441	.6634547	.1349235	.2129907	.4465691
#1	.0015200	.0040721	4.991583	.0862770	.0799230	.2910962	125.4035
#2	.0014648	.0042260	5.039076	.0871077	.0798044	.2898703	126.0929
#3	.0015661	.0040751	5.024350	.0860071	.0797080	.2906307	126.5185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.71121	19.70635	.1026751	-.003312	.3357628	.1830783	.3560433
Stddev	.05078	.04256	.0007483	.000040	.1802347	.0042296	.0027701
%RSD	.3994619	.2159814	.7288556	1.198685	53.67917	2.310268	.7780218
#1	12.65690	19.68022	.1019441	-.003269	.3858838	.1784338	.3537887
#2	12.71923	19.68337	.1026414	-.003319	.1357724	.1867086	.3552057
#3	12.75751	19.75547	.1034397	-.003347	.4856321	.1840926	.3591356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.914579	1.658496	.0578597	-.000502	.1545033	1.394192	.0008906
Stddev	.060895	.006227	.0012544	.000274	.0076143	.003057	.0012216
%RSD	.7694072	.3754710	2.168068	54.47466	4.928229	.2192830	137.1652
#1	7.844301	1.663510	.0584666	-.000196	.1632376	1.396932	.0000464
#2	7.947728	1.651526	.0586953	-.000587	.1492639	1.390895	.0022914
#3	7.951708	1.660452	.0564173	-.000723	.1510084	1.394750	.0003340

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-11DLX5 Acquired: 06/29/2024 16:47:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4112618	.0959874	.0555085
Stddev	.0007737	.0018080	.0003742
%RSD	.1881335	1.883586	.6740405
#1	.4113940	.0939228	.0552412
#2	.4104306	.0972882	.0553483
#3	.4119610	.0967512	.0559361

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.026	30825.47	4236.254	1007.372	2725.030
Stddev	3.213	78.25	6.525	8.070	1.833
%RSD	.1747337	.2538561	.1540214	.8010583	.0672707
#1	1840.545	30915.83	4243.615	1016.660	2726.936
#2	1841.197	30780.79	4233.962	1003.374	2724.873
#3	1835.334	30779.79	4231.184	1002.082	2723.279

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-13DLX5 Acquired: 06/29/2024 16:51:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1240036	-.002885	.1620574	-.038597	.0040061	38.52602	1.021621
Stddev	.0037284	.002258	.0017189	.005012	.0017864	.15913	.003138
%RSD	3.006730	78.28065	1.060706	12.98649	44.59285	.4130514	.3071492
#1	.1209752	-.000889	.1634946	-.038679	.0020305	38.70943	1.025230
#2	.1281679	-.002429	.1625243	-.043568	.0044798	38.44389	1.020093
#3	.1228677	-.005336	.1601532	-.033544	.0055079	38.42473	1.019540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015100	.0040662	5.877437	.1132766	.0676881	.2444967	143.2811
Stddev	.0001502	.0000949	.022129	.0006925	.0003770	.0039616	.3047
%RSD	9.946414	2.333328	.3765100	.6113084	.5569122	1.620303	.2126249
#1	.0014963	.0040468	5.902955	.1128623	.0681206	.2469783	143.3523
#2	.0016666	.0041692	5.863523	.1140760	.0675141	.2399279	143.5438
#3	.0013671	.0039825	5.865833	.1128915	.0674296	.2465839	142.9471

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.02615	23.05684	.1038131	-.004158	.1275313	.2301181	.3473520
Stddev	.02562	.05000	.0001483	.000209	.3191756	.0047636	.0045962
%RSD	.2323574	.2168738	.1428320	5.035146	250.2724	2.070052	1.323197
#1	11.04915	23.05029	.1037050	-.004259	.1868334	.2335550	.3500632
#2	11.03076	23.10979	.1039822	-.004297	.4128969	.2321189	.3420452
#3	10.99854	23.01043	.1037522	-.003917	-.217136	.2246805	.3499475

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60933	2.130461	.0683522	-.001051	.2307535	1.593950	.0010496
Stddev	.04377	.009474	.0017595	.000669	.0036469	.004703	.0012470
%RSD	.4125374	.4446753	2.574107	63.70196	1.580412	.2950257	118.8089
#1	10.59843	2.121109	.0702921	-.000468	.2296786	1.599377	.0023536
#2	10.57204	2.140052	.0668595	-.000903	.2277649	1.591082	.0009263
#3	10.65752	2.130222	.0679050	-.001782	.2348170	1.591391	-.000131

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-13DLX5 Acquired: 06/29/2024 16:51:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4800907	.0932044	.0621506
Stddev	.0010565	.0021280	.0000310
%RSD	.2200710	2.283114	.0498723
#1	.4806831	.0908108	.0621227
#2	.4788709	.0948821	.0621840
#3	.4807181	.0939204	.0621451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.602	30801.12	4217.351	1004.558	2712.729
Stddev	2.310	129.85	21.682	7.250	3.825
%RSD	.1257108	.4215814	.5141221	.7217581	.1410048
#1	1835.417	30941.56	4228.429	1008.303	2708.313
#2	1840.019	30685.40	4192.368	996.200	2715.022
#3	1837.370	30776.41	4231.256	1009.169	2714.851

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-14DLX5 Acquired: 06/29/2024 16:56:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1393623	-.001672	.1210440	-.030463	.0020363	36.46685	1.247297
Stddev	.0062839	.001180	.0021211	.002572	.0021360	.09131	.002599
%RSD	4.509038	70.57582	1.752367	8.444172	104.8966	.2503872	.2083473
#1	.1367832	-.002999	.1187008	-.030777	.0043878	36.43087	1.246612
#2	.1465254	-.000740	.1215979	-.027748	.0015049	36.39902	1.245109
#3	.1347783	-.001278	.1228332	-.032864	.0002161	36.57067	1.250170

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010056	.0044870	5.623660	.0921063	.0876652	.2765968	118.9631
Stddev	.0001403	.0001672	.020046	.0021309	.0000643	.0029397	.4342
%RSD	13.95439	3.726956	.3564556	2.313516	.0732876	1.062807	.3649631
#1	.0009019	.0043067	5.638497	.0912199	.0876104	.2762568	118.7709
#2	.0009497	.0045171	5.600856	.0945373	.0876495	.2796916	118.6582
#3	.0011653	.0046371	5.631628	.0905617	.0877359	.2738418	119.4602

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.85934	23.21950	.0927408	-.003310	.2410532	.2177309	.3736238
Stddev	.03424	.01960	.0008938	.000319	.1292564	.0003175	.0050396
%RSD	.2470351	.0844055	.9637181	9.647914	53.62150	.1458192	1.348858
#1	13.82611	23.21933	.0924198	-.003064	.3457917	.2180695	.3713187
#2	13.85742	23.23918	.0920519	-.003671	.0965993	.2174399	.3794038
#3	13.89450	23.19999	.0937507	-.003196	.2807688	.2176834	.3701490

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.59429	1.909299	.0548618	-.000718	.1523347	1.141316	.0013897
Stddev	.12602	.007072	.0020100	.000196	.0049320	.003268	.0011136
%RSD	1.189532	.3703725	3.663723	27.26110	3.237583	.2863541	80.13388
#1	10.45745	1.901145	.0569610	-.000826	.1525537	1.138352	.0001382
#2	10.61985	1.913750	.0546697	-.000492	.1571535	1.140775	.0022712
#3	10.70557	1.913002	.0529548	-.000836	.1472969	1.144821	.0017597

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-14DLX5 Acquired: 06/29/2024 16:56:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3819004	.1026595	.1276093
Stddev	.0019283	.0006152	.0004355
%RSD	.5049229	.5992187	.3413015
#1	.3820164	.1028463	.1272823
#2	.3799167	.1019726	.1281037
#3	.3837680	.1031596	.1274420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.349	30678.04	4242.181	1005.037	2706.666
Stddev	1.159	273.65	29.187	7.299	1.146
%RSD	.0630936	.8919936	.6880186	.7262355	.0423450
#1	1838.102	30920.95	4272.656	1010.862	2707.953
#2	1837.931	30381.58	4239.407	996.849	2706.291
#3	1836.014	30731.60	4214.480	1007.400	2705.755

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-15DLX2 Acquired: 06/29/2024 17:00:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4253728	-.009696	.1744676	-.071881	.0110092	91.24256	2.225056
Stddev	.0006052	.002803	.0001910	.001471	.0023771	.62260	.004951
%RSD	.1422865	28.91308	.1095005	2.046065	21.59232	.6823531	.2225072
#1	.4259633	-.010327	.1746669	-.070190	.0120499	90.52373	2.224207
#2	.4254013	-.006631	.1744500	-.072862	.0126885	91.61137	2.230376
#3	.4247538	-.012130	.1742860	-.072591	.0082892	91.59258	2.220584

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028732	.0077343	15.96057	.2716086	.1944487	.6176695	293.5765
Stddev	.0001833	.0000504	.05450	.0007849	.0004207	.0072589	1.0993
%RSD	6.379790	.6515517	.3414768	.2889734	.2163516	1.175204	.3744577
#1	.0026713	.0077427	15.91329	.2714276	.1941564	.6094147	292.3589
#2	.0030291	.0077799	15.94825	.2709299	.1942589	.6205383	293.8746
#3	.0029192	.0076802	16.02018	.2724681	.1949309	.6230556	294.4961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.29436	53.79952	.2682862	-.007973	.8398986	.6180394	.5218594
Stddev	.09709	.19636	.0011534	.000125	.1548793	.0075722	.0032080
%RSD	.3692316	.3649777	.4299115	1.565228	18.44024	1.225204	.6147180
#1	26.18650	53.60816	.2693673	-.007847	.8733092	.6104110	.5245635
#2	26.32182	53.78990	.2670721	-.008097	.9753458	.6255543	.5183149
#3	26.37476	54.00051	.2684192	-.007973	.6710407	.6181528	.5226998

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.44945	4.401823	.1372637	-.000652	.2585277	3.168860	.0050453
Stddev	.24135	.015860	.0034727	.000232	.0102702	.049302	.0009869
%RSD	1.180234	.3602980	2.529930	35.52948	3.972558	1.555836	19.56189
#1	20.17938	4.403862	.1412513	-.000882	.2482969	3.112761	.0048294
#2	20.64402	4.385043	.1356361	-.000655	.2688368	3.205298	.0061223
#3	20.52496	4.416565	.1349038	-.000419	.2584493	3.188522	.0041841

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-15DLX2 Acquired: 06/29/2024 17:00:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.086854	.1971229	.1744956
Stddev	.003840	.0014073	.0026597
%RSD	.3532675	.7139127	1.524253
#1	1.082488	.1962881	.1714514
#2	1.088367	.1987477	.1763695
#3	1.089706	.1963329	.1756660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.401	31306.53	4366.604	1015.687	2581.768
Stddev	1.719	156.89	51.575	6.869	3.373
%RSD	.0926265	.5011396	1.181116	.6762950	.1306634
#1	1857.197	31170.77	4423.286	1011.497	2582.185
#2	1853.772	31478.29	4354.082	1023.614	2584.914
#3	1855.235	31270.51	4322.443	1011.949	2578.205

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-16DLX5 Acquired: 06/29/2024 17:04:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1383536	.0015423	.0603612	-.020742	.0027347	20.38116	2.202098
Stddev	.0037925	.0018310	.0009559	.006167	.0015557	.42807	.045684
%RSD	2.741155	118.7211	1.583572	29.73361	56.88857	2.100316	2.074571
#1	.1419441	-.000324	.0614616	-.021346	.0014307	19.94149	2.152584
#2	.1387295	.003336	.0597361	-.014294	.0023167	20.79660	2.242613
#3	.1343871	.001616	.0598861	-.026584	.0044567	20.40540	2.211096

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007312	.0026675	6.779533	.0596144	.0623572	.1728978	89.30346
Stddev	.0000258	.0002018	.140197	.0005939	.0002180	.0023596	1.77980
%RSD	3.528729	7.565272	2.067950	.9962095	.3495547	1.364743	1.992985
#1	.0007452	.0026313	6.622761	.0602512	.0622747	.1702369	87.38471
#2	.0007470	.0024863	6.892878	.0595165	.0621924	.1747358	90.90041
#3	.0007014	.0028850	6.822961	.0590756	.0626043	.1737206	89.62526

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.40336	10.96505	.0698893	-.003184	.2937487	.1679206	.1808681
Stddev	.34082	.26341	.0011322	.000148	.0931914	.0055200	.0043142
%RSD	2.077755	2.402304	1.620035	4.641357	31.72488	3.287283	2.385269
#1	16.03455	10.67919	.0690744	-.003023	.2777525	.1641532	.1821009
#2	16.70669	11.19798	.0694113	-.003217	.2095907	.1653518	.1760717
#3	16.46884	11.01798	.0711821	-.003313	.3939028	.1742569	.1844316

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.817175	1.845189	.0416207	-.000678	.0663338	.7891081	.0007370
Stddev	.122837	.001861	.0012873	.000179	.0096130	.0174689	.0010352
%RSD	3.218002	.1008536	3.092866	26.41707	14.49191	2.213753	140.4693
#1	3.730957	1.844858	.0411901	-.000796	.0622021	.7693841	.0004078
#2	3.957822	1.847194	.0430681	-.000766	.0594773	.8026287	.0018968
#3	3.762746	1.843517	.0406039	-.000472	.0773219	.7953116	-.000094

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-16DLX5 Acquired: 06/29/2024 17:04:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2121352	.0523245	.0948028
Stddev	.0059449	.0034207	.0025325
%RSD	2.802404	6.537501	2.671344
#1	.2056544	.0484001	.0921874
#2	.2173355	.0538988	.0972433
#3	.2134157	.0546746	.0949776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.340	31012.12	4247.590	1011.619	2761.639
Stddev	2.046	251.58	66.867	9.554	5.142
%RSD	.1106377	.8112437	1.574234	.9444755	.1861870
#1	1850.326	30872.25	4324.600	1008.775	2765.271
#2	1850.707	31302.56	4204.259	1022.273	2763.891
#3	1846.988	30861.56	4213.912	1003.809	2755.756

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV096 Acquired: 06/29/2024 17:09:24 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV096 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923403	4.728707	24.24466	4.703240	4.960339	400.4807	10.23864
Stddev	.013803	.012217	.09678	.015551	.014440	1.7109	.04458
%RSD	.2803577	.2583595	.3991627	.3306392	.2911051	.4272033	.4353610
#1	4.919908	4.740419	24.35154	4.716990	4.972907	398.6567	10.18956
#2	4.938618	4.729663	24.21948	4.686363	4.944566	400.7355	10.24973
#3	4.911684	4.716041	24.16297	4.706366	4.963543	402.0499	10.27662

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5026099	2.532252	398.9241	15.22227	2.462356	14.73894	382.0429
Stddev	.0013695	.010946	1.9096	.02024	.009187	.10672	2.3926
%RSD	.2724726	.4322552	.4786769	.1329337	.3730778	.7240774	.6262708
#1	.5011242	2.541061	396.8874	15.23181	2.472350	14.64846	379.3685
#2	.5028838	2.535697	399.2110	15.23597	2.460438	14.71173	382.7800
#3	.5038217	2.519999	400.6741	15.19903	2.454280	14.85663	383.9803

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.68438	379.4653	2.438634	1.297680	401.1881	2.512793	14.67607
Stddev	.08696	2.6339	.011521	.003417	1.3014	.018479	.06258
%RSD	.5922251	.6941116	.4724439	.2633104	.3243868	.7354052	.4264349
#1	14.58688	376.4820	2.449758	1.299498	399.7592	2.497404	14.73367
#2	14.71229	380.4449	2.439391	1.293738	401.4997	2.533288	14.60948
#3	14.75396	381.4691	2.426753	1.299803	402.3054	2.507687	14.68506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.2635	5.020418	4.878431	4.801962	4.980637	5.055495	5.006981
Stddev	.9447	.014166	.032655	.017729	.022444	.019687	.010670
%RSD	.6084414	.2821758	.6693823	.3692033	.4506335	.3894261	.2131124
#1	154.3693	5.020838	4.851668	4.821863	5.003119	5.033154	5.017221
#2	155.1695	5.034370	4.868808	4.787853	4.980561	5.063026	5.007796
#3	156.2516	5.006047	4.914816	4.796170	4.958231	5.070306	4.995927

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV096 Acquired: 06/29/2024 17:09:24 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV096 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.875579	5.080184	4.885419
Stddev	.014624	.042517	.045102
%RSD	.2999346	.8369191	.9231984
#1	4.860837	5.031739	4.837970
#2	4.875819	5.097509	4.890552
#3	4.890082	5.111302	4.927735

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1472.003	25877.59	3868.202	801.4362	2064.686
Stddev	7.408	93.67	25.558	4.2824	5.592
%RSD	.5032408	.3619546	.6607247	.5343365	.2708477
#1	1468.897	25866.62	3884.939	799.3576	2061.455
#2	1480.458	25976.26	3880.884	806.3611	2071.143
#3	1466.654	25789.90	3838.783	798.5898	2061.460

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCB096 Acquired: 06/29/2024 17:13:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029182	-.000346	-.000449	-.002706	-.000542	-.005364
Stddev	.0017335	.001348	.001562	.000799	.001283	.002738
%RSD	59.40492	389.9856	347.5981	29.51499	236.7374	51.04656
#1	.0022101	.000464	-.002224	-.001784	-.001829	-.002202
#2	.0016508	.000401	.000161	-.003153	.000738	-.006971
#3	.0048937	-.001902	.000715	-.003183	-.000535	-.006920

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009218	-.000037	-.000029	.0175331	.0001352	.0000168
Stddev	.0004720	.000052	.000030	.0242725	.0004232	.0001360
%RSD	51.20645	142.7467	103.1282	138.4386	313.0550	809.6011
#1	.0014241	-.000021	-.000029	-.008368	-.000179	-.000062
#2	.0008538	-.000095	-.000058	.039758	.000616	.000174
#3	.0004874	.000006	.000001	.021209	-.000032	-.000062

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022064	.0022508	.0006544	.0159402	-.000121	-.000490
Stddev	.0012799	.0114459	.0003664	.0352849	.000355	.000589
%RSD	58.00787	508.5261	55.99195	221.3574	294.6887	120.2081
#1	.0009183	.0019487	.0005265	.0497523	.000114	.000072
#2	.0022230	.0138447	.0003691	.0187212	.000053	-.000440
#3	.0034780	-.009041	.0010676	-.020653	-.000529	-.001103

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1287521	.0035595	.0012220	.0811671	-.000597	.0095433
Stddev	.2675317	.0015766	.0079897	.1080402	.001812	.0007431
%RSD	207.7882	44.29332	653.7915	133.1084	303.7957	7.786784
#1	.3166164	.0053481	.0028916	.1100251	-.000272	.0100836
#2	.2471957	.0029590	.0082450	.1718479	-.002550	.0098504
#3	-.177556	.0023713	-.007470	-.038372	.001031	.0086958

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCB096 Acquired: 06/29/2024 17:13:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006335	.0017718	.0008399	.0013857	-.000333	F .0176757
Stddev	.0002641	.0028286	.0014066	.0009360	.002215	.0015870
%RSD	41.68613	159.6464	167.4783	67.55118	664.6600	8.978212
#1	.0003363	.0017127	.0023904	.0003233	-.002787	.0194944
#2	.0007230	.0046296	-.000354	.0017443	.000269	.0169607
#3	.0008412	-.001027	.000484	.0020893	.001518	.0165720

Elem	Sr4077
Units	ppm
Avg	-.000063
Stddev	.000042
%RSD	66.73864
#1	-.000109
#2	-.000056
#3	-.000025

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.968	30754.21	4102.972	999.4726	2884.450
Stddev	7.962	165.92	9.094	5.8724	6.865
%RSD	.4367465	.5394942	.2216422	.5875463	.2380129
#1	1821.396	30594.94	4093.330	993.5183	2883.152
#2	1831.598	30741.65	4111.395	999.6401	2891.871
#3	1815.908	30926.06	4104.190	1005.260	2878.326

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-17DLX5 Acquired: 06/29/2024 17:18:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1227735	-.002867	.0606911	-.031973	.0054427	38.84325	.7721215
Stddev	.0047971	.002281	.0030914	.004767	.0017545	.02984	.0021023
%RSD	3.907260	79.54461	5.093655	14.90876	32.23664	.0768292	.2722707
#1	.1175789	-.001264	.0621862	-.026872	.0036866	38.85659	.7734541
#2	.1270363	-.005478	.0571364	-.036314	.0071957	38.86410	.7732123
#3	.1237054	-.001859	.0627507	-.032731	.0054458	38.80907	.7696980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013956	.0019859	7.787986	.1055052	.0779811	.1604012	120.1764
Stddev	.0000325	.0000627	.044168	.0008275	.0000225	.0062144	.1823
%RSD	2.329906	3.158785	.5671283	.7843640	.0288180	3.874272	.1517013
#1	.0014191	.0019574	7.801908	.1051180	.0779585	.1544257	120.0473
#2	.0013585	.0020578	7.823515	.1064554	.0780034	.1668297	120.3849
#3	.0014092	.0019424	7.738534	.1049423	.0779814	.1599482	120.0969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.16194	23.57382	.1001972	-.003635	.2176306	.2251799	.2201407
Stddev	.02372	.14150	.0004715	.000385	.1324996	.0005699	.0059952
%RSD	.2125500	.6002244	.4706000	10.59365	60.88283	.2530843	2.723338
#1	11.16202	23.71856	.0996991	-.003447	.1471302	.2248742	.2250397
#2	11.18563	23.56710	.1006367	-.004079	.1352864	.2258374	.2219270
#3	11.13818	23.43581	.1002557	-.003381	.3704751	.2248281	.2134554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.195046	1.467184	.0610847	-.000132	.1031298	1.570863	.0008008
Stddev	.094306	.010479	.0006118	.000552	.0083224	.006770	.0015864
%RSD	1.522281	.7142311	1.001577	418.5191	8.069819	.4309666	198.1133
#1	6.090434	1.455190	.0603785	.000256	.1075237	1.571091	.0020912
#2	6.273542	1.474565	.0614533	-.000763	.0935313	1.577515	.0012815
#3	6.221160	1.471797	.0614223	.000112	.1083343	1.563981	-.000970

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-17DLX5 Acquired: 06/29/2024 17:18:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3333987	.0952018	.0798891
Stddev	.0023606	.0003804	.0001160
%RSD	.7080517	.3995375	.1451407
#1	.3322409	.0956373	.0799974
#2	.3361147	.0949343	.0799031
#3	.3318404	.0950339	.0797668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.544	30943.72	4219.895	1005.994	2714.643
Stddev	4.548	27.84	26.929	1.687	3.218
%RSD	.2470920	.0899844	.6381327	.1676667	.1185511
#1	1843.254	30975.35	4199.406	1007.646	2718.328
#2	1843.085	30932.89	4209.883	1006.062	2713.216
#3	1835.294	30922.92	4250.395	1004.274	2712.384

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-18DLX2 Acquired: 06/29/2024 17:22:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4382825	-.011556	.4313769	-.080451	.0143199	104.4668	1.725540
Stddev	.0048190	.003628	.0022311	.003402	.0031233	.4032	.003192
%RSD	1.099512	31.39422	.5172066	4.228918	21.81127	.3859778	.1850056
#1	.4437581	-.008162	.4305210	-.083129	.0110608	104.3061	1.722262
#2	.4346869	-.011127	.4339093	-.076623	.0172870	104.1688	1.725719
#3	.4364024	-.015380	.4297005	-.081601	.0146118	104.9256	1.728639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035053	.0115332	14.11100	.2956933	.2056183	.8169095	326.8687
Stddev	.0002236	.0002708	.06079	.0019409	.0005616	.0044573	.6092
%RSD	6.377722	2.347911	.4307792	.6563726	.2731095	.5456355	.1863654
#1	.0037628	.0118035	14.04198	.2958376	.2049712	.8154022	326.2776
#2	.0033613	.0115341	14.13445	.2975580	.2059778	.8134012	326.8340
#3	.0033917	.0112619	14.15657	.2936843	.2059059	.8219251	327.4945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.86681	61.90459	.2877733	-.008763	1.210441	.6221867	.7195230
Stddev	.06800	.35062	.0004826	.000183	.207151	.0047880	.0164018
%RSD	.2734605	.5663852	.1677140	2.085366	17.11367	.7695509	2.279539
#1	24.79721	61.50343	.2877477	-.008739	1.443777	.6229400	.7013987
#2	24.87013	62.05787	.2882682	-.008957	1.139351	.6170667	.7333445
#3	24.93309	62.15246	.2873039	-.008594	1.048195	.6265535	.7238257

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.19118	5.104697	.1547527	-.001689	.4083834	3.495964	.0069029
Stddev	.11999	.007919	.0018103	.000055	.0117154	.019378	.0014737
%RSD	.4581342	.1551311	1.169829	3.241829	2.868726	.5542865	21.34923
#1	26.25381	5.100092	.1528243	-.001682	.3984046	3.517889	.0078172
#2	26.05283	5.100157	.1550182	-.001747	.4054628	3.488867	.0076886
#3	26.26689	5.113841	.1564157	-.001639	.4212828	3.481134	.0052028

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-18DLX2 Acquired: 06/29/2024 17:22:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.292710	.2183062	.1401858
Stddev	.004777	.0009244	.0008627
%RSD	.3695100	.4234439	.6153848
#1	1.289429	.2187126	.1407510
#2	1.290511	.2189579	.1391928
#3	1.298190	.2172483	.1406136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.636	31418.53	4377.902	1022.285	2578.004
Stddev	5.070	116.36	11.960	5.439	4.805
%RSD	.2717386	.3703705	.2731888	.5320399	.1863875
#1	1860.632	31338.47	4370.135	1026.412	2573.243
#2	1870.769	31552.02	4391.675	1024.321	2577.916
#3	1865.508	31365.12	4371.898	1016.122	2582.852

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-19DLX5 Acquired: 06/29/2024 17:27:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1486588	-.003365	.1033574	-.035376	.0042642	40.72837	1.039583
Stddev	.0077772	.000403	.0015190	.001603	.0007829	.41914	.006204
%RSD	5.231590	11.98441	1.469660	4.532311	18.35900	1.029105	.5967900
#1	.1483488	-.003771	.1037591	-.036357	.0033808	41.05303	1.045644
#2	.1565864	-.003360	.1046351	-.033526	.0048719	40.87688	1.039860
#3	.1410412	-.002964	.1016779	-.036245	.0045400	40.25520	1.033245

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012317	.0033995	6.377318	.1155720	.0789679	.2487765	140.7145
Stddev	.0001144	.0001075	.029971	.0003448	.0003196	.0054295	1.2175
%RSD	9.291228	3.161916	.4699658	.2983703	.4047184	2.182469	.8652084
#1	.0012549	.0035030	6.406616	.1159701	.0791581	.2550459	141.7466
#2	.0011074	.0032885	6.378624	.1153642	.0791468	.2456472	141.0251
#3	.0013328	.0034072	6.346716	.1153818	.0785990	.2456365	139.3718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83457	25.41989	.1084094	-.004206	.5906625	.2539532	.3256759
Stddev	.08970	.21072	.0001314	.000164	.1660420	.0029551	.0090864
%RSD	.6046619	.8289404	.1212110	3.905206	28.11115	1.163657	2.790022
#1	14.89147	25.65203	.1083875	-.004359	.7424697	.2540963	.3338972
#2	14.88108	25.36693	.1082903	-.004032	.4133396	.2568342	.3272107
#3	14.73117	25.24070	.1085503	-.004227	.6161782	.2509291	.3159198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60420	2.194466	.0670630	-.000267	.1748395	1.427533	.0009761
Stddev	.14873	.005897	.0018270	.000254	.0041984	.010549	.0015557
%RSD	1.402574	.2687350	2.724321	95.06633	2.401304	.7389786	159.3741
#1	10.77124	2.190965	.0675089	-.000559	.1746804	1.438603	.0020033
#2	10.55526	2.191158	.0686257	-.000149	.1707229	1.417596	.0017389
#3	10.48611	2.201274	.0650543	-.000094	.1791153	1.426401	-.000814

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-19DLX5 Acquired: 06/29/2024 17:27:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5111544	.1029760	.0923373
Stddev	.0031343	.0024342	.0014344
%RSD	.6131776	2.363831	1.553380
#1	.5147734	.1044801	.0934754
#2	.5093138	.1001676	.0928102
#3	.5093761	.1042802	.0907262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.228	30927.32	4232.374	1006.794	2697.721
Stddev	2.239	75.80	15.929	5.074	3.606
%RSD	.1220713	.2451068	.3763509	.5039381	.1336778
#1	1832.717	31012.65	4214.800	1012.410	2696.046
#2	1836.800	30867.77	4236.465	1002.541	2701.860
#3	1833.167	30901.54	4245.859	1005.432	2695.257

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-20DLX5 Acquired: 06/29/2024 17:31:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1356115	-.000317	.0826392	-.036713	.0056797	46.34645	1.425066
Stddev	.0027541	.003241	.0009447	.004450	.0016459	.15560	.002325
%RSD	2.030840	1022.033	1.143187	12.12003	28.97877	.3357241	.1631423
#1	.1325227	.003423	.0837238	-.037805	.0037893	46.20893	1.422887
#2	.1365004	-.002307	.0819951	-.031819	.0064552	46.31508	1.424798
#3	.1378113	-.002067	.0821989	-.040515	.0067947	46.51534	1.427513

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015920	.0030446	7.524520	.1024536	.1123672	.2519689	146.3850
Stddev	.0001158	.0000228	.018990	.0012981	.0002423	.0017903	.1327
%RSD	7.273506	.7495588	.2523783	1.266990	.2156096	.7105201	.0906193
#1	.0015236	.0030330	7.527252	.1009844	.1124585	.2506724	146.3916
#2	.0017257	.0030709	7.504312	.1029306	.1120926	.2512227	146.2492
#3	.0015267	.0030300	7.541996	.1034456	.1125506	.2540116	146.5143

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.49005	26.17732	.1354950	-.004066	.5321265	.2365272	.3048890
Stddev	.01897	.07389	.0004658	.000544	.3973375	.0047448	.0012162
%RSD	.0973276	.2822697	.3437405	13.38225	74.66975	2.006009	.3989047
#1	19.49940	26.21223	.1360026	-.003533	.9416539	.2416704	.3042690
#2	19.46822	26.09244	.1353953	-.004045	.5065068	.2355905	.3062903
#3	19.50253	26.22727	.1350872	-.004620	.1482187	.2323206	.3041077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.289814	2.332615	.0692022	-.000061	.1487182	1.197079	.0012808
Stddev	.065046	.012617	.0016293	.000206	.0022313	.005081	.0010564
%RSD	.7001853	.5408797	2.354339	334.5136	1.500323	.4244893	82.47633
#1	9.285706	2.342186	.0676911	.000154	.1499195	1.202060	.0001238
#2	9.226919	2.318317	.0709283	-.000256	.1500914	1.197275	.0021939
#3	9.356816	2.337341	.0689872	-.000082	.1461437	1.191902	.0015248

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-20DLX5 Acquired: 06/29/2024 17:31:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4126299	.1286691	.0973906
Stddev	.0023004	.0039008	.0003207
%RSD	.5575025	3.031643	.3293150
#1	.4100191	.1285647	.0972214
#2	.4135109	.1326210	.0971900
#3	.4143595	.1248215	.0977605

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.107	30914.67	4225.475	1007.853	2689.289
Stddev	3.919	132.64	10.456	4.950	1.848
%RSD	.2127711	.4290566	.2474580	.4911775	.0687059
#1	1845.936	30918.32	4217.727	1010.407	2691.309
#2	1842.282	31045.45	4237.368	1011.006	2688.874
#3	1838.103	30780.25	4221.329	1002.148	2687.684

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-21DLX2 Acquired: 06/29/2024 17:35:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4078033	-.008659	.1624566	-.058428	.0084233	82.93727	1.537822
Stddev	.0025273	.002157	.0046237	.003925	.0017019	.21824	.003566
%RSD	.6197253	24.91038	2.846120	6.717405	20.20463	.2631331	.2319127
#1	.4049954	-.008061	.1571476	-.062491	.0103417	83.18656	1.537186
#2	.4098956	-.011052	.1646222	-.054658	.0070949	82.78071	1.534617
#3	.4085188	-.006864	.1656001	-.058133	.0078334	82.84454	1.541664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028138	.0085416	16.53473	.2578034	.1704727	.5866016	253.6289
Stddev	.0000913	.0000925	.02482	.0021129	.0004257	.0072884	.1525
%RSD	3.246251	1.083266	.1501140	.8195633	.2496962	1.242477	.0601224
#1	.0027084	.0086396	16.54663	.2588224	.1703103	.5941601	253.7782
#2	.0028642	.0085296	16.50619	.2592136	.1701521	.5796173	253.4735
#3	.0028688	.0084557	16.55135	.2553741	.1709556	.5860272	253.6351

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.05743	49.11915	.2404483	-.006567	1.043345	.5220447	.5281093
Stddev	.01632	.11568	.0017608	.000157	.283762	.0057953	.0168739
%RSD	.0856372	.2355001	.7323068	2.384873	27.19732	1.110107	3.195154
#1	19.05005	49.17309	.2404673	-.006715	1.369167	.5259779	.5475877
#2	19.04611	49.19800	.2386780	-.006582	.910443	.5153896	.5179559
#3	19.07614	48.98636	.2421995	-.006403	.850424	.5247667	.5187843

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.80230	4.270055	.1185994	-.001092	.4286574	3.422988	.0061569
Stddev	.06080	.011178	.0019377	.000409	.0035616	.017381	.0026188
%RSD	.3415069	.2617774	1.633830	37.45794	.8308695	.5077863	42.53444
#1	17.85905	4.268197	.1188698	-.001205	.4310862	3.402927	.0045479
#2	17.73814	4.259921	.1165407	-.000639	.4245689	3.433545	.0047440
#3	17.80971	4.282045	.1203877	-.001434	.4303171	3.432492	.0091787

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-21DLX2 Acquired: 06/29/2024 17:35:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8367752	.1753118	.1392286
Stddev	.0027937	.0042472	.0003673
%RSD	.3338591	2.422667	.2638211
#1	.8351291	.1741860	.1396514
#2	.8400007	.1717409	.1389886
#3	.8351956	.1800085	.1390457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.861	31373.45	4352.827	1024.672	2609.989
Stddev	1.530	74.89	5.241	2.059	2.740
%RSD	.0819622	.2387031	.1204032	.2009223	.1049737
#1	1866.247	31306.98	4358.436	1022.968	2611.343
#2	1868.603	31358.79	4351.987	1024.088	2611.789
#3	1865.734	31454.59	4348.056	1026.959	2606.836

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-22DLX5 Acquired: 06/29/2024 17:40:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1180283	-.001676	.1153543	-.032447	.0029222	32.04189	1.076394
Stddev	.0019492	.001164	.0039369	.004281	.0014638	.36849	.007126
%RSD	1.651496	69.45972	3.412905	13.19516	50.09422	1.150024	.6620139
#1	.1190158	-.002684	.1126635	-.027531	.0017020	32.20892	1.079634
#2	.1157829	-.000402	.1135266	-.035356	.0045453	32.29728	1.081323
#3	.1192861	-.001940	.1198729	-.034454	.0025192	31.61946	1.068223

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014359	.0032470	4.733749	.0813784	.0738167	.2988988	133.5666
Stddev	.0001832	.0001305	.005708	.0008342	.0003068	.0018311	1.0658
%RSD	12.75530	4.017667	.1205888	1.025114	.4155771	.6126328	.7979416
#1	.0014783	.0030999	4.737133	.0808795	.0735143	.2972896	134.2283
#2	.0015941	.0033486	4.736955	.0809143	.0738082	.3008912	134.1344
#3	.0012352	.0032925	4.727158	.0823415	.0741277	.2985157	132.3372

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79784	17.06361	.0888679	-.003679	.3327220	.1849218	.2686497
Stddev	.11358	.12745	.0011239	.000623	.0909862	.0043968	.0042110
%RSD	.7675752	.7469258	1.264686	16.93550	27.34600	2.377629	1.567466
#1	14.85789	17.16982	.0883021	-.003405	.2667139	.1815885	.2653056
#2	14.86880	17.09873	.0881393	-.003240	.2949400	.1832720	.2672647
#3	14.66684	16.92228	.0901622	-.004392	.4365123	.1899048	.2733787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.475286	1.633906	.0631322	-.000540	.1067254	1.379021	-.000281
Stddev	.099890	.002468	.0018985	.000746	.0060774	.019598	.000738
%RSD	1.178606	.1510402	3.007156	138.1988	5.694460	1.421184	262.7362
#1	8.547306	1.635039	.0621854	-.000511	.1058267	1.385999	-.000967
#2	8.517300	1.631075	.0653179	-.001300	.1011474	1.394176	-.000375
#3	8.361251	1.635604	.0618934	.000192	.1132022	1.356889	.000499

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2823-22DLX5 Acquired: 06/29/2024 17:40:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5M9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4334006	.0887528	.0700004
Stddev	.0046168	.0024076	.0008684
%RSD	1.065256	2.712693	1.240560
#1	.4355806	.0875561	.0703895
#2	.4365238	.0915243	.0706063
#3	.4280974	.0871781	.0690055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.626	30880.30	4204.015	1008.386	2727.248
Stddev	3.548	223.83	24.746	8.956	9.359
%RSD	.1924299	.7248381	.5886358	.8881512	.3431613
#1	1846.280	30850.32	4189.753	1010.337	2734.911
#2	1845.002	31117.61	4189.702	1016.205	2730.016
#3	1839.597	30672.96	4232.589	998.615	2716.817

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-04DLX2 Acquired: 06/29/2024 17:44:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2205320	-.009716	.0593419	-.059737	.0074848	93.42325	.7317957
Stddev	.0029396	.004022	.0016960	.005782	.0030310	.64210	.0011398
%RSD	1.332946	41.40187	2.857985	9.679262	40.49518	.6873036	.1557516
#1	.2190675	-.014344	.0576217	-.053552	.0109048	93.42291	.7325545
#2	.2186124	-.007066	.0593913	-.065006	.0051311	94.06553	.7323477
#3	.2239161	-.007737	.0610126	-.060652	.0064184	92.78132	.7304850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018201	.0039021	19.96055	.2968658	.1510284	.2699969	236.6734
Stddev	.0001399	.0002630	.08197	.0021612	.0017882	.0014758	1.6244
%RSD	7.688898	6.739331	.4106486	.7280087	1.183997	.5465927	.6863573
#1	.0019394	.0035993	19.99239	.2982165	.1490872	.2682970	236.5875
#2	.0016660	.0040734	20.02182	.2980078	.1513895	.2709508	238.3391
#3	.0018548	.0040335	19.86744	.2943732	.1526084	.2707428	235.0936

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.56186	65.78627	.2363522	-.007576	.6375186	.5520815	.3879839
Stddev	.06157	.71976	.0012203	.000213	.1336365	.0060968	.0045476
%RSD	.4539788	1.094081	.5162852	2.814087	20.96197	1.104333	1.172102
#1	13.54986	65.67001	.2351159	-.007545	.7695289	.5466304	.3917319
#2	13.62855	66.55707	.2363847	-.007380	.6407137	.5586652	.3829248
#3	13.50718	65.13172	.2375558	-.007803	.5023132	.5509489	.3892950

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.43611	3.383820	.1138292	-.000107	.3217472	2.041290	.0030188
Stddev	.17235	.023553	.0006202	.000483	.0060785	.004375	.0007760
%RSD	1.282739	.6960551	.5448461	450.0319	1.889216	.2143288	25.70628
#1	13.36978	3.358622	.1142905	-.000304	.3147625	2.038332	.0033643
#2	13.63177	3.387557	.1140730	-.000461	.3246402	2.046316	.0021301
#3	13.30677	3.405281	.1131242	.000443	.3258388	2.039223	.0035621

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-04DLX2 Acquired: 06/29/2024 17:44:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8738332	.1741845	.1410540
Stddev	.0086229	.0008315	.0014164
%RSD	.9867937	.4773565	1.004145
#1	.8703076	.1732829	.1407714
#2	.8836603	.1743494	.1425904
#3	.8675317	.1749212	.1398002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.232	30717.51	4251.216	1000.021	2577.551
Stddev	6.966	177.21	12.763	2.157	17.213
%RSD	.3831119	.5768941	.3002130	.2157367	.6678056
#1	1825.523	30515.14	4254.638	998.667	2596.873
#2	1811.645	30844.92	4237.091	998.886	2571.927
#3	1817.529	30792.48	4261.919	1002.509	2563.854

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-05DLX5 Acquired: 06/29/2024 17:49:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1566332	-.002236	.0282130	-.024957	.0032821	44.80568	.7815043
Stddev	.0013073	.003986	.0007244	.002936	.0006219	.24970	.0029807
%RSD	.8346533	178.2694	2.567656	11.76543	18.94843	.5572967	.3814076
#1	.1555519	-.003281	.0273885	-.021736	.0039143	44.97224	.7842870
#2	.1580861	-.005595	.0285034	-.025653	.0026711	44.92624	.7818670
#3	.1562616	.002168	.0287472	-.027483	.0032609	44.51858	.7783588

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008729	.0017353	8.332514	.1526769	.0720856	.1509887	112.4460
Stddev	.0000817	.0002934	.043885	.0018856	.0000658	.0001433	.3714
%RSD	9.356036	16.90797	.5266730	1.235012	.0912575	.0948931	.3303274
#1	.0009460	.0016598	8.364484	.1530366	.0720520	.1508588	112.4580
#2	.0007848	.0014870	8.350577	.1543568	.0720433	.1509649	112.8112
#3	.0008880	.0020590	8.282480	.1506374	.0721614	.1511424	112.0686

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90133	31.45080	.1160917	-.003744	.3195574	.2755046	.1860338
Stddev	.03744	.02136	.0004510	.000176	.2301535	.0018479	.0158205
%RSD	.3434487	.0679197	.3885074	4.688273	72.02260	.6707145	8.504073
#1	10.92317	31.42984	.1159656	-.003719	.3146354	.2746366	.2004289
#2	10.92272	31.47254	.1157172	-.003582	.5521324	.2742505	.1885763
#3	10.85810	31.45004	.1165924	-.003931	.0919043	.2776266	.1690960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.713376	1.868538	.0554718	-.000738	.2037626	.8126926	.0002336
Stddev	.022295	.009645	.0013572	.000256	.0069102	.0055673	.0005717
%RSD	.2558745	.5161861	2.446566	34.65450	3.391283	.6850399	244.7578
#1	8.702700	1.857465	.0570370	-.001030	.2111011	.8066977	.0003843
#2	8.739002	1.873040	.0547573	-.000625	.2028061	.8177001	.0007149
#3	8.698425	1.875109	.0546213	-.000558	.1973804	.8136801	-.000398

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-05DLX5 Acquired: 06/29/2024 17:49:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3944390	.1005832	.0753674
Stddev	.0018240	.0002829	.0003480
%RSD	.4624289	.2812209	.4617956
#1	.3965395	.1007868	.0753318
#2	.3935231	.1002602	.0757319
#3	.3932545	.1007025	.0750385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.120	30689.14	4194.358	999.9547	2673.523
Stddev	2.767	249.68	14.546	10.4435	5.569
%RSD	.1517877	.8135847	.3467999	1.044400	.2082881
#1	1822.094	30548.20	4207.609	992.3913	2674.916
#2	1826.254	30541.79	4178.794	995.6023	2678.263
#3	1821.012	30977.42	4196.670	1011.871	2667.390

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-06DLX2 Acquired: 06/29/2024 17:53:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1419500	-.003884	.1877888	-.036836	.0070709	44.79351	1.501879
Stddev	.0018948	.001447	.0010787	.000709	.0027988	.67041	.021221
%RSD	1.334849	37.26693	.5744106	1.923468	39.58256	1.496659	1.412936
#1	.1398092	-.005229	.1885640	-.036027	.0060464	44.17075	1.479371
#2	.1434116	-.002353	.1882454	-.037345	.0102376	45.50310	1.521521
#3	.1426292	-.004069	.1865569	-.037137	.0049286	44.70669	1.504746

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018545	.0051272	9.598863	.1194622	.0889763	.3384095	154.2022
Stddev	.0000925	.0001804	.152336	.0003808	.0005860	.0051319	2.4179
%RSD	4.989632	3.518591	1.587026	.3187535	.6586561	1.516471	1.568012
#1	.0017774	.0052973	9.434151	.1190376	.0887419	.3343779	151.7417
#2	.0019571	.0049380	9.734688	.1195752	.0885437	.3441864	156.5751
#3	.0018290	.0051465	9.627748	.1197736	.0896433	.3366642	154.2899

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.88487	25.35787	.1199433	-.004078	.4970645	.2389426	.4787958
Stddev	.24359	.43361	.0006125	.000198	.1323927	.0032734	.0039352
%RSD	1.533477	1.709945	.5106508	4.856512	26.63491	1.369958	.8218939
#1	15.63219	24.90574	.1196359	-.004218	.5523852	.2367538	.4797872
#2	16.11823	25.77021	.1195454	-.003851	.3459840	.2427057	.4821406
#3	15.90418	25.39766	.1206486	-.004164	.5928243	.2373683	.4744598

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.79050	2.747294	.0728855	.0003561	.3136298	1.944725	.0029682
Stddev	.14176	.004561	.0019638	.0004151	.0085423	.036380	.0016073
%RSD	1.108316	.1660262	2.694366	116.5502	2.723679	1.870698	54.15026
#1	12.64351	2.745385	.0708592	.0006278	.3221774	1.904818	.0029706
#2	12.92638	2.743997	.0747801	-.000122	.3050929	1.976039	.0013597
#3	12.80161	2.752500	.0730172	.000562	.3136191	1.953319	.0045744

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-06DLX2 Acquired: 06/29/2024 17:53:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9223020	.1123243	.0781572
Stddev	.0131376	.0030162	.0009442
%RSD	1.424430	2.685219	1.208091
#1	.9103587	.1119109	.0772659
#2	.9363739	.1095361	.0791466
#3	.9201734	.1155258	.0780590

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.339	30785.53	4227.581	995.5855	2675.445
Stddev	3.894	181.29	41.396	9.3135	4.001
%RSD	.2136899	.5888758	.9791871	.9354759	.1495621
#1	1823.475	30592.93	4275.155	987.1960	2671.157
#2	1825.538	30952.85	4199.771	1005.607	2679.079
#3	1818.003	30810.81	4207.818	993.953	2676.098

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-07DLX5 Acquired: 06/29/2024 17:58:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164859	.0009288	.1143577	-.030588	.0040974	35.65443	1.312363
Stddev	.0035584	.0028154	.0009244	.002564	.0019227	.20128	.005219
%RSD	3.054766	303.1180	.8083219	8.383399	46.92389	.5645356	.3976929
#1	.1131630	-.002320	.1136272	-.033323	.0019535	35.73379	1.315549
#2	.1160544	.002461	.1153969	-.028238	.0046701	35.80393	1.315200
#3	.1202404	.002646	.1140488	-.030204	.0056687	35.42556	1.306340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012111	.0036702	8.779915	.0989001	.0799244	.2161695	121.6015
Stddev	.0001557	.0000925	.048361	.0014597	.0004091	.0013045	.7032
%RSD	12.85721	2.519531	.5508152	1.475951	.5118947	.6034554	.5783013
#1	.0011460	.0036594	8.814392	.0999843	.0794994	.2163325	121.6411
#2	.0013888	.0035836	8.800720	.0994757	.0799585	.2173848	122.2841
#3	.0010985	.0037676	8.724633	.0972403	.0803155	.2147912	120.8793

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.39855	21.59468	.1021387	-.003136	.5534929	.2122144	.3262739
Stddev	.09507	.01887	.0007002	.000474	.2042917	.0027866	.0074355
%RSD	.5167476	.0873724	.6855740	15.10846	36.90955	1.313097	2.278915
#1	18.41506	21.58679	.1015504	-.002649	.7336948	.2130279	.3326104
#2	18.48429	21.61621	.1019526	-.003165	.5952275	.2145036	.3180883
#3	18.29630	21.58104	.1029132	-.003595	.3315566	.2091115	.3281230

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60859	2.831015	.0574349	.0003224	.2839984	.7929533	.0014101
Stddev	.07837	.004702	.0013840	.0001294	.0088547	.0017346	.0010914
%RSD	.7387823	.1660805	2.409699	40.14702	3.117864	.2187495	77.39590
#1	10.69828	2.828621	.0559534	.0004299	.2774434	.7929335	.0002940
#2	10.55329	2.827991	.0586947	.0001787	.2804804	.7946977	.0024748
#3	10.57420	2.836432	.0576566	.0003586	.2940714	.7912287	.0014615

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-07DLX5 Acquired: 06/29/2024 17:58:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5383871	.0885255	.0951314
Stddev	.0035833	.0006780	.0002606
%RSD	.6655657	.7659303	.2739332
#1	.5342695	.0877431	.0953332
#2	.5407983	.0889420	.0952238
#3	.5400935	.0888914	.0948372

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.826	30814.19	4225.188	1006.260	2696.352
Stddev	2.496	61.25	25.716	4.608	1.783
%RSD	.1364284	.1987794	.6086411	.4579290	.0661412
#1	1829.251	30817.21	4205.657	1001.139	2698.217
#2	1827.667	30751.48	4215.582	1007.569	2694.663
#3	1832.560	30873.87	4254.324	1010.072	2696.175

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-08DLX5 Acquired: 06/29/2024 18:02:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1395994	.0003164	.1527649	-.026556	.0039489	41.40623	1.455755
Stddev	.0031988	.0028765	.0011918	.001288	.0017645	.33455	.010400
%RSD	2.291396	909.0651	.7801664	4.848415	44.68299	.8079719	.7144186
#1	.1365402	-.002858	.1541128	-.028039	.0059806	41.74878	1.467459
#2	.1429215	.002751	.1518506	-.025897	.0030646	41.08029	1.447574
#3	.1393365	.001056	.1523313	-.025731	.0028014	41.38961	1.452231

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014756	.0046548	6.645841	.1055825	.0957657	.3046885	125.6722
Stddev	.0000572	.0000498	.033540	.0003467	.0003283	.0020641	.9800
%RSD	3.874157	1.070143	.5046757	.3284011	.3427917	.6774371	.7798381
#1	.0014165	.0046630	6.684033	.1052164	.0959374	.3057868	126.6874
#2	.0014796	.0046014	6.632310	.1059060	.0953872	.3023075	124.7316
#3	.0015306	.0047000	6.621181	.1056251	.0959726	.3059712	125.5976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.88458	24.01813	.1236737	-.003669	.3955085	.2290033	.3490794
Stddev	.10665	.11296	.0004297	.000191	.1808794	.0039350	.0048693
%RSD	.5647314	.4703206	.3474243	5.195082	45.73336	1.718301	1.394906
#1	18.98665	24.09380	.1238215	-.003720	.6043428	.2283505	.3474401
#2	18.77388	23.88829	.1231896	-.003458	.2881696	.2254356	.3545568
#3	18.89322	24.07232	.1240099	-.003829	.2940132	.2332239	.3452412

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.708331	1.949331	.0578343	.0004526	.1500067	.8574657	.0002049
Stddev	.100315	.002316	.0005258	.0000842	.0123082	.0050390	.0012139
%RSD	1.151938	.1188217	.9091309	18.60036	8.205126	.5876575	592.4996
#1	8.822237	1.946658	.0581263	.0005382	.1380516	.8612520	.0016066
#2	8.669597	1.950595	.0572273	.0004496	.1626400	.8517464	-.000502
#3	8.633158	1.950740	.0581492	.0003699	.1493285	.8593986	-.000490

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-08DLX5 Acquired: 06/29/2024 18:02:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5735543	.1137331	.0805278
Stddev	.0081775	.0024019	.0009832
%RSD	1.425757	2.111856	1.220942
#1	.5822500	.1138835	.0816168
#2	.5660190	.1160563	.0797053
#3	.5723937	.1112596	.0802615

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.296	30908.82	4222.576	1005.704	2690.883
Stddev	5.423	77.58	14.499	1.172	6.408
%RSD	.2951360	.2510054	.3433637	.1165816	.2381218
#1	1842.022	30973.14	4206.301	1007.049	2696.496
#2	1838.492	30930.66	4227.315	1005.161	2692.252
#3	1831.376	30822.66	4234.113	1004.901	2683.902

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-09DLX5 Acquired: 06/29/2024 18:06:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1230319	-.000100	.0975049	-.027069	.0035391	30.36167	1.131710
Stddev	.0034588	.002685	.0027078	.000827	.0005201	.12139	.006067
%RSD	2.811317	2689.636	2.777037	3.053975	14.69506	.3998008	.5360550
#1	.1254847	-.001200	.0970346	-.027646	.0040669	30.43391	1.137966
#2	.1245352	.002960	.0950630	-.026122	.0030271	30.42959	1.131310
#3	.1190758	-.002059	.1004169	-.027440	.0035234	30.22153	1.125852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010049	.0022145	5.717070	.0757873	.0690716	.2060570	103.7334
Stddev	.0000494	.0001507	.012466	.0002401	.0003024	.0008067	.2515
%RSD	4.912753	6.806295	.2180502	.3167616	.4377980	.3914861	.2424475
#1	.0009750	.0020779	5.722570	.0759631	.0687253	.2051933	103.9775
#2	.0009778	.0021894	5.725839	.0758850	.0692832	.2061870	103.4751
#3	.0010619	.0023762	5.702799	.0755138	.0692064	.2067909	103.7476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44838	18.31603	.0813806	-.002859	.3855253	.1784813	.2294780
Stddev	.05192	.05335	.0001776	.000193	.1152461	.0026476	.0062536
%RSD	.3593560	.2912807	.2182424	6.755328	29.89325	1.483412	2.725144
#1	14.50814	18.35825	.0812302	-.002698	.5185556	.1758308	.2365772
#2	14.41429	18.25607	.0815766	-.003073	.3219880	.1784872	.2247846
#3	14.42273	18.33378	.0813351	-.002805	.3160324	.1811260	.2270722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.253142	1.429671	.0492688	.0005580	.1057922	.9350656	-.000171
Stddev	.094376	.008057	.0029772	.0002229	.0109744	.0059982	.000587
%RSD	1.796565	.5635537	6.042776	39.95613	10.37356	.6414738	343.4099
#1	5.312978	1.426692	.0500296	.0008119	.1120448	.9361562	.000017
#2	5.302101	1.438793	.0459851	.0003945	.1122114	.9285970	-.000829
#3	5.144347	1.423528	.0517918	.0004675	.0931204	.9404437	.000299

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-09DLX5 Acquired: 06/29/2024 18:06:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4918755	.0889332	.0755089
Stddev	.0008422	.0013306	.0001148
%RSD	.1712170	1.496169	.1519675
#1	.4920628	.0873971	.0754166
#2	.4909555	.0897294	.0756374
#3	.4926083	.0896731	.0754729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1825.592	30781.00	4184.874	1002.219	2725.006
Stddev	3.232	65.58	10.589	2.325	4.089
%RSD	.1770198	.2130603	.2530230	.2320298	.1500470
#1	1829.133	30856.04	4178.882	1001.244	2729.683
#2	1824.838	30734.67	4197.100	1000.540	2723.226
#3	1822.803	30752.29	4178.640	1004.873	2722.109

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-10DLX2 Acquired: 06/29/2024 18:11:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2226664	-.004022	.1611870	-.059518	.0106251	73.72652	1.568734
Stddev	.0079492	.001887	.0018764	.007829	.0023374	.18951	.001869
%RSD	3.570015	46.91752	1.164137	13.15455	21.99870	.2570428	.1191397
#1	.2264287	-.001849	.1590342	-.055784	.0081190	73.89075	1.567835
#2	.2280360	-.005243	.1624758	-.068516	.0127458	73.76964	1.570883
#3	.2135344	-.004975	.1620510	-.054256	.0110106	73.51917	1.567484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026060	.0059677	15.12933	.2153151	.1574278	.3921876	237.0837
Stddev	.0000753	.0002737	.04748	.0012995	.0011413	.0026811	.6406
%RSD	2.889196	4.586076	.3138124	.6035273	.7249849	.6836166	.2701854
#1	.0026897	.0056650	15.16637	.2166712	.1564439	.3949382	237.6772
#2	.0025845	.0060402	15.14580	.2151934	.1571605	.3895820	237.1693
#3	.0025438	.0061978	15.07581	.2140808	.1586791	.3920427	236.4047

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.19618	45.79540	.2082315	-.006711	.6640667	.4526711	.5061430
Stddev	.06553	.18395	.0001551	.000505	.0672462	.0039618	.0027869
%RSD	.2825037	.4016811	.0744906	7.524354	10.12642	.8752087	.5506064
#1	23.24665	45.99085	.2080645	-.007220	.7211093	.4524849	.5044264
#2	23.21976	45.76971	.2083712	-.006704	.5899202	.4488056	.5046442
#3	23.12212	45.62564	.2082588	-.006210	.6811706	.4567227	.5093586

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.15571	4.035120	.1133868	.0005082	.3387664	2.134679	.0003166
Stddev	.11692	.013119	.0003152	.0002170	.0106509	.017258	.0021472
%RSD	.6439802	.3251276	.2779963	42.69845	3.144026	.8084645	678.2252
#1	18.17104	4.020217	.1136309	.0005643	.3407490	2.146114	-.002009
#2	18.26420	4.044922	.1134985	.0002687	.3482867	2.143096	.000736
#3	18.03187	4.040222	.1130309	.0006917	.3272635	2.114828	.002223

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-10DLX2 Acquired: 06/29/2024 18:11:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.204726	.1695008	.1625220
Stddev	.002231	.0020602	.0007014
%RSD	.1852130	1.215478	.4315699
#1	1.206504	.1718432	.1632448
#2	1.205452	.1679698	.1624768
#3	1.202222	.1686893	.1618442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.401	31030.24	4281.789	999.6813	2597.633
Stddev	4.583	57.96	9.673	5.0304	4.130
%RSD	.2493041	.1867799	.2259186	.5032036	.1589869
#1	1837.703	31088.95	4273.799	1003.872	2598.671
#2	1843.293	31028.71	4279.024	1001.069	2601.145
#3	1834.206	30973.06	4292.544	994.103	2593.083

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-11DLX2 Acquired: 06/29/2024 18:15:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1407980	.0004649	.1534615	-.027749	.0051692	43.45757	1.828990
Stddev	.0040930	.0014381	.0009305	.005097	.0008307	.11325	.003056
%RSD	2.907016	309.3291	.6063247	18.36932	16.07039	.2606026	.1670626
#1	.1367918	-.001024	.1526600	-.033566	.0054769	43.36413	1.829337
#2	.1449726	.001847	.1544819	-.025619	.0042285	43.58352	1.831857
#3	.1406295	.000571	.1532425	-.024062	.0058021	43.42507	1.825776

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017918	.0050126	8.865294	.1210737	.1152327	.2801896	142.0352
Stddev	.0001044	.0001293	.035920	.0004845	.0002380	.0016603	.5032
%RSD	5.828540	2.580212	.4051787	.4001918	.2065028	.5925747	.3542870
#1	.0016712	.0049822	8.840259	.1216151	.1155028	.2805171	141.4720
#2	.0018529	.0049010	8.906450	.1206808	.1151418	.2783899	142.1930
#3	.0018512	.0051543	8.849172	.1209251	.1150537	.2816618	142.4406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.85843	26.41968	.1379440	-.003902	.2379439	.2616848	.4005476
Stddev	.04364	.16763	.0008806	.000159	.0971749	.0014861	.0117423
%RSD	.2092434	.6345014	.6383364	4.076640	40.83943	.5678855	2.931566
#1	20.80830	26.22612	.1389006	-.004072	.2736686	.2614202	.3882360
#2	20.88799	26.51512	.1371673	-.003757	.3121998	.2632854	.4017839
#3	20.87900	26.51780	.1377642	-.003877	.1279632	.2603488	.4116228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.84362	3.311914	.0680877	-.000709	.2284743	1.591451	.0024383
Stddev	.05438	.007345	.0004619	.000110	.0051111	.006932	.0007797
%RSD	.4234386	.2217657	.6784443	15.48228	2.237058	.4355661	31.97726
#1	12.78602	3.306139	.0675798	-.000747	.2236545	1.596409	.0018879
#2	12.89409	3.309423	.0684828	-.000794	.2279346	1.594414	.0020965
#3	12.85077	3.320180	.0682004	-.000585	.2338339	1.583530	.0033305

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-11DLX2 Acquired: 06/29/2024 18:15:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7590881	.1224497	.1111405
Stddev	.0030735	.0036833	.0005288
%RSD	.4048955	3.007981	.4757826
#1	.7585317	.1266972	.1105552
#2	.7624018	.1201386	.1112825
#3	.7563308	.1205132	.1115838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.808	30857.08	4249.300	1004.260	2664.935
Stddev	2.391	190.84	12.718	2.995	3.174
%RSD	.1310995	.6184657	.2992850	.2982275	.1190973
#1	1821.859	31077.44	4263.621	1006.547	2662.221
#2	1826.476	30745.71	4244.955	1005.363	2664.159
#3	1823.088	30748.09	4239.325	1000.870	2668.425

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-12DLX5 Acquired: 06/29/2024 18:20:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771167	.0003199	.0727225	-.019114	.0014397	24.22478	2.394828
Stddev	.0019103	.0022199	.0014001	.002168	.0023916	.25955	.014159
%RSD	2.477125	693.8609	1.925226	11.34112	166.1215	1.071436	.5912283
#1	.0761903	.0011087	.0720705	-.019872	.0034059	24.00361	2.380539
#2	.0793135	-.002187	.0717673	-.016669	.0021360	24.16020	2.395092
#3	.0758463	.002038	.0743296	-.020801	-.001223	24.51052	2.408853

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008620	.0021483	5.036697	.0659652	.0541915	.1492404	77.29277
Stddev	.0000777	.0000251	.042882	.0005662	.0004480	.0018742	.76648
%RSD	9.011206	1.170404	.8513834	.8583109	.8266490	1.255845	.9916638
#1	.0007729	.0021769	5.004605	.0655610	.0536867	.1509025	76.59088
#2	.0009156	.0021298	5.020088	.0657222	.0545418	.1472090	77.17679
#3	.0008976	.0021382	5.085399	.0666123	.0543461	.1496097	78.11063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.28007	14.84510	.0709883	-.002075	-.045977	.1445507	.1711831
Stddev	.10872	.13754	.0002615	.000263	.183992	.0036757	.0066725
%RSD	.7613602	.9264954	.3683502	12.66799	400.1798	2.542841	3.897878
#1	14.17741	14.78717	.0709182	-.002046	-.189690	.1406856	.1641447
#2	14.26883	14.74600	.0707691	-.002351	.161389	.1480020	.1719878
#3	14.39398	15.00213	.0712777	-.001827	-.109631	.1449646	.1774167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.892512	1.222174	.0359324	-.000433	.1118417	.6415020	-.000850
Stddev	.028590	.003318	.0015692	.000771	.0037076	.0045909	.000309
%RSD	.4851985	.2715039	4.366959	178.1535	3.315008	.7156439	36.37537
#1	5.863444	1.218357	.0352942	-.000001	.1117653	.6448272	-.000998
#2	5.893491	1.224375	.0377201	-.001324	.1155869	.6362640	-.001058
#3	5.920600	1.223789	.0347829	.000026	.1081729	.6434148	-.000495

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-12DLX5 Acquired: 06/29/2024 18:20:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3485069	.0615696	.0656060
Stddev	.0046369	.0028087	.0008485
%RSD	1.330503	4.561896	1.293332
#1	.3440592	.0648092	.0647729
#2	.3481491	.0600842	.0655759
#3	.3533122	.0598155	.0664692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.220	30790.73	4191.729	1001.987	2731.164
Stddev	.816	174.36	27.750	7.131	2.886
%RSD	.0447289	.5662812	.6620235	.7116875	.1056783
#1	1825.119	30991.45	4191.240	1010.197	2734.248
#2	1824.016	30676.70	4219.721	998.432	2730.714
#3	1823.526	30704.05	4164.226	997.332	2728.528

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-13DLX10 Acquired: 06/29/2024 18:24:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0821459	.0044226	.0398991	-.017809	.0011110	21.33914	.6513439
Stddev	.0026209	.0016863	.0019484	.001393	.0016973	.17579	.0026702
%RSD	3.190501	38.12903	4.883216	7.821153	152.7636	.8237956	.4099569
#1	.0810364	.0025128	.0420249	-.019347	.0027950	21.22120	.6497913
#2	.0851391	.0050484	.0381983	-.016631	-.000599	21.25503	.6498132
#3	.0802624	.0057065	.0394742	-.017450	.001137	21.54118	.6544272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004293	.0016341	3.971630	.0574006	.0416327	.1221873	67.36625
Stddev	.0000786	.0000942	.021753	.0006552	.0001985	.0070875	.49936
%RSD	18.31412	5.767300	.5477181	1.141448	.4767467	5.800560	.7412683
#1	.0004070	.0016166	3.976251	.0581531	.0415721	.1246271	67.04128
#2	.0003643	.0015499	3.947937	.0570920	.0414716	.1142021	67.11621
#3	.0005167	.0017359	3.990701	.0569567	.0418545	.1277326	67.94124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.66485	13.53048	.0588914	-.001360	.3237641	.1342821	.1566620
Stddev	.10104	.10367	.0001101	.000414	.0636376	.0017449	.0120940
%RSD	.6450179	.7662270	.1869916	30.40183	19.65553	1.299459	7.719817
#1	15.59648	13.48149	.0587645	-.001352	.3954534	.1362585	.1431553
#2	15.61716	13.46037	.0589615	-.000951	.2739473	.1329546	.1664882
#3	15.78091	13.64957	.0589483	-.001778	.3018917	.1336332	.1603425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.932879	1.304379	.0306411	.0001838	.2550342	.4125710	.0010871
Stddev	.130588	.007549	.0002789	.0004638	.0078245	.0040139	.0003561
%RSD	2.201096	.5787349	.9102155	252.3514	3.068024	.9728892	32.76053
#1	5.955758	1.307043	.0307241	.0000246	.2466580	.4162471	.0011229
#2	5.792363	1.295860	.0308691	-.000179	.2621553	.4082884	.0014240
#3	6.050516	1.310235	.0303302	.000706	.2562892	.4131773	.0007144

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2824-13DLX10 Acquired: 06/29/2024 18:24:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5N9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2410380	.0613664	.1076763
Stddev	.0005909	.0029217	.0008695
%RSD	.2451604	4.761112	.8074734
#1	.2404406	.0644854	.1069914
#2	.2410513	.0586932	.1073831
#3	.2416222	.0609205	.1086545

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.723	30796.13	4179.795	1003.762	2749.714
Stddev	2.579	141.71	16.756	6.213	3.333
%RSD	.1413381	.4601497	.4008724	.6189781	.1212013
#1	1827.113	30798.99	4176.685	1000.424	2748.767
#2	1825.067	30653.01	4197.888	999.930	2753.418
#3	1821.990	30936.38	4164.812	1010.930	2746.957

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-20DLX2 Acquired: 06/29/2024 18:29:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1953565	.0026969	.1150588	-.037594	.0038167	75.92055	3.183445
Stddev	.0089264	.0038612	.0024404	.006868	.0015144	.11963	.007106
%RSD	4.569273	143.1740	2.121001	18.26780	39.67946	.1575673	.2232097
#1	.2006385	.0025140	.1127511	-.035376	.0049134	76.03157	3.191235
#2	.1850503	-.001070	.1148122	-.045297	.0044479	75.79386	3.177318
#3	.2003808	.006646	.1176131	-.032110	.0020887	75.93624	3.181783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020574	.0042918	34.69018	.1864870	.1445751	.2575024	150.6523
Stddev	.0000523	.0000822	.10142	.0002043	.0010705	.0039957	.5979
%RSD	2.543954	1.914971	.2923680	.1095244	.7404573	1.551701	.3968466
#1	.0021125	.0042225	34.78801	.1862767	.1452104	.2565658	150.8458
#2	.0020083	.0043826	34.58551	.1864998	.1433392	.2540582	149.9816
#3	.0020514	.0042702	34.69701	.1866846	.1451759	.2618832	151.1294

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.43556	54.18337	.2466518	-.004128	1.008818	.3400989	.3971095
Stddev	.07683	.20445	.0005650	.000475	.094221	.0037510	.0024754
%RSD	.3144150	.3773254	.2290799	11.51262	9.339735	1.102922	.6233587
#1	24.51745	54.30910	.2471292	-.004306	1.086112	.3373055	.3954168
#2	24.36506	54.29355	.2460280	-.004489	.903863	.3386288	.3959612
#3	24.42416	53.94747	.2467983	-.003589	1.036481	.3443623	.3999506

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.29595	4.727737	.0752788	-.001023	.4324845	1.737247	.0007628
Stddev	.12839	.016770	.0020876	.000171	.0014502	.006070	.0005313
%RSD	1.247008	.3547135	2.773144	16.72364	.3353169	.3493863	69.64151
#1	10.40352	4.742427	.0735502	-.001079	.4338983	1.730254	.0013189
#2	10.15382	4.709466	.0746883	-.000831	.4325548	1.740342	.0002605
#3	10.33051	4.731318	.0775981	-.001160	.4310005	1.741145	.0007091

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-20DLX2 Acquired: 06/29/2024 18:29:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5P6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6848291	.2071794	.3811647
Stddev	.0012756	.0026727	.0009510
%RSD	.1862709	1.290034	.2494985
#1	.6854410	.2058119	.3817658
#2	.6856835	.2054673	.3800683
#3	.6833628	.2102592	.3816600

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.510	32407.50	4491.409	1054.273	2567.992
Stddev	2.667	43.38	1.778	1.077	3.671
%RSD	.1387883	.1338475	.0395878	.1021321	.1429568
#1	1924.241	32359.96	4490.984	1054.192	2568.859
#2	1921.376	32417.59	4493.361	1055.388	2571.152
#3	1918.912	32444.94	4489.881	1053.238	2563.965

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-01DLX5 Acquired: 06/29/2024 18:33:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1320456	-.002460	.0956755	-.032499	.0013495	38.88033	.8205541
Stddev	.0049654	.001384	.0022354	.006305	.0023964	.14303	.0007300
%RSD	3.760404	56.27978	2.336423	19.39890	177.5751	.3678709	.0889684
#1	.1329347	-.003816	.0953757	-.029157	.0028065	38.71572	.8197735
#2	.1365065	-.002513	.0980456	-.028570	.0026584	38.97426	.8212200
#3	.1266957	-.001049	.0936051	-.039771	-.001416	38.95101	.8206687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011699	.0023501	9.767044	.1360218	.0810000	.1731993	118.9558
Stddev	.0001646	.0000364	.006816	.0009700	.0003885	.0020764	.0717
%RSD	14.06819	1.549071	.0697872	.7131020	.4796830	1.198875	.0602620
#1	.0009855	.0023128	9.774482	.1358853	.0810928	.1753496	118.9380
#2	.0012223	.0023520	9.761097	.1370528	.0805734	.1730425	119.0347
#3	.0013019	.0023855	9.765552	.1351273	.0813337	.1712056	118.8947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21978	25.12807	.1054626	-.003806	.3765555	.2422712	.2653053
Stddev	.03079	.11179	.0003558	.000483	.1259853	.0069926	.0079732
%RSD	.2023122	.4448677	.3373436	12.68994	33.45730	2.886259	3.005303
#1	15.19934	25.09624	.1057052	-.003295	.5182250	.2391249	.2568976
#2	15.20481	25.03565	.1050542	-.004255	.3343495	.2502842	.2727580
#3	15.25520	25.25232	.1056284	-.003870	.2770919	.2374045	.2662604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.739154	2.037955	.0587049	-.000464	.3170232	1.085116	.0000972
Stddev	.053989	.002372	.0004416	.000679	.0008814	.011853	.0021852
%RSD	.6177773	.1163836	.7521589	146.2014	.2780216	1.092352	2249.116
#1	8.725130	2.035756	.0589513	.000027	.3177753	1.082150	.0020855
#2	8.693561	2.037642	.0589683	-.001239	.3160533	1.075028	-.002242
#3	8.798771	2.040468	.0581952	-.000181	.3172410	1.098171	.000448

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-01DLX5 Acquired: 06/29/2024 18:33:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5042684	.0986033	.1002394
Stddev	.0016822	.0007454	.0004157
%RSD	.3336024	.7559435	.4146699
#1	.5023804	.0981215	.0998091
#2	.5056081	.0994618	.1002705
#3	.5048167	.0982265	.1006387

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.815	31038.70	4215.847	1012.099	2689.208
Stddev	3.080	267.79	25.021	5.044	1.256
%RSD	.1689607	.8627613	.5934992	.4984093	.0467097
#1	1819.531	31187.88	4228.993	1015.859	2688.228
#2	1823.276	30729.54	4231.556	1006.366	2688.772
#3	1825.638	31198.67	4186.994	1014.070	2690.624

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-02DLX5 Acquired: 06/29/2024 18:38:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1423365	.0008484	.0855212	-.033335	.0042463	44.36193	.9436015
Stddev	.0026951	.0033649	.0011582	.003884	.0013869	.04109	.0016577
%RSD	1.893442	396.6053	1.354254	11.65145	32.66121	.0926209	.1756786
#1	.1454000	.0034564	.0854902	-.036455	.0053451	44.32352	.9450758
#2	.1412786	.0020387	.0843788	-.028985	.0026880	44.35701	.9439215
#3	.1403310	-.002950	.0866945	-.034564	.0047057	44.40525	.9418071

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010425	.0026800	11.27370	.1419760	.0917498	.2009522	131.2644
Stddev	.0000442	.0001994	.01437	.0001412	.0003824	.0034228	.3935
%RSD	4.242086	7.439783	.1274407	.0994709	.4167569	1.703309	.2998137
#1	.0009934	.0028682	11.28731	.1421095	.0920044	.1970051	130.9107
#2	.0010792	.0027008	11.27511	.1419905	.0919350	.2031020	131.6883
#3	.0010548	.0024711	11.25868	.1418281	.0913101	.2027496	131.1942

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.44982	29.13532	.1203465	-.003735	.3739383	.2622955	.2982192
Stddev	.04425	.07332	.0003573	.000432	.1996285	.0061776	.0052360
%RSD	.2535986	.2516400	.2969185	11.57981	53.38541	2.355193	1.755764
#1	17.42978	29.20087	.1199801	-.004234	.5940758	.2599082	.2954928
#2	17.50055	29.05615	.1203654	-.003492	.3230821	.2576679	.3042558
#3	17.41913	29.14894	.1206941	-.003478	.2046570	.2693105	.2949089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17402	2.296848	.0627373	.0002283	.3876142	1.114651	.0013945
Stddev	.14321	.004691	.0010693	.0006576	.0014524	.005207	.0005316
%RSD	1.407590	.2042217	1.704463	288.0682	.3747107	.4671776	38.11939
#1	10.02193	2.295594	.0639690	.0007951	.3876581	1.112651	.0009436
#2	10.19385	2.302038	.0620461	-.000493	.3890442	1.120561	.0012592
#3	10.30628	2.292912	.0621968	.000382	.3861404	1.110739	.0019806

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-02DLX5 Acquired: 06/29/2024 18:38:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5038061	.1149627	.1268934
Stddev	.0004025	.0021228	.0005153
%RSD	.0798924	1.846547	.4061239
#1	.5038628	.1171227	.1274686
#2	.5033782	.1128791	.1264738
#3	.5041771	.1148864	.1267378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.501	30717.81	4198.298	1003.588	2673.456
Stddev	2.828	116.34	5.919	2.775	1.520
%RSD	.1547715	.3787218	.1409746	.2765365	.0568501
#1	1825.790	30644.92	4193.439	1000.384	2675.203
#2	1830.766	30851.98	4196.566	1005.242	2672.717
#3	1825.947	30656.55	4204.889	1005.138	2672.446

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-01LDLX25 Acquired: 06/29/2024 18:42:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315673	-.000181	.0208067	-.010171	-.001354	8.611419	.1841518
Stddev	.0025235	.002545	.0008147	.000737	.001151	.201328	.0033925
%RSD	7.994010	1408.716	3.915492	7.250331	85.00729	2.337918	1.842253
#1	.0328657	.000141	.0212288	-.009847	-.002646	8.613602	.1846207
#2	.0331772	-.002871	.0198676	-.011015	-.000976	8.811647	.1872855
#3	.0286590	.002188	.0213238	-.009651	-.000439	8.409009	.1805492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002949	.0003463	2.201588	.0306128	.0175521	.0394204	26.91594
Stddev	.0000602	.0000155	.036656	.0007842	.0003981	.0015409	.57057
%RSD	20.40523	4.475230	1.664984	2.561652	2.268122	3.908813	2.119841
#1	.0002987	.0003289	2.226334	.0301379	.0174091	.0411926	27.02804
#2	.0002330	.0003513	2.218954	.0315179	.0180019	.0386713	27.42214
#3	.0003531	.0003586	2.159477	.0301825	.0172452	.0383973	26.29763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.466358	5.618305	.0228412	-.001245	-.014193	.0569495	.0537842
Stddev	.059865	.182390	.0007249	.000615	.152378	.0028878	.0048028
%RSD	1.727016	3.246353	3.173648	49.36970	1073.598	5.070766	8.929728
#1	3.487288	5.646691	.0236618	-.001381	-.102152	.0601981	.0584610
#2	3.512947	5.784837	.0222881	-.001779	-.102186	.0559765	.0540269
#3	3.398838	5.423386	.0225736	-.000573	.161758	.0546738	.0488646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.781920	.4411357	.0122836	-.000327	.0741996	.2388734	.0005799
Stddev	.080895	.0053415	.0007423	.000156	.0063578	.0078778	.0007945
%RSD	4.539754	1.210849	6.043295	47.75082	8.568450	3.297881	137.0226
#1	1.828587	.4403690	.0115907	-.000161	.0779195	.2428709	.0000891
#2	1.828662	.4362190	.0121931	-.000348	.0778208	.2439510	.0014966
#3	1.688511	.4468192	.0130671	-.000471	.0668585	.2297984	.0001539

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-01LDLX25 Acquired: 06/29/2024 18:42:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1119181	.0324754	.0221045
Stddev	.0023212	.0028403	.0006885
%RSD	2.074023	8.746081	3.114689
#1	.1115254	.0351396	.0221294
#2	.1144106	.0294868	.0227802
#3	.1098182	.0327997	.0214039

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.645	30675.65	4184.373	1000.028	2811.524
Stddev	2.385	170.34	82.256	9.254	4.969
%RSD	.1309737	.5553048	1.965779	.9253506	.1767433
#1	1819.752	30607.58	4143.495	1000.334	2817.233
#2	1818.836	30869.51	4130.565	1009.125	2808.172
#3	1823.347	30549.88	4279.060	990.625	2809.166

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV097 Acquired: 06/29/2024 18:46:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV097 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986712	4.787892	24.51975	4.813567	5.028003	408.4003	10.34797
Stddev	.016143	.017506	.08969	.019870	.017268	2.5106	.03498
%RSD	.3237115	.3656387	.3657708	.4127937	.3434304	.6147498	.3380437
#1	4.969469	4.776364	24.45084	4.796552	5.014231	406.2027	10.32590
#2	5.001465	4.779276	24.48725	4.808743	5.022402	411.1365	10.38830
#3	4.989203	4.808037	24.62115	4.835405	5.047376	407.8616	10.32970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5108835	2.554562	401.7062	15.34843	2.487569	14.75980	383.4327
Stddev	.0029717	.008053	1.2388	.05294	.011419	.08356	1.1587
%RSD	.5816873	.3152406	.3083863	.3449218	.4590260	.5661438	.3021997
#1	.5074604	2.547391	400.6868	15.40476	2.476635	14.68764	382.2615
#2	.5123872	2.553022	403.0850	15.34084	2.486654	14.85136	384.5786
#3	.5128029	2.563274	401.3469	15.29970	2.499417	14.74040	383.4580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.09922	381.9749	2.466053	1.309657	406.1790	2.404759	14.45890
Stddev	.04062	1.3274	.008874	.005058	1.2251	.009665	.02853
%RSD	.2880819	.3474990	.3598635	.3862350	.3016219	.4019067	.1973200
#1	14.06143	380.9737	2.459980	1.315342	405.1194	2.396319	14.48618
#2	14.14217	383.4805	2.461941	1.305655	407.5205	2.415302	14.46127
#3	14.09407	381.4705	2.476237	1.307973	405.8971	2.402654	14.42926

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	157.3185	5.059411	4.959193	4.863176	5.030130	5.151566	5.066408
Stddev	1.2204	.020007	.003847	.019570	.017990	.026611	.013998
%RSD	.7757695	.3954332	.0775808	.4024119	.3576422	.5165574	.2762911
#1	156.3011	5.043046	4.961935	4.850609	5.013451	5.122471	5.054209
#2	158.6716	5.053473	4.960848	4.853195	5.027747	5.157555	5.063324
#3	156.9827	5.081715	4.954795	4.885724	5.049193	5.174671	5.081691

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV097 Acquired: 06/29/2024 18:46:58 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV097 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.905518	5.149758	4.926487
Stddev	.037031	.014787	.065689
%RSD	.7548791	.2871436	1.333384
#1	4.868426	5.160211	4.959341
#2	4.942487	5.156224	4.850853
#3	4.905640	5.132839	4.969268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1467.462	25979.36	3853.985	806.7272	2060.623
Stddev	3.977	154.80	14.975	4.8668	5.069
%RSD	.2709863	.5958651	.3885582	.6032710	.2460125
#1	1470.107	25809.91	3859.026	803.1437	2065.619
#2	1469.391	26113.37	3865.790	812.2678	2060.767
#3	1462.889	26014.81	3837.141	804.7700	2055.484

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB097 Acquired: 06/29/2024 18:51:19 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCB097 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030855	.0019832	-.000178	-.001109	-.002354	-.000683	.0012184
Stddev	.0010823	.0021274	.000190	.002074	.001925	.010977	.0005868
%RSD	35.07656	107.2705	106.3844	187.0028	81.78163	1607.591	48.16463
#1	.0026738	.0042805	-.000137	-.002718	-.002268	.011759	.0011706
#2	.0043132	.0000811	-.000385	-.001840	-.004320	-.004807	.0006569
#3	.0022694	.0015880	-.000013	.001231	-.000473	-.009001	.0018276

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000117	.0000602	.0338680	.0005561	.0001979	.0040608	.0182101
Stddev	.0000534	.0000441	.0045082	.0001879	.0002146	.0027714	.0123429
%RSD	457.1514	73.19181	13.31109	33.79381	108.4258	68.24659	67.78034
#1	-.000016	.0000116	.0309632	.0004876	-.000050	.0059046	.0124269
#2	-.000022	.0000976	.0315795	.0004121	.000318	.0008738	.0098206
#3	.000073	.0000713	.0390615	.0007687	.000326	.0054040	.0323827

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005757	.0080429	-.000448	-.000498	-.149413	.0018073	.0069950
Stddev	.0002520	.0597338	.000483	.000289	.138845	.0016797	.0032736
%RSD	43.77171	742.6934	107.8150	58.03212	92.92655	92.93919	46.79852
#1	.0006541	-.056218	-.000981	-.000749	.007824	-.000084	.0103797
#2	.0002939	.061876	-.000038	-.000562	-.200917	.002380	.0067601
#3	.0007792	.018471	-.000325	-.000182	-.255147	.003126	.0038452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621489	-.000644	.0096425	.0007732	.0019270	.0017923	.0002674
Stddev	.0241605	.001385	.0003677	.0002330	.0058333	.0005137	.0011397
%RSD	14.90020	215.1016	3.813343	30.13626	302.7141	28.66353	426.1701
#1	.1565484	.000214	.0099358	.0010288	.0054048	.0019349	.0015548
#2	.1412805	-.002242	.0097616	.0005727	-.004808	.0022197	-.000140
#3	.1886179	.000096	.0092300	.0007181	.005184	.0012224	-.000613

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB097 Acquired: 06/29/2024 18:51:19 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCB097 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000785	.0134052	.0000858
Stddev	.0007032	.0016353	.0000885
%RSD	895.3197	12.19879	103.1259
#1	.0001263	.0116307	.0000610
#2	-.000647	.0137335	.0000124
#3	.000757	.0148514	.0001840

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1813.211	30746.58	4101.990	1001.051	2867.515
Stddev	2.215	133.17	5.696	1.982	4.280
%RSD	.1221441	.4331342	.1388609	.1979574	.1492427
#1	1810.656	30592.86	4104.100	999.765	2864.911
#2	1814.584	30826.92	4095.540	1000.055	2872.454
#3	1814.393	30819.98	4106.330	1003.333	2865.180

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-03DLX5 Acquired: 06/29/2024 18:55:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1778017	.0151039	.0646002	-.019166	.0352273	51.53346	1.430012
Stddev	.0026239	.0022066	.0042814	.007670	.0030522	.05709	.002663
%RSD	1.475760	14.60944	6.627514	40.01770	8.664273	.1107823	.1862400
#1	.1794138	.0160439	.0647358	-.027791	.0366190	51.48362	1.433017
#2	.1792172	.0125830	.0602526	-.013111	.0373357	51.59575	1.427944
#3	.1747739	.0166848	.0688122	-.016596	.0317274	51.52102	1.429074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0205206	.0217676	12.09743	.2909473	.2708855	.2814569	136.1488
Stddev	.0001321	.0003254	.01058	.0013021	.0006721	.0041290	.3558
%RSD	.6437043	1.494771	.0874499	.4475229	.2481252	1.466995	.2612977
#1	.0204099	.0218138	12.08812	.2895061	.2702019	.2771246	136.0374
#2	.0206668	.0214216	12.09524	.2920387	.2709092	.2853469	135.8621
#3	.0204851	.0220674	12.10893	.2912972	.2715455	.2818993	136.5469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.25848	34.90977	.3282129	.0114546	.4711495	.4762962	.4283500
Stddev	.01028	.08995	.0009985	.0002536	.1275854	.0062909	.0113683
%RSD	.0838676	.2576742	.3042168	2.213605	27.07961	1.320804	2.653985
#1	12.26315	34.92375	.3276849	.0115476	.4408513	.4691373	.4178466
#2	12.24670	34.81365	.3275894	.0111676	.3614405	.4809425	.4404207
#3	12.26560	34.99191	.3293645	.0116484	.6111568	.4788090	.4267828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.37123	2.379747	.0715890	.0983076	.4068636	1.064067	.0013261
Stddev	.07698	.019061	.0006604	.0002709	.0134430	.009486	.0010210
%RSD	.6769291	.8009872	.9224557	.2755997	3.304044	.8914441	76.99356
#1	11.28325	2.372672	.0713462	.0984241	.3917977	1.073033	.0024832
#2	11.42616	2.365235	.0710844	.0979979	.4111598	1.065032	.0009439
#3	11.40428	2.401334	.0723364	.0985007	.4176334	1.054136	.0005514

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-03DLX5 Acquired: 06/29/2024 18:55:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4617827	.1170037	.1077432
Stddev	.0021818	.0043627	.0004486
%RSD	.4724837	3.728721	.4163310
#1	.4601118	.1203774	.1072530
#2	.4609851	.1185569	.1081332
#3	.4642511	.1120769	.1078435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.657	30830.48	4205.236	999.5513	2659.613
Stddev	.936	61.58	9.909	3.7665	5.207
%RSD	.0514627	.1997455	.2356282	.3768165	.1957704
#1	1819.394	30868.79	4193.945	1003.900	2659.546
#2	1820.697	30863.21	4209.277	997.337	2664.852
#3	1818.880	30759.45	4212.485	997.417	2654.440

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-11DLX2 Acquired: 06/29/2024 19:00:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2064901	.0067486	.1834288	-.028560	.0019977	57.22617	3.018658
Stddev	.0051789	.0013338	.0008373	.006159	.0022428	.29399	.005696
%RSD	2.508047	19.76386	.4564527	21.56653	112.2716	.5137403	.1887001
#1	.2009085	.0052667	.1828297	-.034695	.0045505	56.96945	3.016019
#2	.2111397	.0071262	.1843855	-.022377	.0010990	57.54690	3.025196
#3	.2074219	.0078529	.1830713	-.028608	.0003435	57.16217	3.014761

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015404	.0039904	108.2065	.1290410	.1054766	.1962115	114.6595
Stddev	.0001207	.0000853	.2254	.0007989	.0002249	.0010188	.3324
%RSD	7.834052	2.136802	.2082702	.6190839	.2132531	.5192184	.2898603
#1	.0016782	.0039205	107.9466	.1283434	.1056843	.1971343	114.3361
#2	.0014892	.0039653	108.3247	.1299125	.1052377	.1963818	115.0001
#3	.0014537	.0040854	108.3481	.1288671	.1055079	.1951182	114.6421

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.30801	39.49591	.1763527	-.003096	.8343394	.3037569	.2674176
Stddev	.05498	.26587	.0007470	.000257	.2424579	.0016951	.0114048
%RSD	.2358978	.6731638	.4235911	8.303298	29.05986	.5580503	4.264784
#1	23.24999	39.24598	.1766901	-.003090	1.087309	.3024432	.2712455
#2	23.35934	39.77528	.1754966	-.003356	.811732	.3056703	.2764160
#3	23.31469	39.46646	.1768716	-.002842	.603977	.3031571	.2545913

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.192502	5.329751	.0597660	-.000708	.2182428	1.389790	-.001720
Stddev	.058499	.002949	.0013584	.000491	.0083800	.012393	.000714
%RSD	.7140524	.0553352	2.272921	69.43752	3.839766	.8917219	41.51945
#1	8.139207	5.329817	.0602003	-.001274	.2090592	1.375515	-.001648
#2	8.183208	5.326770	.0608543	-.000392	.2254748	1.397789	-.002468
#3	8.255092	5.332667	.0582436	-.000458	.2201945	1.396068	-.001045

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-11DLX2 Acquired: 06/29/2024 19:00:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2943805	.1768754	.3435489
Stddev	.0012763	.0031376	.0022379
%RSD	.4335663	1.773913	.6514088
#1	.2939190	.1802208	.3418477
#2	.2958234	.1739982	.3460840
#3	.2933992	.1764072	.3427150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.358	32483.17	4524.213	1051.344	2540.640
Stddev	7.462	174.27	.331	5.445	7.909
%RSD	.3902166	.5364794	.0073243	.5179318	.3112902
#1	1906.710	32299.41	4523.839	1045.355	2534.807
#2	1920.818	32646.06	4524.327	1055.997	2549.642
#3	1909.546	32504.06	4524.472	1052.680	2537.471

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-13DLX5 Acquired: 06/29/2024 19:04:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102122	.0008991	.0641539	-.026073	.0010697	41.76160	1.962439
Stddev	.0040408	.0016646	.0020997	.006864	.0015220	.24112	.005244
%RSD	3.666392	185.1522	3.272864	26.32639	142.2744	.5773702	.2672047
#1	.1087350	.0015305	.0633970	-.030037	.0020340	41.80007	1.963167
#2	.1147838	.0021556	.0625376	-.018147	.0018601	41.50356	1.956868
#3	.1071180	-.000989	.0665271	-.030035	-.000685	41.98117	1.967280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012826	.0019033	13.58187	.0815912	.0761722	.1305295	87.10911
Stddev	.0000795	.0000434	.05440	.0011632	.0003688	.0014503	.38200
%RSD	6.195833	2.281831	.4005468	1.425686	.4842329	1.111060	.4385347
#1	.0012633	.0019061	13.53851	.0804839	.0762069	.1310494	87.06341
#2	.0012146	.0018586	13.56419	.0814865	.0757872	.1288910	86.75201
#3	.0013700	.0019453	13.64292	.0828033	.0765225	.1316482	87.51191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.41571	27.23907	.1056983	-.002509	.2844384	.1963106	.2205342
Stddev	.04998	.07453	.0004520	.000417	.1264590	.0019859	.0057458
%RSD	.3467094	.2736047	.4276668	16.63713	44.45918	1.011610	2.605398
#1	14.40903	27.29994	.1061164	-.002762	.3283362	.1978189	.2153951
#2	14.36940	27.15595	.1057598	-.002738	.3830988	.1940606	.2194696
#3	14.46869	27.26132	.1052187	-.002027	.1418802	.1970523	.2267378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.586625	1.124110	.0452271	-.000561	.1328765	1.064582	.0004256
Stddev	.054088	.008744	.0006498	.000256	.0042585	.005889	.0004417
%RSD	1.179249	.7778519	1.436741	45.70124	3.204870	.5531868	103.7756
#1	4.592068	1.127113	.0458843	-.000856	.1349977	1.057894	-.000077
#2	4.530021	1.114260	.0452118	-.000394	.1279740	1.066865	.000603
#3	4.637785	1.130956	.0445850	-.000432	.1356579	1.068988	.000751

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-13DLX5 Acquired: 06/29/2024 19:04:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5Q8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2254834	.1200566	.2034580
Stddev	.0009232	.0016111	.0016820
%RSD	.4094506	1.341966	.8266842
#1	.2245160	.1209088	.2040432
#2	.2263551	.1210626	.2015617
#3	.2255791	.1181983	.2047693

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1878.525	31840.95	4332.618	1033.243	2677.181
Stddev	.025	160.77	11.869	10.015	5.426
%RSD	.0013481	.5049023	.2739517	.9693161	.2026910
#1	1878.501	31663.10	4341.788	1023.462	2672.994
#2	1878.521	31975.95	4336.853	1032.789	2683.312
#3	1878.552	31883.78	4319.212	1043.477	2675.237

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-17DLX5 Acquired: 06/29/2024 19:09:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888926	.0027016	.0491972	-.022711	.0009162	34.14122	1.643950
Stddev	.0036132	.0011203	.0008650	.006004	.0028567	.07068	.003412
%RSD	4.064701	41.47027	1.758237	26.43679	311.7970	.2070219	.2075355
#1	.0851923	.0035406	.0482063	-.029624	.0026222	34.09206	1.640635
#2	.0924119	.0031347	.0498014	-.019715	.0025083	34.10940	1.643764
#3	.0890737	.0014293	.0495838	-.018795	-.002382	34.22222	1.647451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008186	.0013849	11.94356	.0673345	.0543686	.0993215	67.26083
Stddev	.0001056	.0001664	.01458	.0010114	.0003171	.0045556	.26417
%RSD	12.90225	12.01384	.1220756	1.501999	.5832957	4.586766	.3927538
#1	.0009200	.0014823	11.94212	.0670671	.0541465	.0955506	67.26511
#2	.0008266	.0014797	11.95880	.0684527	.0542275	.0980306	66.99455
#3	.0007092	.0011928	11.92975	.0664838	.0547318	.1043833	67.52284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59989	24.59200	.0838194	-.001847	.5015865	.1484602	.1559665
Stddev	.02515	.04011	.0004424	.000217	.1891907	.0016111	.0041180
%RSD	.1722809	.1630930	.5278354	11.72714	37.71845	1.085196	2.640286
#1	14.59708	24.57285	.0834396	-.001628	.3316321	.1478907	.1555265
#2	14.57626	24.63809	.0837134	-.002061	.7054322	.1502787	.1520862
#3	14.62633	24.56506	.0843051	-.001852	.4676952	.1472113	.1602868

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.900728	1.316443	.0347280	-.000865	.0577315	.8777862	.0010493
Stddev	.057675	.008273	.0003720	.000247	.0026008	.0015932	.0008165
%RSD	1.478576	.6284605	1.071085	28.58346	4.505046	.1814999	77.81629
#1	3.967142	1.320871	.0348426	-.000731	.0564984	.8793794	.0018668
#2	3.871803	1.321559	.0343122	-.001151	.0607196	.8761930	.0002338
#3	3.863240	1.306898	.0350292	-.000714	.0559767	.8777861	.0010472

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-17DLX5 Acquired: 06/29/2024 19:09:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1730930	.0991644	.2188674
Stddev	.0015696	.0033513	.0007599
%RSD	.9067708	3.379557	.3472031
#1	.1734183	.1000218	.2183901
#2	.1713863	.0954677	.2184683
#3	.1744745	.1020038	.2197437

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1838.515	30992.89	4263.912	1007.761	2698.415
Stddev	2.114	238.69	17.059	7.043	4.942
%RSD	.1149906	.7701464	.4000862	.6988519	.1831614
#1	1840.480	30724.20	4246.731	1003.827	2704.080
#2	1838.787	31180.42	4280.847	1015.892	2694.983
#3	1836.278	31074.05	4264.159	1003.565	2696.182

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-04DLX2 Acquired: 06/29/2024 19:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1864024	.0040969	.1721581	-.038277	.0069007	70.88330	4.600049
Stddev	.0030567	.0026266	.0022952	.002416	.0003987	.31203	.008634
%RSD	1.639847	64.11225	1.333192	6.311265	5.777001	.4402014	.1876984
#1	.1894963	.0015937	.1744928	-.036057	.0066375	70.76290	4.599617
#2	.1833843	.0068315	.1720770	-.037926	.0073593	70.64941	4.591639
#3	.1863266	.0038654	.1699045	-.040850	.0067052	71.23759	4.608891

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034027	.0045206	148.2591	.1506880	.2280552	.2853504	145.8593
Stddev	.0000442	.0001909	.3077	.0005082	.0009261	.0024212	.5799
%RSD	1.298523	4.222289	.2075735	.3372502	.4060868	.8484921	.3975674
#1	.0034084	.0046698	148.1299	.1501093	.2287522	.2825664	145.7639
#2	.0034437	.0045866	148.0370	.1510613	.2270043	.2865216	145.3331
#3	.0033559	.0043055	148.6104	.1508936	.2284089	.2869634	146.4810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.01658	41.75408	.2298584	-.004141	.7208213	.3901059	.2983916
Stddev	.09059	.12724	.0008796	.000166	.1846913	.0049638	.0059694
%RSD	.3621178	.3047418	.3826527	4.005790	25.62234	1.272418	2.000527
#1	24.97327	41.61054	.2290694	-.003956	.8186008	.3857380	.2915494
#2	24.95578	41.79869	.2296990	-.004276	.5077967	.3890759	.3010898
#3	25.12070	41.85301	.2308067	-.004191	.8360664	.3955039	.3025355

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.58127	4.617113	.0842407	-.000283	.5814474	2.277067	-.002894
Stddev	.19437	.013847	.0019010	.000483	.0060926	.012972	.000770
%RSD	1.431155	.2999003	2.256620	170.4402	1.047838	.5696764	26.61184
#1	13.64435	4.607908	.0837525	-.000042	.5745877	2.290026	-.002856
#2	13.36320	4.610394	.0826315	.000032	.5862295	2.264082	-.003682
#3	13.73627	4.633037	.0863382	-.000840	.5835251	2.277092	-.002143

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-04DLX2 Acquired: 06/29/2024 19:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5R3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3719387	.2303519	.2788546
Stddev	.0027962	.0019030	.0019625
%RSD	.7517831	.8261034	.7037526
#1	.3721897	.2305062	.2789217
#2	.3690255	.2283766	.2768594
#3	.3746010	.2321730	.2807826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1883.289	32051.71	4492.157	1032.444	2495.733
Stddev	2.609	38.79	16.704	6.723	1.618
%RSD	.1385455	.1210086	.3718519	.6511666	.0648165
#1	1881.205	32096.03	4488.789	1040.193	2495.223
#2	1886.216	32035.12	4510.288	1028.174	2497.544
#3	1882.448	32023.98	4477.393	1028.964	2494.432

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-11DLX2 Acquired: 06/29/2024 19:17:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2083673	.0037129	.2225828	-.041165	.0085199	59.61847	5.130283
Stddev	.0094702	.0018150	.0012198	.002074	.0044229	.36313	.015816
%RSD	4.544979	48.88418	.5480142	5.037311	51.91235	.6090931	.3082804
#1	.2142058	.0055521	.2213921	-.042741	.0078905	59.20842	5.112174
#2	.2134555	.0019231	.2238297	-.038816	.0132238	59.74762	5.137295
#3	.1974406	.0036633	.2225265	-.041938	.0044455	59.89937	5.141380

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021264	.0061636	23.04507	.1314357	.1142367	.3878443	156.9961
Stddev	.0002704	.0000829	.10332	.0009996	.0008210	.0032145	.9249
%RSD	12.71589	1.344723	.4483221	.7605201	.7187130	.8288097	.5891006
#1	.0018352	.0061255	22.92792	.1305617	.1136822	.3843495	155.9648
#2	.0021746	.0062587	23.08410	.1325256	.1138480	.3885085	157.2718
#3	.0023695	.0061066	23.12318	.1312199	.1151799	.3906747	157.7518

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.09227	37.62212	.1829566	-.003599	.4846301	.3621899	.3972402
Stddev	.13144	.22228	.0009649	.000115	.1235420	.0030680	.0043616
%RSD	.4518170	.5908168	.5274174	3.190782	25.49202	.8470713	1.097979
#1	28.94781	37.38032	.1829609	-.003703	.5936861	.3613304	.4002711
#2	29.12418	37.81757	.1819895	-.003618	.5097432	.3655960	.3922414
#3	29.20483	37.66846	.1839194	-.003475	.3504609	.3596433	.3992082

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.11109	3.796432	.0789884	-.000887	.5189535	1.792212	.0026525
Stddev	.04479	.006021	.0017514	.000348	.0030391	.004622	.0001333
%RSD	.4030729	.1585882	2.217273	39.19672	.5856257	.2578971	5.026480
#1	11.05952	3.790244	.0778869	-.001259	.5213422	1.796882	.0027484
#2	11.13349	3.802270	.0780705	-.000832	.5155328	1.792116	.0025002
#3	11.14025	3.796782	.0810080	-.000570	.5199857	1.787639	.0027088

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-11DLX2 Acquired: 06/29/2024 19:17:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4233494	.1432781	.1987863
Stddev	.0041222	.0044873	.0013982
%RSD	.9737131	3.131885	.7033578
#1	.4186968	.1483203	.1972573
#2	.4265461	.1417903	.1999998
#3	.4248052	.1397236	.1991017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.731	32205.17	4421.550	1040.028	2618.198
Stddev	1.400	30.74	11.661	4.458	4.038
%RSD	.0735927	.0954617	.2637281	.4286562	.1542363
#1	1902.540	32176.38	4408.088	1035.467	2622.430
#2	1902.538	32237.55	4428.518	1040.244	2617.776
#3	1900.115	32201.58	4428.043	1044.375	2614.387

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-15DLX5 Acquired: 06/29/2024 19:22:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1222684	.0017959	.0854027	-.024396	.0044349	38.71846	3.183331
Stddev	.0047298	.0012274	.0006273	.005894	.0022327	.20959	.002455
%RSD	3.868387	68.34307	.7344876	24.16191	50.34498	.5413246	.0771330
#1	.1274085	.0010488	.0853097	-.029545	.0044034	38.74170	3.181885
#2	.1180997	.0032125	.0860713	-.017966	.0066832	38.91547	3.186166
#3	.1212970	.0011265	.0848272	-.025675	.0022180	38.49822	3.181943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012711	.0036678	18.75533	.0803494	.0618689	.2295964	102.2512
Stddev	.0000864	.0000226	.03752	.0011593	.0005007	.0035754	.2743
%RSD	6.795487	.6155775	.2000608	1.442768	.8092176	1.557246	.2682443
#1	.0011718	.0036852	18.79435	.0790192	.0618010	.2334502	102.3376
#2	.0013124	.0036758	18.75213	.0811441	.0614056	.2289518	102.4718
#3	.0013290	.0036423	18.71951	.0808849	.0624000	.2263872	101.9441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.61936	24.62205	.0948656	-.002521	.2804160	.2151567	.2680403
Stddev	.02738	.09675	.0004505	.000345	.0915158	.0018808	.0110738
%RSD	.1553890	.3929518	.4749087	13.68267	32.63575	.8741694	4.131374
#1	17.63388	24.58315	.0943952	-.002695	.2627169	.2171263	.2619625
#2	17.63642	24.73219	.0952932	-.002124	.3794886	.2149645	.2808221
#3	17.58778	24.55080	.0949085	-.002745	.1990424	.2133794	.2613364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.985322	2.005581	.0504493	-.000744	.4953794	.9624021	.0008664
Stddev	.070969	.008292	.0001880	.000255	.0049305	.0040366	.0005262
%RSD	1.015971	.4134554	.3726167	34.29558	.9952981	.4194254	60.73582
#1	7.025074	2.011172	.0502328	-.001037	.5003613	.9637349	.0002700
#2	7.027507	1.996054	.0505708	-.000573	.4905020	.9578678	.0010637
#3	6.903387	2.009518	.0505444	-.000621	.4952748	.9656038	.0012654

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-15DLX5 Acquired: 06/29/2024 19:22:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2531078	.0959813	.1445693
Stddev	.0009191	.0031802	.0011505
%RSD	.3631142	3.313407	.7958163
#1	.2526383	.0935195	.1454637
#2	.2541668	.0948524	.1449728
#3	.2525183	.0995720	.1432714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.670	31140.56	4244.707	1017.346	2676.051
Stddev	3.574	43.01	19.597	.792	3.842
%RSD	.1938466	.1381160	.4616740	.0778376	.1435757
#1	1843.897	31190.22	4222.120	1016.777	2678.619
#2	1847.125	31116.45	4257.181	1017.011	2677.901
#3	1839.988	31115.02	4254.820	1018.250	2671.634

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-17DLX5 Acquired: 06/29/2024 19:26:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860157	.0030201	.0391777	-.018679	.0013304	23.60661	1.550634
Stddev	.0002822	.0027451	.0031303	.001902	.0007975	.09306	.004076
%RSD	.3281216	90.89334	7.990020	10.18120	59.94480	.3942251	.2628748
#1	.0862677	-.000111	.0356754	-.017136	.0007086	23.69534	1.554051
#2	.0857107	.005012	.0401548	-.020803	.0010530	23.50975	1.546122
#3	.0860686	.004159	.0417029	-.018097	.0022295	23.61474	1.551729

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007742	.0017271	85.78075	.0637953	.0475348	.1502356	80.69606
Stddev	.0000681	.0000319	.32972	.0001859	.0003773	.0023839	.32681
%RSD	8.800063	1.847608	.3843714	.2914658	.7936948	1.586757	.4049924
#1	.0006955	.0017423	86.11334	.0636012	.0472054	.1474878	80.96891
#2	.0008149	.0017485	85.45398	.0639719	.0474526	.1517511	80.33386
#3	.0008120	.0016904	85.77492	.0638126	.0479464	.1514678	80.78540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63654	30.15133	.0995664	-.002362	.8396480	.1415985	.1470912
Stddev	.06298	.15386	.0003352	.000398	.1210020	.0054204	.0067716
%RSD	.4302984	.5102780	.3366992	16.87014	14.41104	3.828037	4.603639
#1	14.69594	30.26979	.0997273	-.002077	.8842983	.1476623	.1468329
#2	14.57050	29.97744	.0991810	-.002192	.7026658	.1372236	.1539883
#3	14.64317	30.20676	.0997909	-.002817	.9319800	.1399096	.1404526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.084596	2.344723	.0394856	-.000543	.1617532	1.179914	-.001313
Stddev	.045395	.004004	.0007732	.000126	.0129382	.008969	.000282
%RSD	2.177619	.1707481	1.958187	23.10774	7.998706	.7601676	21.51264
#1	2.121792	2.344172	.0389345	-.000516	.1500180	1.183949	-.001091
#2	2.097983	2.341023	.0403695	-.000434	.1596141	1.169636	-.001217
#3	2.034013	2.348974	.0391528	-.000680	.1756277	1.186157	-.001631

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-17DLX5 Acquired: 06/29/2024 19:26:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4986293	.0662294	.2338118
Stddev	.0030432	.0015228	.0011779
%RSD	.6103156	2.299245	.5037971
#1	.5004140	.0676153	.2349211
#2	.4951154	.0645993	.2325755
#3	.5003583	.0664736	.2339390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.178	30216.85	4193.869	975.8772	2605.243
Stddev	4.577	53.38	20.714	3.2931	7.424
%RSD	.2549486	.1766678	.4939215	.3374516	.2849534
#1	1796.785	30227.93	4171.215	977.0026	2610.025
#2	1798.735	30158.80	4211.843	972.1690	2609.013
#3	1790.015	30263.83	4198.551	978.4602	2596.691

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-20DLX2 Acquired: 06/29/2024 19:31:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1889355	-.000793	.1001566	-.030246	.0071683	66.38401	2.301286
Stddev	.0015170	.000640	.0006918	.008315	.0004626	.28241	.004138
%RSD	.8029277	80.64957	.6906975	27.49272	6.453979	.4254173	.1798294
#1	.1878815	-.000220	.1009544	-.021009	.0075891	66.19816	2.301339
#2	.1882508	-.000676	.0997234	-.032595	.0066729	66.70899	2.305397
#3	.1906741	-.001484	.0997920	-.037134	.0072431	66.24489	2.297121

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019606	.0031327	24.59818	.1391582	.1156915	.1724419	141.1936
Stddev	.0000618	.0000488	.03857	.0000934	.0004778	.0035525	.1575
%RSD	3.151524	1.558656	.1568156	.0671101	.4130048	2.060113	.1115360
#1	.0020285	.0031850	24.61041	.1391034	.1151552	.1740745	141.3021
#2	.0019458	.0031247	24.62915	.1392660	.1158475	.1683665	141.2657
#3	.0019077	.0030883	24.55497	.1391052	.1160719	.1748845	141.0130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.13601	49.73166	.1638088	-.004079	.4670124	.3128431	.3784713
Stddev	.04700	.16492	.0001937	.000172	.1766350	.0039562	.0088600
%RSD	.2742502	.3316242	.1182216	4.213626	37.82234	1.264612	2.340990
#1	17.14179	49.54286	.1640193	-.004157	.3439589	.3083578	.3714918
#2	17.17985	49.84767	.1636383	-.003881	.6694054	.3158364	.3754830
#3	17.08639	49.80443	.1637688	-.004197	.3876728	.3143352	.3884390

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.025752	3.399959	.0691729	-.000879	.1122055	1.548368	-.000624
Stddev	.033282	.006675	.0009965	.000178	.0118012	.010753	.001310
%RSD	.3687453	.1963334	1.440588	20.23390	10.51752	.6944441	209.8550
#1	9.052495	3.395454	.0702029	-.000935	.1028937	1.536493	-.001786
#2	9.036282	3.396795	.0691020	-.001023	.1082453	1.557445	-.000881
#3	8.988479	3.407628	.0682137	-.000680	.1254775	1.551166	.000795

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2826-20DLX2 Acquired: 06/29/2024 19:31:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5S9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6101997	.1806694	.3225568
Stddev	.0016760	.0003802	.0019034
%RSD	.2746581	.2104639	.5901089
#1	.6114612	.1802319	.3207677
#2	.6108398	.1808552	.3245570
#3	.6082980	.1809210	.3223456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.326	32103.25	4436.264	1035.953	2596.717
Stddev	2.043	196.89	8.739	8.412	2.526
%RSD	.1080374	.6133075	.1969969	.8120101	.0972805
#1	1891.633	31876.19	4433.843	1027.203	2594.846
#2	1893.199	32226.83	4428.990	1043.981	2599.591
#3	1889.147	32206.71	4445.958	1036.675	2595.715

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-04DLX10 Acquired: 06/29/2024 19:35:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888013	.0016366	.0847588	-.025576	.0048033	16.30819	1.199696
Stddev	.0023228	.0017856	.0014628	.003848	.0014649	.05914	.003901
%RSD	2.615671	109.1010	1.725884	15.04364	30.49733	.3626248	.3251652
#1	.0863255	-.000416	.0863123	-.028897	.0063945	16.31292	1.202991
#2	.0909325	.002832	.0834077	-.021360	.0035108	16.36483	1.200708
#3	.0891459	.002493	.0845564	-.026472	.0045046	16.24683	1.195389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005392	.0023753	3.968931	.0387560	.0439238	.1409629	111.9810
Stddev	.0000310	.0001581	.028652	.0007562	.0001586	.0009308	.2965
%RSD	5.754464	6.654175	.7219001	1.951158	.3610839	.6603298	.2647646
#1	.0005476	.0025109	4.001546	.0390441	.0438404	.1403491	111.7249
#2	.0005048	.0022017	3.957434	.0378981	.0441067	.1420339	112.3058
#3	.0005652	.0024133	3.947814	.0393258	.0438242	.1405057	111.9124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.09129	8.458181	.0512694	-.003669	.2588446	.1204598	.1514905
Stddev	.01782	.074625	.0008520	.000209	.1733611	.0011560	.0071682
%RSD	.1042433	.8822779	1.661747	5.693786	66.97498	.9596107	4.731783
#1	17.09939	8.543373	.0510289	-.003747	.1496228	.1197103	.1438701
#2	17.10362	8.426793	.0505636	-.003829	.1681729	.1217911	.1525022
#3	17.07086	8.404378	.0522158	-.003433	.4587381	.1198781	.1580990

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.402932	.8359244	.0496535	-.000255	.0453392	.1754235	.0008251
Stddev	.019602	.0062808	.0003462	.000396	.0110562	.0010838	.0000688
%RSD	.8157465	.7513546	.6972190	155.0266	24.38548	.6178148	8.331985
#1	2.386419	.8289891	.0500476	-.000687	.0339018	.1747192	.0008749
#2	2.397782	.8375549	.0495140	.000091	.0461460	.1748799	.0008538
#3	2.424595	.8412291	.0493988	-.000170	.0559700	.1766716	.0007466

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2828-04DLX10 Acquired: 06/29/2024 19:35:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2131735	.0526960	.1031661
Stddev	.0014474	.0023217	.0003548
%RSD	.6789885	4.405848	.3439110
#1	.2136423	.0522565	.1029736
#2	.2143284	.0506255	.1035756
#3	.2115498	.0552060	.1029492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.025	30597.76	4191.261	998.1921	2769.786
Stddev	3.620	33.28	9.072	10.2824	6.760
%RSD	.1979410	.1087819	.2164502	1.030100	.2440559
#1	1826.130	30623.03	4201.736	992.7865	2764.422
#2	1833.084	30560.05	4185.979	991.7400	2777.379
#3	1827.861	30610.20	4186.068	1010.050	2767.558

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-05DLX5 Acquired: 06/29/2024 19:40:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2130542	-.003797	.1035335	-.053713	.0072757	33.09721	1.435277
Stddev	.0041924	.000613	.0022184	.002782	.0021519	.33483	.010203
%RSD	1.967781	16.14505	2.142658	5.178571	29.57650	1.011645	.7108489
#1	.2097489	-.004107	.1022446	-.052513	.0095970	32.82780	1.425899
#2	.2116436	-.004193	.1022609	-.056894	.0068827	33.47206	1.446141
#3	.2177700	-.003091	.1060951	-.051734	.0053473	32.99176	1.433791

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009925	.0045329	5.973282	.0937921	.0893453	.3060577	219.3887
Stddev	.0001477	.0000152	.040364	.0005326	.0004311	.0052217	1.4984
%RSD	14.87755	.3343936	.6757463	.5678940	.4824710	1.706101	.6829908
#1	.0011026	.0045494	5.928540	.0935343	.0898430	.3053884	217.9638
#2	.0010502	.0045196	6.006962	.0934373	.0890878	.3115818	220.9512
#3	.0008247	.0045297	5.984344	.0944046	.0891051	.3012031	219.2511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.28356	18.33692	.0988675	-.006775	.7376181	.2664479	.3126085
Stddev	.14287	.20247	.0007284	.000370	.1915495	.0012074	.0101061
%RSD	.7043591	1.104180	.7366950	5.461136	25.96866	.4531488	3.232826
#1	20.15999	18.22490	.0989040	-.007044	.5226586	.2650612	.3056331
#2	20.44000	18.57065	.0995770	-.006353	.8902147	.2670165	.3241981
#3	20.25068	18.21522	.0981216	-.006929	.7999809	.2672661	.3079944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.111954	1.719957	.1008278	.0002072	.0751616	.3027587	.0021073
Stddev	.141987	.013879	.0015405	.0002438	.0079673	.0002413	.0008209
%RSD	1.750340	.8069517	1.527868	117.6624	10.60023	.0797142	38.95734
#1	7.950869	1.710835	.1002460	.0001967	.0843121	.3025923	.0012347
#2	8.166056	1.713107	.0996628	.0004561	.0714107	.3030355	.0028643
#3	8.218936	1.735930	.1025744	-.000031	.0697621	.3026483	.0022228

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-05DLX5 Acquired: 06/29/2024 19:40:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4703990	.0918083	.1297991
Stddev	.0051897	.0017237	.0013481
%RSD	1.103248	1.877514	1.038635
#1	.4651439	.0912657	.1290331
#2	.4755206	.0937380	.1313557
#3	.4705326	.0904212	.1290084

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.941	30961.86	4219.678	1011.567	2714.728
Stddev	4.736	51.58	19.877	2.870	4.638
%RSD	.2580993	.1665859	.4710447	.2837142	.1708582
#1	1835.032	31019.07	4240.309	1014.243	2711.214
#2	1839.631	30947.59	4200.653	1008.536	2719.985
#3	1830.160	30918.92	4218.071	1011.921	2712.984

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-06DLX10 Acquired: 06/29/2024 19:44:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979541	-.003442	.0569229	-.040332	.0060694	17.45370	.6921965
Stddev	.0013838	.000898	.0018640	.001420	.0020861	.09214	.0011952
%RSD	1.412713	26.08503	3.274677	3.521819	34.37008	.5279092	.1726624
#1	.0984867	-.004313	.0548823	-.041618	.0083100	17.36406	.6919598
#2	.0963831	-.002520	.0573502	-.038808	.0057148	17.54815	.6934923
#3	.0989925	-.003492	.0585362	-.040571	.0041834	17.44890	.6911374

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006773	.0023575	2.814006	.0534811	.0504981	.1364187	137.4138
Stddev	.0001093	.0001456	.014695	.0006186	.0000775	.0040156	.3725
%RSD	16.13106	6.176739	.5222028	1.156709	.1534654	2.943570	.2710574
#1	.0006584	.0024761	2.808429	.0532421	.0505378	.1318299	136.9876
#2	.0007948	.0021950	2.830673	.0541836	.0505476	.1381370	137.6765
#3	.0005788	.0024015	2.802916	.0530177	.0504087	.1392892	137.5774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06270	10.38394	.0526588	-.003806	.2904288	.1294656	.2031886
Stddev	.02968	.08645	.0012157	.000546	.1311132	.0015533	.0086611
%RSD	.2682467	.8325230	2.308583	14.34399	45.14470	1.199772	4.262576
#1	11.03429	10.32019	.0539716	-.003176	.4381883	.1277720	.1932034
#2	11.06031	10.34930	.0524331	-.004144	.1879829	.1298010	.2076961
#3	11.09350	10.48234	.0515718	-.004098	.2451153	.1308237	.2086664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.730887	.9257513	.0588733	-.000691	.0603530	.1776509	.0020242
Stddev	.042742	.0103025	.0008966	.000322	.0039120	.0025463	.0004538
%RSD	.9034712	1.112882	1.522896	46.68446	6.481881	1.433294	22.41895
#1	4.747328	.9328553	.0580745	-.000802	.0564456	.1804858	.0015146
#2	4.762967	.9139354	.0587023	-.000327	.0603439	.1769089	.0023846
#3	4.682365	.9304631	.0598430	-.000943	.0642696	.1755581	.0021734

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-06DLX10 Acquired: 06/29/2024 19:44:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2029816	.0556830	.0590078
Stddev	.0018268	.0018915	.0001131
%RSD	.8999604	3.396865	.1916022
#1	.2048349	.0536203	.0588818
#2	.2029271	.0573363	.0590414
#3	.2011826	.0560922	.0591003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.259	30644.20	4192.457	997.1019	2758.117
Stddev	1.389	177.34	14.111	1.6163	7.634
%RSD	.0763202	.5786921	.3365737	.1621013	.2767888
#1	1818.656	30816.43	4176.163	995.7453	2749.549
#2	1820.995	30462.16	4200.633	998.8902	2764.196
#3	1821.124	30654.02	4200.574	996.6700	2760.607

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-07DLX5 Acquired: 06/29/2024 19:49:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1933479	-.013739	.1281984	-.063128	.0118567	44.22542	1.283832
Stddev	.0065670	.001684	.0021933	.005020	.0014305	.30239	.004527
%RSD	3.396443	12.25774	1.710840	7.951852	12.06480	.6837371	.3526439
#1	.1876032	-.012786	.1294673	-.066411	.0133550	43.87640	1.278798
#2	.2005067	-.015684	.1294620	-.057350	.0105054	44.40853	1.287570
#3	.1919338	-.012748	.1256658	-.065624	.0117095	44.39133	1.285127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018500	.0057406	6.868626	.1409147	.0988860	.3218902	255.8005
Stddev	.0001162	.0002387	.047285	.0012901	.0001761	.0030214	1.5358
%RSD	6.279409	4.158020	.6884151	.9155252	.1781187	.9386400	.6004000
#1	.0017429	.0059752	6.815168	.1418308	.0989159	.3228638	254.0566
#2	.0019735	.0054980	6.885736	.1394393	.0990452	.3185020	256.3935
#3	.0018338	.0057485	6.904973	.1414739	.0986968	.3243048	256.9515

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.35495	24.90280	.1377491	-.007423	.6896837	.3417872	.3739483
Stddev	.07709	.16405	.0005210	.000524	.1120030	.0009145	.0085654
%RSD	.5370069	.6587454	.3781988	7.064149	16.23976	.2675537	2.290535
#1	14.26594	24.71812	.1383054	-.007896	.5968698	.3410346	.3811890
#2	14.39895	25.03163	.1372728	-.006859	.8140897	.3428049	.3761628
#3	14.39996	24.95864	.1376690	-.007513	.6580917	.3415221	.3644931

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.895612	2.441724	.1148820	-.001139	.2456599	.6103895	.0023618
Stddev	.063000	.006306	.0029749	.000255	.0118948	.0013673	.0015846
%RSD	.6366469	.2582737	2.589508	22.37671	4.841981	.2239990	67.09314
#1	9.957003	2.441496	.1122682	-.001019	.2434941	.6099444	.0024604
#2	9.898716	2.435535	.1142587	-.000966	.2349968	.6119238	.0038948
#3	9.831118	2.448141	.1181192	-.001432	.2584888	.6093002	.0007302

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-07DLX5 Acquired: 06/29/2024 19:49:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.7176835	.0943637	.0904354
Stddev	.0049511	.0021694	.0006318
%RSD	.6898718	2.298952	.6986317
#1	.7120025	.0961541	.0897093
#2	.7210791	.0949857	.0907369
#3	.7199689	.0919512	.0908600

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.973	30768.90	4249.678	1004.802	2687.382
Stddev	3.168	55.57	18.011	2.611	3.042
%RSD	.1728188	.1805987	.4238312	.2598927	.1131796
#1	1835.149	30768.81	4263.681	1002.453	2690.295
#2	1829.339	30824.51	4229.359	1004.339	2687.625
#3	1834.431	30713.37	4255.994	1007.614	2684.226

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-08DLX5 Acquired: 06/29/2024 19:53:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1444806	-.006417	.1078910	-.062694	.0094244	30.84568	1.150288
Stddev	.0020389	.002840	.0003713	.000925	.0012385	.13156	.002386
%RSD	1.411179	44.25136	.3441708	1.476109	13.14083	.4265176	.2074246
#1	.1445311	-.008642	.1074717	-.062879	.0098830	30.90567	1.151319
#2	.1464937	-.007390	.1081783	-.063513	.0103682	30.93655	1.151986
#3	.1424169	-.003219	.1080230	-.061690	.0080221	30.69481	1.147560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010626	.0037641	5.952074	.0902788	.0897094	.1970754	233.6679
Stddev	.0000898	.0002066	.023745	.0007574	.0002733	.0011932	.4734
%RSD	8.453441	5.487845	.3989365	.8389194	.3046593	.6054312	.2025953
#1	.0009730	.0039977	5.950410	.0894353	.0896706	.1984498	233.6125
#2	.0010623	.0036889	5.976608	.0909005	.0900001	.1964708	234.1666
#3	.0011527	.0036057	5.929205	.0905007	.0894576	.1963056	233.2246

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.70646	16.70883	.0920656	-.006763	.7067847	.2242241	.2793893
Stddev	.03183	.10581	.0002493	.000440	.1128371	.0031603	.0119303
%RSD	.1905140	.6332546	.2707349	6.509004	15.96485	1.409455	4.270131
#1	16.72266	16.59478	.0918874	-.006343	.8341534	.2250136	.2905844
#2	16.72692	16.72789	.0923504	-.006724	.6193280	.2269148	.2807440
#3	16.66979	16.80381	.0919589	-.007221	.6668727	.2207438	.2668394

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.749526	1.604815	.1001256	.0000072	.0912889	.3003630	.0020064
Stddev	.117654	.002827	.0028360	.0003427	.0044514	.0023093	.0007647
%RSD	1.518215	.1761675	2.832438	4767.622	4.876136	.7688249	38.11289
#1	7.791522	1.601655	.1022251	.0000912	.0958836	.2987203	.0027656
#2	7.840420	1.607106	.0968994	-.000370	.0909871	.2993653	.0020171
#3	7.616636	1.605683	.1012524	.000300	.0869962	.3030033	.0012364

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2828-08DLX5 Acquired: 06/29/2024 19:53:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5L0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5304583	.0778551	.1066994
Stddev	.0017477	.0026086	.0006344
%RSD	.3294767	3.350552	.5945531
#1	.5311625	.0795181	.1066056
#2	.5317440	.0748487	.1073754
#3	.5284683	.0791986	.1061171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1826.530	30811.02	4227.256	1001.795	2713.163
Stddev	1.315	180.49	23.678	8.082	2.731
%RSD	.0719907	.5858119	.5601381	.8067307	.1006637
#1	1826.849	30737.66	4243.754	994.306	2715.223
#2	1827.655	30678.75	4200.125	1000.718	2714.201
#3	1825.084	31016.64	4237.889	1010.362	2710.065

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-12DLX2 Acquired: 06/29/2024 19:57:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2641504	-.014981	.0841012	-.086673	.0151952	92.27640	2.497457
Stddev	.0049006	.001721	.0015064	.004895	.0026380	.49570	.008257
%RSD	1.855245	11.48668	1.791202	5.647117	17.36062	.5371934	.3305976
#1	.2669139	-.016289	.0850638	-.081280	.0157102	92.84709	2.506925
#2	.2584922	-.015623	.0823651	-.087906	.0123377	91.95297	2.491752
#3	.2670452	-.013032	.0848746	-.090833	.0175378	92.02913	2.493695

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030708	.0075303	38.67306	.1940017	.1688154	.2878851	341.6960
Stddev	.0000506	.0003106	.15171	.0003280	.0007183	.0037252	1.6494
%RSD	1.648904	4.124202	.3923012	.1690984	.4255125	1.293971	.4827099
#1	.0031293	.0071877	38.82604	.1942985	.1696093	.2912409	343.5946
#2	.0030429	.0077933	38.52264	.1936495	.1682105	.2885376	340.6160
#3	.0030403	.0076101	38.67050	.1940571	.1686264	.2838768	340.8774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.03912	61.42470	.2440539	-.009876	1.492096	.4967793	.5514263
Stddev	.09263	.18841	.0016443	.000240	.176857	.0011854	.0141222
%RSD	.4865304	.3067374	.6737453	2.427151	11.85290	.2386186	2.561037
#1	19.14382	61.61439	.2439688	-.009679	1.300836	.4980748	.5661659
#2	18.96783	61.23759	.2424538	-.010143	1.525732	.4957489	.5380154
#3	19.00570	61.42213	.2457391	-.009806	1.649719	.4965140	.5500975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.41055	4.580854	.1715577	-.000766	1.074350	1.409018	.0003426
Stddev	.07346	.015051	.0016044	.000383	.016520	.004005	.0008170
%RSD	.4476633	.3285550	.9351973	50.00567	1.537648	.2842087	238.4640
#1	16.47324	4.571878	.1697062	-.000425	1.092877	1.413318	-.000538
#2	16.42870	4.572454	.1725397	-.001181	1.069021	1.405395	.000489
#3	16.32971	4.598230	.1724271	-.000693	1.061153	1.408340	.001077

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-12DLX2 Acquired: 06/29/2024 19:57:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8705066	.2394767	.5636566
Stddev	.0050509	.0009253	.0048943
%RSD	.5802210	.3863765	.8683074
#1	.8763313	.2405438	.5690787
#2	.8673373	.2389882	.5623259
#3	.8678513	.2388980	.5595653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.927	32240.16	4474.175	1043.876	2578.794
Stddev	6.514	150.26	23.197	3.929	8.118
%RSD	.3428410	.4660709	.5184537	.3763662	.3147943
#1	1895.196	32071.96	4449.422	1043.475	2577.959
#2	1907.357	32361.13	4495.415	1047.990	2587.297
#3	1897.229	32287.39	4477.687	1040.163	2571.125

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-13DLX2 Acquired: 06/29/2024 20:02:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6060868	-.027061	.2147877	-.115361	.0232094	100.9198	1.923872
Stddev	.0020417	.001691	.0004466	.003925	.0006226	.3525	.002932
%RSD	.3368600	6.247441	.2079109	3.402243	2.682586	.3492564	.1524036
#1	.6037394	-.028987	.2152379	-.112715	.0225687	100.5138	1.921484
#2	.6074490	-.026374	.2147803	-.113498	.0238122	101.1472	1.922988
#3	.6070721	-.025822	.2143449	-.119871	.0232474	101.0985	1.927145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043784	.0155075	23.78223	.2353940	.1961118	.8503179	470.4466
Stddev	.0000395	.0001267	.00938	.0008946	.0008465	.0094223	1.0704
%RSD	.9029198	.8168436	.0394239	.3800524	.4316207	1.108091	.2275342
#1	.0044228	.0155700	23.79174	.2344360	.1969010	.8394453	470.1481
#2	.0043653	.0153618	23.78195	.2362078	.1962167	.8560999	469.5570
#3	.0043470	.0155908	23.77300	.2355381	.1952178	.8554085	471.6345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.51972	56.00079	.3212526	-.012666	1.580011	.8155495	.7179720
Stddev	.04331	.13665	.0008452	.000242	.097753	.0039235	.0125396
%RSD	.2338462	.2440100	.2631011	1.911418	6.186871	.4810904	1.746538
#1	18.51045	55.91947	.3211233	-.012917	1.502108	.8146058	.7095239
#2	18.48180	55.92436	.3221551	-.012647	1.548224	.8198587	.7120119
#3	18.56691	56.15856	.3204796	-.012434	1.689702	.8121838	.7323801

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.54328	5.338503	.2206681	-.001980	.8672710	2.285938	.0030153
Stddev	.11769	.033641	.0028764	.000373	.0059848	.005188	.0021477
%RSD	.6346513	.6301592	1.303482	18.84451	.6900788	.2269612	71.22750
#1	18.40932	5.363219	.2179630	-.002008	.8630274	2.285586	.0027106
#2	18.59047	5.352098	.2203517	-.001593	.8741164	2.291293	.0010362
#3	18.63004	5.300192	.2236896	-.002338	.8646691	2.280934	.0052990

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-13DLX2 Acquired: 06/29/2024 20:02:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.019861	.2086940	.2978004
Stddev	.002607	.0019055	.0014845
%RSD	.2556368	.9130777	.4984816
#1	1.017114	.2093850	.2961275
#2	1.020169	.2101576	.2989603
#3	1.022301	.2065393	.2983136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.421	33406.35	4617.563	1077.071	2578.772
Stddev	4.992	115.74	13.516	2.179	8.591
%RSD	.2551554	.3464697	.2927089	.2023373	.3331297
#1	1952.955	33289.82	4602.845	1077.232	2574.942
#2	1954.166	33521.29	4629.418	1079.165	2572.761
#3	1962.143	33407.92	4620.428	1074.815	2588.611

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-14DLX5 Acquired: 06/29/2024 20:06:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1164334	-.000539	.0485794	-.033111	.0046087	38.29729	2.159714
Stddev	.0100525	.002504	.0010838	.001476	.0020295	.22909	.012940
%RSD	8.633690	464.1506	2.230985	4.458928	44.03655	.5981931	.5991686
#1	.1072141	.000837	.0498306	-.034332	.0067522	38.44373	2.173790
#2	.1271509	.000974	.0479749	-.031470	.0043572	38.03328	2.148335
#3	.1149352	-.003429	.0479326	-.033531	.0027166	38.41485	2.157018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011614	.0024965	30.60414	.0802653	.0586143	.1309813	135.1335
Stddev	.0001190	.0000703	.15046	.0009968	.0003481	.0043006	.5587
%RSD	10.24510	2.814178	.4916459	1.241848	.5938629	3.283357	.4134224
#1	.0012851	.0024715	30.75934	.0791189	.0583695	.1327416	135.4138
#2	.0010478	.0025758	30.45891	.0807493	.0590128	.1260798	134.4902
#3	.0011514	.0024422	30.59417	.0809276	.0584606	.1341225	135.4966

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.64528	22.28751	.0917199	-.003938	.5939715	.2117097	.2180663
Stddev	.07104	.05915	.0011018	.000362	.1427503	.0055437	.0038534
%RSD	.4267909	.2653754	1.201303	9.181315	24.03319	2.618523	1.767071
#1	16.70312	22.32083	.0918424	-.003532	.4321822	.2135505	.2211728
#2	16.56599	22.21922	.0905618	-.004225	.6475566	.2054798	.2192719
#3	16.66673	22.32248	.0927553	-.004056	.7021756	.2160987	.2137543

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.728668	1.752440	.0641701	-.001082	.1243928	.5270482	.0005783
Stddev	.052494	.007930	.0008251	.000546	.0045431	.0023751	.0006975
%RSD	.9163407	.4525341	1.285827	50.47344	3.652207	.4506479	120.6110
#1	5.722684	1.759614	.0636476	-.000775	.1227005	.5288224	-.000106
#2	5.679422	1.743924	.0637414	-.001713	.1295391	.5243499	.000552
#3	5.783898	1.753783	.0651213	-.000759	.1209387	.5279723	.001289

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-14DLX5 Acquired: 06/29/2024 20:06:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2783690	.1013043	.2279563
Stddev	.0039698	.0013841	.0014899
%RSD	1.426073	1.366309	.6536035
#1	.2779276	.1026586	.2285869
#2	.2746384	.0998921	.2262548
#3	.2825410	.1013621	.2290272

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.545	31271.20	4262.462	1012.203	2672.945
Stddev	2.355	14.73	4.359	5.280	4.067
%RSD	.1274618	.0471104	.1022631	.5216812	.1521434
#1	1848.380	31287.81	4260.769	1014.125	2674.044
#2	1849.368	31259.72	4267.413	1006.230	2676.350
#3	1844.886	31266.07	4259.203	1016.252	2668.442

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-17DLX5 Acquired: 06/29/2024 20:11:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1246325	-.002703	.0537401	-.028933	.0061903	33.13967	1.382962
Stddev	.0020437	.002437	.0016525	.001883	.0010470	.20989	.004139
%RSD	1.639785	90.16825	3.075069	6.508963	16.91419	.6333569	.2992837
#1	.1268007	-.001191	.0519118	-.029950	.0056708	33.31867	1.384391
#2	.1227417	-.005514	.0541809	-.030089	.0073955	33.19168	1.386198
#3	.1243550	-.001403	.0551275	-.026760	.0055047	32.90866	1.378298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012397	.0023753	26.17491	.0709875	.0615098	.1421907	137.9324
Stddev	.0000151	.0000378	.12884	.0007648	.0006129	.0018130	.7591
%RSD	1.218384	1.590952	.4922132	1.077434	.9963972	1.275027	.5503282
#1	.0012258	.0023992	26.19639	.0707622	.0614230	.1400978	138.5091
#2	.0012377	.0023317	26.29166	.0718397	.0609450	.1431972	138.2156
#3	.0012558	.0023951	26.03669	.0703606	.0621615	.1432771	137.0724

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.56636	21.45692	.0863516	-.003748	.3135038	.2004448	.2053167
Stddev	.04993	.09961	.0005590	.000650	.2306978	.0039976	.0108613
%RSD	.3680570	.4642445	.6474075	17.33818	73.58693	1.994380	5.290036
#1	13.59359	21.44899	.0863291	-.002998	.1991669	.1962105	.1931331
#2	13.59676	21.56026	.0858041	-.004156	.5790393	.2009700	.2139849
#3	13.50874	21.36151	.0869215	-.004088	.1623053	.2041538	.2088320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.147916	1.491904	.0640445	-.000904	.1470513	.6882678	-.000498
Stddev	.112646	.002191	.0019744	.000372	.0025094	.0017477	.001441
%RSD	1.832266	.1468426	3.082840	41.13766	1.706488	.2539267	289.5951
#1	6.122370	1.492167	.0635988	-.000861	.1471961	.6901561	-.002110
#2	6.271141	1.493952	.0662036	-.000556	.1494852	.6867070	-.000047
#3	6.050237	1.489594	.0623310	-.001296	.1444726	.6879402	.000664

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-17DLX5 Acquired: 06/29/2024 20:11:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5W6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3088416	.0878356	.1453928
Stddev	.0018567	.0013472	.0020644
%RSD	.6011893	1.533814	1.419914
#1	.3097301	.0872663	.1473525
#2	.3100872	.0893741	.1455883
#3	.3067076	.0868666	.1432375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1844.881	31147.18	4270.597	1020.532	2684.506
Stddev	5.272	41.92	26.603	2.188	8.391
%RSD	.2857425	.1345752	.6229445	.2144052	.3125576
#1	1847.767	31135.23	4240.869	1022.851	2690.050
#2	1848.080	31112.54	4278.762	1018.504	2688.615
#3	1838.797	31193.78	4292.162	1020.242	2674.853

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2833-01DLX5 Acquired: 06/29/2024 20:15:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1555928	-.004184	.0617855	-.038838	.0049686	45.04713	1.351637
Stddev	.0055030	.002107	.0012298	.007558	.0007949	.09984	.002361
%RSD	3.536803	50.35348	1.990439	19.46016	15.99737	.2216439	.1746720
#1	.1619440	-.002335	.0629367	-.039173	.0046149	44.99043	1.351966
#2	.1522437	-.006477	.0619299	-.046222	.0058789	45.16241	1.353816
#3	.1525908	-.003739	.0604898	-.031118	.0044121	44.98853	1.349128

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014098	.0029172	9.999259	.1374995	.0890854	.2088597	150.6493
Stddev	.0000557	.0000189	.021467	.0005001	.0005039	.0040092	.4861
%RSD	3.948614	.6464984	.2146865	.3636951	.5656019	1.919587	.3226521
#1	.0013499	.0028974	10.02356	.1372454	.0886468	.2051879	150.4574
#2	.0014600	.0029350	9.99135	.1371776	.0889735	.2131374	151.2021
#3	.0014195	.0029193	9.98287	.1380757	.0896358	.2082537	150.2885

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98983	28.02809	.1222696	-.004414	.6498799	.2901077	.2666133
Stddev	.04375	.20573	.0007723	.000425	.1626276	.0040235	.0065600
%RSD	.2918494	.7340235	.6316252	9.617169	25.02425	1.386897	2.460473
#1	15.00523	27.81541	.1221406	-.004020	.6502198	.2918612	.2719903
#2	15.02379	28.22609	.1215698	-.004864	.4870827	.2929568	.2685452
#3	14.94046	28.04277	.1230982	-.004359	.8123373	.2855050	.2593043

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.710839	1.902659	.0683939	-.000902	.1552337	1.300725	.0006283
Stddev	.058766	.007394	.0014218	.000290	.0072752	.008586	.0014563
%RSD	.7621196	.3885974	2.078824	32.20035	4.686579	.6600624	231.7728
#1	7.645065	1.903801	.0668465	-.000880	.1632776	1.292424	.0021038
#2	7.729280	1.894762	.0686925	-.000623	.1533093	1.300180	-.000808
#3	7.758174	1.909416	.0696426	-.001203	.1491143	1.309570	.000589

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-01DLX5 Acquired: 06/29/2024 20:15:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4812954	.0980673	.1222408
Stddev	.0024080	.0024282	.0004340
%RSD	.5003255	2.476014	.3550406
#1	.4792834	.1008710	.1219697
#2	.4839635	.0966822	.1227414
#3	.4806393	.0966486	.1220113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1837.586	31041.86	4259.722	1006.856	2684.201
Stddev	.609	164.13	10.069	8.823	3.805
%RSD	.0331557	.5287298	.2363696	.8763346	.1417492
#1	1836.883	30874.65	4263.734	1001.323	2685.662
#2	1837.906	31048.21	4248.266	1002.213	2687.059
#3	1837.969	31202.72	4267.166	1017.031	2679.883

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2833-02DLX5 Acquired: 06/29/2024 20:20:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1578317	-.003021	.0575518	-.035507	.0054903	43.63873	1.140189
Stddev	.0052839	.001169	.0005604	.005498	.0030145	.23011	.002827
%RSD	3.347822	38.70088	.9737844	15.48495	54.90573	.5273038	.2479070
#1	.1620559	-.003794	.0581128	-.029578	.0063874	43.89863	1.143351
#2	.1595323	-.001676	.0575507	-.040438	.0021291	43.46095	1.137907
#3	.1519068	-.003595	.0569919	-.036506	.0079543	43.55661	1.139310

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014533	.0028303	9.643183	.1348061	.0865968	.2009820	147.4434
Stddev	.0001126	.0001182	.038671	.0013253	.0003033	.0011121	.8186
%RSD	7.745142	4.175432	.4010150	.9831439	.3501842	.5533356	.5552062
#1	.0013570	.0027470	9.675183	.1355811	.0862616	.2019178	148.3858
#2	.0014260	.0027782	9.600213	.1355615	.0866768	.1997525	146.9078
#3	.0015770	.0029655	9.654153	.1332758	.0868521	.2012756	147.0368

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.56930	27.02624	.1181881	-.004431	.4172050	.2783604	.2508460
Stddev	.06199	.10834	.0003432	.000195	.1466080	.0009826	.0039340
%RSD	.4568759	.4008749	.2904072	4.403068	35.14053	.3529816	1.568295
#1	13.63967	27.06073	.1179269	-.004430	.4190570	.2794062	.2489342
#2	13.54552	26.90485	.1180604	-.004626	.5628783	.2774566	.2553705
#3	13.52272	27.11314	.1185768	-.004236	.2696797	.2782183	.2482332

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.463508	1.867556	.0659645	-.000033	.1461293	.9601548	.0004696
Stddev	.066946	.002562	.0010788	.000409	.0033799	.0022390	.0003703
%RSD	.8969827	.1371590	1.635449	1246.252	2.312943	.2331924	78.84185
#1	7.392374	1.869926	.0671287	-.000116	.1423038	.9607663	.0000815
#2	7.472870	1.867905	.0657662	.000412	.1473727	.9620245	.0008190
#3	7.525281	1.864838	.0649986	-.000394	.1487114	.9576735	.0005084

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-02DLX5 Acquired: 06/29/2024 20:20:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4717208	.0945972	.1114285
Stddev	.0022364	.0009124	.0008415
%RSD	.4740918	.9644934	.7551826
#1	.4742368	.0948744	.1123248
#2	.4699592	.0953388	.1113051
#3	.4709663	.0935783	.1106555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.742	31050.01	4226.298	1011.228	2689.477
Stddev	2.856	42.17	18.217	4.838	3.198
%RSD	.1552605	.1358139	.4310327	.4784599	.1189202
#1	1838.629	31001.38	4216.269	1005.649	2692.536
#2	1842.987	31072.22	4215.300	1014.280	2689.741
#3	1837.609	31076.43	4247.325	1013.754	2686.155

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV098 Acquired: 06/29/2024 20:24:30 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV098 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.909605	4.746663	24.23500	4.748591	4.970758	401.2141	10.27643
Stddev	.016740	.012741	.00162	.008790	.008098	2.1421	.01942
%RSD	.3409744	.2684221	.0067050	.1850989	.1629076	.5339123	.1890185
#1	4.915290	4.733850	24.23442	4.753872	4.973767	403.6231	10.29830
#2	4.922763	4.746809	24.23374	4.738445	4.961587	399.5235	10.26979
#3	4.890762	4.759331	24.23683	4.753457	4.976921	400.4958	10.26119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5060922	2.524798	398.8807	15.20529	2.464719	14.75109	380.9167
Stddev	.0012716	.003166	.7050	.01456	.001175	.11972	1.3506
%RSD	.2512598	.1254002	.1767359	.0957629	.0476910	.8115715	.3545532
#1	.5075257	2.528070	399.6787	15.18852	2.463643	14.86102	382.3137
#2	.5056511	2.521750	398.6206	15.21257	2.464540	14.62354	379.6180
#3	.5050999	2.524574	398.3427	15.21478	2.465973	14.76870	380.8183

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.65303	377.8686	2.444076	1.294726	402.6740	2.505326	14.34706
Stddev	.04430	.8393	.005107	.003827	.9867	.009507	.16825
%RSD	.3023213	.2221256	.2089485	.2955843	.2450416	.3794667	1.172725
#1	14.70094	378.8308	2.439079	1.296851	403.7589	2.514325	14.40891
#2	14.64461	377.2871	2.449286	1.290308	402.4330	2.506270	14.15664
#3	14.61355	377.4878	2.443864	1.297019	401.8302	2.495382	14.47564

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.8984	5.006509	4.923320	4.817339	4.991898	5.116482	4.998837
Stddev	1.3679	.011186	.012296	.001721	.007305	.014347	.007793
%RSD	.8774439	.2234205	.2497530	.0357293	.1463341	.2804165	.1559026
#1	157.1652	5.019404	4.926108	4.819167	4.987734	5.131091	4.996288
#2	154.4480	5.000710	4.909869	4.815750	4.987628	5.115944	5.007586
#3	156.0821	4.999415	4.933982	4.817098	5.000333	5.102411	4.992637

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV098 Acquired: 06/29/2024 20:24:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV098 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.874121	5.108300	4.954521
Stddev	.023835	.012314	.061659
%RSD	.4890106	.2410671	1.244499
#1	4.900862	5.100954	5.022753
#2	4.855112	5.122517	4.938015
#3	4.866389	5.101429	4.902794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1465.204	25908.83	3832.668	804.7539	2058.525
Stddev	1.451	62.50	10.486	6.8960	1.152
%RSD	.0990563	.2412386	.2735855	.8569086	.0559866
#1	1463.581	25879.95	3821.845	801.3247	2058.822
#2	1465.656	25980.55	3842.780	812.6922	2057.253
#3	1466.376	25866.00	3833.380	800.2447	2059.500

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB098 Acquired: 06/29/2024 20:28:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024520	.0000338	.0008869	-.004394	-.001194	.0120302
Stddev	.0020916	.0001391	.0008899	.002217	.001485	.0037434
%RSD	85.29871	411.8006	100.3417	50.45733	124.3317	31.11649
#1	.0006629	-.000087	.0001207	-.006850	.000515	.0077260
#2	.0047516	.000186	.0018630	-.002539	-.002168	.0145268
#3	.0019416	.000002	.0006769	-.003793	-.001930	.0138377

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011211	.0000888	.0000843	.0274949	.0004448	.0001996
Stddev	.0005164	.0000737	.0000720	.0089619	.0003162	.0002888
%RSD	46.06081	83.00083	85.40661	32.59477	71.08071	144.6874
#1	.0015720	.0000344	.0000090	.0174708	.0002365	.0003409
#2	.0012335	.0000594	.0000913	.0347326	.0008086	.0003906
#3	.0005578	.0001727	.0001525	.0302814	.0002893	-.000133

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010311	.0344266	.0011269	-.019277	-.000249	.0001272
Stddev	.0045768	.0169297	.0006778	.063781	.000640	.0001392
%RSD	443.8930	49.17614	60.14713	330.8644	257.2353	109.4426
#1	.0023370	.0408758	.0003706	-.074309	.000379	-.000028
#2	-.004057	.0152201	.0013306	.050626	-.000224	.000170
#3	.004813	.0471838	.0016796	-.034149	-.000901	.000240

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090468	.0008052	-.000040	.1360758	.0001361	.0113810
Stddev	.363251	.0020911	.010616	.0299158	.0015665	.0009313
%RSD	401.5255	259.7132	26512.24	21.98467	1151.251	8.183034
#1	-.436839	.0019829	-.004717	.1120225	-.001471	.0122280
#2	-.122152	.0020418	-.007514	.1695742	.000221	.0103836
#3	.287587	-.001609	.012112	.1266307	.001658	.0115312

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: CCB098 Acquired: 06/29/2024 20:28:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB098 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008338	.0076237	-.002050	.0010437	-.000117	F .0163122
Stddev	.0005301	.0033170	.000571	.0002718	.001298	.0010221
%RSD	63.57686	43.50950	27.87669	26.04195	1107.931	6.265722
#1	.0011834	.0048642	-.001684	.0010070	-.001538	.0161295
#2	.0010941	.0067032	-.001757	.0013320	.000182	.0174133
#3	.0002239	.0113038	-.002709	.0007922	.001005	.0153938

Elem	Sr4077
Units	ppm
Avg	.0002219
Stddev	.0000400
%RSD	18.03954
#1	.0002671
#2	.0001909
#3	.0002077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.701	30440.93	4078.960	981.5589	2861.435
Stddev	3.687	300.74	8.655	7.7204	6.692
%RSD	.2037546	.9879616	.2121950	.7865405	.2338706
#1	1813.847	30103.17	4071.610	972.7236	2867.880
#2	1808.464	30539.92	4088.500	984.9480	2861.904
#3	1806.790	30679.71	4076.770	987.0050	2854.521

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2833-01LDLX25 Acquired: 06/29/2024 20:33:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309323	-.000569	.0125391	-.013627	.0010085	9.063938	.2739994
Stddev	.0069660	.001001	.0019916	.000963	.0014411	.064315	.0023728
%RSD	22.52001	176.0016	15.88326	7.065360	142.8931	.7095735	.8659879
#1	.0291096	.000473	.0147658	-.014166	.0021566	8.995579	.2719154
#2	.0250589	-.000655	.0109280	-.014200	-.000609	9.123253	.2765818
#3	.0386284	-.001525	.0119234	-.012515	.001477	9.072982	.2735010

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002650	.0004973	2.045068	.0284393	.0178757	.0451549	31.21066
Stddev	.0001397	.0000923	.019363	.0001284	.0000668	.0038516	.28559
%RSD	52.70664	18.55666	.9468199	.4515067	.3739308	8.529698	.9150483
#1	.0002918	.0005222	2.022766	.0282974	.0178775	.0419068	30.90351
#2	.0003894	.0003951	2.054845	.0285474	.0179416	.0494100	31.46820
#3	.0001139	.0005746	2.057594	.0284731	.0178079	.0441481	31.26025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.111581	5.625275	.0240371	-.001331	.2944453	.0594602	.0495126
Stddev	.023831	.108042	.0003608	.000698	.0629601	.0017725	.0049093
%RSD	.7658921	1.920657	1.501077	52.44266	21.38261	2.980926	9.915219
#1	3.087433	5.500527	.0244307	-.001462	.3435164	.0595186	.0514220
#2	3.135082	5.688916	.0237219	-.000577	.2234555	.0612027	.0531802
#3	3.112230	5.686382	.0239588	-.001954	.3163639	.0576593	.0439354

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.535871	.3650369	.0192477	.0000643	.0296189	.2633968	-.000594
Stddev	.043338	.0049940	.0018169	.0005002	.0002467	.0041183	.000698
%RSD	2.821722	1.368075	9.439779	777.4880	.8328805	1.563522	117.4507
#1	1.578529	.3612066	.0173785	-.000116	.0294337	.2586623	-.001378
#2	1.537200	.3632189	.0210074	.000630	.0298989	.2661495	-.000365
#3	1.491884	.3706852	.0193573	-.000321	.0295240	.2653786	-.000040

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-01LDLX25 Acquired: 06/29/2024 20:33:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0965253	.0310904	.0246688
Stddev	.0000960	.0017739	.0001368
%RSD	.0994484	5.705647	.5544589
#1	.0966338	.0299397	.0245199
#2	.0964904	.0301983	.0247889
#3	.0964515	.0331333	.0246974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.693	30792.39	4170.620	997.4211	2814.979
Stddev	1.921	146.33	42.678	2.0386	1.554
%RSD	.1054555	.4752204	1.023300	.2043822	.0552080
#1	1819.632	30711.18	4212.150	998.4824	2816.253
#2	1822.012	30961.32	4126.880	995.0708	2813.247
#3	1823.434	30704.68	4172.830	998.7100	2815.435

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-03DLX5 Acquired: 06/29/2024 20:37:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1632902	.0161113	.0670094	-.018658	.0309204	40.25734	1.533599
Stddev	.0019749	.0014655	.0023575	.003774	.0033076	.23593	.002451
%RSD	1.209409	9.095886	3.518107	20.22725	10.69718	.5860567	.1598441
#1	.1610110	.0144269	.0678878	-.017160	.0279118	40.34314	1.535293
#2	.1644917	.0168127	.0688016	-.022950	.0344623	39.99052	1.530788
#3	.1643680	.0170942	.0643389	-.015862	.0303872	40.43836	1.534715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206602	.0219355	8.939254	.2019358	.2633017	.2852002	137.0337
Stddev	.0001122	.0001904	.050750	.0023024	.0012323	.0022784	.7262
%RSD	.5428249	.8678396	.5677248	1.140160	.4680074	.7988634	.5299495
#1	.0207676	.0220441	8.916158	.2031884	.2633369	.2826393	137.2460
#2	.0205438	.0217157	8.904160	.1992787	.2620523	.2859591	136.2250
#3	.0206691	.0220467	8.997445	.2033404	.2645161	.2870023	137.6300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.30046	24.24653	.2888277	.0115952	.2930394	.4400571	.3863817
Stddev	.06077	.11318	.0018380	.0003832	.1458105	.0043613	.0091816
%RSD	.4568721	.4667679	.6363776	3.304846	49.75800	.9910847	2.376312
#1	13.30310	24.13247	.2891456	.0120134	.1600510	.4427167	.3777202
#2	13.23842	24.24831	.2868514	.0115110	.4489555	.4350238	.3960074
#3	13.35987	24.35880	.2904860	.0112610	.2701117	.4424308	.3854174

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.933437	1.703954	.0667781	.0961174	.1527601	.9632004	.0007585
Stddev	.103466	.009203	.0001178	.0009561	.0017225	.0100066	.0006534
%RSD	1.492276	.5400959	.1764018	.9947651	1.127587	1.038890	86.14604
#1	7.002836	1.703684	.0668813	.0966987	.1513578	.9596092	.0013676
#2	6.814517	1.694889	.0668033	.0950138	.1522396	.9554850	.0008395
#3	6.982957	1.713289	.0666497	.0966396	.1546828	.9745070	.0000683

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2833-03DLX5 Acquired: 06/29/2024 20:37:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5J9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4885390	.0909072	.1226237
Stddev	.0039129	.0028249	.0009736
%RSD	.8009343	3.107487	.7940002
#1	.4883859	.0903991	.1229259
#2	.4847050	.0883707	.1215348
#3	.4925262	.0939516	.1234104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.305	31110.01	4224.934	1009.748	2705.098
Stddev	8.869	133.45	31.669	5.173	13.605
%RSD	.4822162	.4289577	.7495747	.5123318	.5029361
#1	1838.294	30957.94	4223.076	1011.506	2704.079
#2	1848.637	31207.63	4257.490	1003.925	2719.184
#3	1830.985	31164.45	4194.234	1013.814	2692.031

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2834-01DLX2 Acquired: 06/29/2024 20:42:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3893891	-.012865	.1576272	-.072679	.0105084	74.97187	1.021521
Stddev	.0046945	.001405	.0039011	.006524	.0013858	.71062	.009558
%RSD	1.205607	10.91886	2.474917	8.976136	13.18766	.9478438	.9356633
#1	.3886602	-.011928	.1549799	-.079661	.0097215	74.98429	1.018091
#2	.3851016	-.014480	.1557946	-.071639	.0096951	75.67618	1.032320
#3	.3944054	-.012188	.1621073	-.066738	.0121085	74.25512	1.014151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020985	.0064233	11.05142	.2154971	.1814249	.4508390	288.5182
Stddev	.0001645	.0002545	.09903	.0061669	.0015992	.0022060	2.7785
%RSD	7.838832	3.961893	.8960819	2.861689	.8814617	.4893177	.9630129
#1	.0019980	.0062424	11.01106	.2083784	.1802100	.4491495	288.5224
#2	.0022884	.0063133	11.16425	.2189032	.1808280	.4533347	291.2946
#3	.0020092	.0067143	10.97894	.2192097	.1832367	.4500327	285.7377

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.66211	46.45250	.2010881	-.006771	.7027938	.5419163	.5415044
Stddev	.16093	.47601	.0015873	.000823	.1204868	.0070757	.0079277
%RSD	1.027514	1.024727	.7893437	12.16024	17.14397	1.305679	1.464016
#1	15.63729	46.33867	.2004876	-.005848	.5739336	.5426984	.5385751
#2	15.83400	46.97510	.1998886	-.007034	.8126479	.5485685	.5504799
#3	15.51503	46.04372	.2028880	-.007430	.7217999	.5344821	.5354582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.37269	3.504774	.1336946	.0006856	.1938595	2.560708	.0005799
Stddev	.17286	.030723	.0047409	.0000622	.0078601	.021899	.0012780
%RSD	.8922987	.8765921	3.546070	9.077948	4.054542	.8551795	220.4019
#1	19.39226	3.492084	.1387430	.0007372	.1858012	2.546386	-.000886
#2	19.53494	3.482429	.1330036	.0007031	.1942721	2.585916	.001166
#3	19.19088	3.539809	.1293371	.0006165	.2015052	2.549821	.001459

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2834-01DLX2 Acquired: 06/29/2024 20:42:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.015321	.1721196	.1292968
Stddev	.009507	.0039705	.0014856
%RSD	.9363661	2.306807	1.149009
#1	1.011147	.1679070	.1291706
#2	1.026202	.1757928	.1308415
#3	1.008615	.1726589	.1278783

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1849.112	31581.91	4280.237	1025.620	2627.956
Stddev	7.609	852.40	37.492	26.273	11.266
%RSD	.4115172	2.699002	.8759215	2.561676	.4286968
#1	1854.458	32563.44	4293.251	1054.228	2633.657
#2	1852.478	31027.67	4237.972	1002.572	2635.233
#3	1840.400	31154.62	4309.487	1020.059	2614.979

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2834-02DLX2 Acquired: 06/29/2024 20:46:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4115925	-.013723	.1689094	-.075230	.0111947	77.41174	1.133394
Stddev	.0061266	.002618	.0022743	.003664	.0023684	1.04717	.016821
%RSD	1.488520	19.07712	1.346460	4.870047	21.15694	1.352723	1.484112
#1	.4180716	-.015889	.1677446	-.078140	.0137332	76.50752	1.114983
#2	.4108131	-.010814	.1715301	-.076434	.0090442	78.55908	1.147959
#3	.4058929	-.014465	.1674534	-.071115	.0108067	77.16862	1.137240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021276	.0069255	11.36472	.2248142	.1827086	.4628840	295.0316
Stddev	.0001501	.0002694	.13268	.0005594	.0002776	.0057885	4.0441
%RSD	7.054377	3.890448	1.167507	.2488496	.1519473	1.250521	1.370728
#1	.0021527	.0071724	11.21459	.2250116	.1824055	.4580601	291.2814
#2	.0022635	.0066381	11.46626	.2241828	.1827697	.4693027	299.3164
#3	.0019665	.0069660	11.41330	.2252482	.1829506	.4612893	294.4971

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.38181	47.93291	.2075408	-.007596	.9494932	.5519461	.5731276
Stddev	.24147	.82859	.0004434	.000432	.1846880	.0034478	.0112859
%RSD	1.389182	1.728652	.2136414	5.685725	19.45122	.6246572	1.969170
#1	17.14468	47.09697	.2071900	-.008090	.9995710	.5489314	.5609175
#2	17.62739	48.75395	.2080392	-.007408	.7449304	.5557053	.5752886
#3	17.37337	47.94780	.2073933	-.007289	1.103978	.5512016	.5831767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.12756	3.639254	.1362533	.0003143	.2106782	2.280894	.0011583
Stddev	.37969	.006271	.0050358	.0003618	.0054595	.029085	.0019654
%RSD	1.886432	.1723090	3.695943	115.1164	2.591400	1.275144	169.6886
#1	19.82879	3.642513	.1309797	.0007090	.2052576	2.256400	.0029081
#2	20.55483	3.643225	.1410117	-.000001	.2161759	2.313039	.0015348
#3	19.99908	3.632025	.1367685	.000235	.2106011	2.273241	-.000968

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2834-02DLX2 Acquired: 06/29/2024 20:46:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.008003	.1754071	.1371587
Stddev	.015426	.0032720	.0013956
%RSD	1.530353	1.865393	1.017523
#1	.991739	.1721345	.1361944
#2	1.022426	.1786786	.1387590
#3	1.009843	.1754082	.1365227

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.135	31252.41	4335.575	1018.176	2627.154
Stddev	1.982	53.62	48.331	2.552	3.365
%RSD	.1071203	.1715703	1.114754	.2505997	.1280765
#1	1852.423	31311.09	4387.495	1018.194	2624.308
#2	1848.930	31240.19	4291.891	1020.719	2626.285
#3	1849.053	31205.96	4327.340	1015.616	2630.867

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2834-01LDLX10 Acquired: 06/29/2024 20:51:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0807242	-.002872	.0299343	-.015539	.0003519	15.30650	.2101589
Stddev	.0037379	.000316	.0032303	.003542	.0006906	.09742	.0005981
%RSD	4.630456	10.99454	10.79124	22.79567	196.2428	.6364755	.2846001
#1	.0788309	-.003095	.0303053	-.018342	.0001061	15.27461	.2104047
#2	.0850299	-.003009	.0265345	-.016719	.0011318	15.41587	.2105949
#3	.0783117	-.002511	.0329631	-.011558	-.000182	15.22901	.2094770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004476	.0011290	2.282633	.0449789	.0357416	.0967728	60.96783
Stddev	.0000665	.0001017	.006090	.0008409	.0002061	.0024917	.10693
%RSD	14.85713	9.011167	.2667991	1.869465	.5767204	2.574778	.1753958
#1	.0004952	.0012321	2.286792	.0442034	.0355059	.0987420	60.96013
#2	.0004759	.0010286	2.275643	.0448606	.0358880	.0976047	61.07840
#3	.0003716	.0011265	2.285464	.0458726	.0358310	.0939715	60.86495

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.295131	9.463487	.0404410	-.001991	.0882474	.1156951	.1213542
Stddev	.004242	.039959	.0006224	.000302	.1924760	.0018292	.0053549
%RSD	.1287240	.4222418	1.539121	15.16655	218.1095	1.581078	4.412616
#1	3.291054	9.505737	.0404935	-.002039	-.077015	.1136341	.1151731
#2	3.299520	9.458422	.0397940	-.002265	.042180	.1171260	.1245886
#3	3.294819	9.426302	.0410356	-.001667	.299577	.1163252	.1243008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.834966	.6777379	.0290600	-.000075	.0414334	.5385867	.0008861
Stddev	.029095	.0002616	.0001741	.000528	.0123829	.0013715	.0006474
%RSD	.7586731	.0385981	.5991561	707.0932	29.88623	.2546414	73.06028
#1	3.804299	.6774419	.0290595	.000133	.0321976	.5374840	.0008113
#2	3.838417	.6778339	.0288861	-.000675	.0555043	.5401224	.0002794
#3	3.862181	.6779379	.0292343	.000318	.0365982	.5381537	.0015677

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2834-01LDLX10 Acquired: 06/29/2024 20:51:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2078038	.0474265	.0265668
Stddev	.0010101	.0009888	.0001568
%RSD	.4860721	2.084933	.5903391
#1	.2066822	.0485683	.0265286
#2	.2080875	.0468625	.0267392
#3	.2086416	.0468487	.0264325

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.981	30708.70	4141.907	1001.840	2782.393
Stddev	3.778	56.43	2.767	1.959	7.177
%RSD	.2071272	.1837631	.0668083	.1955305	.2579506
#1	1825.340	30773.81	4140.215	999.750	2789.986
#2	1826.891	30673.95	4140.405	1002.135	2781.474
#3	1819.711	30678.33	4145.100	1003.635	2775.720

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161695BL Acquired: 06/29/2024 20:59:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS695 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029708	.0008274	-.000387	-.004234	-.001014	.0075360	.0012151
Stddev	.0022239	.0009317	.000683	.003554	.000916	.0065636	.0006295
%RSD	74.85857	112.6150	176.5060	83.94233	90.39199	87.09687	51.80830
#1	.0054553	.0000525	-.000034	-.006988	-.002042	.0097858	.0014859
#2	.0011665	.0018612	-.001175	-.005493	-.000282	.0126790	.0016641
#3	.0022904	.0005685	.000047	-.000222	-.000718	.0001433	.0004955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000308	.0000137	-.000567	-.000565	.0001004	.0060429	.0245080
Stddev	.0000666	.0000880	.007328	.000860	.0000245	.0026112	.0063245
%RSD	215.9461	640.6320	1291.953	152.1933	24.37993	43.21041	25.80588
#1	.0000171	-.000088	-.008687	-.000716	.0001243	.0030420	.0173744
#2	-.000028	.000070	.001431	.000360	.0001014	.0077967	.0267210
#3	.000103	.000059	.005554	-.001340	.0000754	.0072900	.0294287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006514	.0268672	-.000168	-.000164	-.078641	.0012080	-.003790
Stddev	.0001425	.0171099	.000598	.000113	.073846	.0031294	.002227
%RSD	21.87566	63.68319	356.4458	68.67424	93.90277	259.0496	58.76524
#1	.0007018	.0137508	.000273	-.000151	-.083778	.0010972	-.003825
#2	.0004906	.0462207	.000072	-.000283	-.002360	-.001864	-.001545
#3	.0007619	.0206301	-.000849	-.000058	-.149784	.004391	-.005999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.142928	.0021433	.0007237	.0001491	.0022276	-.001965	.0000089
Stddev	.041656	.0007892	.0002031	.0002060	.0053497	.000746	.0012351
%RSD	29.14505	36.82019	28.06756	138.1465	240.1504	37.96916	13916.01
#1	-.125343	.0016981	.0005154	-.000024	-.003130	-.001104	.0013847
#2	-.112948	.0030545	.0009212	.000095	.002243	-.002396	-.001004
#3	-.190494	.0016773	.0007343	.000377	.007569	-.002396	-.000354

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: PB161695BL Acquired: 06/29/2024 20:59:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS695 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000962	.0102145	-.000142
Stddev	.001311	.0013010	.000092
%RSD	136.2867	12.73660	65.20518
#1	.000479	.0117166	-.000244
#2	-.001282	.0094775	-.000064
#3	-.002083	.0094494	-.000118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1803.107	30710.33	4098.620	999.9376	2855.580
Stddev	4.067	133.35	1.758	5.2360	4.796
%RSD	.2255291	.4342147	.0428870	.5236344	.1679359
#1	1805.706	30633.00	4098.115	994.2492	2861.046
#2	1805.195	30864.31	4100.575	1001.008	2853.612
#3	1798.421	30633.68	4097.170	1004.556	2852.081

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161695BS Acquired: 06/29/2024 21:04:24 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: LCS695 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153324	.0485278	.0181649	.0603581	.1088477	.3639619	.3971693
Stddev	.0029721	.0021680	.0011558	.0050832	.0006605	.0114154	.0009933
%RSD	19.38440	4.467506	6.362579	8.421768	.6068273	3.136434	.2500973
#1	.0124053	.0470165	.0169559	.0617606	.1082949	.3761113	.3980778
#2	.0183475	.0510118	.0182801	.0547209	.1095791	.3623150	.3973215
#3	.0152442	.0475551	.0192587	.0645929	.1086690	.3534593	.3961087

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103002	.0099258	10.00125	.0207169	.0901332	.0524759	.2011703
Stddev	.0001041	.0000732	.01179	.0004031	.0004505	.0016478	.0050604
%RSD	1.010573	.7373907	.1179233	1.945657	.4997709	3.140130	2.515464
#1	.0101812	.0099024	10.01251	.0202750	.0905312	.0522447	.1953622
#2	.0103745	.0098671	10.00224	.0208111	.0902242	.0509559	.2046279
#3	.0103448	.0100078	9.98899	.0210645	.0896442	.0542271	.2035208

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293101	9.029022	.0750364	.0188997	9.801825	.0986152	.0915893
Stddev	.0006605	.034182	.0005552	.0005374	.095462	.0010945	.0060298
%RSD	2.253413	.3785845	.7399075	2.843502	.9739248	1.109923	6.583527
#1	.0291812	9.058414	.0746590	.0190978	9.691799	.0990243	.0846534
#2	.0287236	9.037142	.0747763	.0182914	9.862656	.0973751	.0955855
#3	.0300256	8.991511	.0756739	.0193100	9.851019	.0994464	.0945289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.260390	.0155886	.0019661	.1073608	.1642658	.4918738	.0125387
Stddev	.009169	.0041000	.0005114	.0002972	.0056765	.0009354	.0001606
%RSD	.0990166	26.30103	26.01333	.2767979	3.455669	.1901654	1.280522
#1	9.270977	.0130974	.0018754	.1071037	.1630445	.4915887	.0123619
#2	9.255183	.0133477	.0025168	.1072926	.1704535	.4929186	.0126754
#3	9.255009	.0203206	.0015061	.1076862	.1592993	.4911142	.0125789

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: PB161695BS Acquired: 06/29/2024 21:04:24 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: LCS695 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1895959	.0705134	.1958507
Stddev	.0020675	.0019798	.0010988
%RSD	1.090452	2.807718	.5610466
#1	.1874560	.0718386	.1948802
#2	.1915823	.0682375	.1970438
#3	.1897495	.0714641	.1956283

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.555	30230.16	4110.630	981.7247	2789.117
Stddev	3.468	71.84	9.629	1.1304	5.794
%RSD	.1932779	.2376542	.2342540	.1151489	.2077411
#1	1798.403	30312.57	4103.733	981.8028	2795.749
#2	1791.669	30180.72	4106.525	980.5572	2785.039
#3	1793.593	30197.18	4121.631	982.8141	2786.562

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2811-06 Acquired: 06/29/2024 21:08:54 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4X2 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4921366	-.022333	.3669223	-.095480	.0246772	146.2423
Stddev	.0048242	.002553	.0024377	.006590	.0032877	.2243
%RSD	.9802487	11.43031	.6643722	6.901903	13.32287	.1533977
#1	.4970006	-.022415	.3681660	-.098698	.0258773	146.0122
#2	.4920558	-.019740	.3684873	-.099843	.0271963	146.2542
#3	.4873533	-.024844	.3641135	-.087899	.0209581	146.4604

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.241924	.0059578	.0131517	68.39576	.1427134	.1837600
Stddev	.002206	.0001960	.0003236	.12940	.0003352	.0006010
%RSD	.1775873	3.289247	2.460260	.1891963	.2349033	.3270561
#1	1.239832	.0057317	.0131738	68.34564	.1429179	.1839742
#2	1.241713	.0060641	.0134636	68.29891	.1423265	.1842245
#3	1.244228	.0060777	.0128176	68.54272	.1428958	.1830812

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4677509	358.2924	7.491177	66.51546	.2006195	-.010538
Stddev	.0009587	.7878	.022015	.34506	.0021375	.001025
%RSD	.2049481	.2198661	.2938833	.5187675	1.065470	9.729996
#1	.4688473	357.9893	7.487657	66.26168	.2026435	-.010379
#2	.4673348	357.7012	7.471134	66.37634	.2008310	-.009601
#3	.4670706	359.1867	7.514740	66.90837	.1983841	-.011633

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.624213	.5979101	1.223682	24.89695	F 13.40427	.1645279
Stddev	.151189	.0008013	.006133	.19453	.10909	.0016817
%RSD	9.308454	.1340221	.5011959	.7813270	.8138520	1.022162
#1	1.513333	.5976306	1.220571	24.67561	13.44716	.1662116
#2	1.796432	.5988138	1.230747	24.97447	13.48540	.1628481
#3	1.562873	.5972860	1.219729	25.04076	13.28025	.1645241

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Sample Name: P2811-06 Acquired: 06/29/2024 21:08:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4X2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001150	3.396146	7.225691	-.003230	2.090298	.2271198
Stddev	.000028	.031939	.074062	.001392	.009189	.0020550
%RSD	2.413589	.9404559	1.024976	43.10608	.4396095	.9048188
#1	-.001147	3.394840	7.229836	-.002236	2.084457	.2266373
#2	-.001124	3.428718	7.149644	-.002632	2.085547	.2253489
#3	-.001179	3.364880	7.297593	-.004821	2.100890	.2293731

Elem	Sr4077
Units	ppm
Avg	.2588169
Stddev	.0011804
%RSD	.4560732
#1	.2577636
#2	.2585944
#3	.2600927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.254	35063.35	4874.228	1135.623	2581.831
Stddev	10.690	254.34	12.091	6.824	17.687
%RSD	.5171221	.7253782	.2480631	.6009416	.6850641
#1	2062.190	35060.31	4869.120	1134.298	2574.872
#2	2060.037	34810.55	4888.035	1129.558	2568.681
#3	2079.535	35319.20	4865.529	1143.013	2601.939

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-01A Acquired: 06/29/2024 21:13:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD4L1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8039456	.0352725	.3661055	-.026595	.0114588	137.6712
Stddev	.0107443	.0013489	.0032453	.001239	.0008410	.6728
%RSD	1.336442	3.824217	.8864388	4.658684	7.339777	.4886943
#1	.8004854	.0366844	.3697273	-.027083	.0118410	138.1815
#2	.8159936	.0351361	.3651274	-.025186	.0120409	137.9234
#3	.7953578	.0339970	.3634617	-.027515	.0104945	136.9088

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.150163	.0056836	.0087980	102.3178	.1241518	.1913942
Stddev	.004576	.0001563	.0002786	.3305	.0001607	.0021937
%RSD	.3978827	2.749503	3.166513	.3230263	.1294719	1.146149
#1	1.153573	.0057116	.0091196	102.4763	.1243294	.1938189
#2	1.151954	.0055152	.0086420	102.5393	.1241095	.1895473
#3	1.144962	.0058240	.0086324	101.9379	.1240164	.1908163

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9901647	324.4026	8.271487	67.84550	.2070181	-.011262
Stddev	.0034482	1.3350	.027599	.25555	.0012005	.000355
%RSD	.3482473	.4115327	.3336585	.3766707	.5798749	3.155885
#1	.9898370	325.4907	8.295741	68.01344	.2063877	-.010871
#2	.9937650	324.8042	8.277262	67.97166	.2062643	-.011350
#3	.9868919	322.9129	8.241458	67.55140	.2084024	-.011565

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.558867	.5595329	1.588310	15.53240	F 13.91188	.1469984
Stddev	.223684	.0026286	.007169	.09207	.05112	.0012834
%RSD	14.34917	.4697914	.4513808	.5927610	.3674814	.8730573
#1	1.501211	.5565359	1.587217	15.58322	13.96450	.1483294
#2	1.805735	.5606147	1.581751	15.58786	13.86240	.1468973
#3	1.369654	.5614480	1.595964	15.42612	13.90872	.1457686

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2821-01A Acquired: 06/29/2024 21:13:15 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: MYD4L1A Custom ID2: Custom ID3:

Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000491	1.304841	8.239877	-.004099	1.308934	.2084664
Stddev	.000447	.015828	.028378	.001203	.007998	.0006944
%RSD	91.03562	1.213031	.3444005	29.35867	.6110521	.3330889
#1	-.000838	1.314607	8.272357	-.004091	1.316816	.2080827
#2	.000013	1.286579	8.219879	-.005307	1.309162	.2080486
#3	-.000648	1.313337	8.227396	-.002900	1.300824	.2092680

Elem	Sr4077
Units	ppm
Avg	.2352583
Stddev	.0012356
%RSD	.5252174
#1	.2362405
#2	.2356634
#3	.2338710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.124	34715.20	4836.273	1128.496	2565.656
Stddev	5.732	170.37	19.929	12.049	6.513
%RSD	.2785167	.4907512	.4120693	1.067677	.2538428
#1	2058.181	34794.07	4842.648	1142.006	2562.530
#2	2063.827	34519.69	4813.936	1118.865	2573.143
#3	2052.363	34831.84	4852.233	1124.616	2561.296

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-01A Acquired: 06/29/2024 21:17:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4907123	.0342720	.2978281	.0066668	.0014070	87.43068
Stddev	.0133902	.0039080	.0023210	.0072925	.0042983	.43556
%RSD	2.728719	11.40276	.7793141	109.3856	305.4954	.4981768
#1	.5054157	.0307818	.2972771	.0062784	-.003548	87.92907
#2	.4792188	.0335399	.2958321	-.000424	.003637	87.23993
#3	.4875025	.0384942	.3003750	.014146	.004132	87.12304

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.199392	.0047471	.0063751	52.19290	.1213122	.1275029
Stddev	.003354	.0000734	.0001774	.22561	.0003503	.0007261
%RSD	.2796367	1.545900	2.782306	.4322641	.2887985	.5695155
#1	1.203122	.0048312	.0062575	52.44863	.1212853	.1282843
#2	1.198430	.0047146	.0062886	52.10809	.1209760	.1268489
#3	1.196624	.0046956	.0065791	52.02199	.1216751	.1273753

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9914543	179.4618	5.241530	41.22631	.1836392	-.006123
Stddev	.0073322	.7155	.025104	.11844	.0008138	.000318
%RSD	.7395420	.3986892	.4789378	.2872933	.4431574	5.188758
#1	.9998287	180.2736	5.269991	41.35781	.1827101	-.005968
#2	.9883454	178.9227	5.232062	41.19310	.1839815	-.006489
#3	.9861887	179.1892	5.222537	41.12801	.1842260	-.005914

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.765620	1.226571	.4111159	15.53407	F 10.44862	.0949616
Stddev	.196468	.004098	.0089451	.15129	.02316	.0013147
%RSD	11.12741	.3341312	2.175819	.9739400	.2216537	1.384505
#1	1.591479	1.225309	.4130382	15.70424	10.46975	.0959830
#2	1.726770	1.223252	.4013659	15.41478	10.42386	.0934782
#3	1.978610	1.231152	.4189436	15.48317	10.45225	.0954236

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2822-01A Acquired: 06/29/2024 21:17:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H2A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017188	.6578001	6.105259	-.001977	1.247391	.1635373
Stddev	.0008523	.0027052	.043452	.000596	.006277	.0011179
%RSD	49.58738	.4112523	.7117148	30.14619	.5031995	.6836032
#1	.0025962	.6608050	6.141354	-.002177	1.254181	.1647374
#2	.0016661	.6555587	6.117394	-.002446	1.241800	.1625253
#3	.0008940	.6570366	6.057030	-.001306	1.246192	.1633493

Elem	Sr4077
Units	ppm
Avg	.3208378
Stddev	.0015837
%RSD	.4936148
#1	.3226424
#2	.3201919
#3	.3196792

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2233.581	37763.51	5212.726	1222.379	2617.850
Stddev	4.882	164.85	32.124	2.881	6.319
%RSD	.2185945	.4365239	.6162697	.2356491	.2413655
#1	2233.113	37679.04	5175.679	1220.735	2611.705
#2	2238.680	37953.47	5229.635	1225.705	2624.329
#3	2228.949	37658.02	5232.864	1220.697	2617.515

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2823-01A Acquired: 06/29/2024 21:21:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1079778	-.001828	.2250458	.0485246	.0106854	47.65581	.4079704
Stddev	.0044696	.003879	.0007431	.0002282	.0013603	.24327	.0016212
%RSD	4.139408	212.2666	.3301967	.4701997	12.73065	.5104818	.3973737
#1	.1042109	.002214	.2242453	.0487504	.0114305	47.67648	.4082742
#2	.1129166	-.005521	.2251784	.0485293	.0091153	47.40286	.4062188
#3	.1068058	-.002175	.2257136	.0482942	.0115104	47.88809	.4094182

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015854	.0017618	25.64237	1.815527	.0706960	.0741519	78.59659
Stddev	.0001688	.0000887	.07264	.005791	.0003845	.0039633	.38701
%RSD	10.64666	5.032967	.2832644	.3189728	.5438325	5.344851	.4923960
#1	.0014870	.0017286	25.70013	1.812902	.0702867	.0767620	78.88352
#2	.0014888	.0018623	25.56082	1.811512	.0710496	.0695914	78.15643
#3	.0017803	.0016945	25.66617	1.822165	.0707516	.0761024	78.74981

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.678192	45.75686	.8134074	-.002064	.4989273	.1185468	.2514350
Stddev	.007826	.12743	.0046463	.000196	.3230141	.0045330	.0060919
%RSD	.1378187	.2784954	.5712107	9.508232	64.74171	3.823811	2.422839
#1	5.680399	45.64880	.8086387	-.001932	.1880315	.1168055	.2453562
#2	5.669500	45.72441	.8179207	-.002289	.8328296	.1151426	.2575399
#3	5.684677	45.89738	.8136626	-.001970	.4759208	.1236923	.2514090

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.463095	2.040208	.0386791	-.000904	.3101407	3.429394	.0001487
Stddev	.070823	.011629	.0016793	.000188	.0078980	.017769	.0012301
%RSD	1.586861	.5699671	4.341526	20.79359	2.546583	.5181328	827.1179
#1	4.391590	2.031886	.0391285	-.000934	.3011759	3.448284	-.000713
#2	4.464478	2.053494	.0368208	-.000703	.3160730	3.413014	.001557
#3	4.533216	2.035242	.0400879	-.001076	.3131733	3.426883	-.000398

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2823-01A Acquired: 06/29/2024 21:21:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5X1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5131229	.1269082	.1135244
Stddev	.0043477	.0046576	.0007785
%RSD	.8473027	3.670061	.6857916
#1	.5108444	.1315179	.1135124
#2	.5103881	.1270025	.1127520
#3	.5181363	.1222041	.1143090

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.352	31109.66	4297.540	1002.834	2668.185
Stddev	4.216	120.65	14.265	6.616	7.576
%RSD	.2315955	.3878149	.3319235	.6596947	.2839206
#1	1825.091	31248.81	4281.667	1004.147	2676.330
#2	1817.017	31045.98	4301.664	995.661	2661.349
#3	1818.949	31034.20	4309.288	1008.695	2666.876

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2824-01A Acquired: 06/29/2024 21:26:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6346901	.0538952	.4708805	-.057772	.0283015	184.4810
Stddev	.0057783	.0018485	.0021496	.005281	.0025660	1.2882
%RSD	.9104122	3.429836	.4564983	9.140705	9.066704	.6982744
#1	.6289915	.0538016	.4703787	-.060121	.0299334	183.1523
#2	.6345337	.0520953	.4690262	-.061471	.0253438	185.7244
#3	.6405450	.0557888	.4732366	-.051724	.0296273	184.5663

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.881165	.0040682	.0156722	44.43766	1.708105	.4071972
Stddev	.018577	.0002189	.0004466	.20846	.005389	.0010675
%RSD	.4786456	5.380152	2.849346	.4691074	.3155085	.2621669
#1	3.860097	.0041725	.0155931	44.23577	1.708520	.4063683
#2	3.895192	.0038167	.0152705	44.65212	1.702520	.4068214
#3	3.888205	.0042156	.0161530	44.42508	1.713274	.4084018

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7670955	532.7484	F 67.73746	117.1060	.5245966	-.015196
Stddev	.0058518	2.4475	.26621	.2860	.0004615	.000056
%RSD	.7628483	.4594121	.3929969	.2442221	.0879724	.3702001
#1	.7656435	531.0992	67.50590	116.9141	.5248597	-.015261
#2	.7735365	535.5606	68.02831	117.4347	.5240637	-.015161
#3	.7621064	531.5855	67.67816	116.9692	.5248663	-.015167

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.677471	1.099870	1.206050	41.93748	F 10.24396	.2450194
Stddev	.298114	.009146	.019823	.27161	.01070	.0071533
%RSD	17.77161	.8315535	1.643645	.6476613	.1044849	2.919500
#1	1.925229	1.091624	1.199606	41.63856	10.24341	.2396801
#2	1.760555	1.109708	1.228294	42.16914	10.23354	.2531470
#3	1.346629	1.098279	1.190251	42.00474	10.25493	.2422310

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2824-01A Acquired: 06/29/2024 21:26:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5K5A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026817	1.657719	5.514933	-.002244	2.451773	.4197063
Stddev	.0011196	.019619	.026227	.001903	.018772	.0013687
%RSD	41.74832	1.183491	.4755721	84.83406	.7656484	.3261116
#1	.0039499	1.680298	5.523549	-.002509	2.431587	.4188872
#2	.0018304	1.644832	5.485481	-.004001	2.468705	.4189453
#3	.0022648	1.648027	5.535769	-.000222	2.455028	.4212864

Elem	Sr4077
Units	ppm
Avg	.4583096
Stddev	.0034297
%RSD	.7483421
#1	.4547227
#2	.4615568
#3	.4586493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.713	30985.53	4409.502	994.0350	2390.423
Stddev	4.155	51.66	9.929	2.2728	3.116
%RSD	.2279549	.1667126	.2251692	.2286431	.1303667
#1	1822.276	31023.63	4417.947	995.7060	2389.409
#2	1827.069	30926.74	4411.996	991.4470	2393.920
#3	1818.794	31006.23	4398.565	994.9521	2387.940

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2825-01A Acquired: 06/29/2024 21:30:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7133283	-.014176	.3552492	.0081463	.0048145	102.1925
Stddev	.0013579	.000820	.0045839	.0063864	.0013098	.4635
%RSD	.1903617	5.786032	1.290334	78.39634	27.20447	.4535875
#1	.7121288	-.013966	.3499602	.0107329	.0042988	102.4784
#2	.7148026	-.015080	.3577129	.0008724	.0063037	101.6577
#3	.7130535	-.013481	.3580744	.0128337	.0038411	102.4415

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.071540	.0039221	.0101547	58.97423	.1144743	.1259261
Stddev	.001352	.0000856	.0002331	.17440	.0010025	.0003150
%RSD	.1261854	2.182288	2.295065	.2957279	.8757040	.2501400
#1	1.073035	.0038926	.0098978	59.03823	.1134617	.1259011
#2	1.070401	.0038551	.0102137	58.77686	.1144950	.1256244
#3	1.071186	.0040185	.0103525	59.10758	.1154663	.1262529

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.086561	215.9685	6.021987	56.85441	.1640306	-.005408
Stddev	.003754	1.0606	.019923	.28212	.0003026	.000498
%RSD	.3454530	.4910750	.3308348	.4962165	.1844796	9.213786
#1	1.086001	216.2880	6.025227	56.92752	.1641555	-.005087
#2	1.083119	214.7848	6.000644	56.54294	.1636855	-.005154
#3	1.090563	216.8325	6.040092	57.09279	.1642508	-.005982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9954815	.3104668	2.481712	26.54397	F 15.62483	.1074507
Stddev	.1473538	.0044176	.031769	.14097	.04391	.0018571
%RSD	14.80227	1.422876	1.280143	.5310843	.2810308	1.728349
#1	.8530606	.3140154	2.484328	26.54773	15.58041	.1057772
#2	.9860672	.3055191	2.512093	26.40115	15.62588	.1071262
#3	1.147317	.3118659	2.448716	26.68302	15.66821	.1094487

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2825-01A Acquired: 06/29/2024 21:30:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD542A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001544	1.957857	5.630084	-.000982	.8861403	.1633080
Stddev	.000241	.015725	.059302	.001559	.0031800	.0014385
%RSD	15.63643	.8031676	1.053314	158.6893	.3588576	.8808668
#1	-.001311	1.939868	5.640203	-.002122	.8868602	.1621166
#2	-.001793	1.964716	5.566374	.000794	.8826621	.1649061
#3	-.001528	1.968988	5.683676	-.001619	.8888986	.1629013

Elem	Sr4077
Units	ppm
Avg	.1757423
Stddev	.0008314
%RSD	.4730949
#1	.1753153
#2	.1752112
#3	.1767005

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.676	33191.47	4654.063	1064.818	2547.621
Stddev	5.723	88.65	43.397	3.807	4.820
%RSD	.2946161	.2670853	.9324568	.3575427	.1892050
#1	1942.891	33292.65	4649.970	1065.961	2550.878
#2	1948.289	33127.44	4699.361	1060.570	2549.901
#3	1936.848	33154.33	4612.857	1067.922	2542.084

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2826-01A Acquired: 06/29/2024 21:35:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8152576	-.013658	.2994486	.0099859	.0090447	90.99872
Stddev	.0092900	.001985	.0013622	.0045522	.0010305	.15411
%RSD	1.139520	14.53119	.4549058	45.58622	11.39332	.1693495
#1	.8069123	-.013880	.2997682	.0073831	.0086566	90.97346
#2	.8252673	-.015523	.3006226	.0073323	.0102128	91.16389
#3	.8135931	-.011572	.2979550	.0152423	.0082646	90.85880

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.016688	.0040495	.0118634	41.80170	.0881996	.1248375
Stddev	.004863	.0000303	.0002922	.06709	.0011348	.0004670
%RSD	.4783429	.7490137	2.463235	.1604914	1.286647	.3740880
#1	1.013911	.0040146	.0115281	41.75408	.0890137	.1246170
#2	1.022303	.0040649	.0120640	41.87843	.0869033	.1253739
#3	1.013849	.0040691	.0119981	41.77260	.0886818	.1245216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6060401	220.4548	6.661316	47.23321	.1411474	-.005252
Stddev	.0079432	.5422	.017960	.07878	.0005061	.000147
%RSD	1.310678	.2459526	.2696094	.1667794	.3585389	2.791148
#1	.6054967	220.2422	6.650002	47.14373	.1409539	-.005379
#2	.6142411	221.0711	6.682025	47.26382	.1407665	-.005286
#3	.5983825	220.0511	6.651923	47.29209	.1417216	-.005092

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9967534	.3173434	.9707894	27.66938	F 12.15649	.1076272
Stddev	.1424195	.0037720	.0020144	.04592	.02316	.0023544
%RSD	14.28834	1.188625	.2074979	.1659609	.1904825	2.187573
#1	1.134372	.3137821	.9686615	27.64233	12.18313	.1057530
#2	1.005913	.3212957	.9710398	27.72240	12.14127	.1102699
#3	.849975	.3169525	.9726668	27.64342	12.14505	.1068588

Reviewed
By:mohammad
On:6/30/2024 4:35:54 AM
Inst Id :P5

Sample Name: P2826-01A Acquired: 06/29/2024 21:35:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD546A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017021	.6274264	4.781057	-.001280	1.209655	.1416279
Stddev	.0003402	.0062613	.039148	.001043	.003066	.0010563
%RSD	19.98564	.9979358	.8188228	81.46600	.2534914	.7458457
#1	.0020937	.6204271	4.787172	-.000118	1.209390	.1408716
#2	.0015324	.6324948	4.739211	-.002133	1.212845	.1411773
#3	.0014800	.6293573	4.816788	-.001590	1.206729	.1428348

Elem	Sr4077
Units	ppm
Avg	.1397137
Stddev	.0001092
%RSD	.0781289
#1	.1396132
#2	.1396981
#3	.1398298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.508	33139.28	4602.917	1067.550	2558.297
Stddev	1.584	122.84	32.701	1.552	2.002
%RSD	.0817552	.3706804	.7104373	.1453792	.0782580
#1	1935.685	33276.79	4618.250	1069.085	2557.797
#2	1938.296	33040.39	4625.135	1065.982	2560.501
#3	1938.544	33100.65	4565.367	1067.583	2556.592

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-01A Acquired: 06/29/2024 21:39:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2773182	.0312968	.7587468	-.011327	.0193888	168.1643
Stddev	.0025253	.0016971	.0042321	.005183	.0011837	.5522
%RSD	.9106034	5.422587	.5577730	45.76048	6.105023	.3283962
#1	.2801312	.0331254	.7545814	-.008692	.0180450	168.5888
#2	.2765767	.0297723	.7630426	-.007990	.0198447	168.3643
#3	.2752466	.0309928	.7586162	-.017298	.0202768	167.5400

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.959920	.0068530	.0145113	90.94546	.8790607	.1887728
Stddev	.002243	.0001109	.0002000	.10606	.0053382	.0007627
%RSD	.1144219	1.618932	1.378392	.1166179	.6072639	.4040593
#1	1.959726	.0067499	.0143733	91.04198	.8804331	.1879992
#2	1.957781	.0068385	.0144199	90.96247	.8731702	.1887951
#3	1.962253	.0069704	.0147407	90.83192	.8835787	.1895242

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.715126	315.1183	7.283411	70.81163	.3146216	-.006806
Stddev	.005346	.9414	.016995	.20002	.0010816	.000337
%RSD	.3116778	.2987535	.2333393	.2824707	.3437813	4.957943
#1	1.715594	316.1943	7.302214	71.04164	.3146826	-.006921
#2	1.720222	314.7146	7.278875	70.71482	.3135107	-.006426
#3	1.709561	314.4461	7.269145	70.67844	.3156713	-.007070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.093360	.5387059	3.400187	35.03259	F 14.22580	.1787548
Stddev	.084518	.0025800	.040425	.42265	.02562	.0031580
%RSD	4.037410	.4789272	1.188910	1.206438	.1801123	1.766675
#1	2.180267	.5398554	3.443611	35.32599	14.23083	.1794743
#2	2.088357	.5405113	3.363644	35.22363	14.19804	.1752991
#3	2.011454	.5357509	3.393306	34.54815	14.24854	.1814910

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2828-01A Acquired: 06/29/2024 21:39:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5H3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018466	7.029538	5.030810	-.000226	1.727638	.2681988
Stddev	.0006271	.031938	.012454	.000639	.003175	.0042315
%RSD	33.96008	.4543459	.2475630	283.1112	.1837647	1.577752
#1	.0012146	7.004079	5.044630	.000070	1.729988	.2713848
#2	.0024686	7.019159	5.020453	.000212	1.728901	.2633976
#3	.0018565	7.065375	5.027348	-.000958	1.724026	.2698142

Elem	Sr4077
Units	ppm
Avg	.6005319
Stddev	.0050162
%RSD	.8352995
#1	.6019576
#2	.6046810
#3	.5949572

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.326	34568.92	4877.489	1107.523	2503.225
Stddev	1.137	48.53	35.931	4.046	2.472
%RSD	.0563916	.1403898	.7366619	.3653481	.0987351
#1	2015.570	34565.85	4869.705	1106.475	2503.549
#2	2015.774	34521.99	4846.088	1104.103	2505.518
#3	2017.634	34618.91	4916.673	1111.990	2500.607

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2829-08A Acquired: 06/29/2024 21:43:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5160370	.0229621	.3600341	-.047060	.0262878	151.7748	8.295593
Stddev	.0144390	.0026687	.0054858	.006500	.0006541	.8078	.021991
%RSD	2.798062	11.62219	1.523681	13.81155	2.488321	.5322206	.2650951
#1	.5323585	.0254297	.3540726	-.040665	.0260556	152.6905	8.320747
#2	.5108242	.0233268	.3648694	-.053660	.0257814	151.1635	8.286027
#3	.5049282	.0201298	.3611602	-.046856	.0270263	151.4702	8.280005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046013	.0162890	34.33084	1.154898	.2235939	3.634057	421.6539
Stddev	.0001652	.0001209	.13781	.000979	.0002638	.022427	1.7344
%RSD	3.590649	.7421338	.4014195	.0847973	.1179657	.6171278	.4113391
#1	.0045163	.0162234	34.46465	1.154971	.2234932	3.659843	423.5693
#2	.0047917	.0162152	34.33851	1.153884	.2238931	3.619097	420.1895
#3	.0044959	.0164286	34.18935	1.155838	.2233952	3.623232	421.2029

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.49147	95.70766	.4581832	-.011762	1.531287	3.097174	2.451259
Stddev	.04099	.40336	.0014612	.000649	.270353	.019835	.004370
%RSD	.2343244	.4214461	.3189142	5.518015	17.65525	.6404177	.1782722
#1	17.53867	96.17127	.4574156	-.012191	1.297467	3.116085	2.449059
#2	17.46480	95.51447	.4598683	-.011015	1.827324	3.076529	2.456292
#3	17.47095	95.43722	.4572658	-.012079	1.469070	3.098909	2.448427

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.52660	6.350125	.2006453	-.001821	.5082691	2.882671	-.000609
Stddev	.11853	.009046	.0037278	.000464	.0045387	.006005	.000426
%RSD	.4643495	.1424487	1.857883	25.46539	.8929772	.2083149	69.93992
#1	25.65599	6.350125	.2044007	-.002342	.5051272	2.886080	-.001101
#2	25.42326	6.359170	.1969458	-.001454	.5134727	2.875737	-.000367
#3	25.50055	6.341079	.2005895	-.001667	.5062073	2.886196	-.000359

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2829-08A Acquired: 06/29/2024 21:43:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5T9A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.419042	.3135522	.4008442
Stddev	.006845	.0002487	.0025775
%RSD	.4823505	.0793054	.6430198
#1	1.426117	.3135021	.4036579
#2	1.412454	.3138222	.3985973
#3	1.418554	.3133325	.4002772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.865	32828.73	4606.806	1059.468	2584.534
Stddev	2.775	59.56	3.545	1.029	3.009
%RSD	.1428427	.1814277	.0769500	.0971609	.1164293
#1	1939.661	32831.13	4603.659	1060.528	2581.275
#2	1944.542	32887.05	4610.646	1058.473	2587.207
#3	1944.391	32768.01	4606.113	1059.402	2585.119

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2830-01A Acquired: 06/29/2024 21:48:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3374925	.0394961	.3895876	.0059247	.0096642	85.66244
Stddev	.0021621	.0022987	.0044210	.0050001	.0022238	.11509
%RSD	.6406266	5.820028	1.134800	84.39306	23.01114	.1343569
#1	.3378433	.0376737	.3944115	.0057213	.0072673	85.76783
#2	.3394577	.0387360	.3857289	.0010295	.0100647	85.67986
#3	.3351765	.0420785	.3886223	.0110234	.0116605	85.53963

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045545	.0037288	.0112634	42.60798	.0799872	.1212918
Stddev	.001069	.0000407	.0001092	.02138	.0007313	.0007343
%RSD	.1021960	1.090686	.9693757	.0501758	.9142887	.6054341
#1	1.044351	.0037758	.0113209	42.62059	.0793816	.1212616
#2	1.046409	.0037053	.0111375	42.58330	.0807997	.1205731
#3	1.045876	.0037053	.0113317	42.62006	.0797805	.1220408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4932590	219.0672	5.709152	43.13416	.1374696	-.005494
Stddev	.0069559	.4736	.012276	.22533	.0007399	.000190
%RSD	1.410200	.2161964	.2150273	.5223976	.5382570	3.457618
#1	.4960438	219.4828	5.718923	43.24407	.1371070	-.005621
#2	.4853421	219.1674	5.713160	43.28344	.1369809	-.005585
#3	.4983911	218.5516	5.695373	42.87496	.1383209	-.005276

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.060605	.3620315	2.620340	25.76436	F 10.60823	.1100230
Stddev	.228141	.0005562	.025904	.03603	.04303	.0005981
%RSD	21.51046	.1536284	.9885924	.1398394	.4056266	.5436462
#1	1.323930	.3623985	2.591460	25.79177	10.65134	.1096211
#2	.922372	.3613916	2.641526	25.72355	10.56528	.1107104
#3	.935513	.3623046	2.628035	25.77775	10.60807	.1097375

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2830-01A Acquired: 06/29/2024 21:48:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD573A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005487	1.545520	4.866055	-.002391	1.217167	.1327713
Stddev	.0005127	.004181	.026139	.000945	.003271	.0028039
%RSD	93.42582	.2705531	.5371638	39.52767	.2687264	2.111848
#1	.0010987	1.540701	4.885858	-.001974	1.220809	.1296495
#2	.0004636	1.547672	4.875879	-.003473	1.214480	.1350756
#3	.0000840	1.548188	4.836428	-.001726	1.216212	.1335889

Elem	Sr4077
Units	ppm
Avg	.1560845
Stddev	.0001549
%RSD	.0992435
#1	.1559791
#2	.1562623
#3	.1560120

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.422	33530.82	4655.253	1083.101	2624.385
Stddev	2.577	195.29	9.861	1.787	4.018
%RSD	.1306489	.5824220	.2118158	.1649614	.1530949
#1	1974.118	33630.08	4644.868	1083.803	2620.487
#2	1973.691	33656.55	4664.488	1084.431	2628.513
#3	1969.457	33305.84	4656.403	1081.070	2624.157

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2831-01A Acquired: 06/29/2024 21:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.307503	.0184666	.2948652	-.073993	.0234521	151.7855	1.339339
Stddev	.010742	.0039695	.0020634	.009449	.0018097	.4173	.006798
%RSD	.8215308	21.49556	.6997708	12.76974	7.716430	.2749577	.5075595
#1	1.299147	.0150169	.2924848	-.063172	.0239075	151.4513	1.336857
#2	1.319619	.0228052	.2961425	-.078198	.0249906	152.2533	1.347029
#3	1.303742	.0175777	.2959684	-.080610	.0214582	151.6519	1.334130

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038080	.0126421	44.16962	.5308950	.3471899	1.947405	519.9449
Stddev	.0001563	.0002611	.21980	.0192053	.0004253	.007766	2.4096
%RSD	4.103820	2.064984	.4976344	3.617536	.1224876	.3987835	.4634250
#1	.0037293	.0124187	44.09946	.5093900	.3466991	1.942391	518.8683
#2	.0037068	.0125785	44.41594	.5463374	.3474491	1.956351	522.7051
#3	.0039880	.0129291	43.99347	.5369576	.3474214	1.943474	518.2614

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.18169	96.43919	.5071595	-.015223	1.651171	1.325599	.6701096
Stddev	.07140	.40295	.0018351	.002626	.152880	.003245	.0251983
%RSD	.5861384	.4178323	.3618411	17.24723	9.258857	.2448232	3.760324
#1	12.15252	96.28203	.5055987	-.012322	1.668395	1.325520	.6421648
#2	12.26305	96.89704	.5066986	-.017436	1.490408	1.328884	.6911011
#3	12.12948	96.13850	.5091811	-.015912	1.794709	1.322394	.6770630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.13334	6.783728	.2426013	-.002663	.8318618	3.989809	-.000456
Stddev	.17777	.008803	.0016317	.000664	.0017734	.037583	.000691
%RSD	.7684678	.1297636	.6725781	24.94969	.2131801	.9419672	151.6761
#1	22.92936	6.792325	.2419393	-.002469	.8309642	3.959561	-.001241
#2	23.25525	6.774733	.2444599	-.003403	.8339045	4.031882	-.000187
#3	23.21542	6.784126	.2414046	-.002118	.8307167	3.977985	.000061

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2831-01A Acquired: 06/29/2024 21:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5C5A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.8989084	.2598064	.2243108
Stddev	.0068997	.0011771	.0004484
%RSD	.7675695	.4530521	.1999171
#1	.8927112	.2594527	.2241753
#2	.9063432	.2611198	.2239457
#3	.8976709	.2588468	.2248113

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.874	33037.67	4588.952	1066.656	2538.169
Stddev	3.926	1095.28	22.167	30.643	3.306
%RSD	.2044044	3.315251	.4830582	2.872848	.1302324
#1	1919.970	34246.44	4597.938	1101.052	2534.482
#2	1925.174	32111.11	4563.703	1042.268	2540.869
#3	1917.479	32755.46	4605.216	1056.649	2539.155

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: P2832-01A Acquired: 06/29/2024 21:56:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3292682	-.016833	.6295430	-.007401	.0134041	138.2266
Stddev	.0037552	.001472	.0026193	.006049	.0033985	.3954
%RSD	1.140483	8.747179	.4160619	81.72798	25.35439	.2860476
#1	.3276344	-.015507	.6323089	-.012421	.0170636	138.6046
#2	.3335637	-.018417	.6271003	-.009098	.0103471	137.8159
#3	.3266067	-.016574	.6292199	-.000685	.0128016	138.2592

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.266640	.0045580	.0118193	120.6474	.4225535	.2441222
Stddev	.002684	.0001065	.0000478	.1361	.0010655	.0009742
%RSD	.2119217	2.336091	.4043567	.1128013	.2521576	.3990729
#1	1.267718	.0045035	.0117705	120.8028	.4224599	.2448811
#2	1.263584	.0044897	.0118212	120.5898	.4236628	.2430236
#3	1.268617	.0046807	.0118661	120.5495	.4215379	.2444619

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.135417	274.2996	6.004868	81.11138	.3933088	-.005674
Stddev	.017968	.4516	.015432	.34289	.0008000	.000513
%RSD	.4345014	.1646204	.2569979	.4227354	.2034104	9.035450
#1	4.152580	274.7811	6.022388	81.47136	.3930161	-.005334
#2	4.116739	273.8855	5.993287	80.78862	.3926963	-.006264
#3	4.136931	274.2322	5.998930	81.07415	.3942139	-.005425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.734704	.5507152	3.151789	16.64670	F 10.72170	.1437434
Stddev	.246529	.0034222	.022261	.00758	.00110	.0010547
%RSD	14.21161	.6214122	.7062856	.0455169	.0102274	.7337568
#1	2.015420	.5492740	3.148321	16.65152	10.72225	.1447067
#2	1.635283	.5482493	3.131465	16.63796	10.72044	.1426164
#3	1.553409	.5546223	3.175579	16.65060	10.72241	.1439071

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: P2832-01A Acquired: 06/29/2024 21:56:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD5E3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000445	2.828904	4.284041	.0294314	1.293441	.1949808
Stddev	.0004578	.009512	.024969	.0018968	.000464	.0003774
%RSD	1028.643	.3362329	.5828327	6.444789	.0359034	.1935509
#1	.0005504	2.839387	4.311216	.0307404	1.293555	.1951634
#2	-.000342	2.820825	4.278796	.0272562	1.293838	.1945469
#3	-.000075	2.826499	4.262112	.0302977	1.292931	.1952322

Elem	Sr4077
Units	ppm
Avg	.3356374
Stddev	.0020672
%RSD	.6159081
#1	.3373265
#2	.3333321
#3	.3362535

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.735	32694.06	4610.721	1057.041	2527.376
Stddev	1.313	53.07	25.139	5.264	.639
%RSD	.0681098	.1623351	.5452296	.4980042	.0252964
#1	1928.631	32718.13	4581.772	1054.832	2526.698
#2	1928.347	32633.21	4627.045	1063.050	2527.967
#3	1926.228	32730.82	4623.347	1053.242	2527.463

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCV099 Acquired: 06/29/2024 22:01:13 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCV099 Custom ID2: Custom ID3:

Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926195	4.747376	24.27889	4.738368	4.973740	394.6405	10.27002
Stddev	.044056	.020147	.09482	.013176	.008613	4.6035	.08213
%RSD	.8943276	.4243723	.3905321	.2780699	.1731730	1.166508	.7996899
#1	4.875718	4.724147	24.17016	4.723434	4.964537	392.1621	10.22815
#2	4.945955	4.757884	24.32216	4.748350	4.981608	399.9523	10.36464
#3	4.956912	4.760095	24.34437	4.743321	4.975077	391.8073	10.21726

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5043696	2.521017	396.7757	15.19727	2.463714	14.83733	380.3452
Stddev	.0012843	.010312	3.6067	.03073	.009124	.20008	3.7172
%RSD	.2546365	.4090555	.9090010	.2022226	.3703543	1.348472	.9773114
#1	.5034835	2.509930	394.3682	15.18125	2.453318	14.70831	377.7732
#2	.5058425	2.522797	400.9224	15.23271	2.467428	15.06781	384.6071
#3	.5037829	2.530323	395.0363	15.17787	2.470396	14.73587	378.6553

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.17472	374.8158	2.449123	1.294541	400.0793	2.432919	14.03179
Stddev	.12162	3.8744	.011783	.006642	3.2701	.024023	.11687
%RSD	.8579936	1.033691	.4811024	.5130809	.8173540	.9874039	.8328916
#1	14.09152	372.5145	2.435835	1.286871	398.5776	2.418498	13.92271
#2	14.31429	379.2890	2.458299	1.298382	403.8305	2.460650	14.15514
#3	14.11834	372.6439	2.453235	1.298369	397.8299	2.419608	14.01751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	155.5106	4.988834	4.906566	4.827285	4.982731	5.086644	5.005404
Stddev	1.6326	.019365	.034105	.010874	.018212	.012161	.018496
%RSD	1.049861	.3881631	.6950797	.2252704	.3654977	.2390727	.3695161
#1	154.5423	4.967078	4.884716	4.814832	4.961745	5.081003	4.987640
#2	157.3956	4.995237	4.945864	4.834905	4.994392	5.100601	5.004018
#3	154.5940	5.004186	4.889117	4.832119	4.992057	5.078328	5.024554

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCV099 Acquired: 06/29/2024 22:01:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV099 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.851605	5.100730	4.882460
Stddev	.065128	.007726	.019478
%RSD	1.342404	.1514642	.3989348
#1	4.814903	5.100458	4.899087
#2	4.926801	5.108589	4.861030
#3	4.813109	5.093145	4.887262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1453.770	25815.04	3827.753	796.9941	2046.479
Stddev	2.437	124.51	11.841	5.1118	4.390
%RSD	.1676658	.4823169	.3093566	.6413883	.2145134
#1	1455.880	25946.36	3840.815	797.1464	2051.539
#2	1451.102	25800.09	3824.725	802.0281	2043.688
#3	1454.328	25698.68	3817.720	791.8079	2044.209

Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5

Sample Name: CCB099 Acquired: 06/29/2024 22:05:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB099 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018923	.0003559	.0005494	.0014762	-.002548	.0977789	.0016515
Stddev	.0035326	.0005897	.0022484	.0043574	.002476	.0132008	.0005428
%RSD	186.6852	165.6854	409.2742	295.1741	97.13997	13.50065	32.86938
#1	-.002187	.0007194	.0011344	.0045888	.000282	.0976098	.0012476
#2	.003956	-.000324	-.001934	.0033435	-.003615	.0846634	.0014384
#3	.003907	.000673	.002447	-.003504	-.004312	.1110633	.0022686

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000165	.0001213	.0240837	.0016554	-.000148	.0019326	.0351255
Stddev	.0000703	.0000344	.0074250	.0006738	.000125	.0004886	.0163606
%RSD	425.9634	28.40285	30.83000	40.70558	85.06207	25.28225	46.57744
#1	.0000085	.0001587	.0175378	.0013323	-.000046	.0016356	.0281284
#2	.0000904	.0001140	.0321519	.0024299	-.000288	.0016656	.0234271
#3	-.000049	.0000910	.0225615	.0012039	-.000109	.0024965	.0538210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010333	.0073192	.0002837	.0000420	.0160896	.0012605	.0073128
Stddev	.0006235	.0106914	.0004448	.0001538	.2682518	.0023112	.0029485
%RSD	60.33916	146.0743	156.7832	366.5665	1667.236	183.3611	40.31952
#1	.0017186	.0091720	-.000009	-.000001	-.114277	-.000333	.0107115
#2	.0004993	-.004178	.000065	.000213	.324609	.000203	.0054389
#3	.0008821	.016963	.000795	-.000086	-.162063	.003911	.0057881

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3013348	.0016919	.0113135	.0003836	.0043039	-.002655	.0002488
Stddev	.0291867	.0017595	.0003973	.0002192	.0023167	.000694	.0004898
%RSD	9.685793	103.9949	3.511684	57.15598	53.82890	26.13599	196.8881
#1	.3151603	.0006417	.0114326	.0001518	.0068153	-.003407	.0005279
#2	.3210399	.0007108	.0116376	.0004114	.0022501	-.002041	-.000317
#3	.2678044	.0037231	.0108703	.0005877	.0038464	-.002516	.000535

Reviewed By:mohammad On:6/30/2024 4:35:54 AM Inst Id :P5

Sample Name: CCB099 Acquired: 06/29/2024 22:05:35 Type: Unk

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v631) Mode: CONC Corr. Factor: 1.000000

User: Kareem Custom ID1: CCB099 Custom ID2: Custom ID3:

Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0001252	.0131236	.0002606
Stddev	.0008419	.0008681	.0000934
%RSD	672.6925	6.614544	35.82334
#1	-.000652	.0138154	.0001953
#2	.000008	.0121496	.0002190
#3	.001020	.0134059	.0003676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.145	30703.54	4103.373	988.2496	2847.937
Stddev	.672	172.69	15.216	4.4788	1.659
%RSD	.0372897	.5624586	.3708209	.4532055	.0582702
#1	1800.889	30901.79	4106.095	993.2294	2848.699
#2	1801.907	30623.08	4086.980	986.9687	2849.079
#3	1800.640	30585.76	4117.045	984.5509	2846.034

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Prep Standard - Chemical Standard Summary

Order ID : P2825

Test : Metals CLP Full

Prepbatch ID : PB161708,

Sequence ID/Qc Batch ID: LB131456,

Standard ID :
MP80924,MP80925,MP80926,MP80927,MP80928,MP80931,MP80932,MP80933,MP80934,MP80935,MP80942,MP80944,
MP81026,MP81115,MP81119,MP81187,MP81208,MP81209,

Chemical ID :
M4877,M4883,M4885,M4888,M4889,M4960,M4961,M5130,M5192,M5200,M5223,M5224,M5227,M5272,M5288,M5289,M5
294,M5296,M5298,M5387,M5389,M5395,M5429,M5468,M5473,M5494,M5497,M5498,M5513,M5632,M5658,M5697,M5698
,M5747,M5754,M5768,M5769,M5798,M5799,M5800,M5801,M5815,M5817,M5818,M5819,M5875,M5895,M5915,M5935,M5
940,M5947,W2606,

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
902	ICP AES CAL BLK (SO/ICB/CCB)	MP80924	05/30/2024	06/30/2024	Sarabjit Jaswal	None	None	Mohan Bera 06/11/2024

FROM 125.00000ml of M5895 + 2350.00000ml of W2606 + 25.00000ml of M5915 = Final Quantity: 2500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1004	ICPAES ISM01.2 (S5)	MP80925	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 0.25000ml of M5798 + 0.50000ml of M5429 + 0.50000ml of M5473 + 0.50000ml of M5815 + 0.50000ml of M5817 + 12.50000ml of M5200 + 12.50000ml of M5288 + 12.50000ml of M5698 + 12.50000ml of M5819 + 13.75000ml of M5697 + 14.50000ml of M5289 + 14.50000ml of M5298 + 14.50000ml of M5658 + 2.00000ml of M5513 + 22.50000ml of M5498 + 22.50000ml of M5769 + 5.00000ml of M5272 + 5.00000ml of M5296 + 5.00000ml of M5395 + 5.00000ml of M5818 + 5.00000ml of M5875 + 318.50000ml of MP80924 = Final Quantity: 500.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1005	ICPAES ISM01.2(S4)	MP80926	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 50.00000ml of MP80924 + 50.00000ml of MP80925 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1007	ICPAES ISM01.2(S3)	MP80927	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 25.00000ml of MP80925 + 75.00000ml of MP80924 = 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
1008	ICPAES ISM01.2(S2)	MP80928	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 12.50000ml of MP80925 + 87.50000ml of MP80924 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2054	ICV-ICPAES	MP80931	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 10.00000ml of M5294 + 90.00000ml of MP80924 = 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
904	ICP AES ICSA SOLN	MP80932	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 10.00000ml of M5130 + 90.00000ml of MP80924 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
905	ICP AES ICSAB SOLN	MP80933	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 10.00000ml of M5130 + 10.00000ml of M5223 + 80.00000ml of MP80924 = 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
1119	ICPAES ISM01.2(CCV)	MP80934	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 12.25000ml of M5289 + 12.50000ml of M5200 + 12.50000ml of M5298 + 7.50000ml of M5498 + 7.50000ml of M5769 + 125.00000ml of MP80925 + 322.75000ml of MP80924 = Final Quantity: 500.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
2480	ICP AES STD 6 ISM01.3	MP80935	05/30/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/11/2024

FROM 8.00000ml of M5200 + 8.00000ml of M5289 + 8.00000ml of M5298 + 8.00000ml of M5498 + 8.00000ml of M5769 + 60.00000ml of MP80924 = 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
919	ICP AES INTERNAL STD	MP80942	05/30/2024	06/30/2024	Sarabjit Jaswal	None	None	Mohan Bera 06/11/2024

FROM 1.00000ml of M4961 + 10.00000ml of M4960 + 1969.00000ml of W2606 + 20.00000ml of M5915 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
903	ICP AES RINSE SOLN	MP80944	05/30/2024	06/30/2024	Sarabjit Jaswal	None	None	Mohan Bera 06/11/2024

FROM 200.00000ml of M5915 + 9800.00000ml of W2606 = Final Quantity: 10000.000 ml

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Metals STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
921	ICPAES SPIKE SOL#6	MP81026	06/10/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/13/2024

FROM 0.12500ml of M4883 + 1.25000ml of M5192 + 25.00000ml of M5754 + 23.62500ml of MP80924 = Final Quantity: 50.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3811	SE-10PPM	MP81115	06/17/2024	06/30/2024	Sarabjit Jaswal	None	None	Mohan Bera 06/21/2024

FROM 0.10000ml of M4883 + 9.90000ml of MP80924 = Final Quantity: 10.000 ml

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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
994	ICPAES ISM01.2 S1 (CONC.)	MP81187	06/25/2024	06/30/2024	Sarabjit Jaswal	None	None	Sohil Jodhani 06/28/2024

FROM 0.03000ml of M5429 + 0.10000ml of M4877 + 0.10000ml of M5798 + 0.14000ml of M5799 + 0.20000ml of M4885 + 0.20000ml of M5298 + 0.20000ml of M5473 + 0.20000ml of M5658 + 0.20000ml of M5747 + 0.20000ml of M5801 + 0.20000ml of M5815 + 0.30000ml of M5698 + 0.40000ml of M5289 + 0.50000ml of M4889 + 0.50000ml of M5697 + 0.70000ml of M4883 + 0.70000ml of M5224 + 0.80000ml of M5494 + 1.00000ml of M5192 + 1.00000ml of M5227 + 1.00000ml of M5800 + 1.20000ml of M5817 + 1.20000ml of M5819 + 10.00000ml of M5200 + 10.00000ml of M5288 + 10.00000ml of M5498 + 10.00000ml of M5768 + 10.00000ml of M5818 + 2.00000ml of M4888 + 4.00000ml of M5389 + 32.93000ml of MP80924 = 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
994	ICPAES ISM01.2 S1 (CONC.)	MP81208	06/25/2024	06/30/2024	Sarabjit Jaswal	None	METALS_PIPETTE_3 (A)	Mohan Bera 06/27/2024

FROM 0.02000ml of M5815 + 0.03000ml of M5429 + 0.10000ml of M4877 + 0.10000ml of M5798 + 0.14000ml of M5799 + 0.20000ml of M4885 + 0.20000ml of M5192 + 0.20000ml of M5298 + 0.20000ml of M5473 + 0.20000ml of M5658 + 0.20000ml of M5747 + 0.20000ml of M5801 + 0.20000ml of M5817 + 0.30000ml of M5698 + 0.40000ml of M5289 + 0.50000ml of M4889 + 0.50000ml of M5697 + 0.70000ml of M4883 + 0.80000ml of M5494 + 1.00000ml of M5227 + 1.00000ml of M5800 + 1.20000ml of M5224 + 1.20000ml of M5819 + 10.00000ml of M5200 + 10.00000ml of M5288 + 10.00000ml of M5468 + 10.00000ml of M5497 + 10.00000ml of M5818 + 2.00000ml of M4888 + 4.00000ml of M5387 + 34.41000ml of MP80924 = Final Quantity: 100.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
1003	ICPAES ISM01.2 S1	MP81209	06/25/2024	06/30/2024	Sarabjit Jaswal	None	None	Mohan Bera 06/27/2024

FROM 0.50000ml of MP81208 + 99.50000ml of MP80924 = Final Quantity: 100.000 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.	57048 / Cd, 1000 PPM, 125 ml	072821	07/28/2024	08/06/2021 / jaswal	08/05/2021 / jaswal	M4877

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	070221	07/02/2024	08/06/2021 / jaswal	08/05/2021 / jaswal	M4883

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	072921	07/29/2024	08/06/2021 / jaswal	08/05/2021 / jaswal	M4885

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	07/07/2024	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.	57081 / Tl, 1000 PPM, 125 ml	073021	07/30/2024	08/06/2021 / jaswal	08/05/2021 / jaswal	M4889

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CGIN10-5 / INDIUM 1 x 500 ml	100721	10/07/2024	10/09/2021 / jaswal	10/08/2021 / jaswal	M4960

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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.	58139 / Y, 10000 PPM, 500 ml	052521	06/25/2024	10/09/2021 / jaswal	01/25/2019 / jaswal	M4961

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART A / ICSA (ICP) STOCK SOLN	ICSA-1211	11/19/2024	05/20/2024 / bin	04/20/2021 / bin	M5130

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.	58111 / Na, 10000 PPM, 500 ml	092121	09/21/2024	06/23/2022 / bin	10/05/2021 / bin	M5200

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
EPA	PART B / ICSAB (ICP) STOCK SOLN	ICSB-0710	11/19/2024	05/20/2024 / bin	04/20/2021 / bin	M5223

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	101521	10/15/2024	06/29/2022 / bin	10/18/2021 / bin	M5224

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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.	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.	/ Antimony (Sb)	051822	05/18/2025	05/10/2023 / bin	08/24/2022 / jaswal	M5272

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	01/01/2025	12/13/2023 / bin	02/20/2020 / bin	M5294

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	Z9651Q / CHEM-CLP-4/.25L	S2-MEB711673	11/02/2026	09/19/2022 / jaswal	08/20/2022 / jaswal	M5296

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58126 / Fe, 10000 PPM, 500 ml	020422	02/04/2025	05/02/2023 / jaswal	06/15/2022 / jaswal	M5298

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	11/01/2022 / jaswal	09/18/2022 / jaswal	M5387

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	04/29/2024 / kareem	09/18/2022 / bin	M5389

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Inorganic Ventures	CLPP-CAL-3 / CLP CAL SOLUTION #3, 125mL	T2-MEB714159	01/13/2027	01/30/2024 / bin	09/19/2022 / bin	M5395

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57103 / Li, 10000 PPM, 125 ml	070622	07/06/2025	01/30/2023 / bin	01/26/2023 / bin	M5429

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	120922	12/09/2025	03/14/2023 / jaswal	03/14/2023 / jaswal	M5468

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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.	57028 / Ni, 1000 PPM, 125 ml	011223	01/12/2026	01/20/2023 / bin	01/19/2023 / bin	M5494

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	03/18/2023 / bin	03/17/2023 / bin	M5497

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58120 / Ca, 10000 PPM, 500 ml	031523	03/15/2026	08/15/2023 / jaswal	03/17/2023 / bin	M5498

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57182 / Pb, 10000 PPM, 125 ml	061522	06/15/2025	03/19/2023 / bin	03/17/2023 / bin	M5513

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	1403 / Hydrogen Peroxide, 30% 1 gal	820803	08/31/2024	01/03/2024 / bin	08/03/2022 / Al-Terek	M5632

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58024 / Chromium, Cr, 500 ml, 1000 PPM	060523	06/05/2026	08/28/2023 / jaswal	08/25/2023 / jaswal	M5658

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58029 / Cu, 1000 PPM, 500 ml	102523	10/25/2026	04/03/2024 / jaswal	10/27/2023 / jaswal	M5697

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58025 / Mn, 1000 PPM, 500 ml	102623	10/26/2026	04/18/2024 / jaswal	10/27/2023 / jaswal	M5698

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Lead (Pb) 1000PPM	100923	10/09/2026	05/20/2024 / Jaswal	12/20/2023 / jaswal	M5747

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	52166 / ICP-AES Spike sample water matrix (18 comp.)	112823	11/28/2026	05/01/2024 / jaswal	12/15/2023 / jaswal	M5754

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

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Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	58112 / Mg, 10000 PPM, 500 ml	091823	09/18/2026	05/24/2024 / Jaswal	01/03/2024 / bin	M5769

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57004 / Be, 1000 PPM, 125 ml	102523	10/25/2026	02/09/2024 / bin	02/09/2024 / bin	M5798

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57050 / Sn, 1000 PPM, 125 ml	071123	07/11/2026	02/09/2024 / bin	02/09/2024 / bin	M5799

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	57027 / CO, 1000 PPM, 125 ml	091923	09/19/2026	02/09/2024 / 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.	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.	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 #
Inorganic Ventures	CLPP-CAL-1 / CLP CAL SOLUTION #1, 125mL	T2-MEB714417	01/27/2027	04/19/2024 / jaswal	02/22/2024 / jaswal	M5875

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)	240415	11/06/2024	06/04/2024 / Al-Terek	05/07/2024 / Al-Terek	M5895

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	11/29/2024	05/30/2024 / Al-Terek	05/24/2024 / Al-Terek	M5915

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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 #
Seidler Chemical	BA-9598-34 / Nitric Acid, Instra-Analyzed (cs/4x2.5L)	24D1062002	12/20/2024	06/21/2024 / bin	06/18/2024 / Al-Terek	M5940

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)	22G2862015	12/27/2024	06/27/2024 / Al-Terek	06/23/2024 / Al-Terek	M5947

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

M5296 OP: 09/19/2022 BH

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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:	CHEM-CLP-4
Lot Number:	S2-MEB711673
Matrix:	3% (v/v) HNO3 3% (v/v) HF
Value / Analyte(s):	1 000 µg/mL ea: Boron, Molybdenum, Silicon, Tin, Titanium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Boron, B	**1 000 ± 6 µg/mL**	**Molybdenum, Mo**	**1 000 ± 6 µg/mL**
Silicon, Si	**1 000 ± 7 µg/mL**	**Tin, Sn**	**1 000 ± 6 µg/mL**
Titanium, Ti	**1 000 ± 7 µg/mL**		

Density: 1.030 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
B	ICP Assay	3107	110830
Mo	ICP Assay	3134	130418
Si	ICP Assay	3150	130912
Sn	ICP Assay	3161a	140917
Ti	ICP Assay	3162a	130925

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.

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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.

8.0 HAZARDOUS INFORMATION

- Please refer to the Safety Data Sheet for information regarding this CRM/RM.

9.0 HOMOGENEITY

- This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous. Homogeneity data indicate that the end user should take a minimum sample size of 0.2 mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration

- QSR Certificate Number QSR-1034

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories"

- Chemical Testing - Accredited / A2LA Certificate Number 883.01

10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

November 02, 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

- **November 02, 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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1.0 ACCREDITATION / REGISTRATION

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ACCREDITED Testing Laboratory Certificate 883.01
ACCREDITED Reference Material Producer Certificate 883.02

2.0 PRODUCT DESCRIPTION

Product Code:	Multi Analyte Custom Grade Solution
Catalog Number:	CLPP-CAL-1
Lot Number:	T2-MEB714417
Matrix:	5% (v/v) HNO3
Value / Analyte(s):	5 000 µg/mL ea: Calcium, Potassium, Magnesium, Sodium, 2 000 µg/mL ea: Aluminum, Barium, 1 000 µg/mL ea: Iron, 500 µg/mL ea: Nickel, Vanadium, Zinc, Cobalt, Manganese, 250 µg/mL ea: Silver, Copper, 200 µg/mL ea: Chromium, 50 µg/mL ea: Beryllium

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**	**Calcium, Ca**	**5 000 ± 22 µg/mL**
Chromium, Cr	**200.0 ± 1.0 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**
Magnesium, Mg	**5 000 ± 20 µg/mL**	**Manganese, Mn**	**500.0 ± 2.0 µg/mL**
Nickel, Ni	**500.0 ± 2.2 µg/mL**	**Potassium, K**	**5 000 ± 19 µg/mL**
Silver, Ag	**250.0 ± 1.1 µg/mL**	**Sodium, Na**	**5 000 ± 18 µg/mL**
Vanadium, V	**499.7 ± 2.2 µg/mL**	**Zinc, Zn**	**500.0 ± 2.2 µg/mL**

Density: 1.118 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
Ba	ICP Assay	3104a	140909
Ba	Gravimetric		See Sec. 4.2
Be	ICP Assay	3105a	090514
Be	Calculated		See Sec. 4.2
Ca	ICP Assay	3109a	130213
Ca	EDTA	928	928
Co	ICP Assay	3113	190630
Co	EDTA	928	928
Cr	ICP Assay	3112a	170630
Cr	Calculated		See Sec. 4.2
Cu	ICP Assay	3114	121207
Cu	EDTA	928	928
Fe	ICP Assay	3126a	140812
Fe	EDTA	928	928
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
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:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

- All thermometers are NIST traceable through thermometers that are calibrated by an accredited calibration laboratory.

4.2 Balance Calibration

- All analytical balances are calibrated by an accredited calibration laboratory and procedure. The weights used for testing are annually compared to master weights and are traceable to NIST.

4.3 Glassware Calibration

- An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM/RMs.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES (µg/mL)

N/A

6.0 INTENDED USE

- For the calibration of analytical instruments and validation of analytical methods as appropriate.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

7.1 Storage and Handling Recommendations

- Store between approximately 4° - 30° C while in sealed TCT bag.

- While stored in the sealed TCT bag, transpiration of this CRM/RM is negligible. After opening the sealed TCT bag transpiration of the CRM/RM will occur, resulting in a gradual increase in the analyte concentration(s). It is the responsibility of the user to account for this effect. When the bottle is weighed both before and after being placed in storage, the mass difference observed will be a measure of transpiration mass loss.

- After opening the sealed TCT bag, keep cap tightly sealed when not in use and store between 4° - 24° C to minimize the effects of transpiration. Use at 20° ± 4° C to minimize volumetric dilution error when using the reported density. Do not pipette from the container. Do not return removed aliquots to container.

- For more information, visit **www.inorganicventures.com/TCT**

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

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

January 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

- **January 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

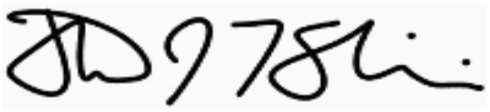
- Sealed TCT Bag Open Date: _____

- 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



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Refine your results. Redefine your industry.

Certificate of Analysis

300 Technology Drive
Christiansburg, VA 24073 USA
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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:	CLPP-CAL-3
Lot Number:	T2-MEB714159
Matrix:	7% (v/v) HNO3
Value / Analyte(s):	1 000 µg/mL ea: Arsenic, Lead, Selenium, Thallium, 500 µg/mL ea: Cadmium

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ANALYTE	CERTIFIED VALUE	ANALYTE	CERTIFIED VALUE
Arsenic, As	**1 000 ± 8 µg/mL**	**Cadmium, Cd**	**500.0 ± 2.1 µg/mL**
Lead, Pb	**1 000 ± 5 µg/mL**	**Selenium, Se**	**1 000 ± 8 µg/mL**
Thallium, Tl	**1 000 ± 7 µg/mL**		

Density: 1.043 g/mL (measured at 20 ± 4 ºC)

Assay Information:

ANALYTE	METHOD	NIST SRM#	SRM LOT#
As	ICP Assay	3103a	100818
Cd	ICP Assay	3108	130116
Cd	EDTA	928	928
Pb	ICP Assay	3128	101026
Pb	EDTA	928	928
Se	ICP Assay	3149	100901
Tl	ICP Assay	3158	151215

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.

912

Characterization of CRM/RM by Two or More Methods

Certified Value, $X_{CRM/RM}$, where two or more methods of characterization are used is the weighted mean of the results:

$X_{CRM/RM} = \Sigma(w_i)(X_i)$

X_i = mean of Assay Method i with standard uncertainty $u_{char\ i}$

w_i = the weighting factors for each method calculated using the inverse square of the variance:

$w_i = (1/u_{char\ i})^2 / (\Sigma(1/(u_{char\ i})^2)$

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char} = [\Sigma((w_i)^2\ (u_{char\ i})^2)]^{½}$ where $u_{char\ i}$ are the errors from each characterization method

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

Characterization of CRM/RM by One Method

Certified Value, $X_{CRM/RM}$, where one method of characterization is used is the mean of individual results:

$X_{CRM/RM} = (X_a)\ (u_{char\ a})$

X_a = mean of Assay Method A with

$u_{char\ a}$ = the standard uncertainty of characterization Method A

$CRM/RM\ Expanded\ Uncertainty\ (\pm) = U_{CRM/RM} = k\ (u^2_{char\ a} + u^2_{bb} + u^2_{lts} + u^2_{ts})^{½}$

k = coverage factor = 2

$u_{char\ a}$ = the errors from characterization

u_{bb} = bottle to bottle homogeneity standard uncertainty

u_{lts} = long term stability standard uncertainty (storage)

u_{ts} = transport stability standard uncertainty

4.0 TRACEABILITY TO NIST

- This product is traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM/RM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRM/RM are available, the term 'in-house std.' is specified.

4.1 Thermometer Calibration

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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

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7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

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10.3 ISO 17034 "General Requirements for the Competence of Reference Material Producers"

- Reference Material Producer - Accredited / A2LA Certificate Number 883.02

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11.0 CERTIFICATION, LOT EXPIRATION AND PERIOD OF VALIDITY

11.1 Certification Issue Date

January 13, 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

- **January 13, 2027**

- The date after which this CRM/RM should not be used.

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11.3 Period of Validity

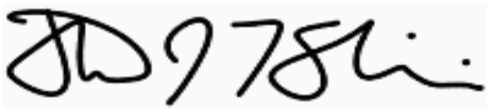
- Sealed TCT Bag Open Date: _____

- This CRM/RM should not be used longer than one year (or six months in the case of a 30 mL bottle) from the date of opening the aluminized bag or after the date given in Sec. 11.2, whichever comes first. This is contingent upon the CRM/RM being stored and handled in accordance with the instructions given in Sec. 7.1.

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Approved By:

Thomas Kozikowski
Manager, Quality Control



Certifying Officer:

Paul Gaines
Chairman / Senior Technical Director



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800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

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AR-1539 Certificate Number
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57048**	20370011	Nitric Acid	
Lot Number:	**072821**			
Description:	**Cadmium (Cd)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	072824			
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	

Giovanni Esposito

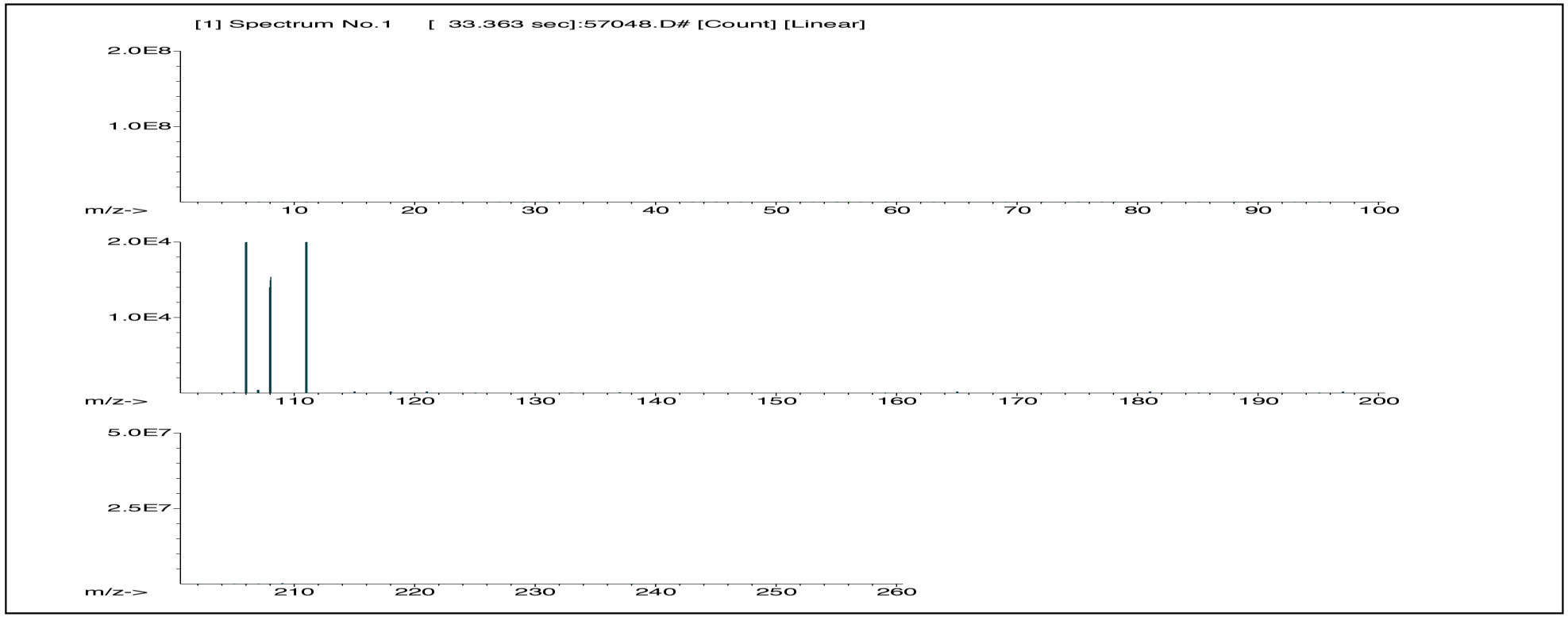
Formulated By:	Giovanni Esposito	072821

Pedro Rentas

Reviewed By:	Pedro L. Rentas	072821

915

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. Cadmium nitrate tetrahydrate (Cd)	58148	010920	0.1000	200.0	0.084	1000	10000.5	**1000.0**	**2.2**	10022-68-1	0.2 mg/m3	orl-rat 300 mg/kg	3108



916

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57034**	20370011	Nitric Acid	
Lot Number:	**070221**			
Description:	**Selenium (Se)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	070224			
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	

Giovanni Esposito

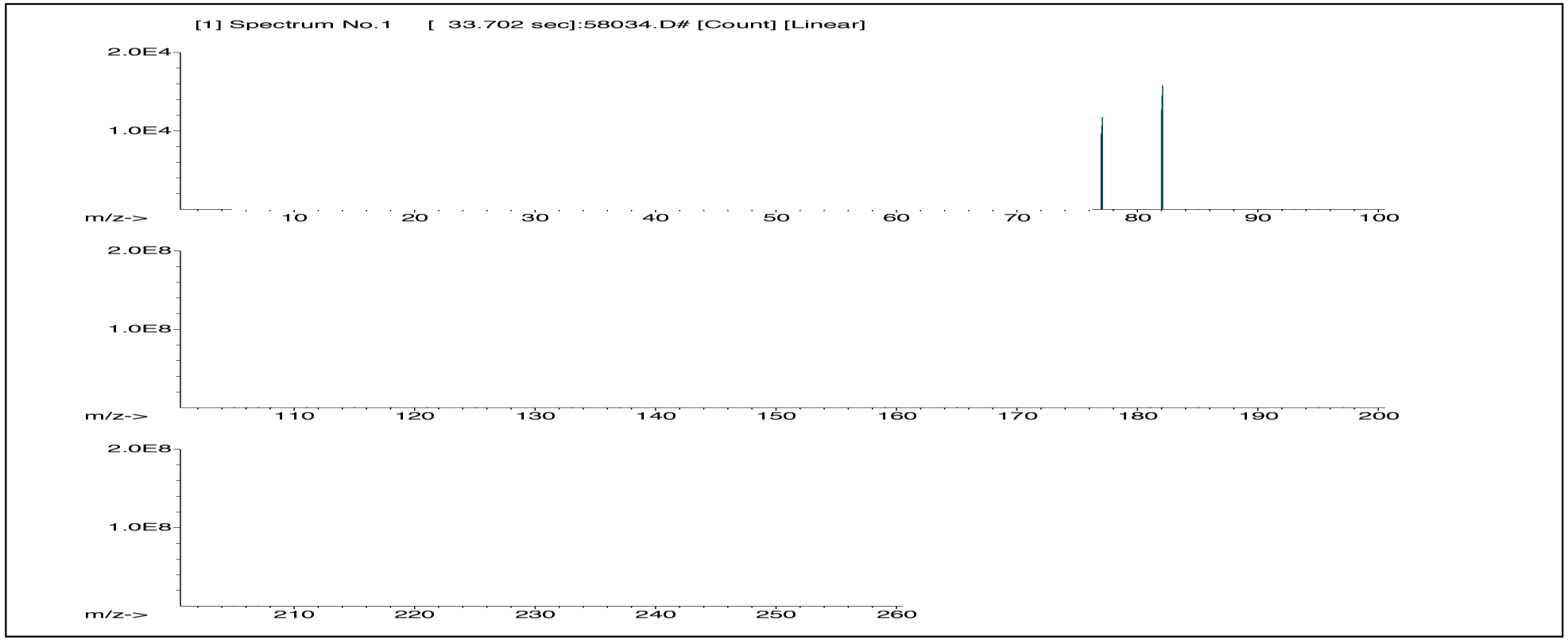
Formulated By:	Giovanni Esposito	070221

Pedro Rentas

Reviewed By:	Pedro L. Rentas	070221

917

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(IV) oxide (Se)	58134	021621	0.1000	200.0	0.084	1000	10000.2	**1000.0**	**2.2**	7446-08-4	0.2 mg/m3	orl-rat 68 mg/kg	3149



918

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	T	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
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Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57047**	20370011	Nitric Acid	
Lot Number:	**072921**			
Description:	**Silver (Ag)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	072924			
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	

Giovanni Esposito

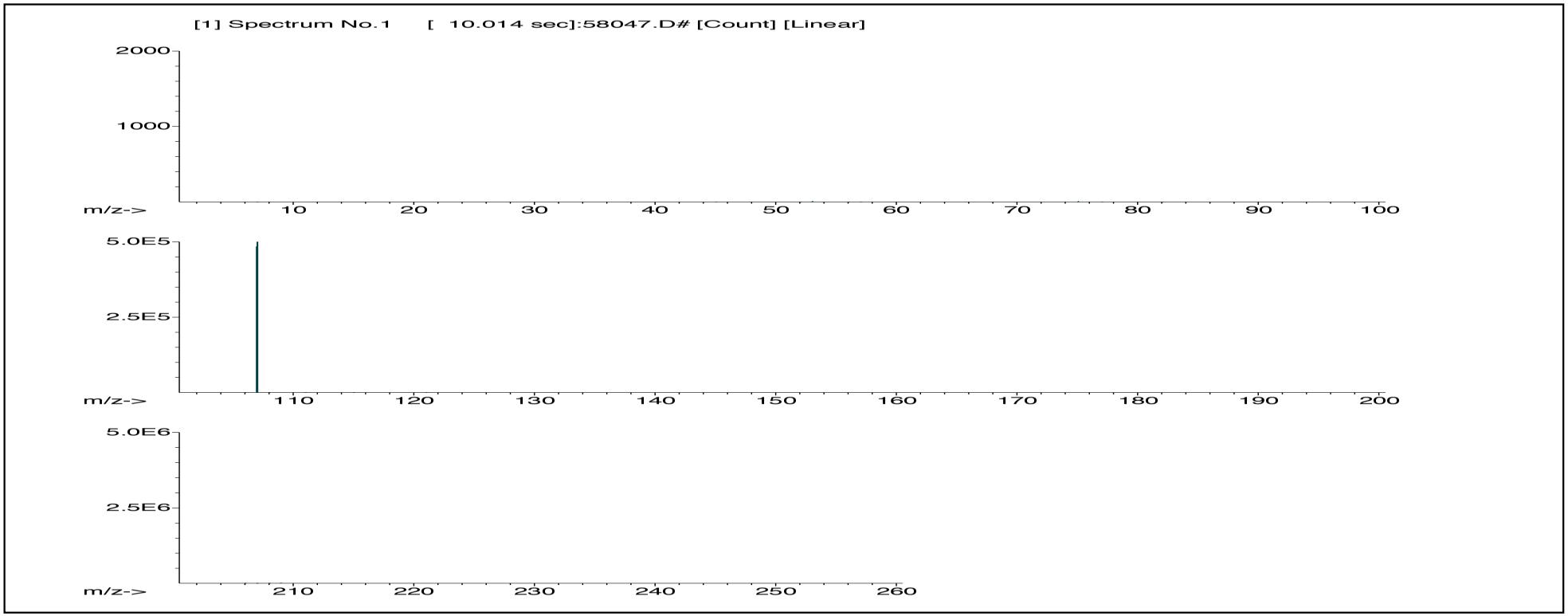
Formulated By:	Giovanni Esposito	072921

Pedro Rentas

Reviewed By:	Pedro L. Rentas	072921

919

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. Silver nitrate (Ag)	58147	010820	0.1000	200.0	0.084	1000	10000.4	**1000.0**	**2.2**	7761-88-8	10 ug/m3	N/A	3151



920

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
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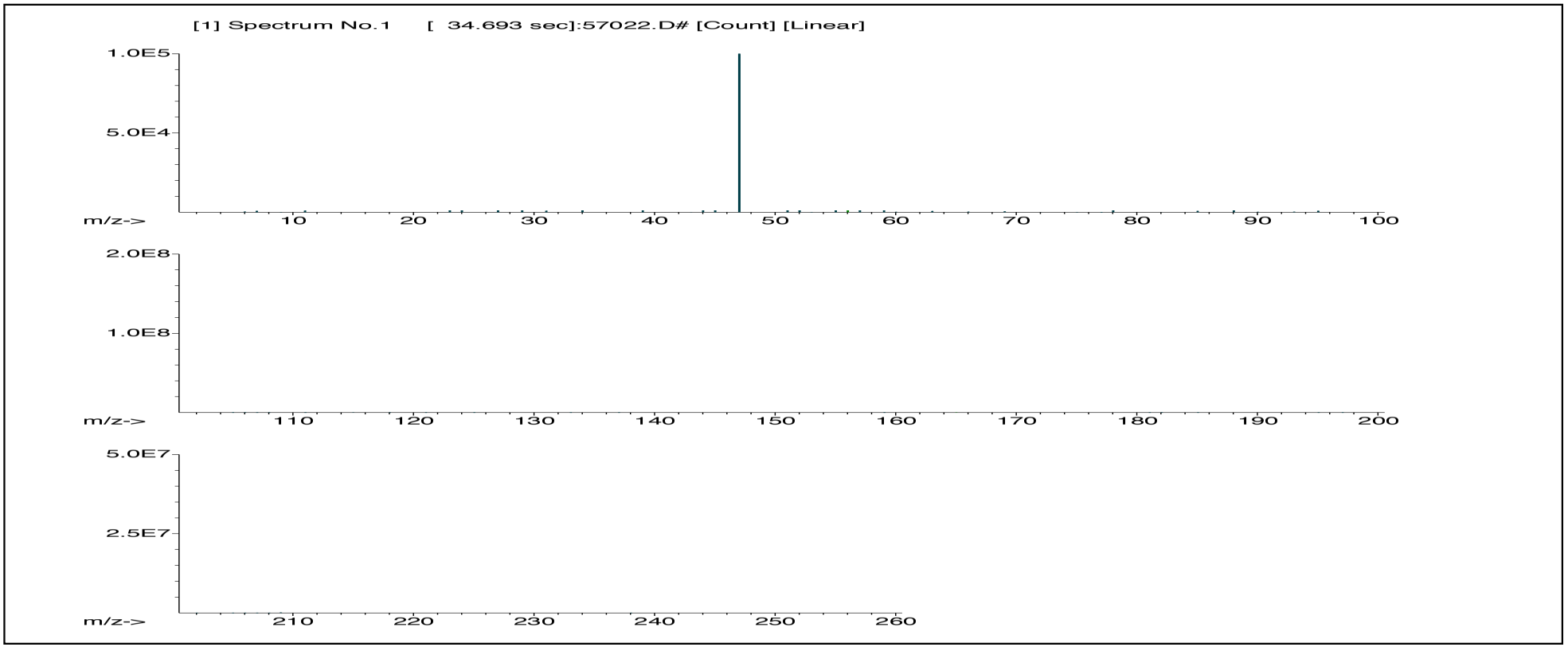
CERTIFIED WEIGHT REPORT:

		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 ºC)			
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

921

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette	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 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



922

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.
* 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:

		Lot #	Solvent:	
Part Number:	**57081**	20370011	Nitric Acid	
Lot Number:	**073021**			
Description:	**Thallium (Tl)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	073024			
Recommended Storage:	Ambient (20 ºC)			
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	

Giovanni Esposito

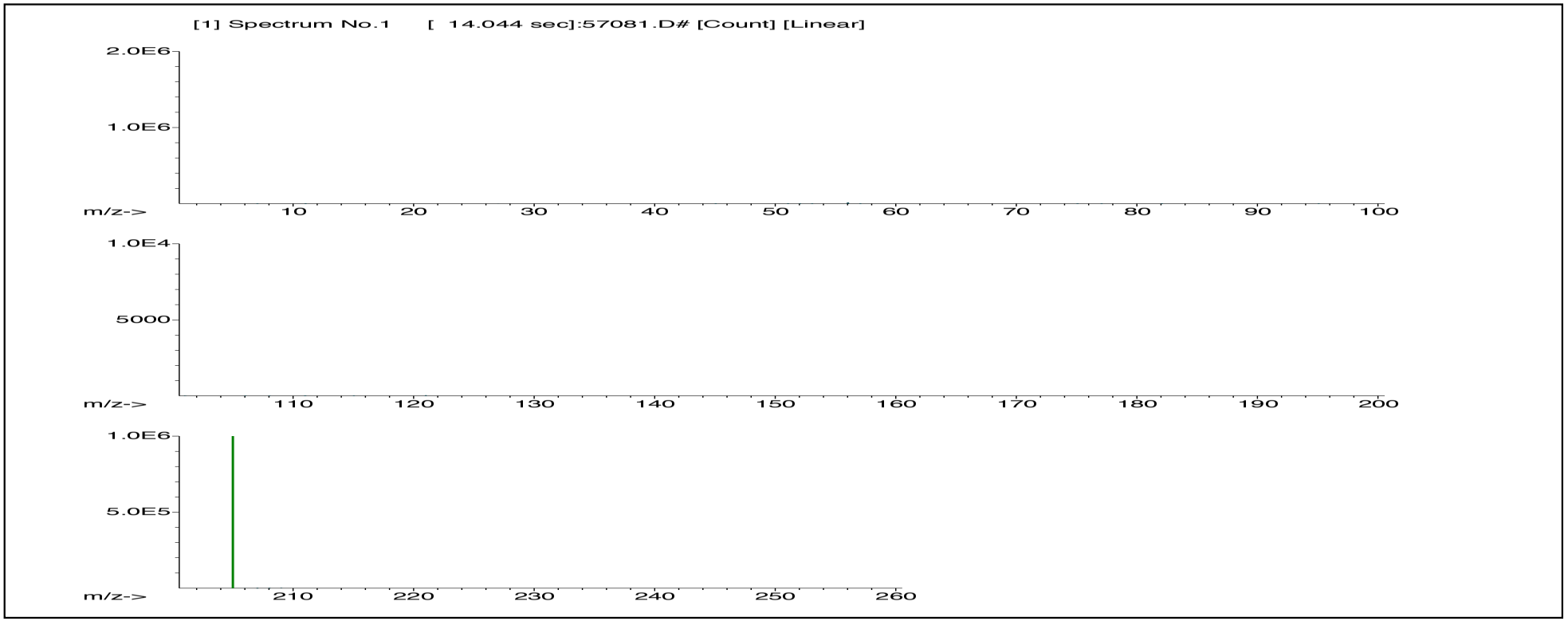
Formulated By:	Giovanni Esposito	073021

Pedro Rentas

Reviewed By:	Pedro L. Rentas	073021

923

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. Thallium (Tl)	58181	060920	0.1000	200.0	0.084	1000	10001.0	**1000.0**	**2.2**	7440-28-0	0.1 mg/m3	orl-rat 6700 mg/kg	3158



924

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	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).

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925

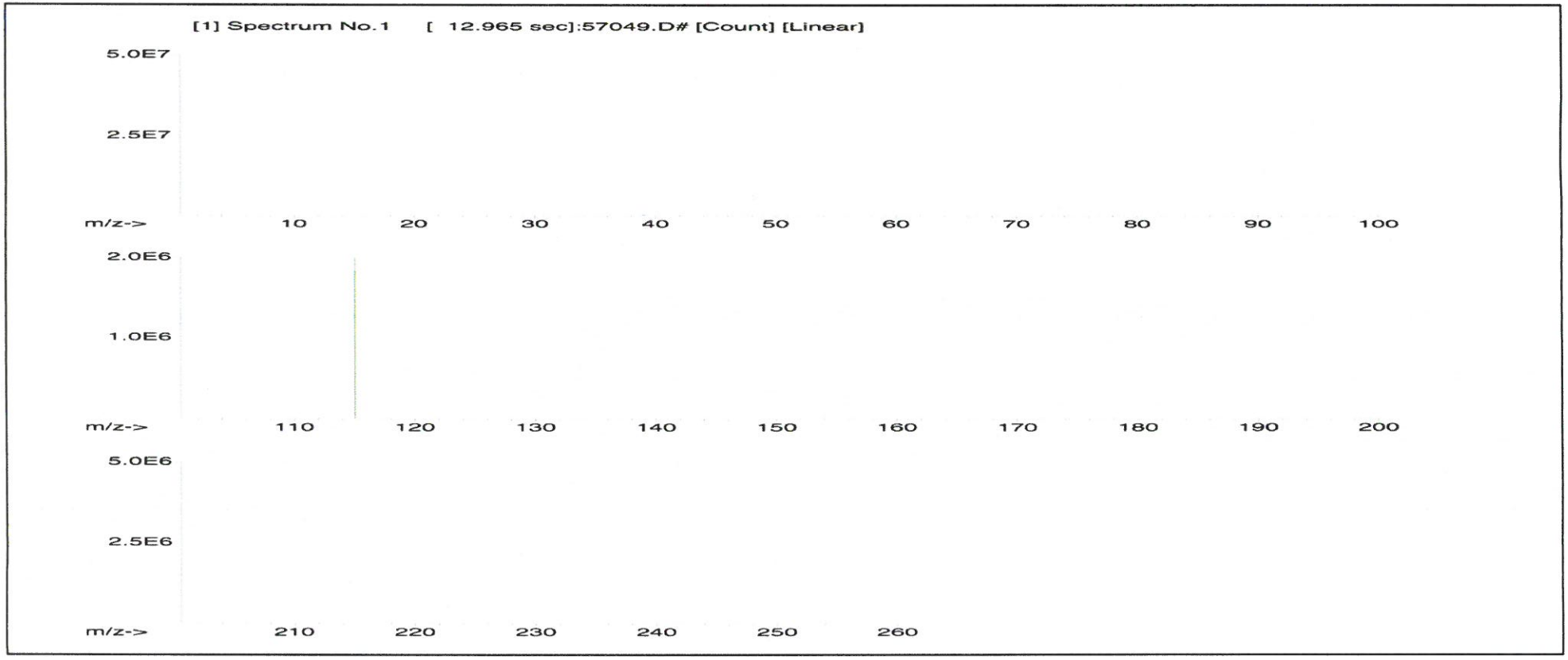
CERTIFIED WEIGHT REPORT:

Part Number:	**58149**		**Lot #**	
Lot Number:	**100721**	**Solvent:**	20370011	Nitric Acid
Description:	**Indium (In)**	5%	25.0 (mL)	Nitric Acid
Expiration Date:	100724			
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):	500.06	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	100721
Reviewed By:	Pedro L. Rentas	100721

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. Indium Oxide (In)	IN086	W1096A	10000	99.999	0.10	82.6	6.05408	6.05441	**10000.6**	**20.1**	1312-43-2	NA	NA	3124a



926

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	T	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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* 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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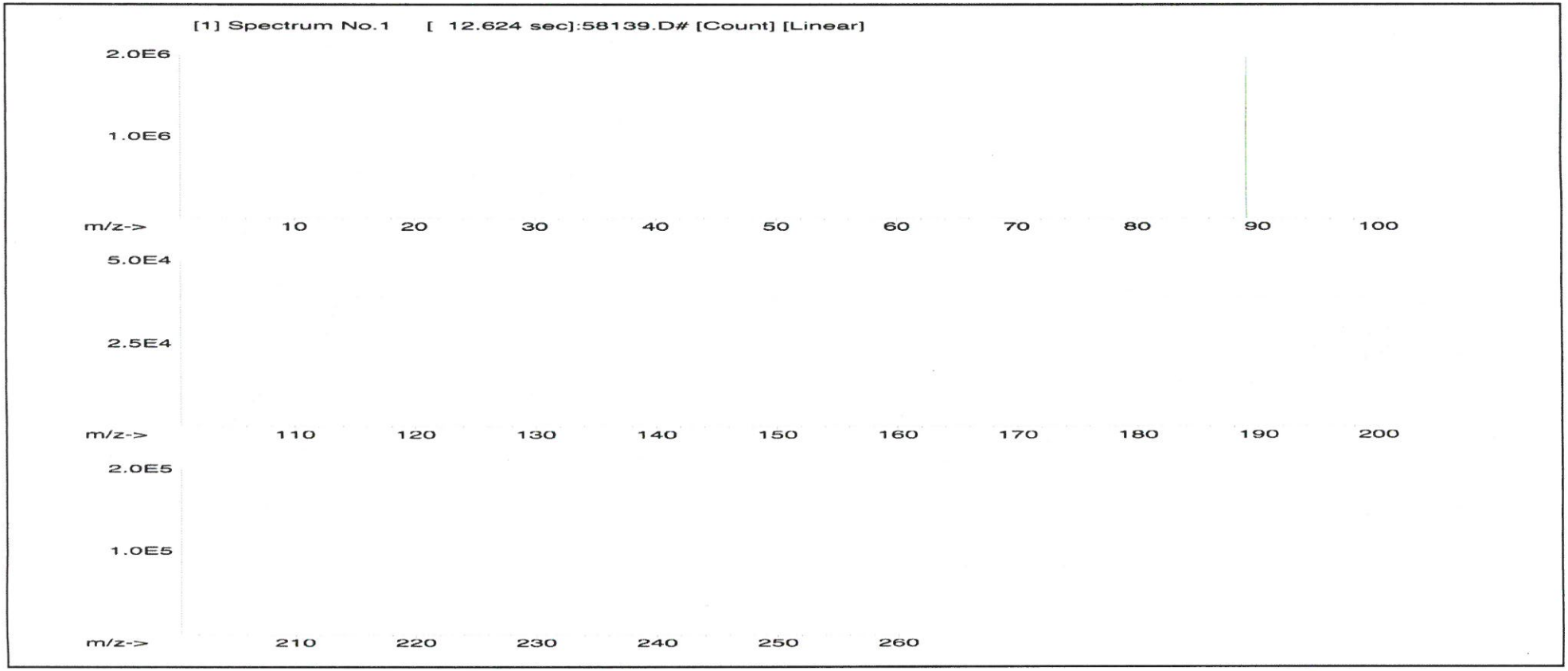
927

CERTIFIED WEIGHT REPORT:

Part Number:	**58139**		**Lot #**		
Lot Number:	**052521**	**Solvent:**	20370011	Nitric Acid	
Description:	**Yttrium (Y)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	052524				
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	052521
Reviewed By:	Pedro L. Rentas	052521

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. Yttrium (III) Oxide (Y)	IN087	YV012015B1	10000	99.999	0.10	77.9	25.6744	25.6745	**10000.0**	**20.0**	1314-36-9	NA	NA	NA



928

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	T
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-AES (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 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-1211" and for the ICSAB mixture use "ICSA-1211+ICSB-0710".**

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 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 interference check sample set is to be used to verify inter-element and background correction factors of inductively-coupled plasma (ICP) spectrometers. This reference material set consists of two (2) concentrated solutions. The ICSA solution contains the four (4) interferent elements: Al, Ca, Fe, and Mg. 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 ICP-AES 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-1211, Interferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSA solution by ICP-AES.

ICSB-0710, Analytes, mixed with ICSA-1211, 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 2% v/v HNO_3. Analyze this ICSAB solution by ICP-AES.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-AES 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-AES ICSA-1211, AND ICSA-1211 MIXED WITH ICSB-0710

Element	CRQL	Part A (µg/L)	Low Limit (µg/L)	High Limit (µg/L)	Part A +Part B (µg/L)	Low Limit (µg/L)	High Limit (µg/L)
Al	200	255000	216000	294000	247000	209000	285000
Sb	60	(0.0)	-60.0	60.0	618	525	711
As	10	(0.0)	-10.0	10.0	104	88.4	120
Ba	200	(6.0)	-194	206	(537)	337	737
Be	5.0	(0.0)	-5.0	5.0	495	420	570
Cd	5.0	(1.0)	-4.0	6.0	972	826	1120
Ca	5000	245000	208000	282000	235000	199000	271000
Cr	10	(52.0)	42.0	62.0	542	460	624
Co	50	(0.0)	-50.0	50.0	476	404	548
Cu	25	(2.0)	-23.0	27.0	511	434	588
Fe	100	101000	85600	116500	99300	84400	114500
Pb	10	(0.0)	-10.0	10.0	(49.0)	39.0	59.0
Mg	5000	255000	216000	294000	248000	210000	286000
Mn	15	(7.0)	-8.0	22.0	507	430	584
Ni	40	(2.0)	-38.0	42.0	954	810	1100
Se	35	(0.0)	-35.0	35.0	(46.0)	11.0	81.0
Ag	10	(0.0)	-10.0	10.0	201	170	232
Tl	25	(0.0)	-25.0	25.0	(108)	83.0	133
V	50	(0.0)	-50.0	50.0	491	417	565
Zn	60	(0.0)	-60.0	60.0	952	809	1095

ICSA M5126 M5127 M5128 M5129 M5130

ICSB M5219 M5220 M5221 M5222 M5223

The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 1 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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M5192 R: 06/17/22

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CERTIFIED WEIGHT REPORT:

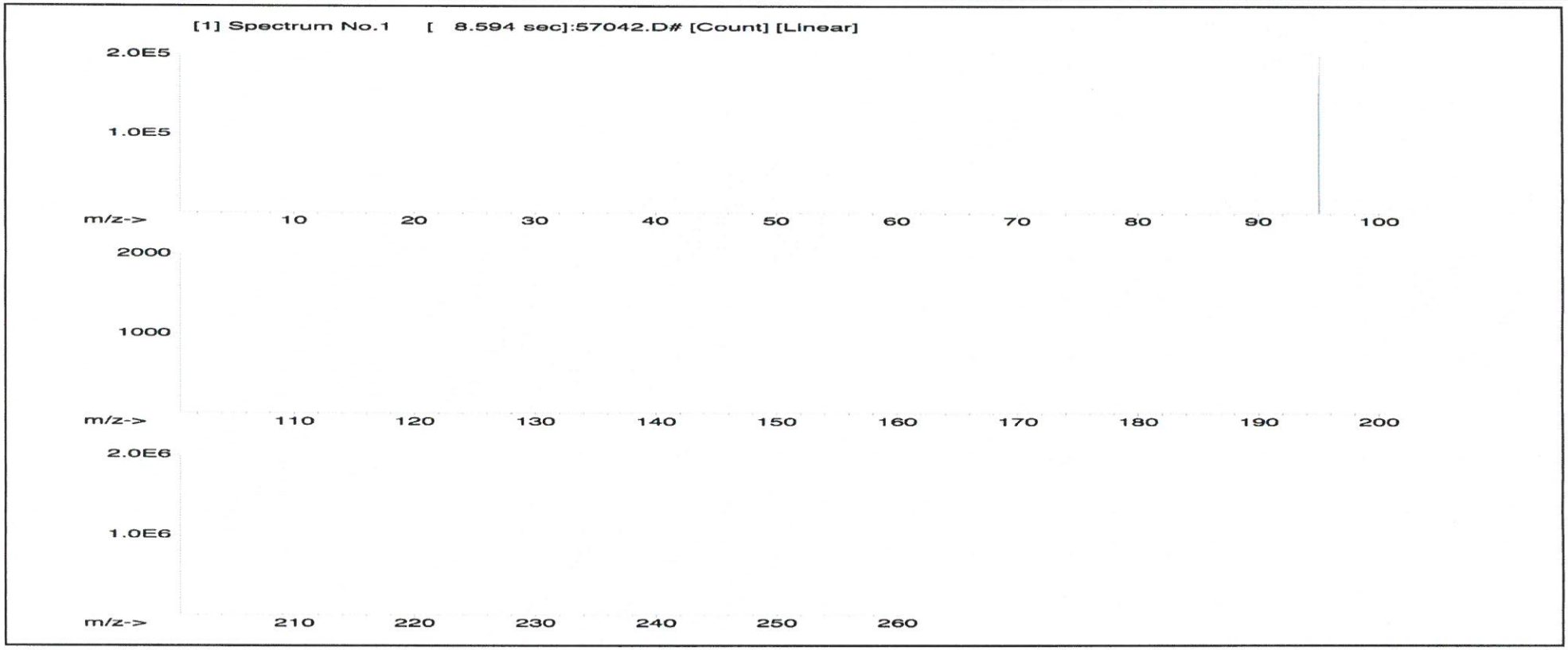
Part Number: 57042
Lot Number: 051722
Description: Molybdenum (Mo)

	Lot #	Solvent:		
	MKBQ8597V	Ammonium hydroxide		
	0.5%	15.0 (mL)	Ammonium hydroxide	

Expiration Date: 051725
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB 5E-05 Balance Uncertainty
Volume shown below was diluted to (mL): 3000.41 0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	051722
Reviewed By:	Pedro L. Rentas	051722

	Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1.	Ammonium molybdate (Mo)	58142	022222	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	13106-76-8	5 mg(Mo)/m3	orl-rat 333 mg/kg	3134



932

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	T	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:



* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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933

CERTIFIED WEIGHT REPORT:

Part Number: 58111
Lot Number: 092121
Description: Sodium (Na)

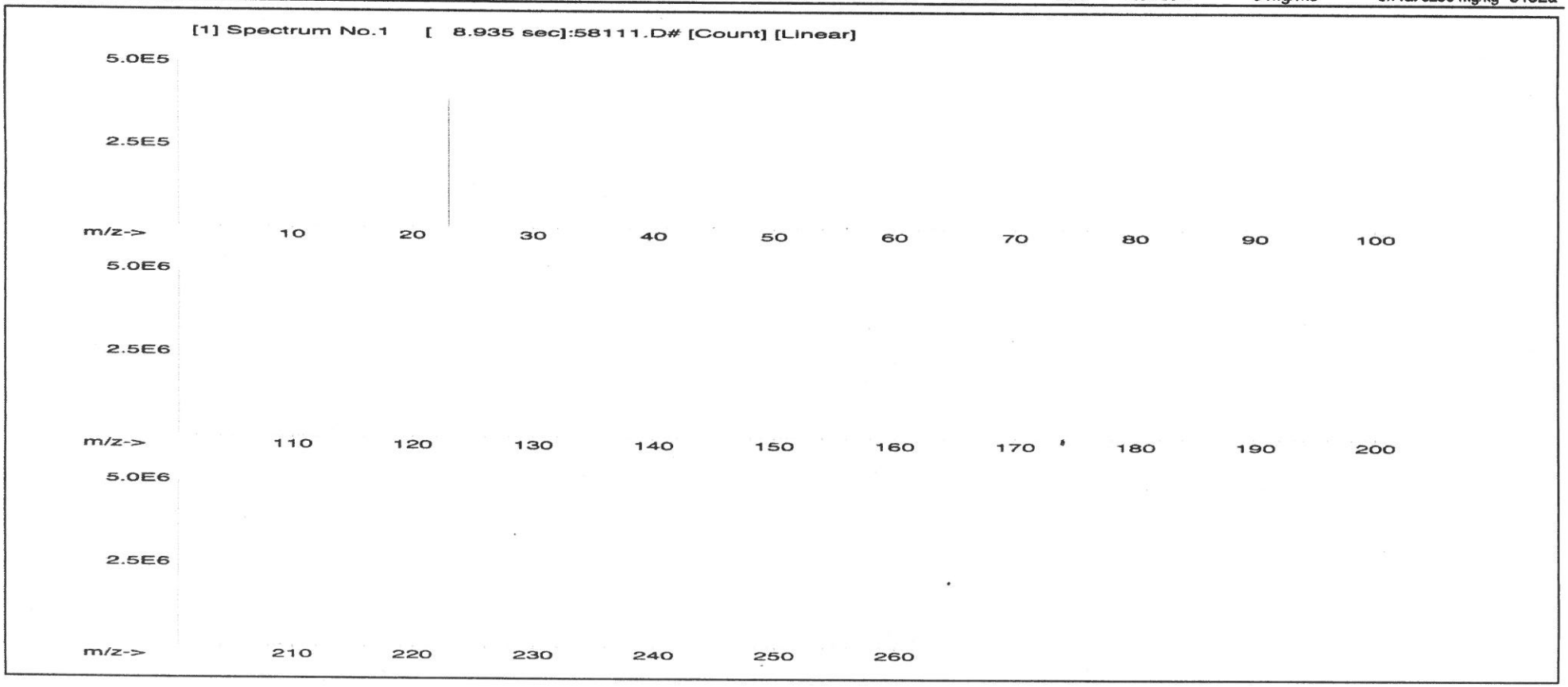
Expiration Date: 092124
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41

Lot #		
Solvent: 20370011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid
5E-05	Balance Uncertainty	
0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	092121
Reviewed By:	Pedro L. Rentas	092121

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	27.0	111.1274	111.1433	**10001.4**	**20.0**	7631-99-4	5 mg/m3	orl-rat 3236 mg/kg	3152a



934

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	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).

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
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Instructions for QATS Reference Material: *ICP-AES ICS*

QATS LABORATORY INORGANIC REFERENCE MATERIAL INTERFERENCE CHECK SAMPLE SET FOR ICP-AES (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 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-1211" and for the ICSAB mixture use "ICSA-1211+ICSB-0710".**

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 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 interference check sample set is to be used to verify inter-element and background correction factors of inductively-coupled plasma (ICP) spectrometers. This reference material set consists of two (2) concentrated solutions. The ICSA solution contains the four (4) interferent elements: Al, Ca, Fe, and Mg. 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 ICP-AES 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-1211, Interferents: Pipet 10 mL of the ICSA solution into a 100 mL volumetric flask and dilute to volume with 2% v/v HNO_3. Analyze this ICSA solution by ICP-AES.

ICSB-0710, Analytes, mixed with ICSA-1211, 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 2% v/v HNO_3. Analyze this ICSAB solution by ICP-AES.

(D) *"CERTIFIED VALUE" CONCENTRATIONS OF QATS ICP-AES 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-AES ICSA-1211, AND ICSA-1211 MIXED WITH ICSB-0710

Element	CRQL	Part A (µg/L)	Low Limit (µg/L)	High Limit (µg/L)	Part A +Part B (µg/L)	Low Limit (µg/L)	High Limit (µg/L)
Al	200	255000	216000	294000	247000	209000	285000
Sb	60	(0.0)	-60.0	60.0	618	525	711
As	10	(0.0)	-10.0	10.0	104	88.4	120
Ba	200	(6.0)	-194	206	(537)	337	737
Be	5.0	(0.0)	-5.0	5.0	495	420	570
Cd	5.0	(1.0)	-4.0	6.0	972	826	1120
Ca	5000	245000	208000	282000	235000	199000	271000
Cr	10	(52.0)	42.0	62.0	542	460	624
Co	50	(0.0)	-50.0	50.0	476	404	548
Cu	25	(2.0)	-23.0	27.0	511	434	588
Fe	100	101000	85600	116500	99300	84400	114500
Pb	10	(0.0)	-10.0	10.0	(49.0)	39.0	59.0
Mg	5000	255000	216000	294000	248000	210000	286000
Mn	15	(7.0)	-8.0	22.0	507	430	584
Ni	40	(2.0)	-38.0	42.0	954	810	1100
Se	35	(0.0)	-35.0	35.0	(46.0)	11.0	81.0
Ag	10	(0.0)	-10.0	10.0	201	170	232
Tl	25	(0.0)	-25.0	25.0	(108)	83.0	133
V	50	(0.0)	-50.0	50.0	491	417	565
Zn	60	(0.0)	-60.0	60.0	952	809	1095

ICSA M5126 M5127 M5128 M5129 M5130

ICSB M5219 M5220 M5221 M5222 M5223

The acceptance ranges for all analytes in parentheses in the above table were determined using the listed certified value ± 1 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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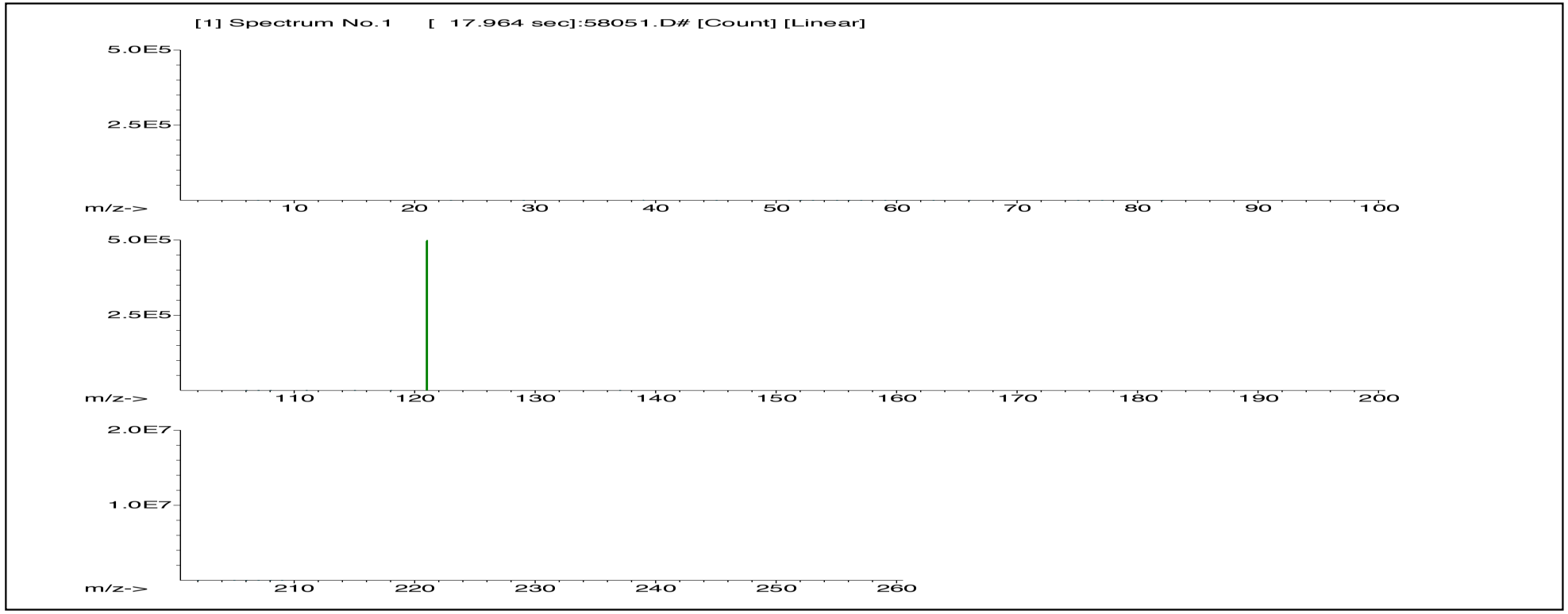
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57051**	20370011	Nitric Acid	
Lot Number:	**101521**			
Description:	**Antimony (Sb)**			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	101524			
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):	2000.25	0.116	Flask Uncertainty	

Formulated By:	Giovanni Esposito	101521
Reviewed By:	Pedro L. Rentas	101521

937

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	081820	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



938

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	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).

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	

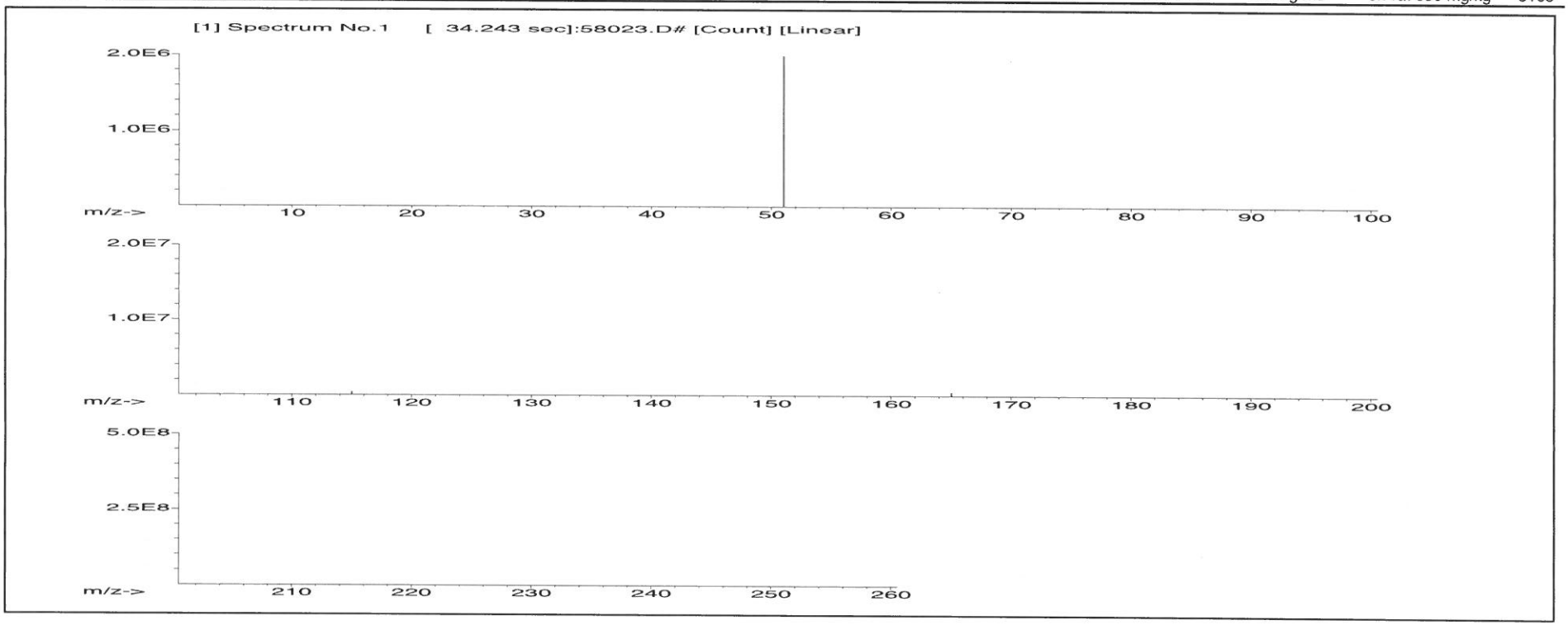
Giovanni Esposito

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



939

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	T
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
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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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941

CERTIFIED WEIGHT REPORT:

Part Number:	**57051**			**Lot #**	**Solvent:**	
Lot Number:	**051822**			20370011	Nitric Acid	
Description:	**Antimony (Sb)**					
				2.0%	60.0 (mL)	Nitric Acid
Expiration Date:	051825					
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			

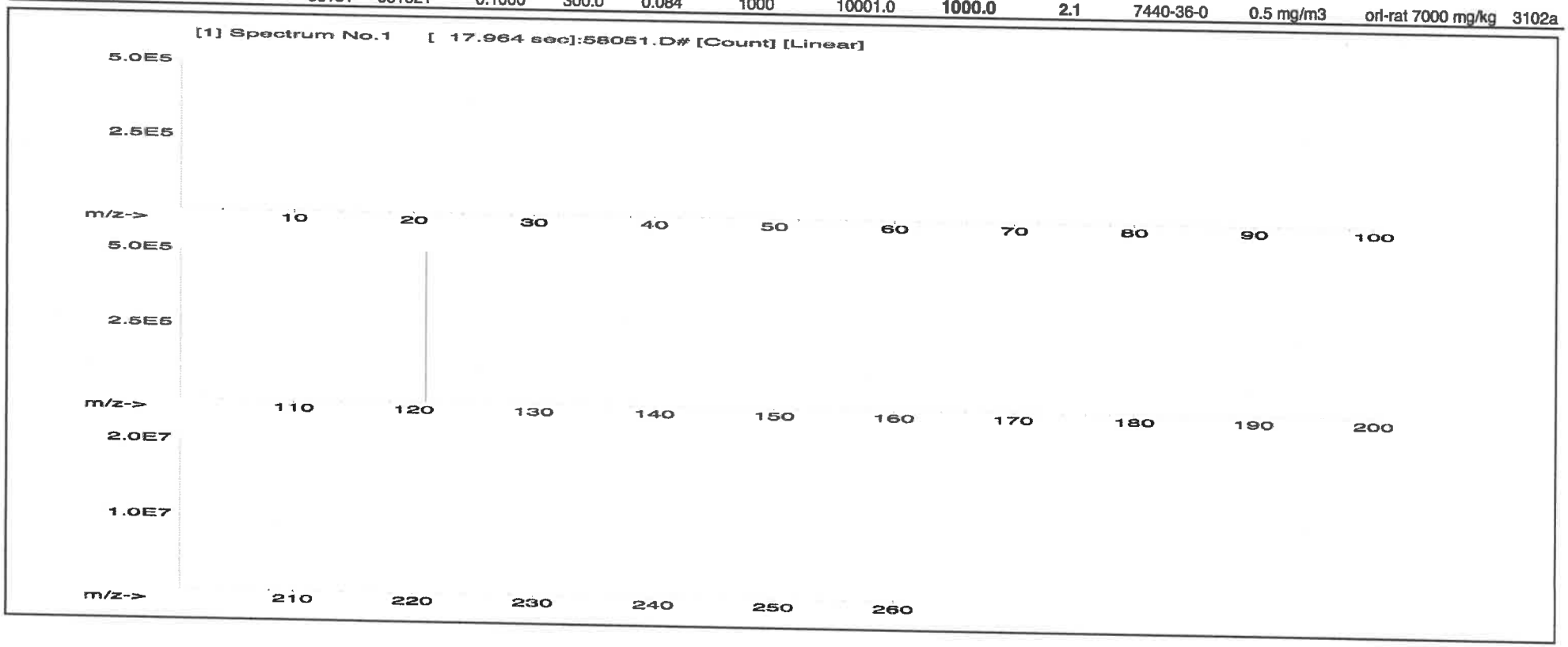
Giovanni Esposito

Formulated By:	Giovanni Esposito	051822

Pedro Rentas

Reviewed By:	Pedro L. Rentas	051822

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	061021	0.1000	300.0	0.084	1000	10001.0	**1000.0**	**2.1**	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a



942

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.
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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).

V15200 R: 04/24/22 (BP)

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943

CERTIFIED WEIGHT REPORT:

Part Number: 58119
Lot Number: 071122
Description: Potassium (K)

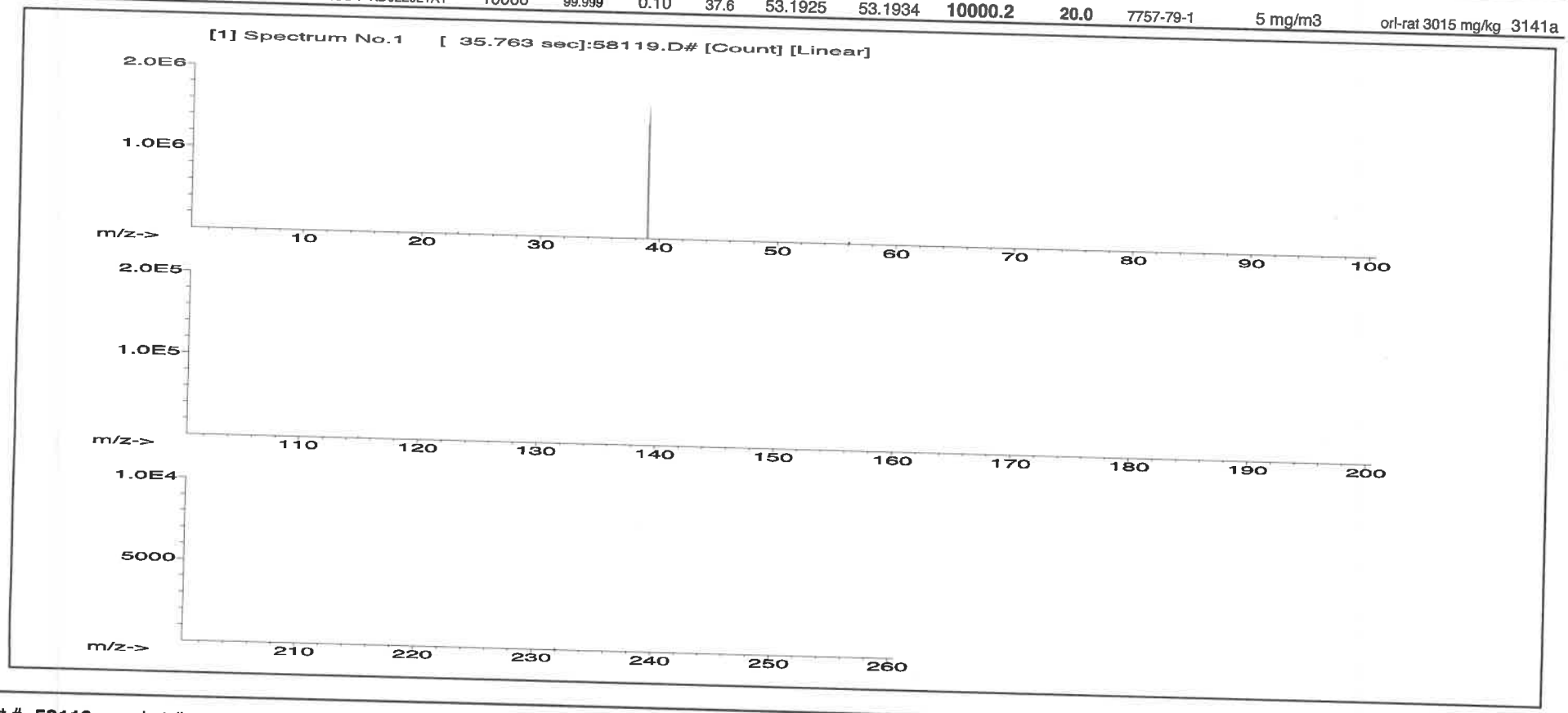
Expiration Date: 071125
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02

	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	
5E-05	Balance Uncertainty		
0.058	Flask Uncertainty		

Formulated By: Lawrence Barry 071122

Reviewed By: Pedro L. Rentas 071122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Potassium nitrate (K)	IN034	KD022021A1	10000	99.999	0.10	37.6	53.1925	53.1934	**10000.2**	**20.0**	7757-79-1	5 mg/m3	orl-rat 3015 mg/kg	3141a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	T	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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M5289 R: 07/12/22 (BH)

Certified Reference Material CRM

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CERTIFIED WEIGHT REPORT:

Part Number: 58113
Lot Number: 070622
Description: Aluminum (Al)

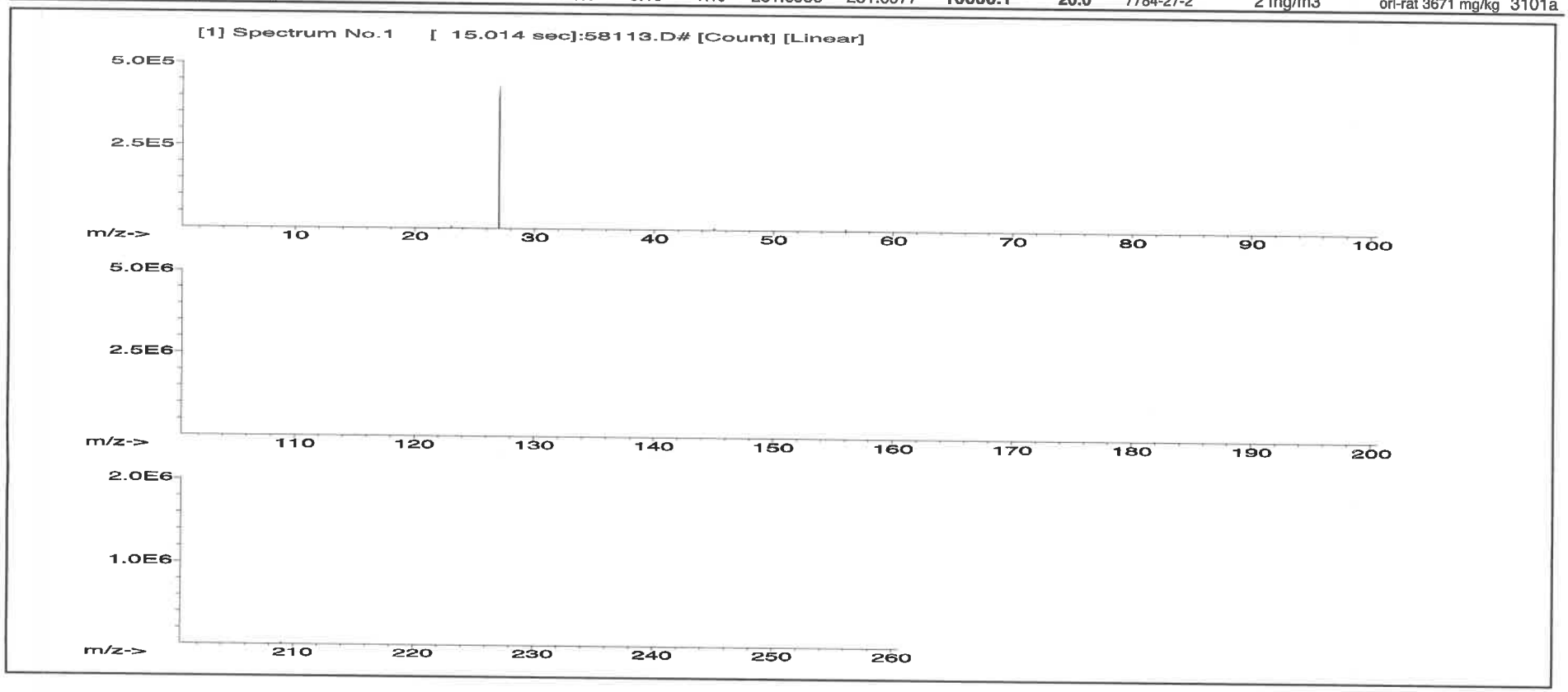
Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 2000.02 ± 0.058 Flask Uncertainty

		Lot #	
Solvent:	20370011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	070622
Reviewed By:	Pedro L. Rentas	070622

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Aluminum nitrate nonahydrate (Al)	IN022	ALD012021A1	10000	99.999	0.10	7.10	281.6956	281.6977	**10000.1**	**20.0**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	T	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

QATS LABORATORY INORGANIC REFERENCE MATERIAL INITIAL CALIBRATION VERIFICATION SOLUTIONS (ICV1, ICV5, AND ICV6)

NOTE: These instructions are for advisory purposes only. If any apparent conflict exists between these instructions and the analytical protocol or your contract, disregard these instructions.

APPLICATION: For use with the CLP SFAM01.0 SOW and revisions.

CAUTION: Read instructions carefully before opening bottle(s) and proceeding with the analyses.

Contains Metals in Dilute Acidic or Cyanide in Basic Aqueous Solutions
HAZARDOUS MATERIAL

Safety Data Sheets Available Upon Request

M5291
M5292
M5293
M5294
M5295

(A) *SAMPLE DESCRIPTION*

Enclosed is a set of one (1) or more Aqueous Inorganic Reference Materials containing various analyte concentrations. ICV1 and ICV5 are in a matrix of dilute nitric acid. ICV6 is in a matrix of dilute basic solution. **For the reference material source in reporting ICVs use "USEPA". For the reference material lot number for the ICV1, ICV5, and ICV6 solutions use "ICV1-1014", "ICV5-0415", and "ICV6-0400", respectively.**

(B) *BREAKAGE OR MISSING ITEMS*

Check the contents of the shipment carefully for any broken, leaking, or missing items. Check that the seal is intact on each bottle. Refer to the enclosed chain of custody record. Report any problems to Mr. Keith Strout, APTIM Federal Services, LLC, at (702) 895-8722. If requested, return the chain-of-custody record with appropriate annotations and signatures to the address provided below.

QUALITY ASSURANCE TECHNICAL SUPPORT LABORATORY
APTIM Federal Services, LLC
2700 Chandler Avenue - Building C
Las Vegas, NV 89120

(C) *ANALYSIS OF SAMPLES*

The Initial Calibration Verification Solutions (ICVs) are to be used to evaluate the accuracy of the initial calibrations of ICP, AA, and Cyanide colorimetric instruments, and are to be used with the CLP SOWs and revisions. The values for each element in the ICVs are listed below in µg/L (ppb) for the resulting solution(s) after the dilution of the concentrate(s) according to the following instructions. Use Class 'A' glassware to prepare the solution(s).

ICV1-1014 For ICP-AES analysis, use a 10-fold dilution by pipetting 10 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid.

ICV1-1014 For ICP-MS analysis, use a 50-fold dilution by pipetting 2 mL of the ICV1 concentrate into a 100 mL volumetric flask and dilute to volume with 1% (v/v) nitric acid.

ICV5-0415 For the cold vapor analysis of mercury by AA, use a 100-fold dilution by pipetting 1 mL of the ICV5 concentrate into a 100 mL volumetric flask and dilute to volume with 2% (v/v) nitric acid. The ICV5 concentrate is prepared in 0.05% (w/v) $K_2Cr_2O_7$ and 5% (v/v) nitric acid.

ICV6-0400 For the analysis of cyanide, use a 100-fold dilution by pipetting 1 mL of the ICV6 concentrate into a 100 mL volumetric flask and dilute to volume with Type II water. Distill this solution along with the samples before analysis. The cyanide concentrate is prepared from $K_3Fe(CN)_6$, Type II water, and 0.1 % sodium hydroxide, and will decompose rapidly if exposed to light.

NOTE: USE TYPE II WATER AND HIGH-PURITY ACIDS FOR ALL DILUTIONS.

(D) *CERTIFIED CONCENTRATIONS OF QATS ICV1, ICV5, AND ICV6 SOLUTIONS*

ICV1-1014		
Element	**Concentration (µg/L) (after 10-fold dilution)**	**Concentration (µg/L) (after 50-fold dilution)**
Al	2500	500
Sb	1000	200
As	1000	200
Ba	520	100
Be	510	100
Cd	510	100
Ca	10000	2000
Cr	520	100
Co	520	100
Cu	510	100
Fe	10000	2000
Pb	1000	200
Mg	6000	1200
Mn	520	100
Ni	530	110
K	9900	2000
Se	1000	200
Ag	250	50
Na	10000	2000
Tl	1000	210
V	500	100
Zn	1000	200

ICV5-0415		ICV6-0400	
Element	**Concentration (µg/L) (after 100-fold dilution)**	**Analyte**	**Concentration (µg/L) (after 100-fold dilution)**
Hg	4.0	**CN^-**	99

SJ 6/15/22

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CERTIFIED WEIGHT REPORT:

Part Number: 58126
Lot Number: 020422
Description: Iron (Fe)

M5298

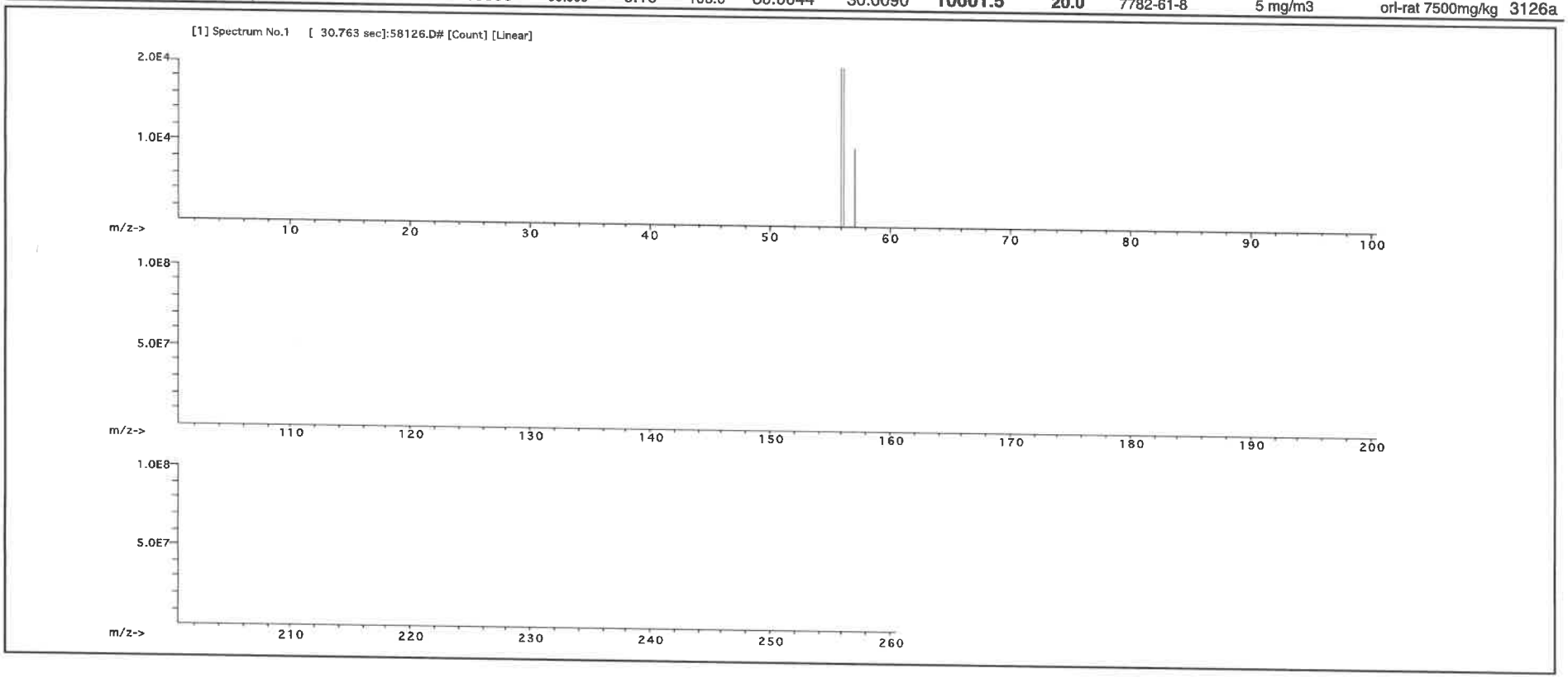
Expiration Date: 020425
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41

	Lot #		
Solvent:	20370011	Nitric Acid	
5.0%	150.0 (mL)	Nitric Acid	
5E-05	Balance Uncertainty		
0.058	Flask Uncertainty		

Giovanni Esposito
Formulated By: Giovanni Esposito 020422

Pedro Rentas
Reviewed By: Pedro L. Rentas 020422

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(III) nitrate nonahydrate (Fe)	IN346	221035107	10000	99.999	0.10	100.0	30.0044	30.0090	**10001.5**	**20.0**	7782-61-8	5 mg/m3	orl-rat 7500mg/kg	3126a



949

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.10	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	<0.5	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	<0.02
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.
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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).

950

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951

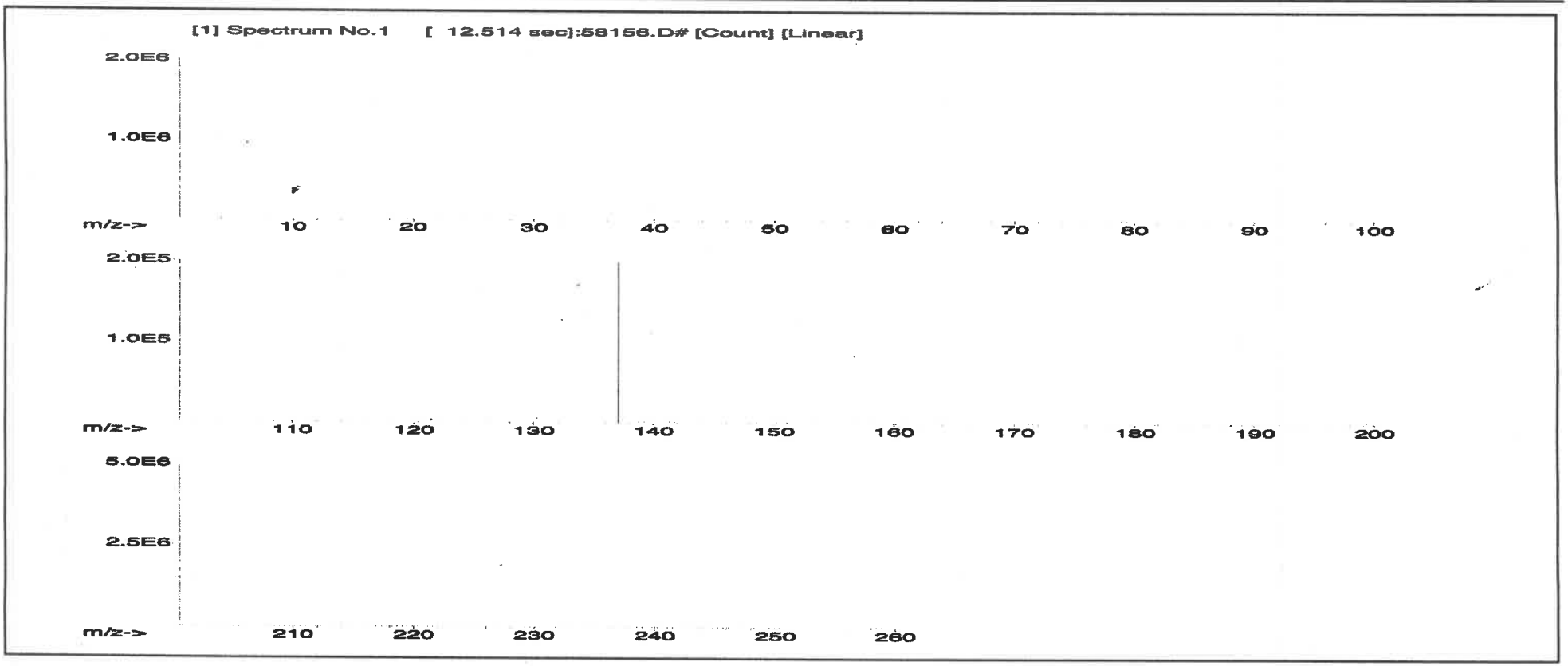
CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57056**	**Solvent:**	20510011	Nitric Acid
Lot Number:	**072122**			
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	072125			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	2.0	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* 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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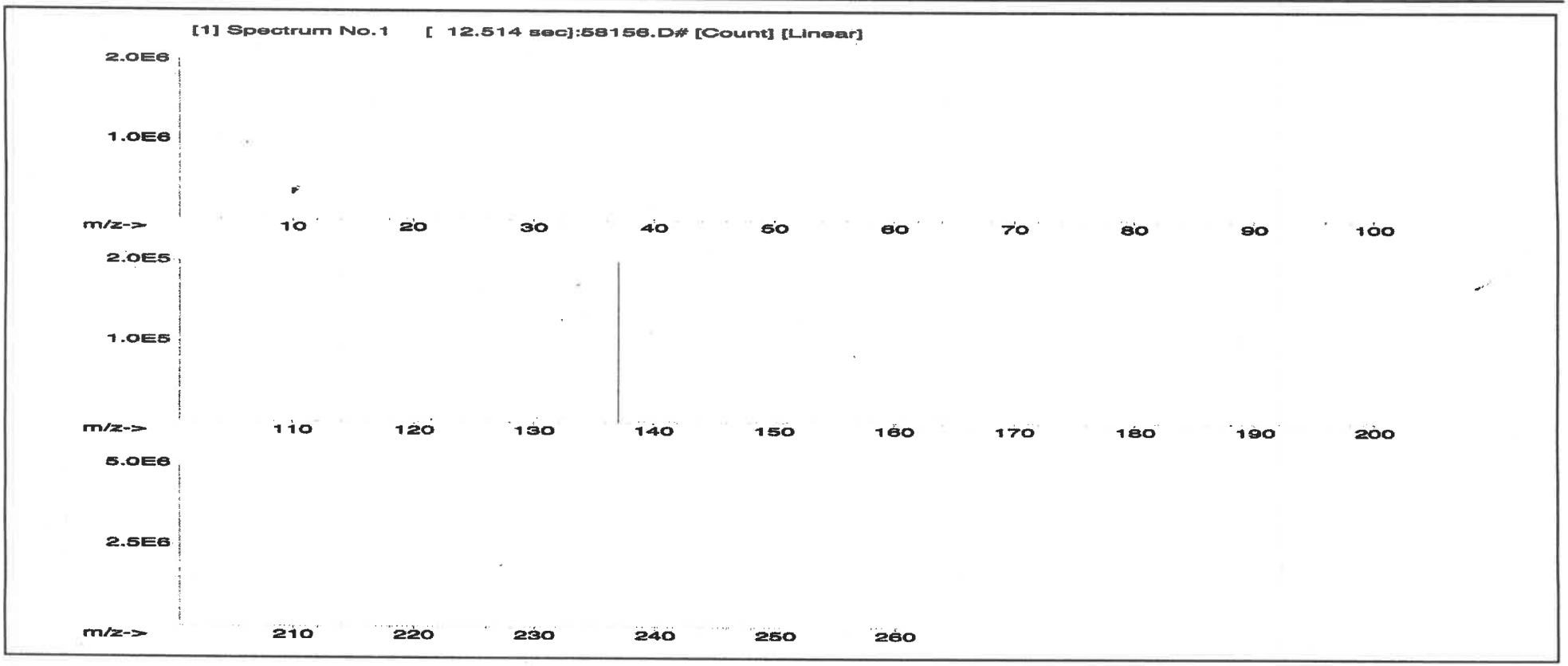
CERTIFIED WEIGHT REPORT:

Part Number:	**57056**		**Lot #**		
Lot Number:	**072122**	**Solvent:**	20510011	Nitric Acid	
Description:	**Barium (Ba)**	2%	40.0 (mL)	Nitric Acid	
Expiration Date:	072125				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Giovanni Esposito

Formulated By:	Giovanni Esposito	072122
Reviewed By:	Pedro L. Rentas	072122

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Barium nitrate (Ba)	IN023	BAD022019A1	1000	99.999	0.10	52.3	3.82417	3.82426	**1000.0**	**2.0**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	T	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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).

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M5429 R1 01/26/23 BH

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CERTIFIED WEIGHT REPORT:

Part Number: 57103
Lot Number: 070622
Description: Lithium (Li)

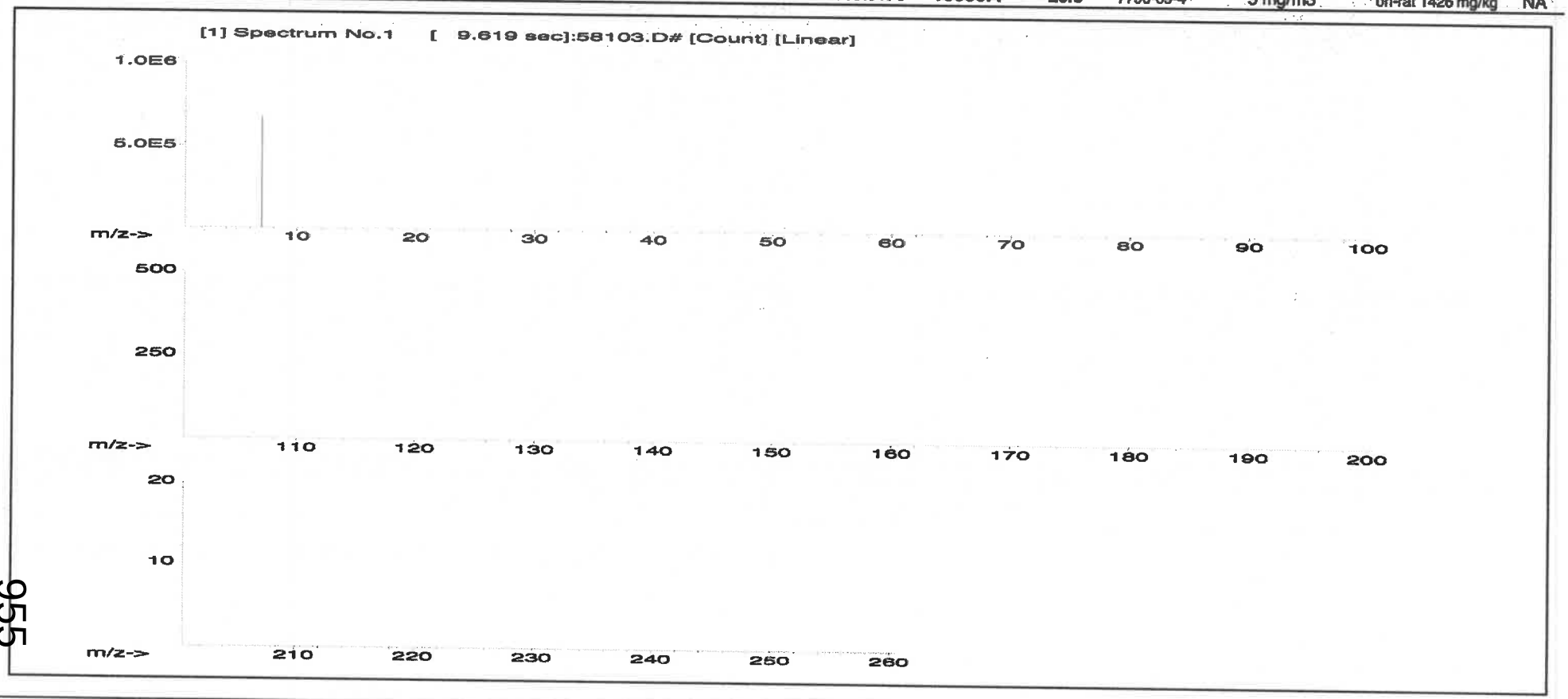
Expiration Date: 070625
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 1000.12

	Lot #			
Solvent:	20510011	Nitric Acid		
2%	20.0 (mL)	Nitric Acid		

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Lawrence Barry	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. Lithium nitrate (Li)	IN019	LIZ042018A1	10000	99.999	0.10	10.0	100.0134	100.0173	**10000.4**	**20.0**	7790-69-4	5 mg/m3	orl-rat 1426 mg/kg	NA



955

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	T	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* 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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957

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 120922
Description: Magnesium (Mg)

Expiration Date: 120925
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

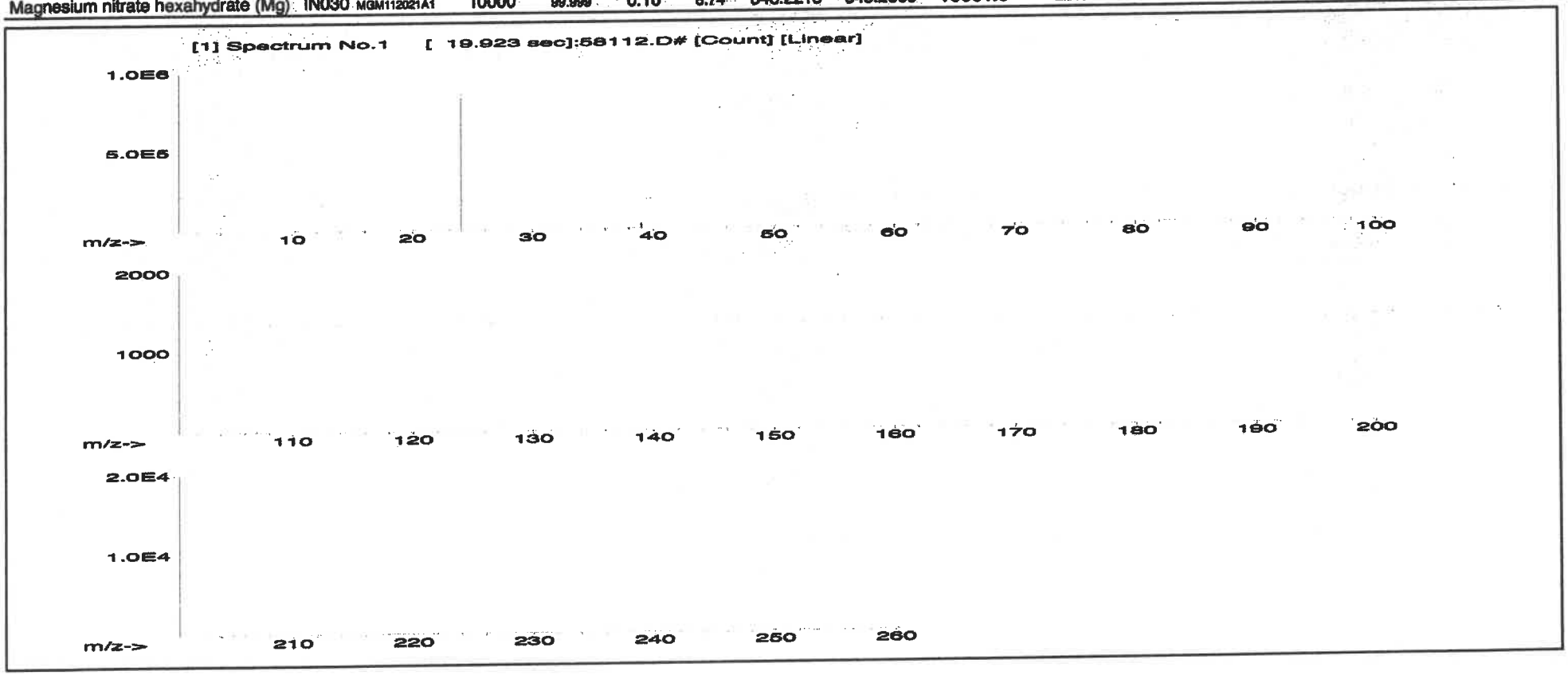
		Lot #	
Solvent:	20510011	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Giovanni Esposito

Formulated By:	Giovanni Esposito	120922
Reviewed By:	Pedro L. Rentas	120922

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	MGM112021A1	10000	99.999	0.10	8.74	343.2213	343.2669	10001.3	20.0	13446-18-9	NA	orl-rat 5440 mg/kg	3131a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* 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).

9538

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959

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57028**	20510011	Nitric Acid	
Lot Number:	**011223**			
Description:	**Nickel (Ni)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	011226			
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	

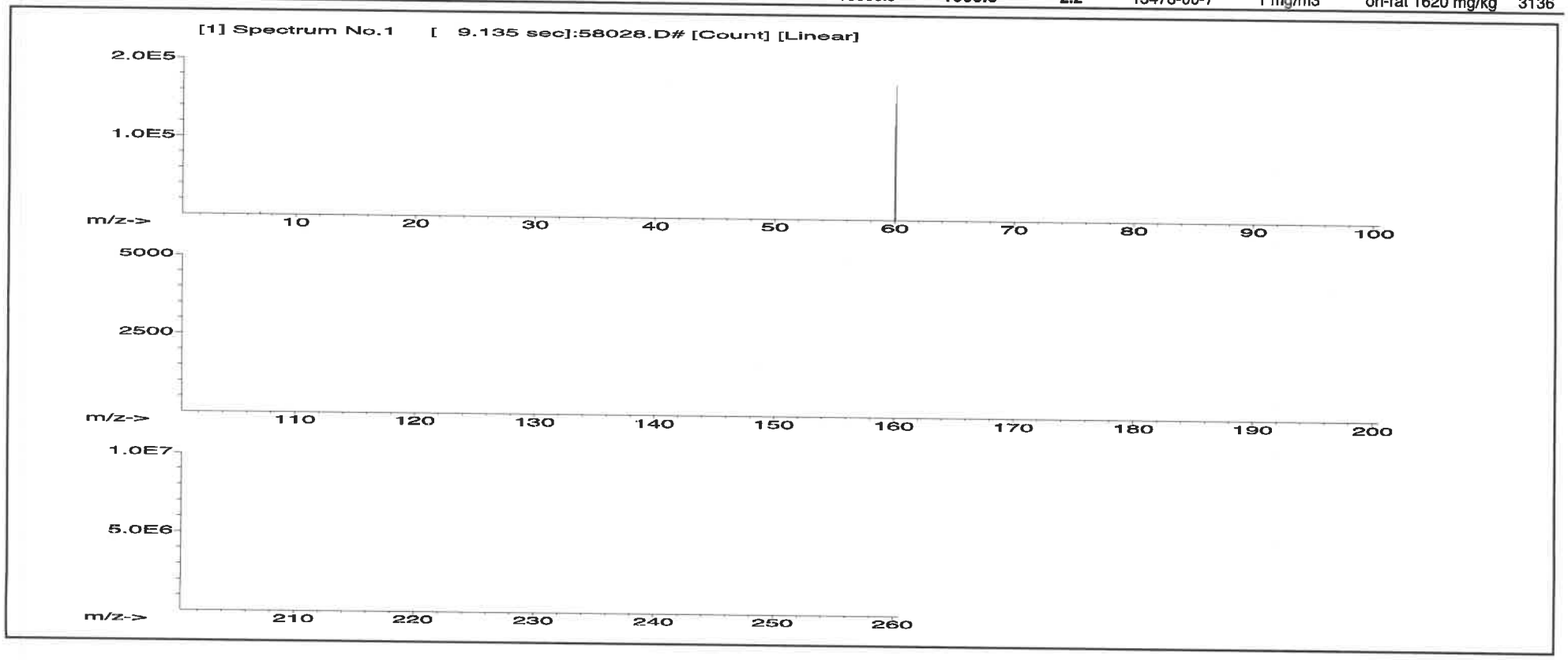
Giovanni Esposito

Formulated By:	Giovanni Esposito	011223

Pedro Rentas

Reviewed By:	Pedro L. Rentas	011223

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. Nickel(II) nitrate hexahydrate (Ni)	58128	033122	0.1000	200.0	0.084	1000	10000.9	**1000.0**	**2.2**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136



960

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	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:

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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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

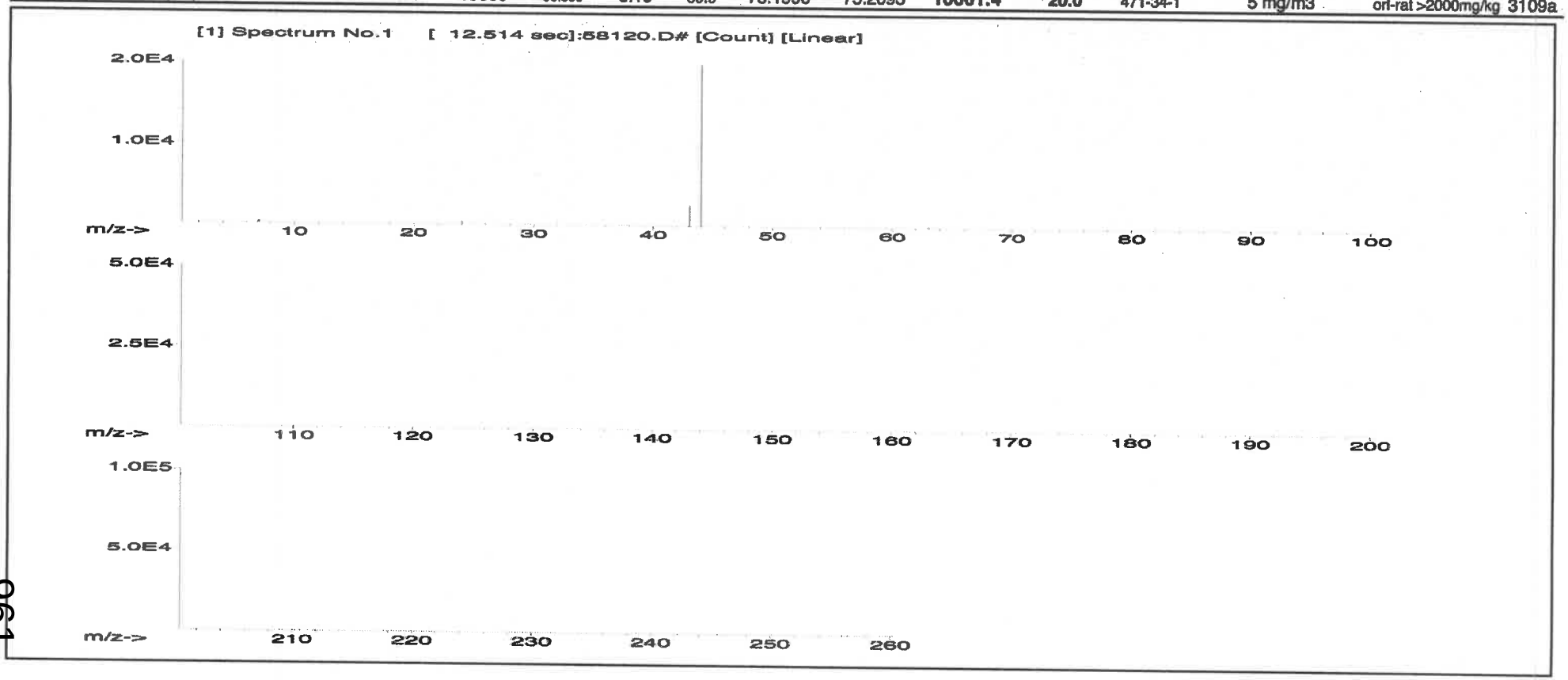
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	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



961

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	T	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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CERTIFIED WEIGHT REPORT:

Part Number: 58120
Lot Number: 031523
Description: Calcium (Ca)

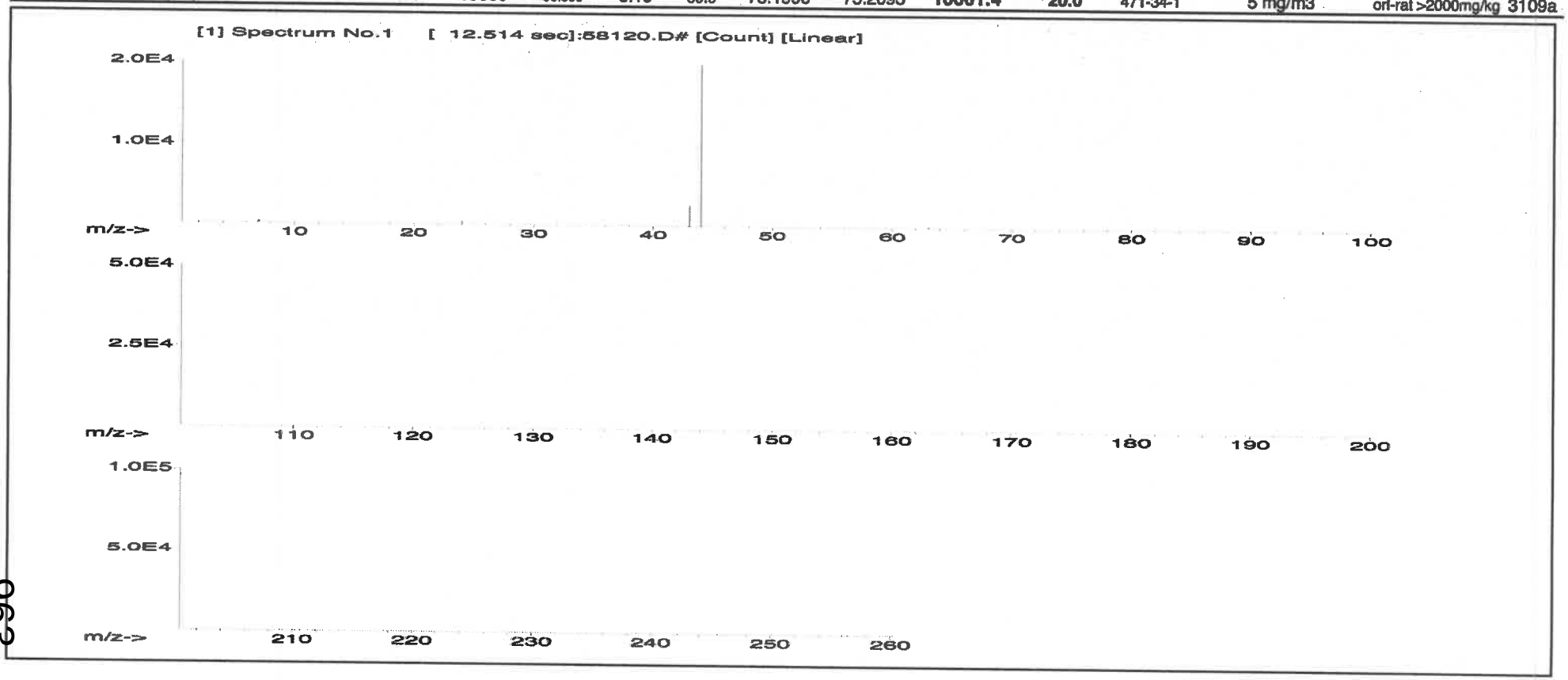
Expiration Date: 031526
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 3000.41 ± 0.058 Flask Uncertainty

	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



963

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	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
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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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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

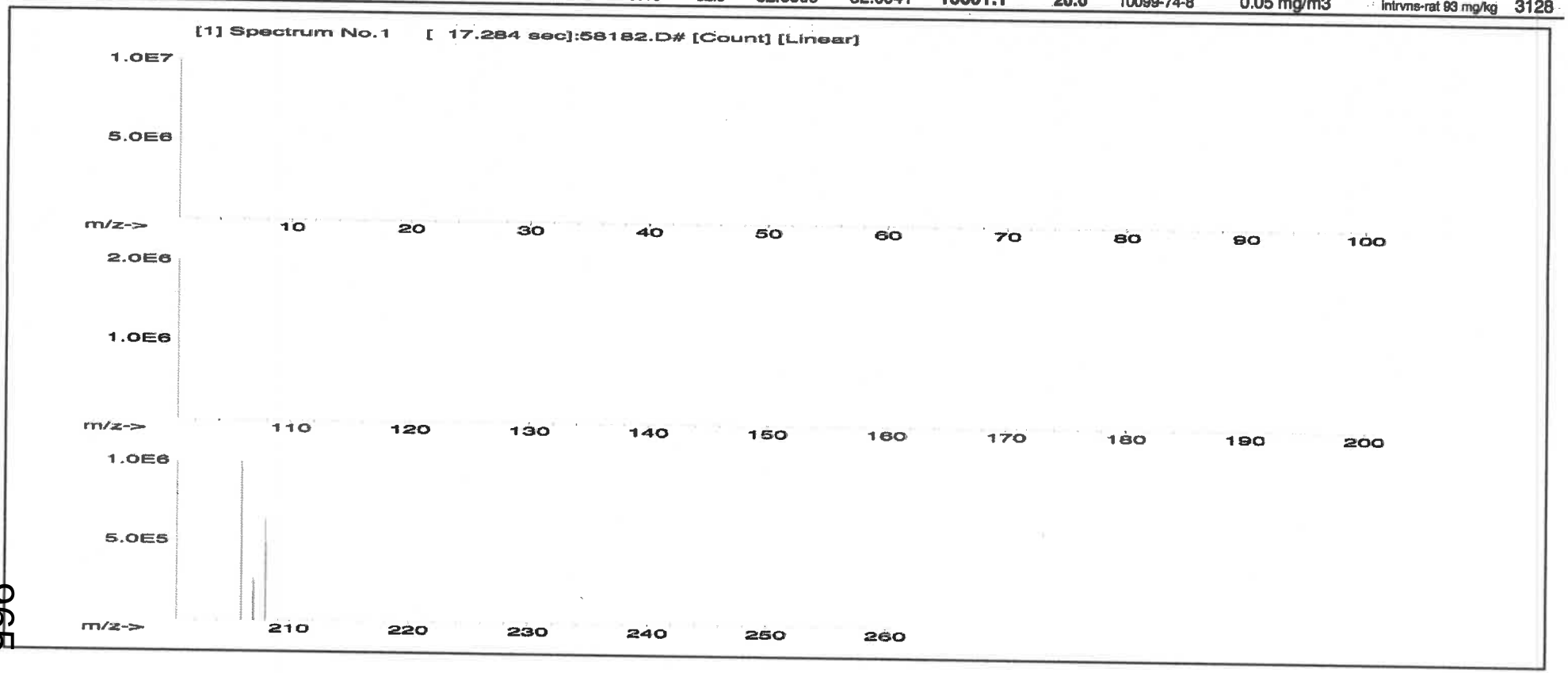
	Lot #		
Solvent:	20510011	Nitric Acid	
2%	40.0 (mL)	Nitric Acid	

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



965

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
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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:

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CORCO CHEMICAL CORPORATION

Manufacturers of ACS Reagents and Semiconductor Grade Chemicals

CERTIFICATE OF ANALYSIS

Date: 8/3/2022 MS631 MS632 MS633 MS634 **Lot No 820803**

Hydrogen Peroxide, ACS
Reagent Grade

TEST	MAXIMUM LIMITS	RESULT
Appearance	Colorless and free from suspended matter or sediment	Pass
Assay	29-32%	31.4%
Color (APHA)	10	5
Residue after Evaporation	0.002%	.0001%
Titratable Acid	0.0006 meq/g	< .0006 meq/g
Chloride (Cl)	2 ppm	< 1 ppm
Nitrate (NO_3)	2 ppm	< 1 ppm
Phosphate	2 ppm	< 1 ppm
Sulfate (SO_4)	5 ppm	< .5 ppm
Ammonium (NH_4)	5 ppm	< 1 ppm
Heavy Metals (as Pb)	1 ppm	< .1 ppm
Iron (Fe)	0.5 ppm	< .1 ppm
Sodium Stannate	200 – 300 ppb	Pass

***Our Hydrogen Peroxide is considered un-stabilized because it is very slightly stabilized with Sodium Stannate, 500 ppb maximum, just for safety purposes.

Date of MFG: 8/2022
Retest date: 8/2024

Gina M. Rambo
Office Manager

CORCO CHEMICAL CORPORATION. 299 CEDAR LANE. FAIRLESS HILLS, PA 19030. 215-295-5006. FAX 215-295-0781

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M5658 R ! 8/25/23

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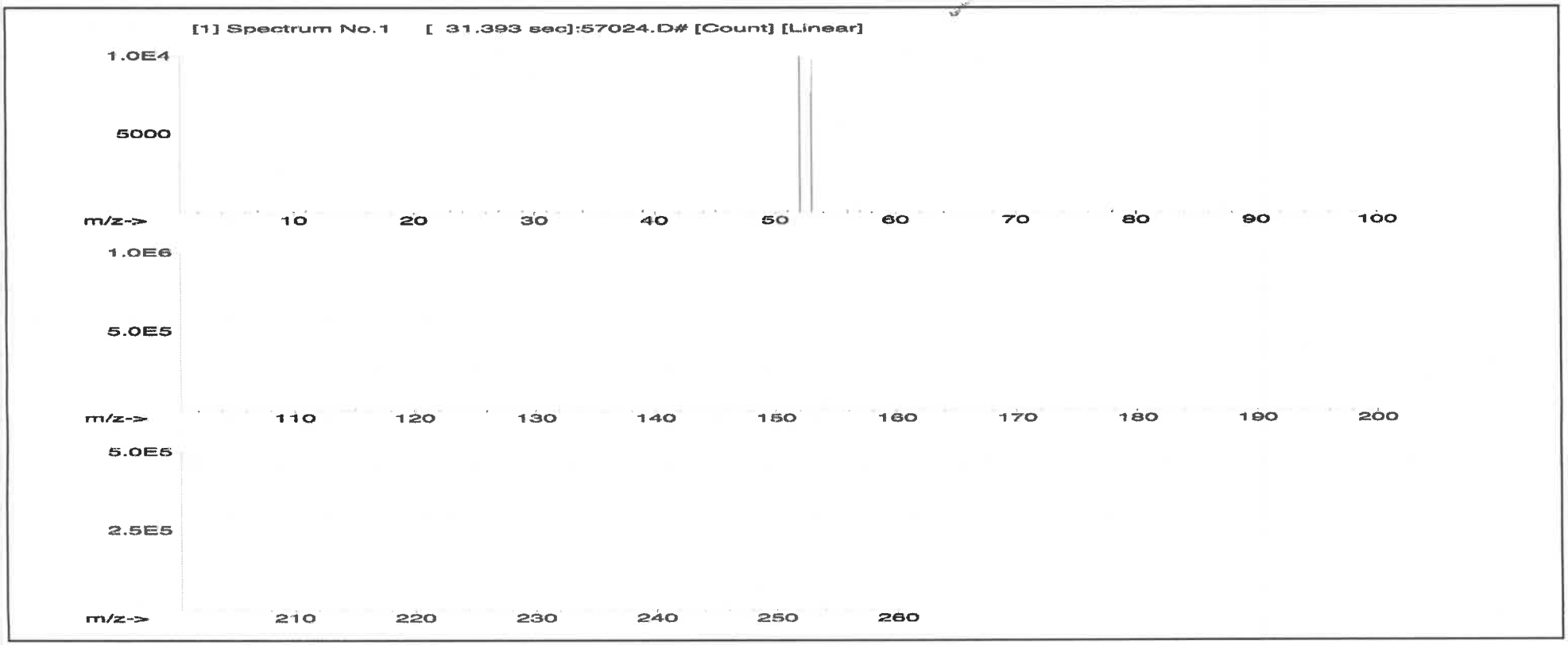
998

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	58024	21110221	Nitric Acid	
Lot Number:	060523			
Description:	Chromium (Cr)			
		2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	060526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	1000			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	060523
Reviewed By:	Pedro L. Rentas	060523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Chromium(III) nitrate nonahydrate (Cr)	58124	071122	0.1000	200.0	0.084	1000	10000.1	**1000.0**	**2.2**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	T	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
* All standard containers are meticulously cleaned prior to use.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certifed (+/-) 0.5% of the stated value, unless otherwise stated.
* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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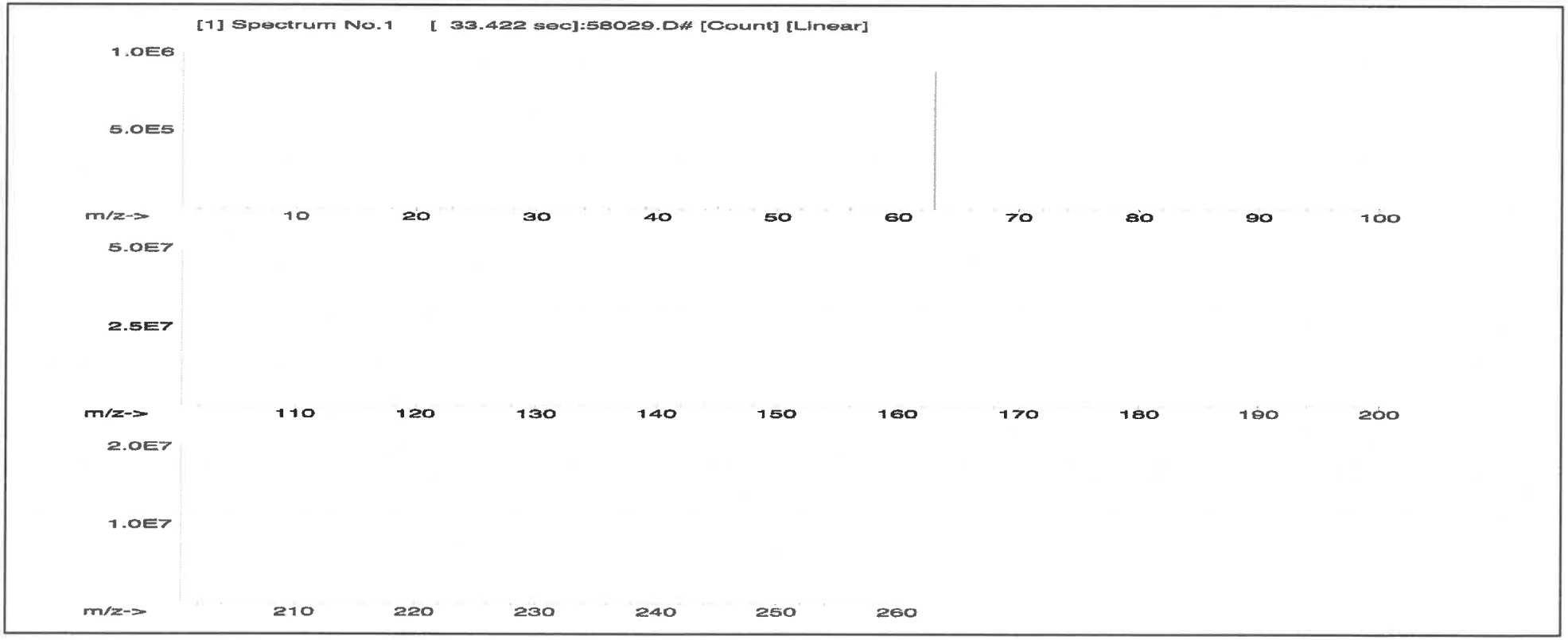
970

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



971

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<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.
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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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M5648 R: 10/27/23

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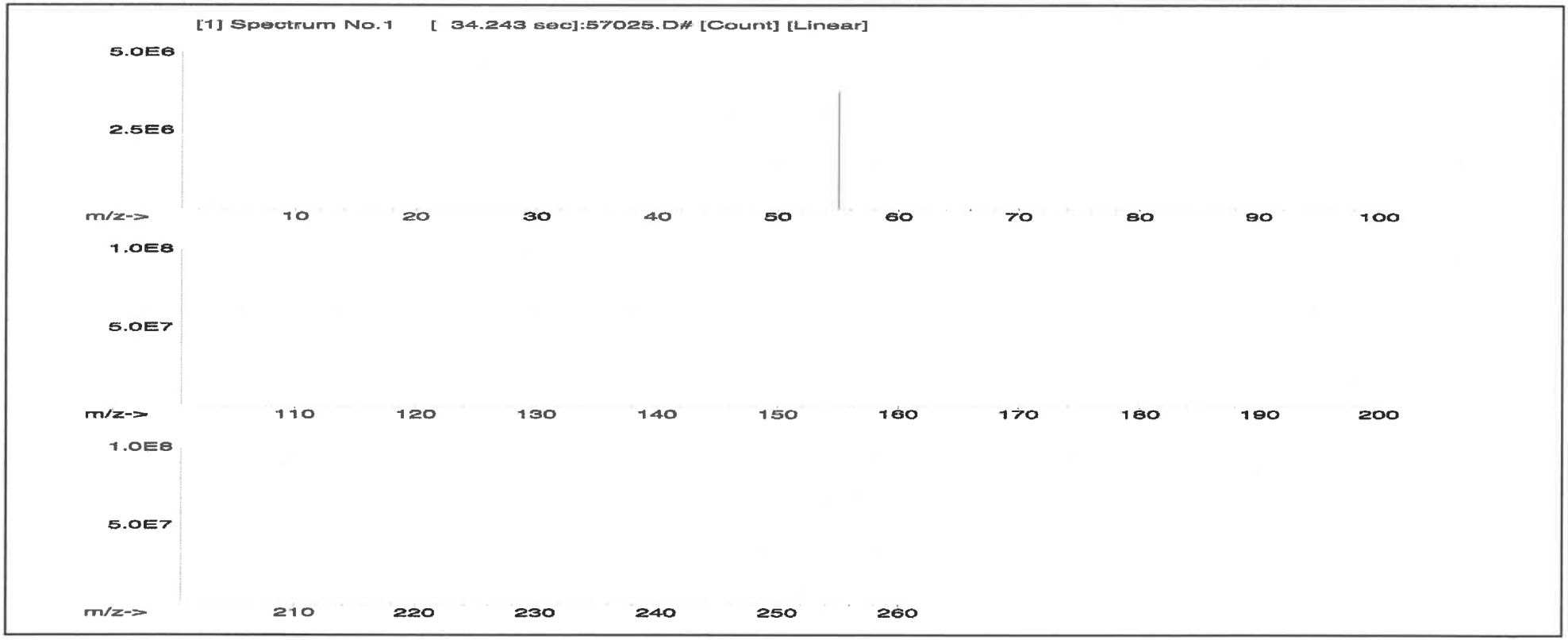
CERTIFIED WEIGHT REPORT:

		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

972

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



973

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	T	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the balances that are calibrated with weights traceable to NIST (see above).
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* All standards should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 12/20/23 M5747

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974

CERTIFIED WEIGHT REPORT:

Part Number: 57082
Lot Number: 100923
Description: Lead (Pb)

Expiration Date: 100926
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

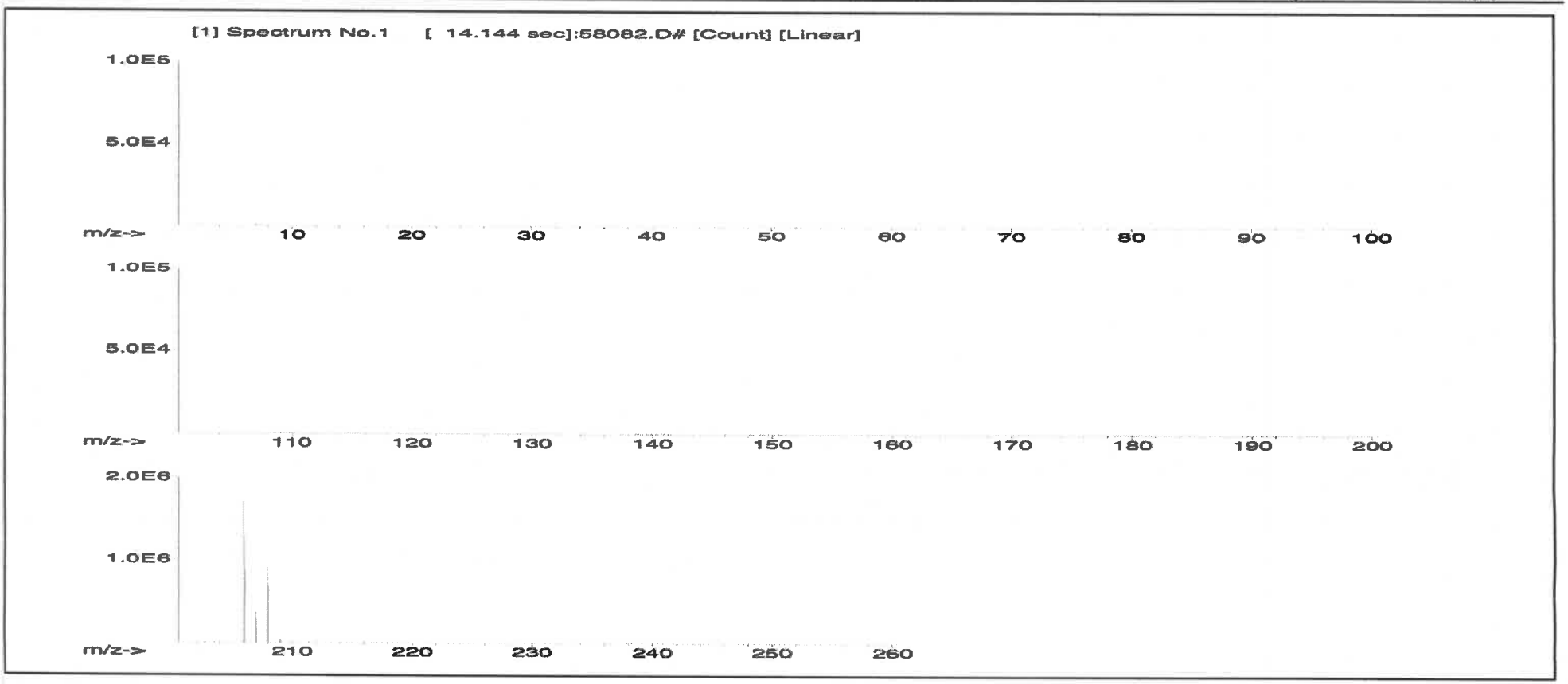
Weight shown below was diluted to (mL): 3000.41 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
2%	60.0 (mL)	Nitric Acid	

5E-05 Balance Uncertainty

Formulated By:	Lawrence Barry	100923
Reviewed By:	Pedro L. Rentas	100923

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	1000	99.999	0.10	62.5	4.80071	4.80077	**1000.0**	**2.0**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128



975

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	T	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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R: 12/15/23 M5752, M5753, M5754, M5755

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976

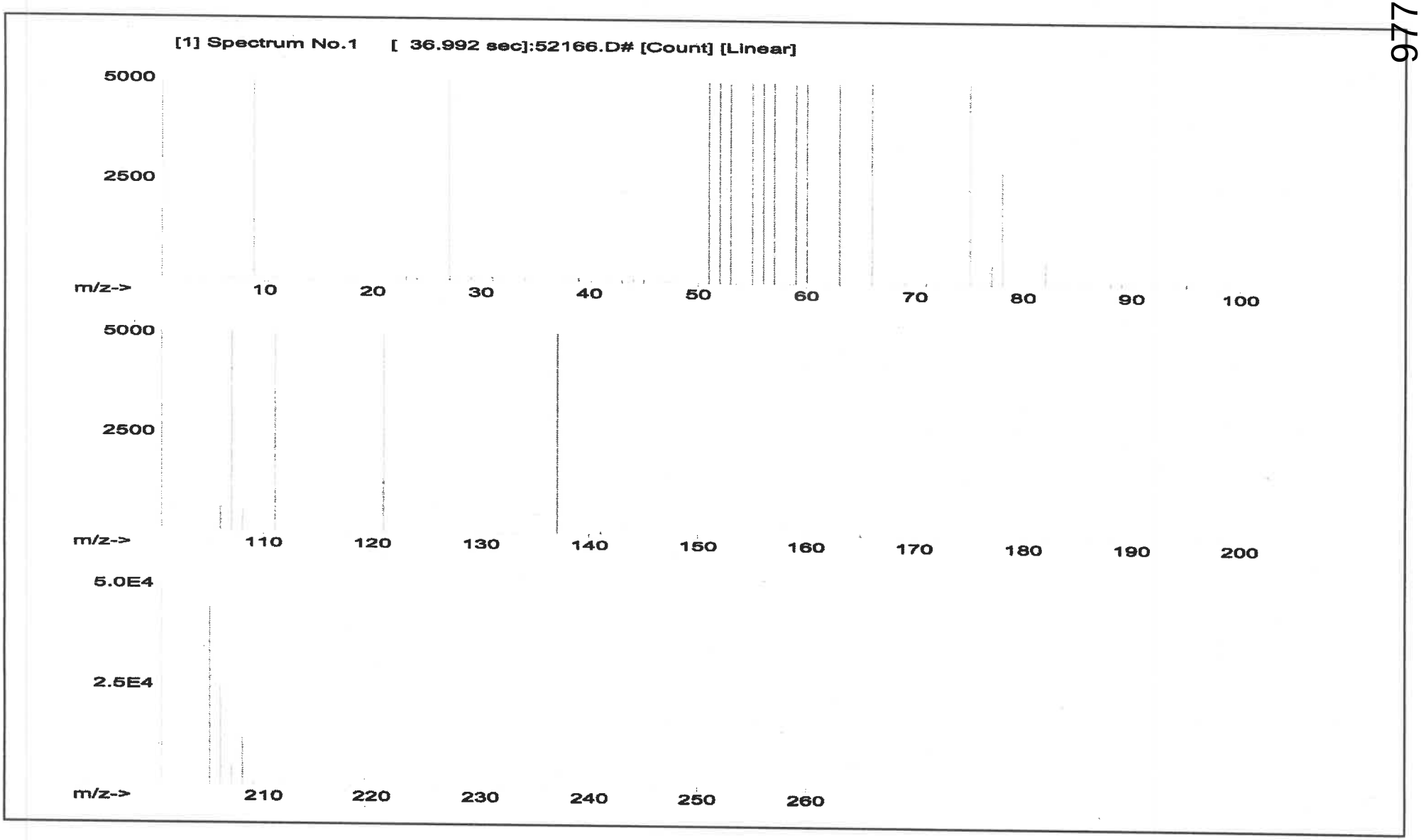
CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**52166**			
Lot Number:	**112823**	24002546	Nitric Acid	
Description:	**ILM 05.3 ICP-AES Spike Sample**			
	18 Components - Water Matrix	5.0%	25.0 (mL)	Nitric Acid
Expiration Date:	112826			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**Varied**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volumes shown below were diluted to (mL):	500.06	0.058	Flask Uncertainty	

Giovanni Esposito

Formulated By:	Giovanni Esposito	112823
Reviewed By:	Pedro L. Rentas	112823

	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.	Aluminum nitrate nonahydrate (Al)	58113	071123	0.0200	10.0	0.042	200	10000.1	**200.0**	**1.7**	7784-27-2	2 mg/m3	orl-rat 3671 mg/kg	3101a
2.	Antimony (Sb)	57051	041823	0.0100	5.00	0.017	10	1000.0	**10.0**	**0.07**	7440-36-0	0.5 mg/m3	orl-rat 7000 mg/kg	3102a
3.	Arsenic (As)	57033	090723	0.0040	2.00	0.017	4	1000.0	**4.00**	**0.08**	7440-38-2	0.01 mg/m3	orl-rat 763 mg/kg	3103a
4.	Barium nitrate (Ba)	58156	050222	0.0200	10.0	0.042	200	10000.1	**200.0**	**1.7**	10022-31-8	0.5 mg/m3	orl-rat 355 mg/kg	3104a
5.	Beryllium nitrate (Be)	57004	102523	0.0050	2.50	0.017	5	1000.0	**5.00**	**0.07**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA
6.	Cadmium nitrate tetrahydrate (Cd)	57048	071123	0.0050	2.50	0.017	5	1001.5	**5.00**	**0.07**	10022-68-1	0.01 mg/m3	orl-rat 60.2mg/kg	3108
7.	Chromium(III) nitrate nonahydrate (Cr)	57024	060523	0.0200	10.0	0.042	20	1000.0	**20.0**	**0.17**	7789-02-8	0.5 mg(Cr)/m3	orl-rat 3250 mg/kg	3112a
8.	Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.0050	2.50	0.017	50	10000.0	**50.0**	**0.7**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113
9.	Copper(II) nitrate trihydrate (Cu)	57029	102523	0.0250	12.50	0.084	25	1000.0	**25.0**	**0.3**	10031-43-3	1 mg/m3	orl-rat 794 mg/kg	3114
10.	Iron (Fe)	58126	051523	0.0100	5.00	0.017	100	10001.5	**100.0**	**0.7**	7439-89-6	5 mg/m3	orl-rat 7500mg/kg	3126a
11.	Lead(II) nitrate (Pb)	57282	101223	0.0200	10.0	0.042	2	100.0	**2.00**	**0.02**	10099-74-8	0.05 mg/m3	intrvns-rat 93 mg/kg	3128
12.	Manganese(II) nitrate tetrahydrate (Mn)	58125	071123	0.0050	2.50	0.017	50	10000.1	**50.0**	**0.7**	20694-39-7	5 mg/m3	orl-rat >300mg/kg	3132
13.	Nickel(II) nitrate hexahydrate (Ni)	58128	062023	0.0050	2.50	0.017	50	10000.4	**50.0**	**0.7**	13478-00-7	1 mg/m3	orl-rat 1620 mg/kg	3136
14.	Selenium(IV) oxide (Se)	57034	040123	0.0050	2.50	0.017	5	1000.0	**5.00**	**0.07**	7446-08-4	0.2 mg/m3	orl-rat 68 mg/kg	3149
15.	Silver nitrate (Ag)	57047	071123	0.0050	2.50	0.017	5	1000.6	**5.00**	**0.07**	7761-88-8	10 ug/m3	NA	3151
16.	Thallium nitrate (Tl)	57081	061322	0.0050	2.50	0.017	5	1000.0	**5.00**	**0.07**	10102-45-1	5 mg/m3	orl-rat 6700 mg/kg	3158
17.	Ammonium metavanadate (V)	58123	082823	0.0050	2.50	0.017	50	10000.0	**50.0**	**0.7**	7803-55-6	0.05 mg/m3	orl-rat 58.1mg/kg	3165
18.	Zinc nitrate hexahydrate (Zn)	58130	063023	0.0050	2.50	0.017	50	10000.0	**50.0**	**0.7**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168


[1] Spectrum No.1 [36.992 sec]:52166.D# [Count] [Linear]
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2500
m/z->
10 20 30 40 50 60 70 80 90 100
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m/z->
110 120 130 140 150 160 170 180 190 200
5.0E4
2.5E4
m/z->
210 220 230 240 250 260

878

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	T	Cd	T	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	T	Pr	<0.02	Se	T	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	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	T	Tl	T	V	T
Ba	T	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	T	Cr	T	Ga	<0.02	Fe	T	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	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	T	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:

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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M5768 M5769 (BP) R:1/3/24

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679

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid

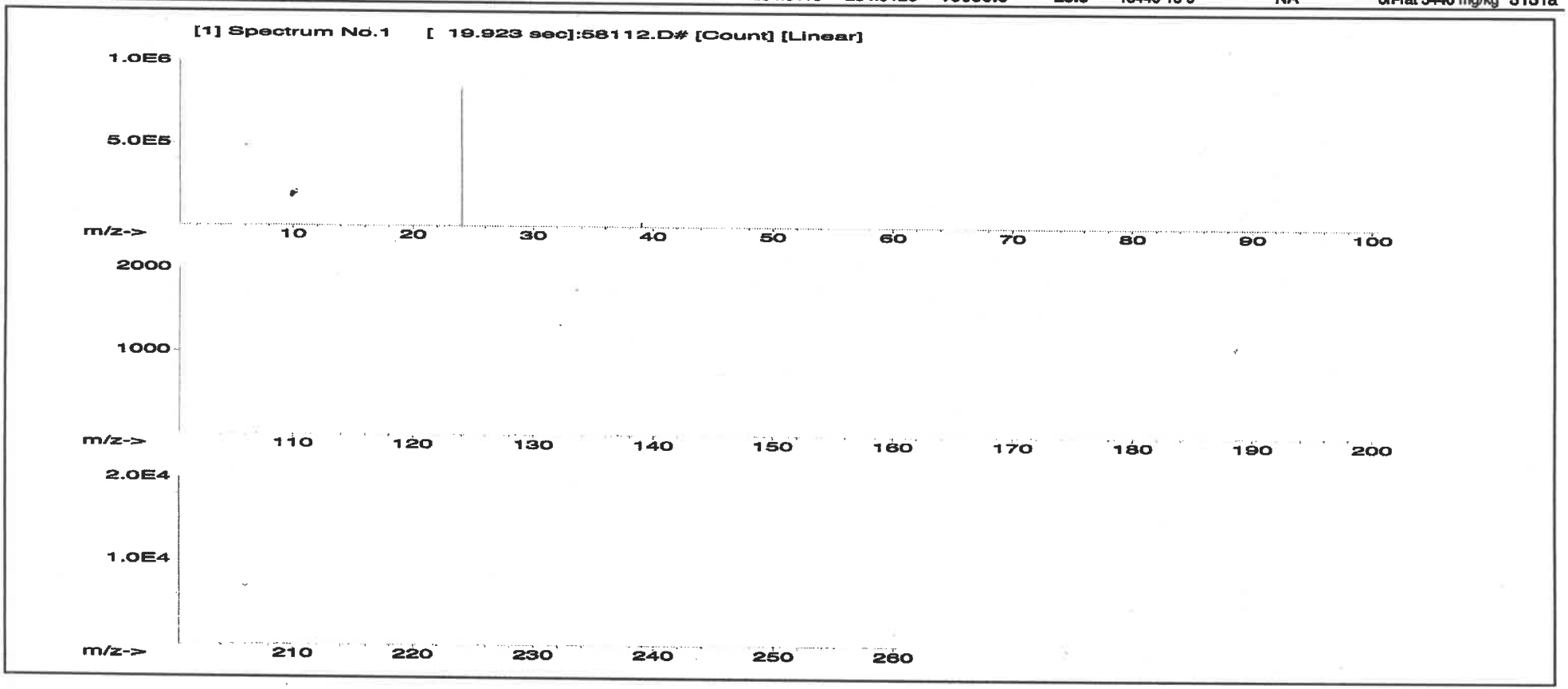
5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



980

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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981

CERTIFIED WEIGHT REPORT:

Part Number: 58112
Lot Number: 091823
Description: Magnesium (Mg)

Expiration Date: 091826
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 10000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 2000.02 0.058 Flask Uncertainty

		Lot #	
Solvent:	24002546	Nitric Acid	
	2%	40.0 (mL)	Nitric Acid

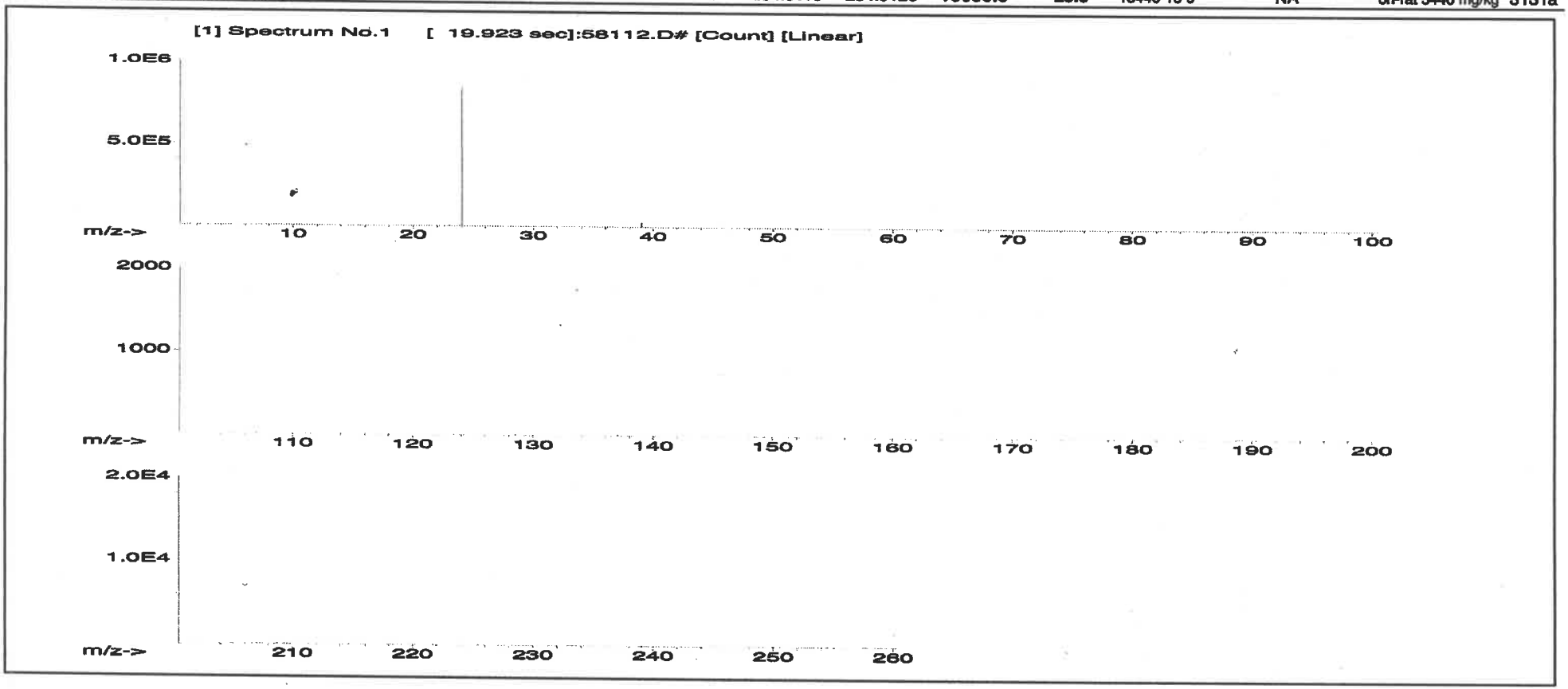
5E-05 Balance Uncertainty

M5768, M5769 (BP) R: 1/3/24

Formulated By: Lawrence Barry 091823

Reviewed By: Pedro L. Rentas 091823

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Magnesium nitrate hexahydrate (Mg)	IN030	MGD052023A1	10000	99.999	0.10	8.51	234.9118	234.9126	**10000.0**	**20.0**	13446-18-9	NA	ori-rat 5440 mg/kg	3131a



982

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	T	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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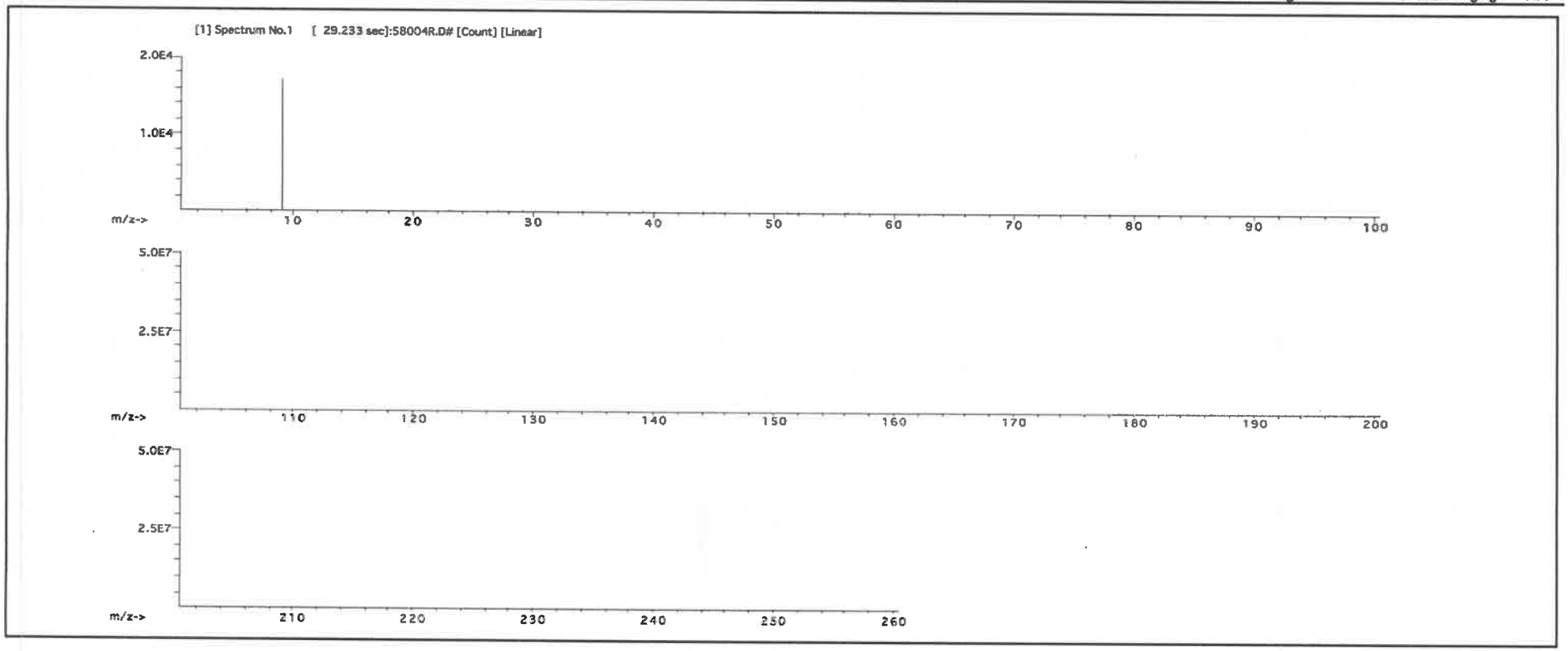
983

CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:	
Part Number:	**57004**	24002546	Nitric Acid	
Lot Number:	**102523**			
Description:	**Beryllium (Be)**	2.0%	40.0 (mL)	Nitric Acid
Expiration Date:	102526			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**1000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Benson Chan 102523
Reviewed By:	Pedro L. Rentas 102523

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Beryllium nitrate (Be)	58104	091423	0.1000	200.0	0.084	1000	10001.5	**1000.0**	**2.2**	13597-99-4	0.2ug/m3	intrvns-rat 3.16mg/kg	NA



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	T	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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985

CERTIFIED WEIGHT REPORT:

Part Number: 57050
Lot Number: 071123
Description: Tin (Sn)

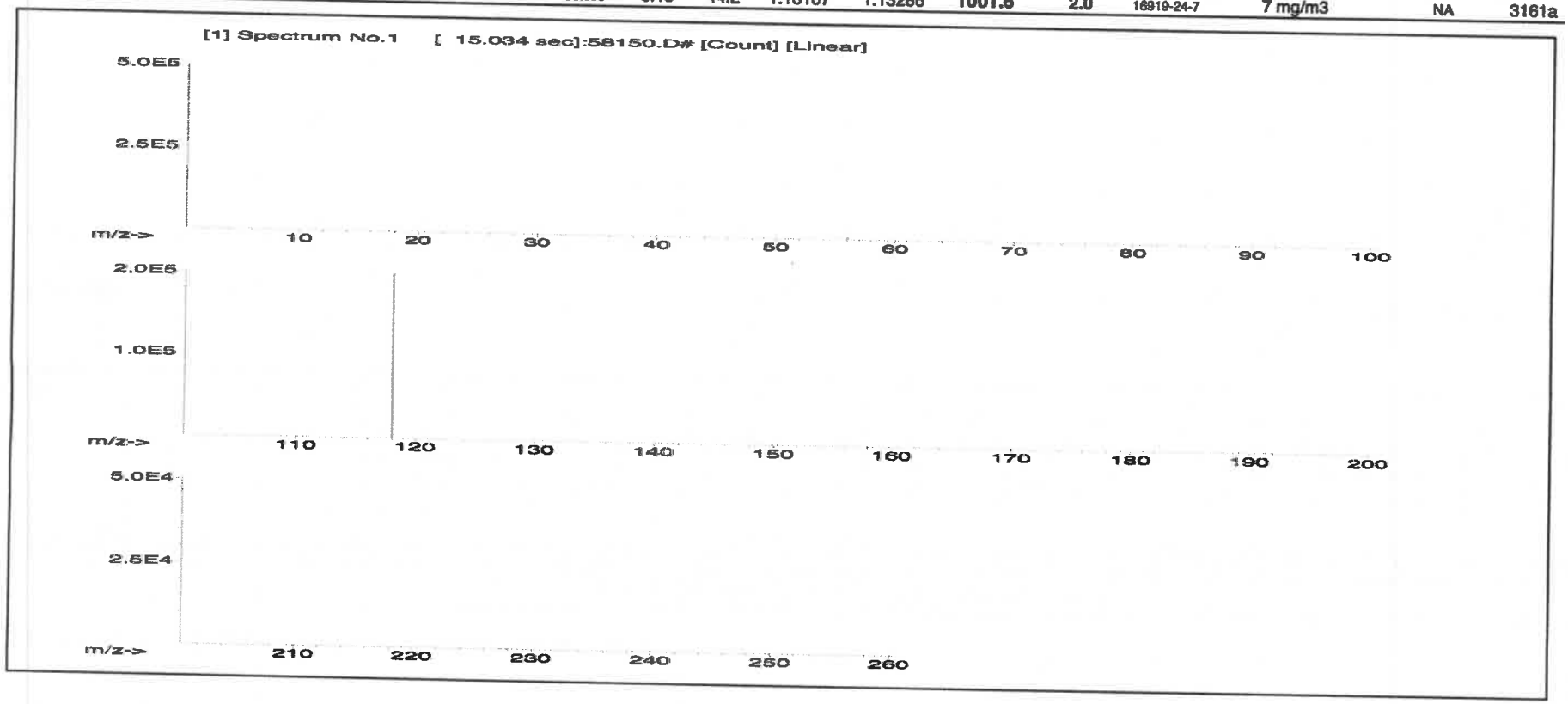
Expiration Date: 071126
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB
Weight shown below was diluted to (mL): 499.93

	Lot #	
Solvents:	21110221	Nitric Acid
	22D0562008	Hydrochloric acid
2%	10.0	Nitric Acid
6%	30.0	Hydrochloric acid
	(mL)	

5E-05 Balance Uncertainty
0.058 Flask Uncertainty

Formulated By:	Benson Chan	071123
Reviewed By:	Pedro L. Rentas	071123

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorostannate(IV) (Sn)	IN010	SND042023A1	1000	99.999	0.10	44.2	1.13107	1.13286	**1001.6**	**2.0**	16919-24-7	7 mg/m3	NA	3161a



9886

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<500	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	T	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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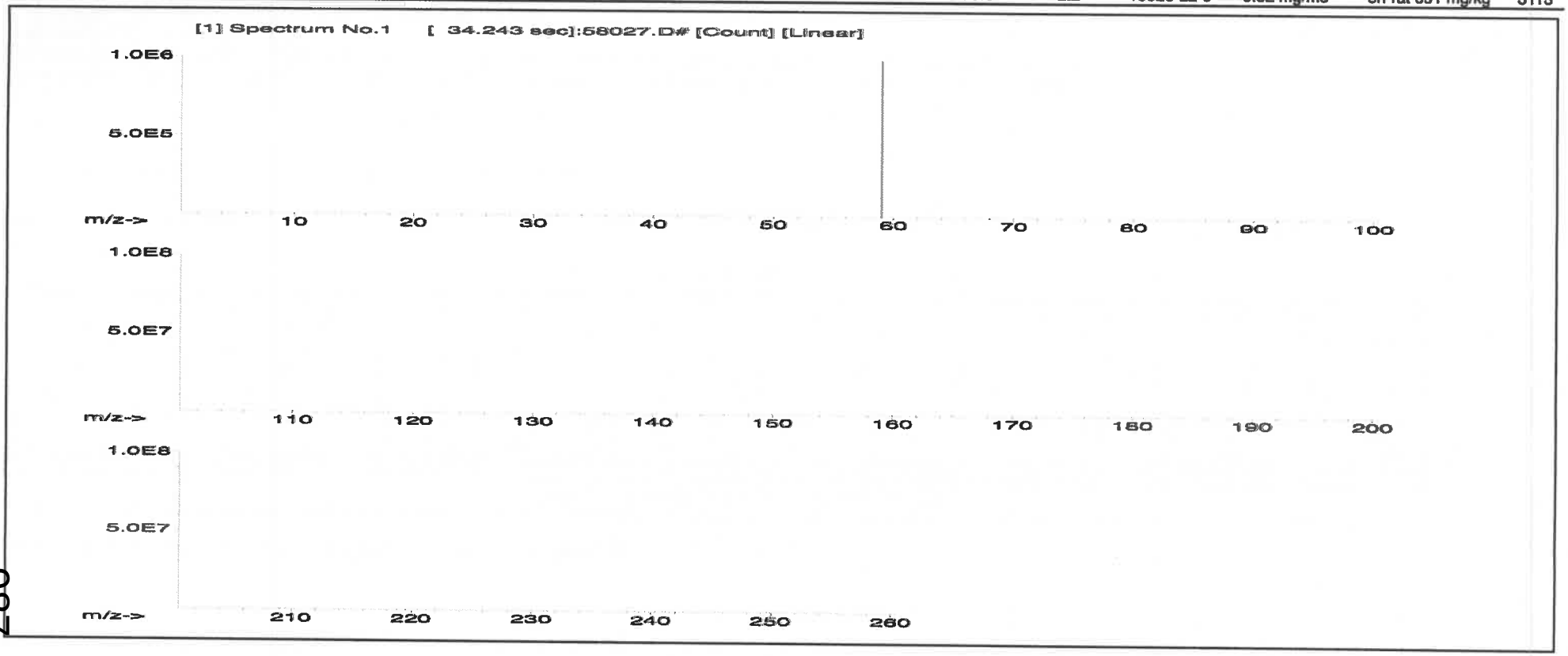
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CERTIFIED WEIGHT REPORT:

		Lot #	Solvent:		
Part Number:	**57027**	24002546	Nitric Acid		
Lot Number:	**091923**				
Description:	**Cobalt (Co)**	2.0%	40.0 (mL)	Nitric Acid	
Expiration Date:	091926				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	091923
Reviewed By:	Pedro L. Rentas	091923

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Cobalt(II) nitrate hexahydrate (Co)	58127	050923	0.1000	200.0	0.084	1000	10000.0	**1000.0**	**2.2**	10026-22-9	0.02 mg/m3	orl-rat 691 mg/kg	3113



987

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	T	Gé	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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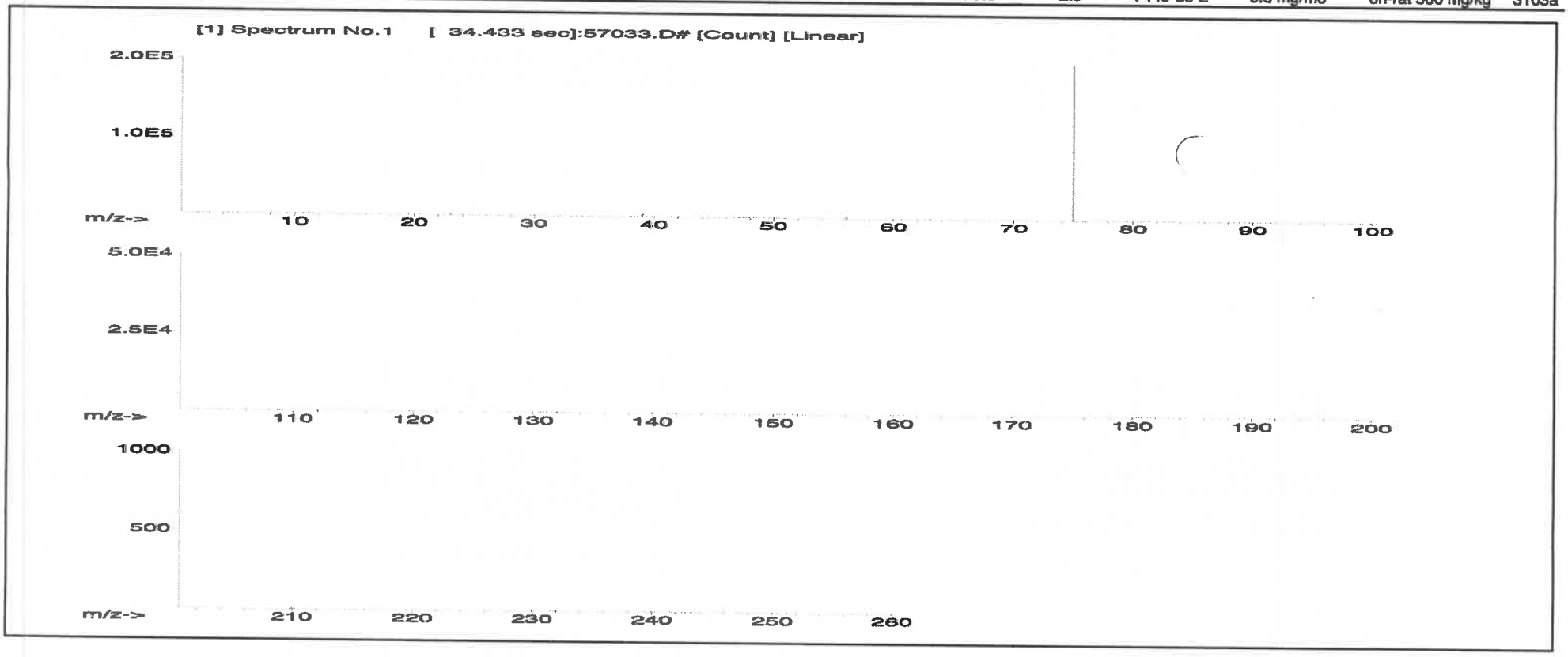
686

CERTIFIED **WEIGHT** REPORT:

		Lot #	Solvent:		
Part Number:	**57033**	24002546	Nitric Acid		
Lot Number:	**111323**				
Description:	**Arsenic (As)**	2.0%	80.0 (mL)	Nitric Acid	
Expiration Date:	111326				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**1000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Volume shown below was diluted to (mL):	4000.0	0.06	Flask Uncertainty		

Formulated By:	Lawrence Barry	111323
Reviewed By:	Pedro L. Rentas	111323

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Nominal Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Arsenic (As)	58133	020522	0.1000	400.0	0.084	1000	10001.0	**1000.0**	**2.0**	7440-38-2	0.5 mg/m3	orl-rat 500 mg/kg	3103a



066

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	T	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge*	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Purified acids, 18.2 megohm deionized water, calibrated Class A glassware and the highest purity raw materials are used in the preparation of all standards.
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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).

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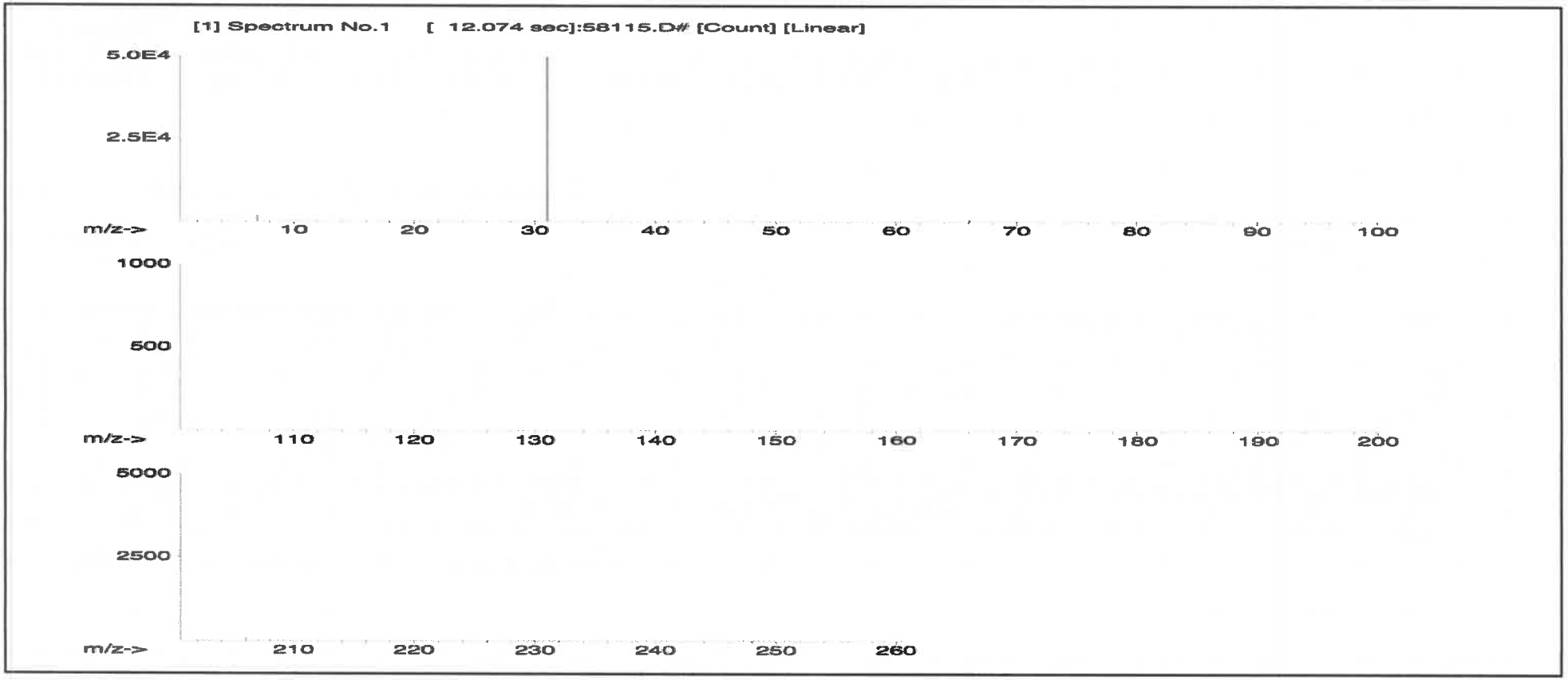
991

CERTIFIED WEIGHT REPORT:

			Lot #	
Part Number:	**57115**	**Solvent:**	21110221	Nitric Acid
Lot Number:	**041723**			
Description:	**Phosphorous (P)**	2%	40.0 (mL)	Nitric Acid
Expiration Date:	041726			
Recommended Storage:	Ambient (20 °C)			
Nominal Concentration (µg/mL):	**10000**			
NIST Test Number:	6UTB	5E-05	Balance Uncertainty	
Weight shown below was diluted to (mL):	2000.02	0.058	Flask Uncertainty	

Formulated By:	Lawrence Barry	041723
Reviewed By:	Pedro L. Rentas	041723

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium dihydrogen phosphate (P)	IN008	PV082019A1	10000	99.999	0.10	27.5	72.7287	72.7289	**10000.0**	**20.0**	7722-76-1	5 mg/m3	orl-rat >2000mg/kg	3186



992

Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	T	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

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993

CERTIFIED WEIGHT REPORT:

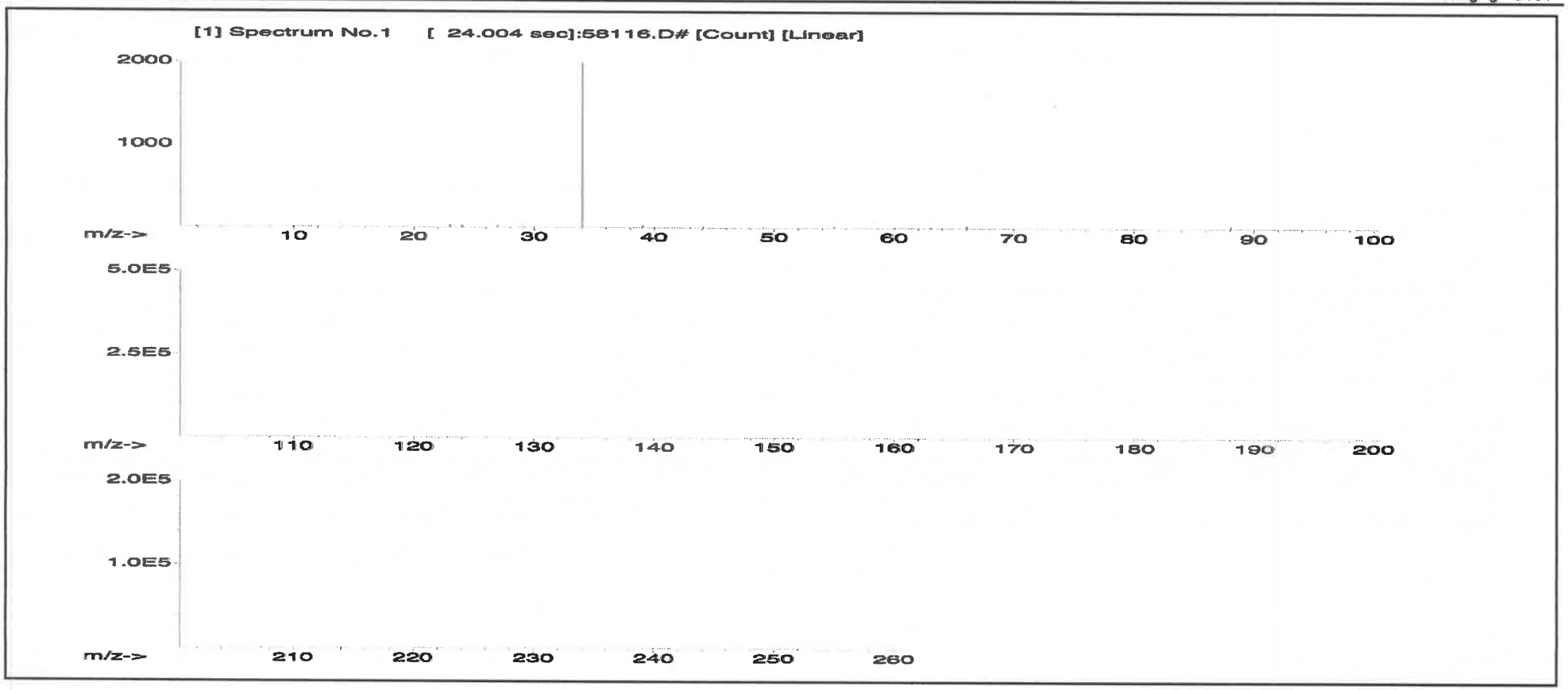
Part Number: 57116
Lot Number: 071123
Description: Sulfur (S)

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



994

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	T	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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995

CERTIFIED WEIGHT REPORT:

Part Number: 57014
Lot Number: 122023
Description: Silicon (Si)

Expiration Date: 122026
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

Weight shown below was diluted to (mL): 1999.48 0.058 Flask Uncertainty

Lot #

Solvent: 24002546 Nitric Acid

2% 40.0 (mL) Nitric Acid

5E-05 Balance Uncertainty

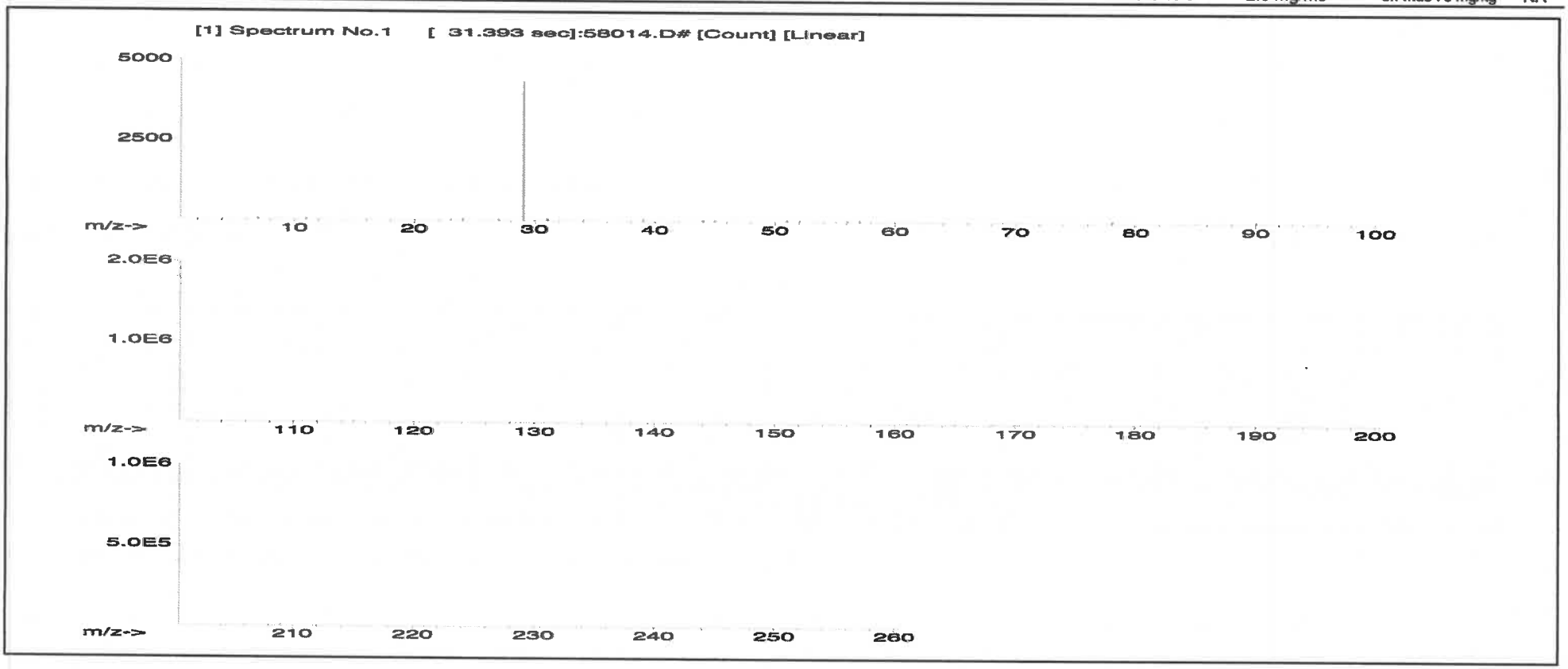
Aleah O'Brady

Formulated By: Aleah O'Brady 122023

Pedro Rentas

Reviewed By: Pedro L. Rentas 122023

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Ammonium hexafluorosilicate (Si)	IN009	SID082022A1	1000	99.999	0.10	14.4	13.8854	13.8855	**1000.0**	**2.0**	16919-19-0	2.5 mg/m3	orl-mus 70 mg/kg	NA



996

Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	T	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, D.C. (1994).

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997

CERTIFIED WEIGHT REPORT:

Part Number: 58030
Lot Number: 111623
Description: Zinc (Zn)

Expiration Date: 111626
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 1000
NIST Test Number: 6UTB

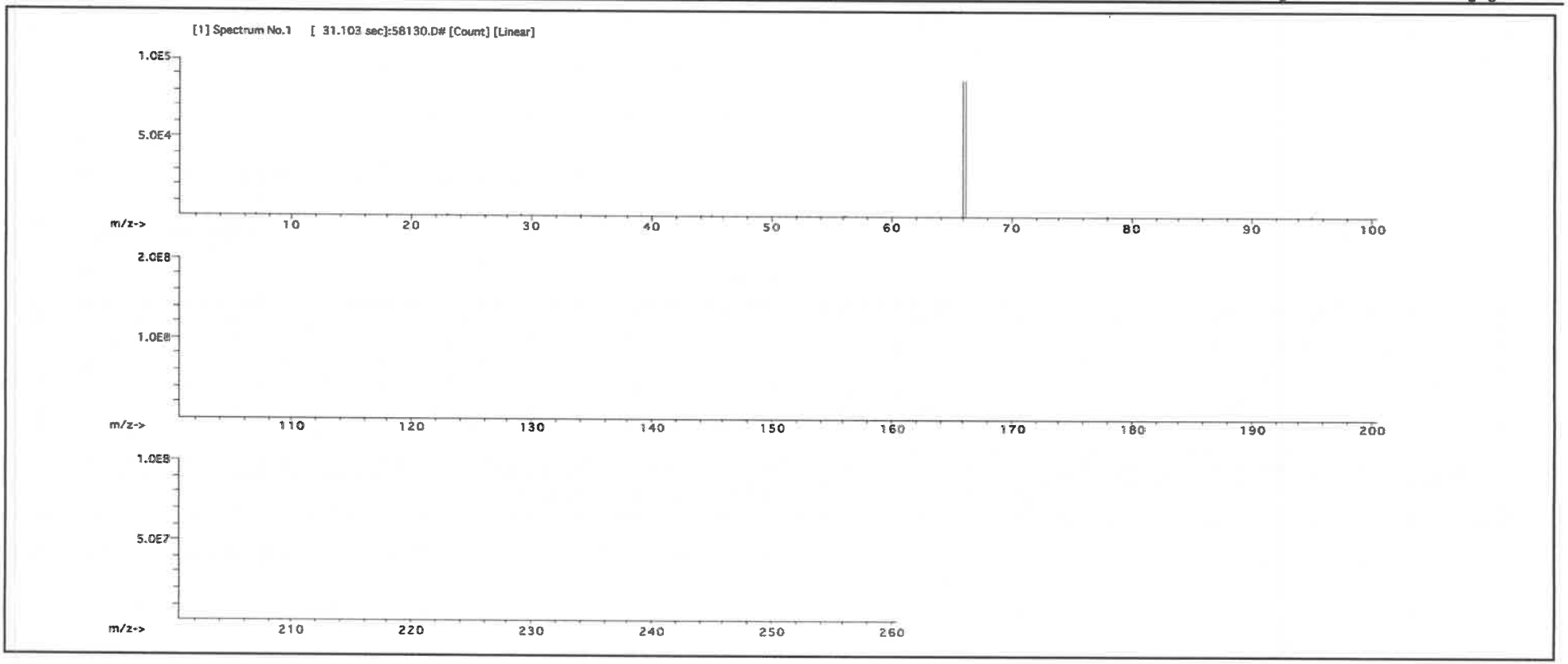
Weight shown below was diluted to (mL): 3000.4 0.06 Flask Uncertainty

	Lot #		
Solvent:	24002546	Nitric Acid	
	2%	60.0 (mL)	Nitric Acid

5E-05 Balance Uncertainty

Formulated By:	Benson Chan	111623
Reviewed By:	Pedro L. Rentas	111623

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	Actual Conc. (µg/mL)	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Zinc nitrate hexahydrate (Zn)	IN016	ZNE032021A1	1000	99.999	0.10	24.3	12.3475	12.3502	**1000.2**	**2.0**	10196-18-6	1 mg/m3	orl-rat 1190mg/kg	3168



Instrumental Analysis by Inductively Coupled Plasma Mass Spectrometry (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)

Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	<0.02	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	T
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T) = Target analyte

Physical Characterization:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

Certified by:

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Hydrochloric Acid, 36.5–38.0%
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis

avantor™ | J.T.Baker®

MS947 MS948 MS949
MS950 MS951 MS952

Material No.: 9530-33
Batch No.: 22G2862015
Manufactured Date: 2022-06-15
Retest Date: 2027-06-14
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (as HCl) (by acid-base titrn)	36.5 – 38.0 %	37.9 %
ACS – Color (APHA)	≤ 10	5
ACS – Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS – Specific Gravity at 60°/60°F	1.185 – 1.192	1.191
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	1.3 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 3.0 ppb
Trace Impurities – Barium (Ba)	≤ 1.0 ppb	0.2 ppb
Trace Impurities – Beryllium (Be)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities – Bismuth (Bi)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Boron (B)	≤ 20.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 1.0 ppb	< 0.3 ppb
Trace Impurities – Calcium (Ca)	≤ 50.0 ppb	163.0 ppb
Trace Impurities – Chromium (Cr)	≤ 1.0 ppb	0.7 ppb
Trace Impurities – Cobalt (Co)	≤ 1.0 ppb	< 0.3 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	0.6 ppb
Heavy Metals (as Pb)	≤ 100 ppb	< 50 ppb
Trace Impurities – Iron (Fe)	≤ 15 ppb	6 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.: 22G2862015

Test	Specification	Result
Trace Impurities - Lead (Pb)	≤ 1.0 ppb	< 0.5 ppb
Trace Impurities - Lithium (Li)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Magnesium (Mg)	≤ 10.0 ppb	2.9 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 ppb
Trace Impurities - Mercury (Hg)	≤ 0.5 ppb	0.1 ppb
Trace Impurities - Molybdenum (Mo)	≤ 10.0 ppb	< 3.0 ppb
Trace Impurities - Nickel (Ni)	≤ 4.0 ppb	< 0.3 ppb
Trace Impurities - Niobium (Nb)	≤ 1.0 ppb	0.8 ppb
Trace Impurities - Potassium (K)	≤ 9.0 ppb	< 2.0 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	0.5 ppb
Trace Impurities - Sodium (Na)	≤ 100.0 ppb	2.3 ppb
Trace Impurities - Strontium (Sr)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Tantalum (Ta)	≤ 1.0 ppb	1.6 ppb
Trace Impurities - Thallium (Tl)	≤ 5.0 ppb	< 2.0 ppb
Trace Impurities - Tin (Sn)	≤ 5.0 ppb	4.0 ppb
Trace Impurities - Titanium (Ti)	≤ 1.0 ppb	1.5 ppb
Trace Impurities - Vanadium (V)	≤ 1.0 ppb	< 0.2 ppb
Trace Impurities - Zinc (Zn)	≤ 5.0 ppb	0.8 ppb
Trace Impurities - Zirconium (Zr)	≤ 1.0 ppb	0.3 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.: 22G2862015

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

James T Ethier

Jamie Ethier
Vice President Global Quality

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Certified Reference Material CRM

R: 03/16/23 M5473, M5474, M5475, M5476

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AR-1539 Certificate Number
https://Absolutestandards.com

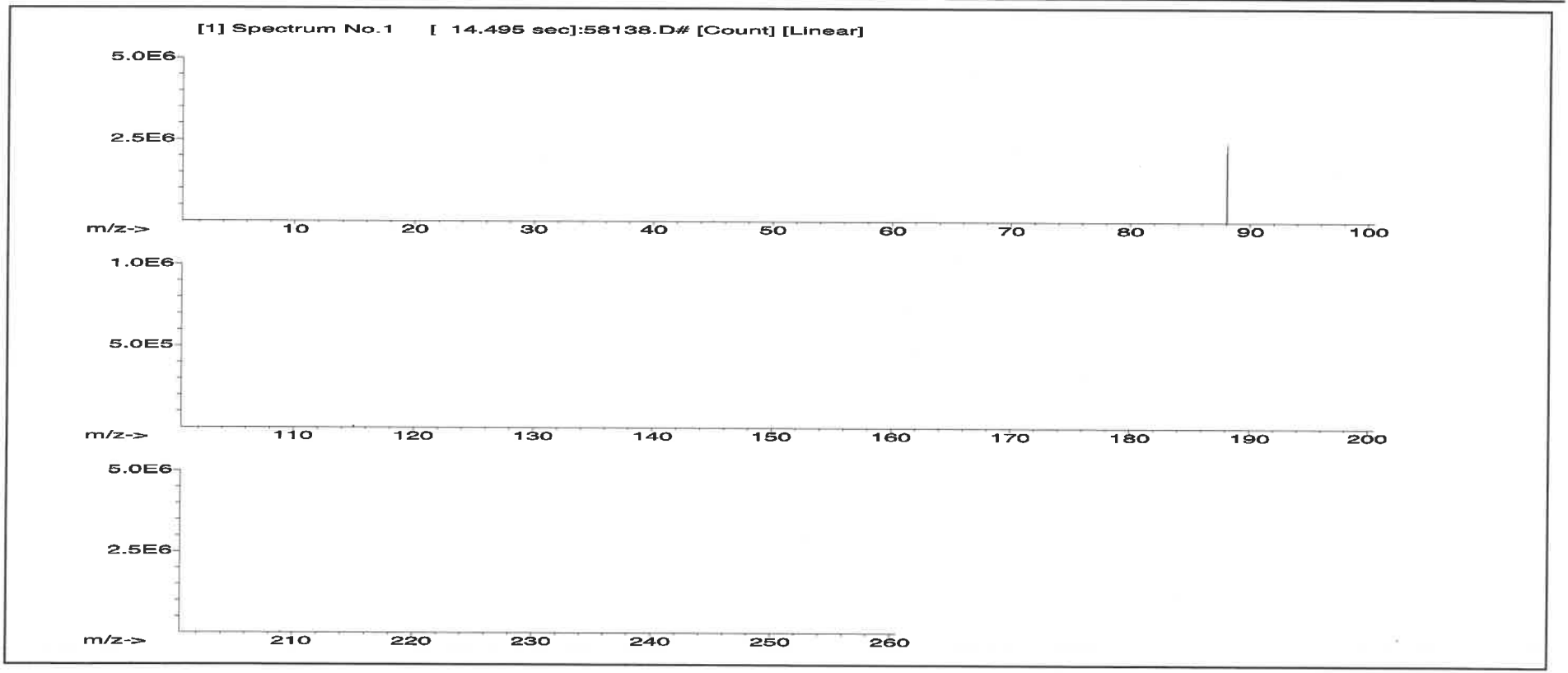
1005

CERTIFIED WEIGHT REPORT:

Part Number:	**56138**		**Lot #**		
Lot Number:	**082922**	**Solvent:**	20510011	Nitric Acid	
Description:	**Strontium (Sr)**	2%	20.0 (mL)	Nitric Acid	
Expiration Date:	082925				
Recommended Storage:	Ambient (20 °C)				
Nominal Concentration (µg/mL):	**10000**				
NIST Test Number:	6UTB	5E-05	Balance Uncertainty		
Weight shown below was diluted to (mL):	1000.12	0.058	Flask Uncertainty		

Formulated By:	Lawrence Barry	082922
Reviewed By:	Pedro L. Rentas	082922

Compound	RM#	Lot Number	Nominal Conc. (µg/mL)	Purity (%)	Uncertainty Purity (%)	Assay (%)	Target Weight (g)	Actual Weight (g)	**Actual Conc. (µg/mL)**	Expanded Uncertainty +/- (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) CAS#	OSHA PEL (TWA)	LD50	NIST SRM
1. Strontium nitrate (Sr)	IN017	SRZ022018A1	10000	99.997	0.10	41.2	24.2756	24.2758	**10000.1**	**20.0**	10042-76-9	NA	orl-rat >2000mg/kg	3153a



Instrumental Analysis by Inductively Coupled Plasma Mass Spectroscopy (ICP-MS):

Trace Metals Verification by ICP-MS (µg/mL)																	
Al	<0.02	Cd	<0.02	Dy	<0.02	Hf	<0.02	Li	<0.02	Ni	<0.02	Pr	<0.02	Se	<0.2	Tb	<0.02	W	<0.02
Sb	<0.02	Ca	<0.2	Er	<0.02	Ho	<0.02	Lu	<0.02	Nb	<0.02	Re	<0.02	Si	<0.02	Te	<0.02	U	<0.02
As	<0.2	Ce	<0.02	Eu	<0.02	In	<0.02	Mg	<0.01	Os	<0.02	Rh	<0.02	Ag	<0.02	Tl	<0.02	V	<0.02
Ba	<0.02	Cs	<0.02	Gd	<0.02	Ir	<0.02	Mn	<0.02	Pd	<0.02	Rb	<0.02	Na	<0.2	Th	<0.02	Yb	<0.02
Be	<0.01	Cr	<0.02	Ga	<0.02	Fe	<0.2	Hg	<0.2	P	<0.02	Ru	<0.02	Sr	T	Tm	<0.02	Y	<0.02
Bi	<0.02	Co	<0.02	Ge	<0.02	La	<0.02	Mo	<0.02	Pt	<0.02	Sm	<0.02	S	<0.02	Sn	<0.02	Zn	<0.02
B	<0.02	Cu	<0.02	Au	<0.02	Pb	<0.02	Nd	<0.02	K	<0.2	Sc	<0.02	Ta	<0.02	Ti	<0.02	Zr	<0.02

(T)= Target analyte

Physical Characterization:

Certified by:

Homogeneity: No heterogeneity was observed in the preparation of this standard.

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* 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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Soil/Sludge Metals Preparation Sheet

PB161708

SOP ID : M3050B-Digestion-20, MSFAM01.1-Trace Metals-2

SDG No : MYD542 **Start Digest Date:** 06/27/2024 **Time :** 08:38 **Temp :** 96 °C

Matrix : SOIL **End Digest Date:** 06/27/2024 **Time :** 11:39 **Temp :** 96 °C

Pippete ID: ICP A **Digestion tube ID:** M5785

Balance ID : M SC-2 **Block thermometer ID:** HG-DIG. #2

Filter paper ID : N/A **Dig Technician Signature:** Al

pH Strip ID : N/A **Supervisor Signature:** [signature]

Hood ID : #1 **Temp :** **1.** 96°C **2.** N/A

Block ID: **1.** HG HOT BLOCK #2 **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LCSS	1.00	MP81187
~~LCSS~~ Spike sol 6	4.00	MP81026
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

SJ
06/28/2024

Chemical Used	ML/SAMPLE USED	Lot Number
1:1 HNO3	10.00	MP81119
Conc. HNO3	5.00	M5940
30% H2O2	3.00	M5632
Conc. HCL	10.00	M5947
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:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/27/24 11:50	AHDig. Lab	[illegible]
	Preparation Group	Analysis Group

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Soil/Sludge Metals Preparation Sheet

PB161708

Lab Sample ID	Client Sample ID	pH	Initial Weight (g)	Final Vol (ml)	Color Before	Color After	Texture	Artifact	Comment	Prep Pos
P2825-01	MYD542	N/A	1.29	100	Brown	Light Brown	Medium	N/A	N/A	2-1
P2825-02	MYD542D	N/A	1.30	100	Brown	Light Brown	Medium	N/A	N/A	2
P2825-03	MYD542S	N/A	1.26	100	Brown	Light Brown	Medium	N/A	MP81026	3
P2825-04	MYD5P9	N/A	1.18	100	Brown	Light Brown	Medium	N/A	N/A	4
P2825-05	MYD5Q0	N/A	1.17	100	Brown	Light Brown	Medium	N/A	N/A	5
P2825-06	MYD5Q1	N/A	1.29	100	Brown	Light Brown	Medium	N/A	N/A	6
P2825-07	MYD5Q2	N/A	1.38	100	Brown	Light Brown	Medium	N/A	N/A	7
P2825-08	MYD5Q3	N/A	1.17	100	Brown	Light Brown	Medium	N/A	N/A	8
P2825-09	MYD5Q4	N/A	1.15	100	Brown	Light Brown	Medium	N/A	N/A	9
P2825-10	MYD5Q5	N/A	1.09	100	Brown	Light Brown	Medium	N/A	N/A	10
P2825-11	MYD5Q6	N/A	1.16	100	Brown	Light Brown	Medium	N/A	N/A	11
P2825-12	MYD5Q7	N/A	1.04	100	Brown	Light Brown	Medium	N/A	N/A	12
P2825-13	MYD5Q8	N/A	1.38	100	Brown	Light Brown	Medium	N/A	N/A	13
P2825-14	MYD5Q9	N/A	1.23	100	Brown	Light Brown	Medium	N/A	N/A	14
P2825-15	MYD5R0	N/A	1.02	100	Brown	Light Brown	Medium	N/A	N/A	15
P2825-16	MYD5R1	N/A	1.49	100	Brown	Light Brown	Medium	N/A	N/A	16
P2825-17	MYD5R2	N/A	1.17	100	Brown	Light Brown	Medium	N/A	N/A	17
P2825-18	MYD5G8	N/A	1.01	100	Brown	Light Brown	Medium	N/A	N/A	18
P2825-19	MYD5G9	N/A	1.02	100	Brown	Light Brown	Medium	N/A	N/A	19
P2825-20	MYD5H0	N/A	1.24	100	Brown	Light Brown	Medium	N/A	N/A	20
P2825-21	MYD5H1	N/A	1.22	100	Brown	Light Brown	Medium	N/A	N/A	21
PB161708BL	PBS708	N/A	1.00	100	Colorless	Colorless	Fine	N/A	N/A	22
PB161708BS	LCS708	N/A	1.00	100	Colorless	Colorless	Fine	N/A	MP81187	23

CHEMTECH
AN ALLIANCE TECHNICAL GROUP COMPANY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/28/24 14:22		Kareem	OK
2	S1	S01	CAL2	06/28/24 14:26		Kareem	OK
3	S2	S02	CAL3	06/28/24 14:31		Kareem	OK
4	S3	S03	CAL4	06/28/24 14:35		Kareem	OK
5	S4	S04	CAL5	06/28/24 14:40		Kareem	OK
6	S5	S05	CAL6	06/28/24 14:44		Kareem	OK
7	S6	S06	CAL7	06/28/24 14:48		Kareem	OK
8	ICV012	ICV012	ICV	06/28/24 15:04	Inst. paused for Calibration review	Kareem	OK
9	ICB012	ICB012	ICB	06/28/24 15:08		Kareem	OK
10	ICSA012	ICSA012	ICSA	06/28/24 15:15	Inst. paused for review	Kareem	OK
11	ICSAB012	ICSAB012	ICSAB	06/28/24 15:20		Kareem	OK
12	CCV080	CCV080	CCV	06/28/24 15:39	Inst. paused for review	Kareem	OK
13	CCB080	CCB080	CCB	06/28/24 15:46	Inst. paused for review	Kareem	OK
14	PB161736BL	PBW736	MB	06/28/24 15:50		Kareem	OK
15	PB161736BS	LCS736	LCS	06/28/24 15:55		Kareem	OK
16	PB161704BL	PBS704	MB	06/28/24 15:59		Kareem	OK
17	PB161704BS	LCS704	LCS	06/28/24 16:04		Kareem	OK
18	PB161705BL	PBS705	MB	06/28/24 16:08		Kareem	OK

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CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

19	PB161705BS	LCS705	LCS	06/28/24 16:13		Kareem	OK
20	PB161706BL	PBS706	MB	06/28/24 16:18		Kareem	OK
21	PB161706BS	LCS706	LCS	06/28/24 16:22		Kareem	OK
22	PB161707BL	PBS707	MB	06/28/24 16:27		Kareem	OK
23	PB161707BS	LCS707	LCS	06/28/24 16:31		Kareem	OK
24	PB161708BL	PBS708	MB	06/28/24 16:36		Kareem	OK
25	PB161708BS	LCS708	LCS	06/28/24 16:40		Kareem	OK
26	PB161709BL	PBS709	MB	06/28/24 16:45		Kareem	OK
27	PB161709BS	LCS709	LCS	06/28/24 16:49		Kareem	OK
28	P2975-01	E10R8	SAM	06/28/24 16:54		Kareem	OK
29	P2975-02	E10R9	SAM	06/28/24 16:58		Kareem	OK
30	P2975-03	E10S0	SAM	06/28/24 17:03		Kareem	OK
31	P2975-04	E10S1	SAM	06/28/24 17:07		Kareem	OK
32	P2975-05	E10S2	SAM	06/28/24 17:12		Kareem	OK
33	P2975-06	E10S3	SAM	06/28/24 17:16		Kareem	OK
34	CCV081	CCV081	CCV	06/28/24 17:21		Kareem	OK
35	CCB081	CCB081	CCB	06/28/24 17:25		Kareem	OK
36	P2975-07	E1179	SAM	06/28/24 17:30		Kareem	OK
37	P2975-08	E1180	SAM	06/28/24 17:34		Kareem	OK
38	P3016-18	E11R4	SAM	06/28/24 17:39		Kareem	OK

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ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

39	P3016-19	E11R5	SAM	06/28/24 17:43		Kareem	OK
40	P3016-20	E11R6	SAM	06/28/24 17:48		Kareem	OK
41	P2821-01	MYD4L1	SAM	06/28/24 17:52		Kareem	OK
42	P2821-02	MYD4L1D	DUP	06/28/24 17:57		Kareem	OK
43	P2821-01L	MYD4L1L	SD	06/28/24 18:01		Kareem	OK
44	P2821-03	MYD4L1S	MS	06/28/24 18:06	MS fail for Cu(0.3605673PPM), Pb(0.1279198PPM), Se(Below RL), Tl(Below RL), Zn(0.7395081PPM)	Kareem	OK
45	P2821-04	MYD5E9	SAM	06/28/24 18:10		Kareem	OK
46	P2821-05	MYD5F0	SAM	06/28/24 18:14		Kareem	OK
47	P2821-06	MYD5F1	SAM	06/28/24 18:19		Kareem	OK
48	P2821-07	MYD5F2	SAM	06/28/24 18:23		Kareem	OK
49	P2821-08	MYD5F3	SAM	06/28/24 18:27		Kareem	OK
50	P2821-09	MYD5F4	SAM	06/28/24 18:32		Kareem	OK
51	P2821-10	MYD5F5	SAM	06/28/24 18:36		Kareem	OK
52	P2821-11	MYD5F6	SAM	06/28/24 18:40		Kareem	OK
53	P2821-12	MYD5F7	SAM	06/28/24 18:45		Kareem	OK
54	P2821-13	MYD5F8	SAM	06/28/24 18:49		Kareem	OK
55	P2821-14	MYD5F9	SAM	06/28/24 18:54		Kareem	OK
56	CCV082	CCV082	CCV	06/28/24 18:58		Kareem	OK

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ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

57	CCB082	CCB082	CCB	06/28/24 19:02		Kareem	OK
58	P2821-15	MYD5G0	SAM	06/28/24 19:07		Kareem	OK
59	P2821-16	MYD5G1	SAM	06/28/24 19:11		Kareem	OK
60	P2821-17	MYD5G2	SAM	06/28/24 19:15		Kareem	OK
61	P2821-18	MYD5G3	SAM	06/28/24 19:20		Kareem	OK
62	P2821-19	MYD5G4	SAM	06/28/24 19:24		Kareem	OK
63	P2821-20	MYD5G5	SAM	06/28/24 19:29		Kareem	OK
64	P2821-21	MYD5G6	SAM	06/28/24 19:33		Kareem	OK
65	P2821-22	MYD5G7	SAM	06/28/24 19:37		Kareem	OK
66	P2809-10A	MYD4R7A	PS	06/28/24 19:42	PS For Se-0.007-MP81024,Tl-0.005-MP81025 - 10ml sample	Kareem	OK
67	P2810-01A	MYD4G6A	PS	06/28/24 19:46	PS For Se-0.007-MP81024,Tl-0.005-MP81025 - 10ml sample	Kareem	OK
68	P2811-17A	MYD4Y3A	PS	06/28/24 19:50	PS For Se-0.007-MP81024,Tl-0.005-MP81025,Zn- 0.032 - M5819 - 10ml sample	Kareem	OK
69	P2813-01A	MYD4Y4A	PS	06/28/24 19:55	PS For Se-0.007-MP81024,Tl-0.005-MP81025 - 10ml sample	Kareem	OK
70	P2814-01A	MYD4H3A	PS	06/28/24 19:59	PS For Se-0.007-MP81024,Tl-0.005-MP81025 - 10ml sample	Kareem	OK

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CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

71	P2815-11A	MYD536A	PS	06/28/24 20:03	PS For Se-0.007-MP81024,Tl-0.005-MP81025,Zn-0.027-M5819 - 10ml sample	Kareem	OK
72	P2816-01A	MYD4J8A	PS	06/28/24 20:08	PS For Se-0.007-MP81024,Tl-0.005-MP81025,Zn-0.01-M5819 - 10ml sample	Kareem	OK
73	P2817-04A	MYD570A	PS	06/28/24 20:12	PS For As-0.031-MP81248,Cr-0.016-MP81246,Se-0.007-MP81024,Tl-0.005-MP81025 - 10ml sample	Kareem	OK
74	P2818-01A	MYD581A	PS	06/28/24 20:17	PS For Se-0.007-MP81024,Zn-0.037-M5819 - 10ml sample	Kareem	OK
75	P2819-05A	MYD5B3A	PS	06/28/24 20:21	PS For Cr-0.17-MP81246,Cu-0.1-MP81247,Se-0.007-MP81024,Zn-0.012-M5819 - 10ml sample	Kareem	OK
76	P2820-05A	MYD5D4A	PS	06/28/24 20:25	PS For Se-0.007-MP81024,Tl-0.005-MP81025,Zn- 0.016 - M5819 - 10ml sample	Kareem	OK
77	P2814-19DL	MYD522	SAM	06/28/24 20:29	Not required	Kareem	Not Ok
78	CCV083	CCV083	CCV	06/28/24 20:34		Kareem	OK
79	CCB083	CCB083	CCB	06/28/24 20:38		Kareem	OK
80	P2820-19DL	MYD5E7	SAM	06/28/24 20:43	Not required	Kareem	Not Ok
81	P2822-01	MYD5H2	SAM	06/28/24 20:47		Kareem	OK

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AN ALLIANCE TECHNICAL GROUP COMPANY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

82	P2822-02	MYD5H2D	DUP	06/28/24 20:52		Kareem	OK
83	P2822-01L	MYD5H2L	SD	06/28/24 20:56		Kareem	OK
84	P2822-03	MYD5H2S	MS	06/28/24 21:01	MS fail for As(0.1722545PPM), Cu(0.3878602PPM), Se(Below RL), Tl(Below RL), V(0.5143108PPM)	Kareem	OK
85	P2822-04	MYD5H4	SAM	06/28/24 21:05		Kareem	OK
86	P2822-05	MYD5H5	SAM	06/28/24 21:09		Kareem	OK
87	P2822-06	MYD5H6	SAM	06/28/24 21:13		Kareem	OK
88	P2822-07	MYD5H7	SAM	06/28/24 21:18		Kareem	OK
89	P2822-08	MYD5H8	SAM	06/28/24 21:22		Kareem	OK
90	P2822-09	MYD5H9	SAM	06/28/24 21:27		Kareem	OK
91	P2822-10	MYD5J0	SAM	06/28/24 21:31		Kareem	OK
92	P2822-11	MYD5J1	SAM	06/28/24 21:35		Kareem	OK
93	P2822-12	MYD5J2	SAM	06/28/24 21:40		Kareem	OK
94	P2822-13	MYD5J3	SAM	06/28/24 21:44		Kareem	OK
95	P2822-14	MYD5J4	SAM	06/28/24 21:48	Mn High	Kareem	Dilution
96	P2822-15	MYD5J5	SAM	06/28/24 21:53	Mn High	Kareem	Dilution
97	P2822-16	MYD5J6	SAM	06/28/24 21:57	Mn High	Kareem	Dilution
98	P2822-17	MYD5J7	SAM	06/28/24 22:02	Mn High	Kareem	Dilution
99	P2822-18	MYD5J8	SAM	06/28/24 22:06	Mn High	Kareem	Dilution

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

100	CCV084	CCV084	CCV	06/28/24 22:10		Kareem	OK
101	CCB084	CCB084	CCB	06/28/24 22:15		Kareem	OK
102	P2822-19	MYD5K0	SAM	06/28/24 22:19	Mn High	Kareem	Dilution
103	P2822-20	MYD5K1	SAM	06/28/24 22:23	Mn High	Kareem	Dilution
104	P2822-21	MYD5K2	SAM	06/28/24 22:28	Mn High	Kareem	Dilution
105	P2822-22	MYD5K4	SAM	06/28/24 22:32	Mn High	Kareem	Dilution
106	P2823-01	MYD5X1	SAM	06/28/24 22:36		Kareem	OK
107	P2823-02	MYD5X1D	DUP	06/28/24 22:41		Kareem	OK
108	P2823-01L	MYD5X1L	SD	06/28/24 22:45		Kareem	OK
109	P2823-03	MYD5X1S	MS	06/28/24 22:50	MS fail for As(0.0417517PPM),Cr(0.6059198PPM),Pb(0.0818535PPM),Mn(1.991713PPM),Ni(0.2536192PPM),Se(Below RL)	Kareem	OK
110	P2823-04	MYD5L1	SAM	06/28/24 22:54	Mn High	Kareem	Dilution
111	P2823-05	MYD5L2	SAM	06/28/24 22:58		Kareem	OK
112	P2823-06	MYD5L3	SAM	06/28/24 23:03	Mn High	Kareem	Dilution
113	P2823-07	MYD5L4	SAM	06/28/24 23:07	Mn High	Kareem	Dilution
114	P2823-08	MYD5L5	SAM	06/28/24 23:11	Mn High	Kareem	Dilution
115	P2823-09	MYD5L6	SAM	06/28/24 23:16	Mn High	Kareem	Dilution
116	P2823-10	MYD5L7	SAM	06/28/24 23:20	Mn High	Kareem	Dilution

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: P5

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Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

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ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

117	P2823-11	MYD5L8	SAM	06/28/24 23:24	Mn High	Kareem	Dilution
118	P2823-12	MYD5L9	SAM	06/28/24 23:29		Kareem	OK
119	P2823-13	MYD5M0	SAM	06/28/24 23:33	Mn High	Kareem	Dilution
120	P2823-14	MYD5M1	SAM	06/28/24 23:37	Mn High	Kareem	Dilution
121	P2823-15	MYD5M2	SAM	06/28/24 23:42	Mn High	Kareem	Dilution
122	CCV085	CCV085	CCV	06/28/24 23:46		Kareem	OK
123	CCB085	CCB085	CCB	06/28/24 23:50		Kareem	OK
124	P2823-16	MYD5M3	SAM	06/28/24 23:55	Mn High	Kareem	Dilution
125	P2823-17	MYD5M4	SAM	06/28/24 23:59	Mn High	Kareem	Dilution
126	P2823-18	MYD5M5	SAM	06/29/24 00:04	Mn High	Kareem	Dilution
127	P2823-19	MYD5M6	SAM	06/29/24 00:08	Mn High	Kareem	Dilution
128	P2823-20	MYD5M7	SAM	06/29/24 00:12	Mn High	Kareem	Dilution
129	P2823-21	MYD5M8	SAM	06/29/24 00:17	Mn High	Kareem	Dilution
130	P2823-22	MYD5M9	SAM	06/29/24 00:21	Mn High	Kareem	Dilution
131	P2824-01	MYD5K5	SAM	06/29/24 00:25	Mn High	Kareem	Dilution
132	P2824-02	MYD5K5D	DUP	06/29/24 00:30	Mn High	Kareem	Dilution
133	P2824-01L	MYD5K5L	SD	06/29/24 00:34	Mn High	Kareem	Dilution
134	P2824-03	MYD5K5S	MS	06/29/24 00:38	Mn high,MS fail for Cr(0.6045513PPM),Se(Below RL),Tl(Below RL)	Kareem	Dilution
135	P2824-04	MYD5N0	SAM	06/29/24 00:43		Kareem	OK

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Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

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ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

136	P2824-05	MYD5N1	SAM	06/29/24 00:47	Mn High	Kareem	Dilution
137	P2824-06	MYD5N2	SAM	06/29/24 00:51	Mn High	Kareem	Dilution
138	P2824-07	MYD5N3	SAM	06/29/24 00:56	Mn High	Kareem	Dilution
139	P2824-08	MYD5N4	SAM	06/29/24 01:00	Mn High	Kareem	Dilution
140	P2824-09	MYD5N5	SAM	06/29/24 01:04	Mn High	Kareem	Dilution
141	P2824-10	MYD5N6	SAM	06/29/24 01:09	Mn High	Kareem	Dilution
142	P2824-11	MYD5N7	SAM	06/29/24 01:13	Mn High	Kareem	Dilution
143	P2824-12	MYD5N8	SAM	06/29/24 01:17	Mn High	Kareem	Dilution
144	CCV086	CCV086	CCV	06/29/24 01:22		Kareem	OK
145	CCB086	CCB086	CCB	06/29/24 01:26		Kareem	OK
146	P2824-13	MYD5N9	SAM	06/29/24 01:31	Mn High	Kareem	Dilution
147	P2824-14	MYD5P0	SAM	06/29/24 01:35		Kareem	OK
148	P2824-15	MYD5P1	SAM	06/29/24 01:40		Kareem	OK
149	P2824-16	MYD5P2	SAM	06/29/24 01:44		Kareem	OK
150	P2824-17	MYD5P3	SAM	06/29/24 01:48		Kareem	OK
151	P2824-18	MYD5P4	SAM	06/29/24 01:53		Kareem	OK
152	P2824-19	MYD5P5	SAM	06/29/24 01:57		Kareem	OK
153	P2824-20	MYD5P6	SAM	06/29/24 02:01	Mn High	Kareem	Dilution
154	P2824-21	MYD5P7	SAM	06/29/24 02:06		Kareem	OK
155	P2824-22	MYD5P8	SAM	06/29/24 02:10		Kareem	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

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Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

156	P2825-01	MYD542	SAM	06/29/24 02:14		Kareem	OK
157	P2825-02	MYD542D	DUP	06/29/24 02:19		Kareem	OK
158	P2825-01L	MYD542L	SD	06/29/24 02:23		Kareem	OK
159	P2825-03	MYD542S	MS	06/29/24 02:28	MS fail for As(0.2705676PPM), Cu(0.3912561PPM), Se(Below RL), Zn(1.091943PPM)	Kareem	OK
160	P2825-04	MYD5P9	SAM	06/29/24 02:32		Kareem	OK
161	P2825-05	MYD5Q0	SAM	06/29/24 02:36		Kareem	OK
162	P2825-06	MYD5Q1	SAM	06/29/24 02:41		Kareem	OK
163	P2825-07	MYD5Q2	SAM	06/29/24 02:45		Kareem	OK
164	P2825-08	MYD5Q3	SAM	06/29/24 02:49		Kareem	OK
165	P2825-09	MYD5Q4	SAM	06/29/24 02:54		Kareem	OK
166	P2825-10	MYD5Q5	SAM	06/29/24 03:07		Kareem	OK
167	P2825-11	MYD5Q6	SAM	06/29/24 03:11	Mn High	Kareem	Dilution
168	CCV087	CCV087	CCV	06/29/24 03:16		Kareem	OK
169	CCB087	CCB087	CCB	06/29/24 03:25	Inst. paused for review	Kareem	OK
170	P2825-12	MYD5Q7	SAM	06/29/24 03:30		Kareem	OK
171	P2825-13	MYD5Q8	SAM	06/29/24 03:34	Mn High	Kareem	Dilution
172	P2825-14	MYD5Q9	SAM	06/29/24 03:39		Kareem	OK
173	P2825-15	MYD5R0	SAM	06/29/24 03:43		Kareem	OK

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CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

174	P2825-16	MYD5R1	SAM	06/29/24 03:47		Kareem	OK
175	P2825-17	MYD5R2	SAM	06/29/24 03:52	Mn High	Kareem	Dilution
176	P2825-18	MYD5G8	SAM	06/29/24 03:56		Kareem	OK
177	P2825-19	MYD5G9	SAM	06/29/24 04:00		Kareem	OK
178	P2825-20	MYD5H0	SAM	06/29/24 04:05		Kareem	OK
179	P2825-21	MYD5H1	SAM	06/29/24 04:09		Kareem	OK
180	P2826-01	MYD546	SAM	06/29/24 04:13		Kareem	OK
181	P2826-01L	MYD546L	SD	06/29/24 04:18		Kareem	OK
182	P2826-02	MYD546D	DUP	06/29/24 04:22		Kareem	OK
183	P2826-03	MYD546S	MS	06/29/24 04:27	MS fail for As(0.2951106PPM),Se(Below RL)	Kareem	OK
184	P2826-04	MYD5R3	SAM	06/29/24 04:31	Mn High	Kareem	Dilution
185	P2826-05	MYD5R4	SAM	06/29/24 04:35		Kareem	OK
186	P2826-06	MYD5R5	SAM	06/29/24 04:40		Kareem	OK
187	P2826-07	MYD5R6	SAM	06/29/24 04:44		Kareem	OK
188	CCV088	CCV088	CCV	06/29/24 04:48		Kareem	OK
189	CCB088	CCB088	CCB	06/29/24 04:53		Kareem	OK
190	P2826-08	MYD5R7	SAM	06/29/24 04:57		Kareem	OK
191	P2826-09	MYD5R8	SAM	06/29/24 05:02		Kareem	OK
192	P2826-10	MYD5R9	SAM	06/29/24 05:06		Kareem	OK

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ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

193	P2826-11	MYD5S0	SAM	06/29/24 05:10	Mn High	Kareem	Dilution
194	P2826-12	MYD5S1	SAM	06/29/24 05:15		Kareem	OK
195	P2826-13	MYD5S2	SAM	06/29/24 05:19		Kareem	OK
196	P2826-14	MYD5S3	SAM	06/29/24 05:23		Kareem	OK
197	P2826-15	MYD5S4	SAM	06/29/24 05:28	Mn High	Kareem	Dilution
198	P2826-16	MYD5S5	SAM	06/29/24 05:32		Kareem	OK
199	P2826-17	MYD5S6	SAM	06/29/24 05:37	Mn High	Kareem	Dilution
200	P2826-18	MYD5S7	SAM	06/29/24 05:41		Kareem	OK
201	P2826-19	MYD5S8	SAM	06/29/24 05:45		Kareem	OK
202	P2826-20	MYD5S9	SAM	06/29/24 05:50	Mn High	Kareem	Dilution
203	P2826-21	MYD5T0	SAM	06/29/24 05:54		Kareem	OK
204	P2826-22	MYD5T1	SAM	06/29/24 05:58		Kareem	OK
205	P2828-01	MYD5H3	SAM	06/29/24 06:03		Kareem	OK
206	P2828-01L	MYD5H3L	SD	06/29/24 06:07		Kareem	OK
207	P2828-02	MYD5H3D	DUP	06/29/24 06:11		Kareem	OK
208	P2828-03	MYD5H3S	MS	06/29/24 06:16	MS fail for Cr(0.3328370PPM),Cu(0.6530863ppm).Se(Below RL),Tl(Below RL),Zn(1.610189PPM)	Kareem	OK
209	P2828-04	MYD5K6	SAM	06/29/24 06:20	Mn High	Kareem	Dilution
210	CCV089	CCV089	CCV	06/29/24 06:24		Kareem	OK

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ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

211	CCB089	CCB089	CCB	06/29/24 06:29		Kareem	OK
212	P2828-05	MYD5K7	SAM	06/29/24 06:33	Mn High	Kareem	Dilution
213	P2828-06	MYD5K8	SAM	06/29/24 06:38	Mn High	Kareem	Dilution
214	P2828-07	MYD5K9	SAM	06/29/24 06:42	Mn High	Kareem	Dilution
215	P2828-08	MYD5L0	SAM	06/29/24 06:46	Mn High	Kareem	Dilution
216	P2828-09	MYD4E6	SAM	06/29/24 06:50		Kareem	OK
217	P2828-10	MYD4E7	SAM	06/29/24 06:55		Kareem	OK
218	P2828-11	MYD4E8	SAM	06/29/24 06:59		Kareem	OK
219	P2828-12	MYD4E9	SAM	06/29/24 07:04		Kareem	OK
220	P2828-13	MYD4F0	SAM	06/29/24 07:08		Kareem	OK
221	P2828-14	MYD4F1	SAM	06/29/24 07:12		Kareem	OK
222	P2828-15	MYD4F2	SAM	06/29/24 07:17		Kareem	OK
223	P2828-16	MYD4F3	SAM	06/29/24 07:21		Kareem	OK
224	P2828-17	MYD4F4	SAM	06/29/24 07:25		Kareem	OK
225	P2828-18	MYD4F5	SAM	06/29/24 07:29		Kareem	OK
226	P2828-19	MYD4F6	SAM	06/29/24 07:34		Kareem	OK
227	P2820-19DL2	MYD5E7	SAM	06/29/24 07:38	2X for Mn	Kareem	Confirms
228	P2829-01	MYD5T2	SAM	06/29/24 07:43		Kareem	OK
229	P2829-02	MYD5T3	SAM	06/29/24 07:47		Kareem	OK
230	P2829-03	MYD5T4	SAM	06/29/24 07:51		Kareem	OK

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CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

231	P2829-04	MYD5T5	SAM	06/29/24 07:56		Kareem	OK
232	CCV090	CCV090	CCV	06/29/24 08:00		Kareem	OK
233	CCB090	CCB090	CCB	06/29/24 08:04		Kareem	OK
234	PB161710BL	PBS710	MB	06/29/24 08:09		Kareem	OK
235	PB161710BS	LCS710	LCS	06/29/24 08:13		Kareem	OK
236	PB161711BL	PBS711	MB	06/29/24 08:18		Kareem	OK
237	PB161711BS	LCS711	LCS	06/29/24 08:22		Kareem	OK
238	PB161712BL	PBS712	MB	06/29/24 08:27		Kareem	OK
239	PB161712BS	LCS712	LCS	06/29/24 08:31		Kareem	OK
240	PB161713BL	PBS713	MB	06/29/24 08:36		Kareem	OK
241	PB161713BS	LCS713	LCS	06/29/24 08:40		Kareem	OK
242	P2829-05	MYD5T6	SAM	06/29/24 08:45		Kareem	OK
243	P2829-06	MYD5T7	SAM	06/29/24 08:49		Kareem	OK
244	P2829-07	MYD5T8	SAM	06/29/24 08:53		Kareem	OK
245	P2829-08	MYD5T9	SAM	06/29/24 08:58		Kareem	OK
246	P2829-09	MYD5T9D	DUP	06/29/24 09:02		Kareem	OK
247	P2829-08L	MYD5T9L	SD	06/29/24 09:06		Kareem	OK

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CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

248	P2829-10	MYD5T9S	MS	06/29/24 09:11	MS fail for Ba(3.039342ppm),Cr(0.5076730ppm),Cu(1.570988ppm), Se(Below RL),Tl(Below RL),V(1.385149ppm),Zn(1.300744ppm)	Kareem	OK
249	P2829-11	MYD5W0	SAM	06/29/24 09:15		Kareem	OK
250	P2829-12	MYD5W1	SAM	06/29/24 09:19	Mn High	Kareem	Dilution
251	P2829-13	MYD5W2	SAM	06/29/24 09:24	Mn High	Kareem	Dilution
252	P2829-14	MYD5W3	SAM	06/29/24 09:28	Mn High	Kareem	Dilution
253	P2829-15	MYD5W4	SAM	06/29/24 09:32		Kareem	OK
254	CCV091	CCV091	CCV	06/29/24 09:37		Kareem	OK
255	CCB091	CCB091	CCB	06/29/24 09:41		Kareem	OK
256	P2829-16	MYD5W5	SAM	06/29/24 09:46		Kareem	OK
257	P2829-17	MYD5W6	SAM	06/29/24 09:50	Mn High	Kareem	Dilution
258	P2829-18	MYD5X0	SAM	06/29/24 09:54		Kareem	OK
259	P2829-19	MYD5X2	SAM	06/29/24 09:59		Kareem	OK
260	P2829-20	MYD5X3	SAM	06/29/24 10:03		Kareem	OK
261	P2830-01	MYD573	SAM	06/29/24 10:07		Kareem	OK
262	P2830-02	MYD573D	DUP	06/29/24 10:12		Kareem	OK
263	P2830-01L	MYD573L	SD	06/29/24 10:16		Kareem	OK
264	P2830-03	MYD573S	MS	06/29/24 10:21	MS fail for Se(Below RL),Tl(Below RL),Zn(1.235142ppm)	Kareem	OK

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ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

265	P2831-01	MYD5C5	SAM	06/29/24 10:25		Kareem	OK
266	P2831-02	MYD5C5D	DUP	06/29/24 10:29		Kareem	OK
267	P2831-01L	MYD5C5L	SD	06/29/24 10:34		Kareem	OK
268	P2831-03	MYD5C5S	MS	06/29/24 10:38	MS fail for Cu(0.7983432ppm),Pb(0.1047544ppm),Se(Below RL),Tl(Below RL)	Kareem	OK
269	P2832-01	MYD5E3	SAM	06/29/24 10:42		Kareem	OK
270	P2832-02	MYD5E3D	DUP	06/29/24 10:47		Kareem	OK
271	P2832-01L	MYD5E3L	SD	06/29/24 10:51		Kareem	OK
272	P2832-03	MYD5E3S	MS	06/29/24 10:55	MS fail for Cu(1.167239ppm),Se(Below RL),Zn(1.444952ppm)	Kareem	OK
273	P2833-01	MYD5J9	SAM	06/29/24 11:00	Mn High	Kareem	Dilution
274	P2833-02	MYD5J9D	DUP	06/29/24 11:04	Mn High	Kareem	Dilution
275	P2833-01L	MYD5J9L	SD	06/29/24 11:08	Mn High	Kareem	Dilution
276	CCV092	CCV092	CCV	06/29/24 11:13		Kareem	OK
277	CCB092	CCB092	CCB	06/29/24 11:17		Kareem	OK
278	P2833-03	MYD5J9S	MS	06/29/24 11:22	Mn high,MS fail for Ba(4.687471ppm),Se(Below RL),Tl(Below RL),Zn(1.234995ppm)	Kareem	Dilution
279	P2834-01	MYD5K3	SAM	06/29/24 11:26	Mn High in Dup,MS	Kareem	Dilution
280	P2834-02	MYD5K3D	DUP	06/29/24 11:30	Mn High	Kareem	Dilution

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

281	P2834-01L	MYD5K3L	SD	06/29/24 11:35	Mn High	Kareem	Dilution
282	P2834-03	MYD5K3S	MS	06/29/24 11:39	Mn high,MS fail for Ba(1.897607ppm),Se(Below RL),Tl(Below RL)	Kareem	Dilution
283	P3031-01	E11M7	SAM	06/29/24 11:43		Kareem	OK
284	P3031-02	E11M7D	DUP	06/29/24 11:48		Kareem	OK
285	P3031-01L	E11M7L	SD	06/29/24 11:52		Kareem	OK
286	P3031-03	E11M7S	MS	06/29/24 11:56	MS fail for As(0.1258610ppm)	Kareem	OK
287	P3032-01	E11E8	SAM	06/29/24 12:01		Kareem	OK
288	P3032-02	E11E8D	DUP	06/29/24 12:05		Kareem	OK
289	P3032-01L	E11E8L	SD	06/29/24 12:10		Kareem	OK
290	P3032-03	E11E8S	MS	06/29/24 12:14		Kareem	OK
291	P2835-01	MYD4A6	SAM	06/29/24 12:18		Kareem	OK
292	P2835-02	MYD4A7	SAM	06/29/24 12:23		Kareem	OK
293	P2835-03	MYD4A8	SAM	06/29/24 12:27		Kareem	OK
294	P2835-04	MYD4A9	SAM	06/29/24 12:31		Kareem	OK
295	P2835-05	MYD4A9D	DUP	06/29/24 12:36		Kareem	OK
296	P2835-04L	MYD4A9L	SD	06/29/24 12:40		Kareem	OK
297	P2835-06	MYD4A9S	MS	06/29/24 12:45	MS fail for As(0.2225569ppm),Ba(1.530131ppm),Se(Below RL)	Kareem	OK
298	CCV093	CCV093	CCV	06/29/24 12:49		Kareem	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

299	CCB093	CCB093	CCB	06/29/24 12:53		Kareem	OK
300	P2835-07	MYD4B0	SAM	06/29/24 12:58		Kareem	OK
301	P2835-08	MYD4B1	SAM	06/29/24 13:02		Kareem	OK
302	P2835-09	MYD4B2	SAM	06/29/24 13:07		Kareem	OK
303	P2835-10	MYD4B3	SAM	06/29/24 13:11		Kareem	OK
304	P2835-11	MYD4B4	SAM	06/29/24 13:15		Kareem	OK
305	P2835-12	MYD4B5	SAM	06/29/24 13:20		Kareem	OK
306	P2835-13	MYD4B6	SAM	06/29/24 13:24		Kareem	OK
307	P2835-14	MYD4B7	SAM	06/29/24 13:29		Kareem	OK
308	P2835-15	MYD4B8	SAM	06/29/24 13:33		Kareem	OK
309	P2835-16	MYD4B9	SAM	06/29/24 13:37		Kareem	OK
310	P2835-17	MYD4C0	SAM	06/29/24 13:42		Kareem	OK
311	P2835-18	MYD4C1	SAM	06/29/24 13:46		Kareem	OK
312	P2835-19	MYD4C2	SAM	06/29/24 13:50		Kareem	OK
313	P2835-20	MYD4C3	SAM	06/29/24 13:55		Kareem	OK
314	P2835-21	MYD4C4	SAM	06/29/24 13:59		Kareem	OK
315	P2835-22	MYD4C5	SAM	06/29/24 14:04		Kareem	OK
316	CCV094	CCV094	CCV	06/29/24 14:08		Kareem	OK
317	CCB094	CCB094	CCB	06/29/24 14:12		Kareem	OK
318	CCV095	CCV095	CCV	06/29/24 15:25	Inst. paused for review	Kareem	OK

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

319	CCB095	CCB095	CCB	06/29/24 15:30		Kareem	OK
320	P2822-14DL	MYD5J4	SAM	06/29/24 15:40	2X For Mn	Kareem	Confirms
321	P2822-15DL	MYD5J5	SAM	06/29/24 15:45	5X For Mn	Kareem	Confirms
322	P2822-16DL	MYD5J6	SAM	06/29/24 15:49	10X For Mn	Kareem	Confirms
323	P2822-17DL	MYD5J7	SAM	06/29/24 15:53	5X For Mn	Kareem	Confirms
324	P2822-18DL	MYD5J8	SAM	06/29/24 15:58	5X For Mn	Kareem	Confirms
325	P2822-19DL	MYD5K0	SAM	06/29/24 16:02	5X For Mn	Kareem	Confirms
326	P2822-20DL	MYD5K1	SAM	06/29/24 16:07	5X For Mn	Kareem	Confirms
327	P2822-21DL	MYD5K2	SAM	06/29/24 16:11	5X For Mn	Kareem	Confirms
328	P2822-22DL	MYD5K4	SAM	06/29/24 16:16	5X For Mn	Kareem	Confirms
329	P2823-04DL	MYD5L1	SAM	06/29/24 16:20	5X For Mn	Kareem	Confirms
330	P2823-06DL	MYD5L3	SAM	06/29/24 16:25	2X For Mn	Kareem	Confirms
331	P2823-07DL	MYD5L4	SAM	06/29/24 16:29	5X For Mn	Kareem	Confirms
332	P2823-08DL	MYD5L5	SAM	06/29/24 16:33	5X For Mn	Kareem	Confirms
333	P2823-09DL	MYD5L6	SAM	06/29/24 16:38	5X For Mn	Kareem	Confirms
334	P2823-10DL	MYD5L7	SAM	06/29/24 16:42	2X For Mn	Kareem	Confirms
335	P2823-11DL	MYD5L8	SAM	06/29/24 16:47	5X For Mn	Kareem	Confirms
336	P2823-13DL	MYD5M0	SAM	06/29/24 16:51	5X For Mn	Kareem	Confirms
337	P2823-14DL	MYD5M1	SAM	06/29/24 16:56	5X For Mn	Kareem	Confirms
338	P2823-15DL	MYD5M2	SAM	06/29/24 17:00	2X For Mn	Kareem	Confirms

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Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

339	P2823-16DL	MYD5M3	SAM	06/29/24 17:04	5X For Mn	Kareem	Confirms
340	CCV096	CCV096	CCV	06/29/24 17:09		Kareem	OK
341	CCB096	CCB096	CCB	06/29/24 17:13		Kareem	OK
342	P2823-17DL	MYD5M4	SAM	06/29/24 17:18	5X For Mn	Kareem	Confirms
343	P2823-18DL	MYD5M5	SAM	06/29/24 17:22	2X For Mn	Kareem	Confirms
344	P2823-19DL	MYD5M6	SAM	06/29/24 17:27	5X For Mn	Kareem	Confirms
345	P2823-20DL	MYD5M7	SAM	06/29/24 17:31	5X For Mn	Kareem	Confirms
346	P2823-21DL	MYD5M8	SAM	06/29/24 17:35	2X For Mn	Kareem	Confirms
347	P2823-22DL	MYD5M9	SAM	06/29/24 17:40	5X For Mn	Kareem	Confirms
348	P2824-04DL	MYD5N0	SAM	06/29/24 17:44	2X For Mn	Kareem	Confirms
349	P2824-05DL	MYD5N1	SAM	06/29/24 17:49	5X For Mn	Kareem	Confirms
350	P2824-06DL	MYD5N2	SAM	06/29/24 17:53	2X For Mn	Kareem	Confirms
351	P2824-07DL	MYD5N3	SAM	06/29/24 17:58	5X For Mn	Kareem	Confirms
352	P2824-08DL	MYD5N4	SAM	06/29/24 18:02	5X For Mn	Kareem	Confirms
353	P2824-09DL	MYD5N5	SAM	06/29/24 18:06	5X For Mn	Kareem	Confirms
354	P2824-10DL	MYD5N6	SAM	06/29/24 18:11	2X For Mn	Kareem	Confirms
355	P2824-11DL	MYD5N7	SAM	06/29/24 18:15	2X For Mn	Kareem	Confirms
356	P2824-12DL	MYD5N8	SAM	06/29/24 18:20	5X For Mn	Kareem	Confirms
357	P2824-13DL	MYD5N9	SAM	06/29/24 18:24	10X For Mn	Kareem	Confirms
358	P2824-20DL	MYD5P6	SAM	06/29/24 18:29	2X For Mn	Kareem	Confirms

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

359	P2824-01DL	MYD5K5	SAM	06/29/24 18:33	5X For Mn	Kareem	Confirms
360	P2824-02DL	MYD5K5D	DUP	06/29/24 18:38	5X For Mn	Kareem	Confirms
361	P2824-01LDL	MYD5K5L	SD	06/29/24 18:42	25X For Mn	Kareem	Confirms
362	CCV097	CCV097	CCV	06/29/24 18:46		Kareem	OK
363	CCB097	CCB097	CCB	06/29/24 18:51		Kareem	OK
364	P2824-03DL	MYD5K5S	MS	06/29/24 18:55	5X For Mn	Kareem	Confirms
365	P2825-11DL	MYD5Q6	SAM	06/29/24 19:00	2X For Mn	Kareem	Confirms
366	P2825-13DL	MYD5Q8	SAM	06/29/24 19:04	5X For Mn	Kareem	Confirms
367	P2825-17DL	MYD5R2	SAM	06/29/24 19:09	5X For Mn	Kareem	Confirms
368	P2826-04DL	MYD5R3	SAM	06/29/24 19:13	2X For Mn	Kareem	Confirms
369	P2826-11DL	MYD5S0	SAM	06/29/24 19:17	2X For Mn	Kareem	Confirms
370	P2826-15DL	MYD5S4	SAM	06/29/24 19:22	5X For Mn	Kareem	Confirms
371	P2826-17DL	MYD5S6	SAM	06/29/24 19:26	5X For Mn	Kareem	Confirms
372	P2826-20DL	MYD5S9	SAM	06/29/24 19:31	2X For Mn	Kareem	Confirms
373	P2828-04DL	MYD5K6	SAM	06/29/24 19:35	10X For Mn	Kareem	Confirms
374	P2828-05DL	MYD5K7	SAM	06/29/24 19:40	5X For Mn	Kareem	Confirms
375	P2828-06DL	MYD5K8	SAM	06/29/24 19:44	10X For Mn	Kareem	Confirms
376	P2828-07DL	MYD5K9	SAM	06/29/24 19:49	5X For Mn	Kareem	Confirms
377	P2828-08DL	MYD5L0	SAM	06/29/24 19:53	5X For Mn	Kareem	Confirms
378	P2829-12DL	MYD5W1	SAM	06/29/24 19:57	2X For Mn	Kareem	Confirms

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Instrument ID: P5

Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

379	P2829-13DL	MYD5W2	SAM	06/29/24 20:02	2X For Mn	Kareem	Confirms
380	P2829-14DL	MYD5W3	SAM	06/29/24 20:06	5X For Mn	Kareem	Confirms
381	P2829-17DL	MYD5W6	SAM	06/29/24 20:11	5X For Mn	Kareem	Confirms
382	P2833-01DL	MYD5J9	SAM	06/29/24 20:15	5X For Mn	Kareem	Confirms
383	P2833-02DL	MYD5J9D	DUP	06/29/24 20:20	5X For Mn	Kareem	Confirms
384	CCV098	CCV098	CCV	06/29/24 20:24		Kareem	OK
385	CCB098	CCB098	CCB	06/29/24 20:28		Kareem	OK
386	P2833-01LDL	MYD5J9L	SD	06/29/24 20:33	25X For Mn	Kareem	Confirms
387	P2833-03DL	MYD5J9S	MS	06/29/24 20:37	5X For Mn	Kareem	Confirms
388	P2834-01DL	MYD5K3	SAM	06/29/24 20:42	2X For Mn	Kareem	Confirms
389	P2834-02DL	MYD5K3D	DUP	06/29/24 20:46	2X For Mn	Kareem	Confirms
390	P2834-01LDL	MYD5K3L	SD	06/29/24 20:51	10X For Mn	Kareem	Confirms
391	PB161695BL	PBS695	MB	06/29/24 20:59		Kareem	OK
392	PB161695BS	LCS695	LCS	06/29/24 21:04		Kareem	OK
393	P2811-06	MYD4X2	SAM	06/29/24 21:08		Kareem	OK
394	P2821-01A	MYD4L1A	PS	06/29/24 21:13	PS for - Cu-0.0072 ml - M5521 , Pb - 0.026ml - MP81249 , Se - 0.07ml - MP81115 , Tl - 0.05ml - MP81116 , Zn - 0.015ml - M5819 - 10 ML Sample.	Kareem	OK

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Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

395	P2822-01A	MYD5H2A	PS	06/29/24 21:17	PS For AS-0.0034ML M5801,CU-0.0078ML M5521,SE-0.07ML MP81115,TL-0.05ML MP81116,V-0.01ML M5227-10 ML Sample	Kareem	OK
396	P2823-01A	MYD5X1A	PS	06/29/24 21:21	PS For AS-0.008ML MP81248,CR-0.012ML M5658,PB-0.016ML MP81249,MN-0.04ML M5698,NI-0.0051ML M5111,SE-0.07ML MP81115PS for AS-0.0059ML M5801,SE-0.07ML MP81115 - 10 ML Sample	Kareem	OK
397	P2824-01A	MYD5K5A	PS	06/29/24 21:26	PS for CR-0.012ML M5658,SE-0.07ML MPS1115,TL-0.05ML MP81116PS for AS-0.0059ML M5801,SE-0.07ML MP81115 - 10 ML Sample	Kareem	OK
398	P2825-01A	MYD542A	PS	06/29/24 21:30	PS for AS-0.0054ML M5801,CU-0.0078ML M5698,SE-0.07ML MP81115,ZN-0.022ML M5819 -10 ML Sample	Kareem	OK
399	P2826-01A	MYD546A	PS	06/29/24 21:35	PS for AS-0.0059ML M5801,SE-0.07ML MP81115 - 10 ML Sample	Kareem	OK

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Daily Analysis Runlog For Sequence/QCBatch ID # LB131456

Review By	Sarabjit Jaswal	Review On	6/29/2024 9:25:13 PM
Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

400	P2828-01A	MYD5H3A	PS	06/29/24 21:39	PS for CR- 0.0067ML M5658,CU- 0.013ML M5521,SE - 0.07ML MP81115,TL-0.05ML MP81116,ZN-0.032ML M5819- 10 ML Sample	Kareem	OK
401	P2829-08A	MYD5T9A	PS	06/29/24 21:43	PS for BA-0.061ML M5387,CR-0.01ML M5658,CU-0.031ML M5521,SE-0.07ML MP81115,TL-0.05ML MP81116,V-0.028ML M5227,ZN-0.026ML M5819-10 ml sample	Kareem	OK
402	P2830-01A	MYD573A	PS	06/29/24 21:48	PS for SE-0.07ML MP81115,TL-0.05ML MP81116,ZN-0.025ML M5819 - 10 ML Sample	Kareem	OK
403	P2831-01A	MYD5C5A	PS	06/29/24 21:52	PS for Cu-0.016ml - M5521 , Pb-0.021ml MP81249 , Se-0.07ml - MP81115 , Tl - 0.05ml - MP81116 - in to 10 ml Sample	Kareem	OK
404	P2832-01A	MYD5E3A	PS	06/29/24 21:56	PS for Cu-0.024ml - M5521 , Se-0.07ml MP81115, Zn-0.029 - M5819 - in to 10 ml Sample	Kareem	OK
405	CCV099	CCV099	CCV	06/29/24 22:01		Kareem	OK
406	CCB099	CCB099	CCB	06/29/24 22:05		Kareem	OK

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Supervise By	mohammad ahmed	Supervise On	6/30/2024 4:35:54 AM

STD. NAME	STD REF.#
ICAL Standard	MP80924,MP81209,MP80928,MP80927,MP80926,MP80925,MP80935
ICV Standard	MP80931
CCV Standard	MP80934
ICSA Standard	MP80932,MP80933
CRI Standard	MP81024,M5819
LCS Standard	
Chk Standard	MP80942,MP80944

407	P2833-01A	MYD5J9A	PS	06/29/24 22:10	PS for BA-0.094ML M5387,SE-0.07ML MP81115,TL-0.05ML MP81116,ZN-0.025ML M5819 - 10 ML Sample	Kareem	OK
408	P2834-01A	MYD5K3A	PS	06/29/24 22:14	PS for Ba - 0.038ml - M5387 , Se-0.07ml - MP81115 , Tl - 0.05ml - MP81116 - in to 10 ml Sample	Kareem	OK
409	P2835-04A	MYD4A9A	PS	06/29/24 22:18	PS for As-0.0044ml M5801, Ba-0.031ml M5387 , Se-0.07ml MP81115 - in to 10 ml Sample.	Kareem	OK
410	P3031-01A	E11M7A	PS	06/29/24 22:23	PS for As-0.025ml MP81248 - in to 10 ml Sample	Kareem	OK
411	P2834-03DL	MYD5K3S	MS	06/29/24 22:27	2X For Mn	Kareem	Confirms
412	CCV001	CCV001	CCV	06/29/24 22:32		Kareem	OK
413	CCB001	CCB001	CCB	06/29/24 22:36		Kareem	OK

ORIGIN ID:MSCA (480) 477-4900
CAROLINA GUIJARRO
WESTON SOLUTIONS
105 SOUTH ALARCO STREET
APARTMENT #6
PRESCOTT, AZ 86284
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) 789-3900
INV:
PO:
REF: W3150.1.043.09MX.A.K0P551.0700
DEPT:

583J3/6CA9/9AE3

J242224832601uv

FedEx Express

Label 24 08:54 2/9.C

TRK# 0201 **7767 4279 6255**

MON - 10 JUN 10:30A
PRIORITY OVERNIGHT

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63

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CAROLINA GUIJARRO
WESTON SOLUTIONS
105 SOUTH ALARCO STREET
APARTMENT #6
PRESCOTT, AZ 86284
UNITED STATES US

SHIP DATE: 07JUN24
ACTWGT: 25.00 LB
CAD: 110555859/INET4730
DIMS: 25x14x15 IN

BILL SENDER

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284 SHEFFIELD ST
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(908) 789-8900
INV:
PO:
REF: W3150.1.043.09MX.AK0P551.0700
DEPT:

6/10/24
8:54

21.1 C

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J242024032601uv

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TRK# 0201 **7767 6242 3713**

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105 SOUTH ALARCO STREET
APARTMENT #6
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UNITED STATES US

SHIP DATE: 07JUN24
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DIMS: 25x14x15 IN

BILL SENDER

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DEPT:

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J242024032601uv

FedEx Express

6/10/24 20.8°C 0854

MON - 10 JUN 10:30A
PRIORITY OVERNIGHT

TRK# 0201 **7767 6247 8710**

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PC

CHEMTECH 284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Login Summary Report

Order ID :	P2825	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 8:36:21 AM				

Sample ID	Client ID	Matrix	Sampling Date	Test	Test Group	Method	TAT Days	Fax Due Date	HC Due Date
P2825-01	MYD542	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-02	MYD542D	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-03	MYD542S	Solid	06/05/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-04	MYD5P9	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-05	MYD5Q0	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-06	MYD5Q1	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-07	MYD5Q2	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-08	MYD5Q3	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-09	MYD5Q4	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-10	MYD5Q5	Solid	06/06/2024						
				Metals CLP Full		SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids		Chemtech -SOP	15	07/01/2024	07/01/2024

P2825-11	MYD5Q6	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-12	MYD5Q7	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-13	MYD5Q8	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-14	MYD5Q9	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-15	MYD5R0	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-16	MYD5R1	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-17	MYD5R2	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-18	MYD5G8	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-19	MYD5G9	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-20	MYD5H0	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024
P2825-21	MYD5H1	Solid	06/06/2024					
				Metals CLP Full	SFAM_AES	15	07/01/2024	07/01/2024
				Percent Solids	Chemtech -SOP	15	07/01/2024	07/01/2024

WORKLIST(Hardcopy Internal Chain)

WorkList Name : PB161708 **WorkList ID :** 181425 **Department :** Digestion **Date :** 06-26-2024 11:02:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2825-01	MYD542	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/05/2024	SFAM_AES
P2825-02	MYD542D	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/05/2024	SFAM_AES
P2825-03	MYD542S	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/05/2024	SFAM_AES
P2825-04	MYD5P9	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/05/2024	SFAM_AES
P2825-05	MYD5Q0	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-06	MYD5Q1	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-19	MYD5G9	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-20	MYD5H0	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-21	MYD5H1	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-13	MYD5Q8	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-14	MYD5Q9	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-15	MYD5R0	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-16	MYD5R1	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-17	MYD5R2	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-18	MYD5G8	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-07	MYD5Q2	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-08	MYD5Q3	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-09	MYD5Q4	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-10	MYD5Q5	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-11	MYD5Q6	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES
P2825-12	MYD5Q7	Solid	Metals CLP Full	Cool 4 deg C	USEP01	Q11	06/06/2024	SFAM_AES

1039

Date/Time 6/27/24 8:09

Raw Sample Received by: AMG Lab

Raw Sample Relinquished by: [signature]

Date/Time 6/27/24 8:56

Raw Sample Received by: [signature]

Raw Sample Relinquished by: AMG Lab