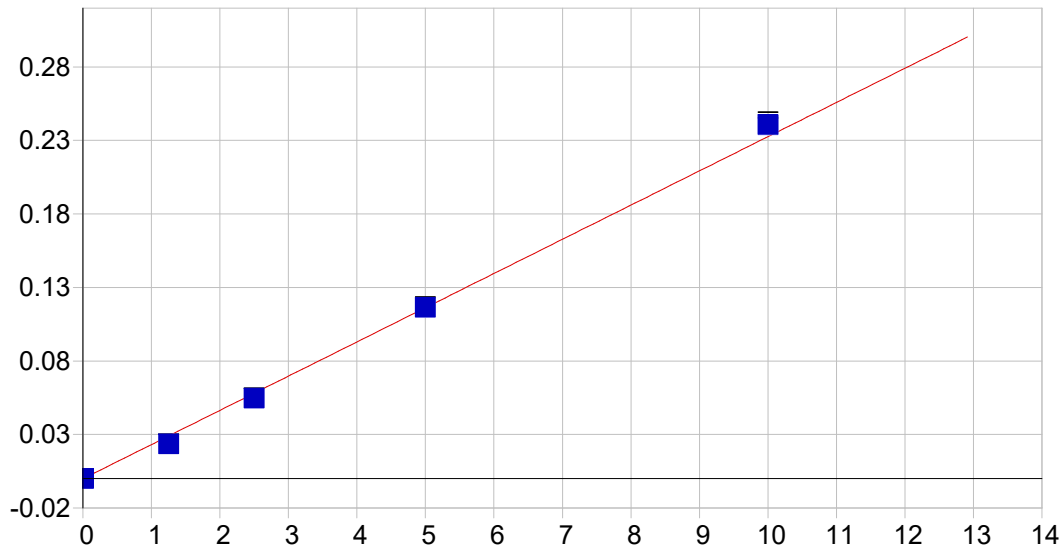
Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



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

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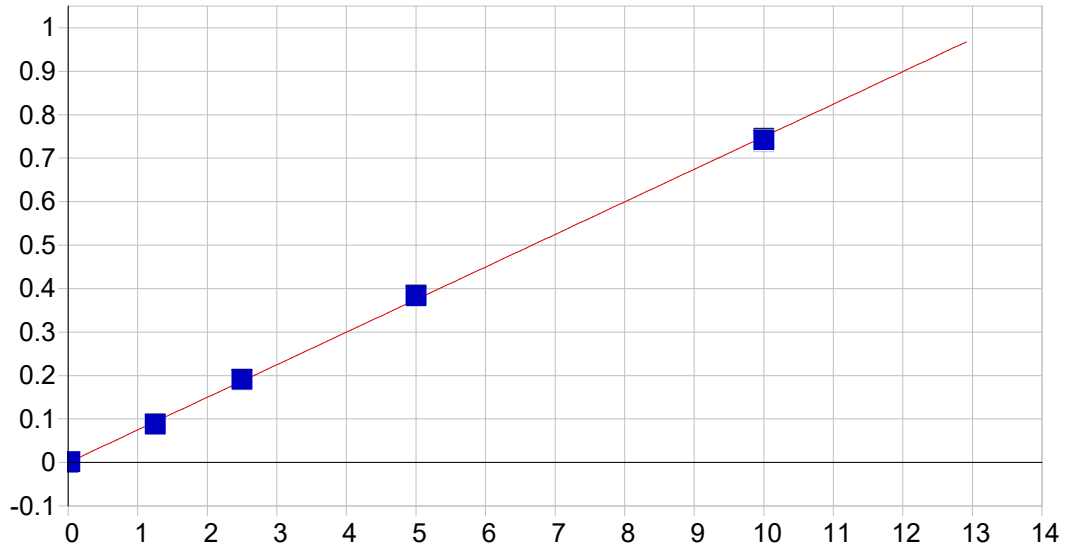
Inst Id :P5



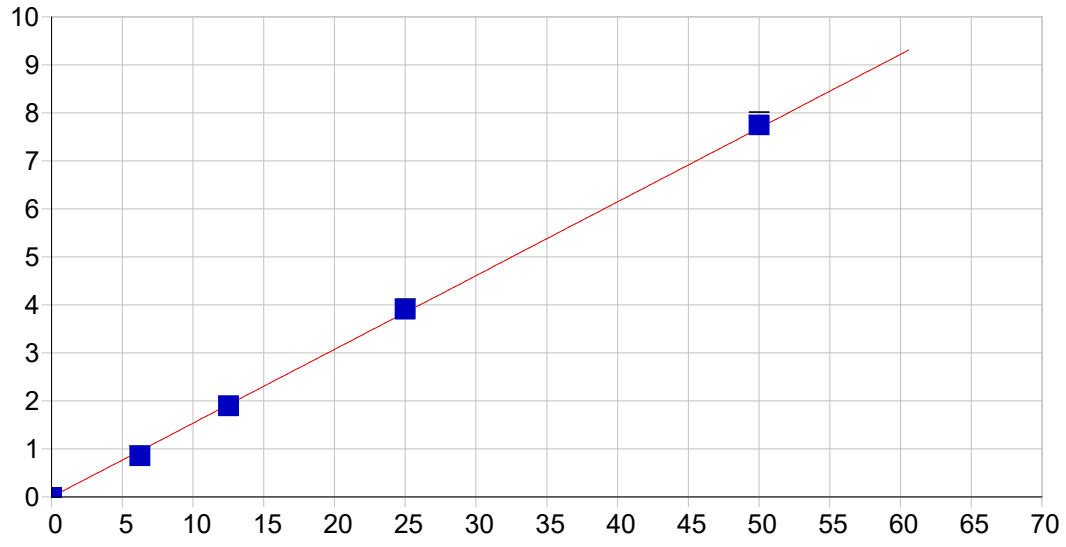
Tl 190.856 {477}

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



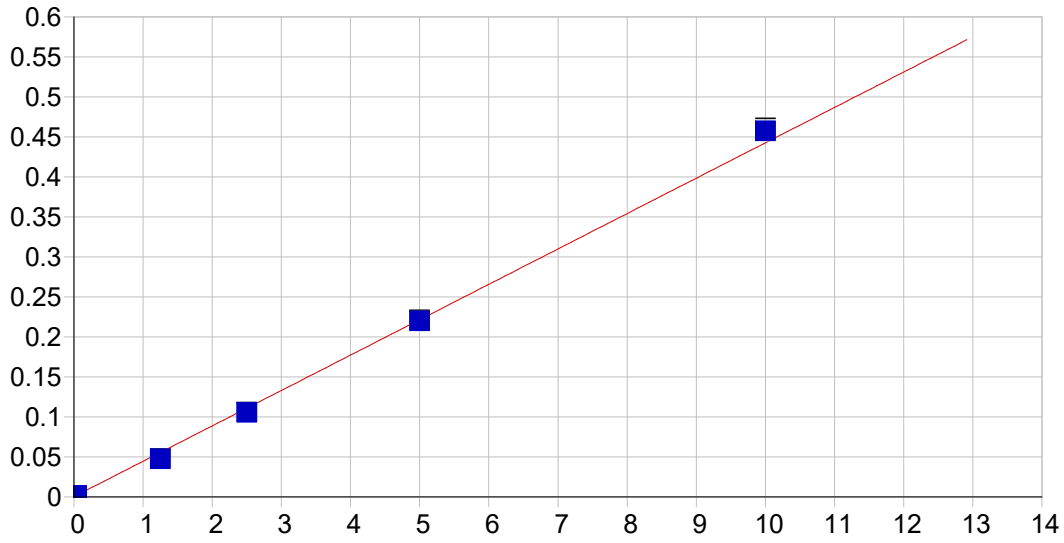
Pb 220.353 {453}

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



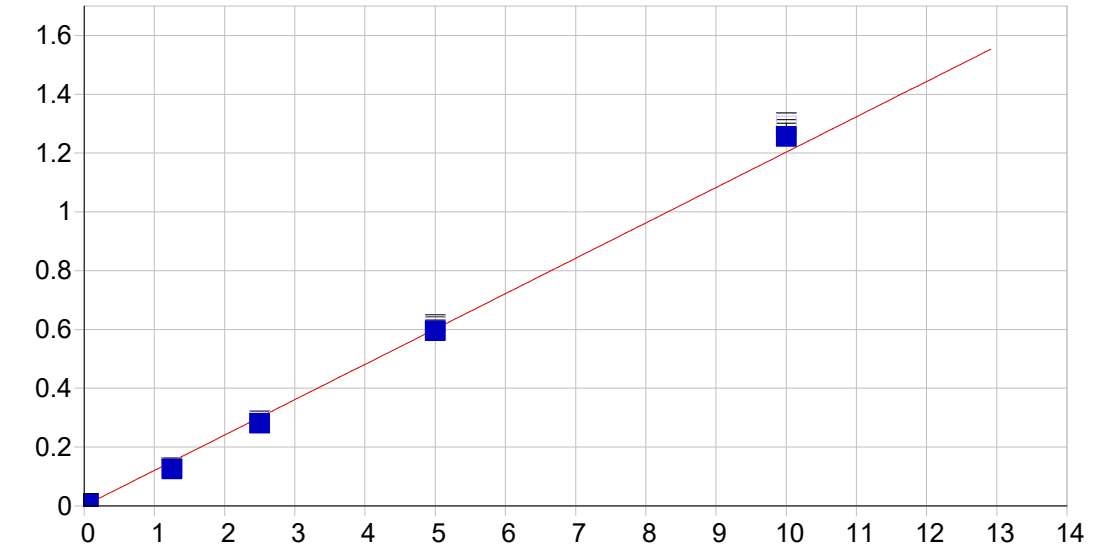
Se 196.090 {472}

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



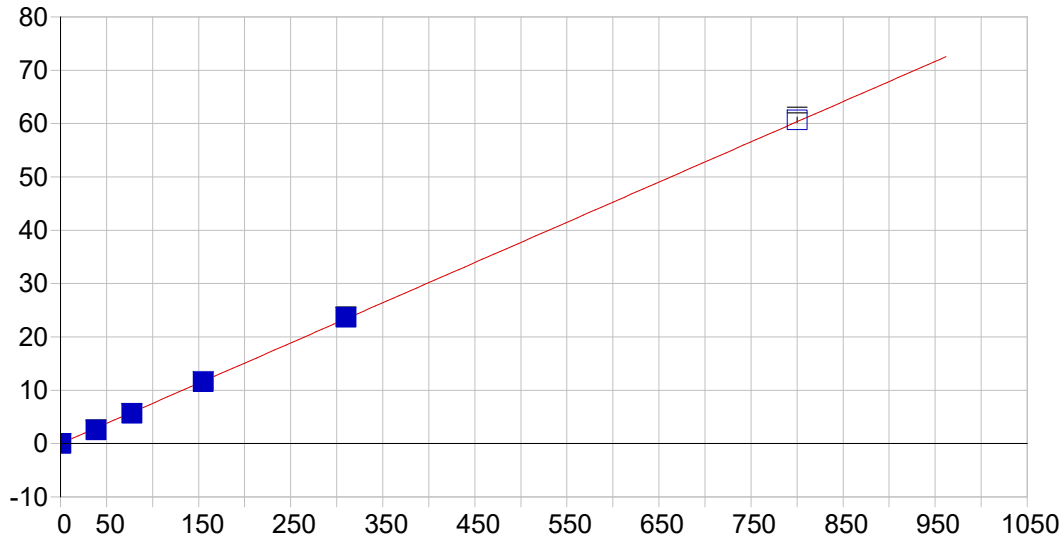
Sb 206.833 {463}

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



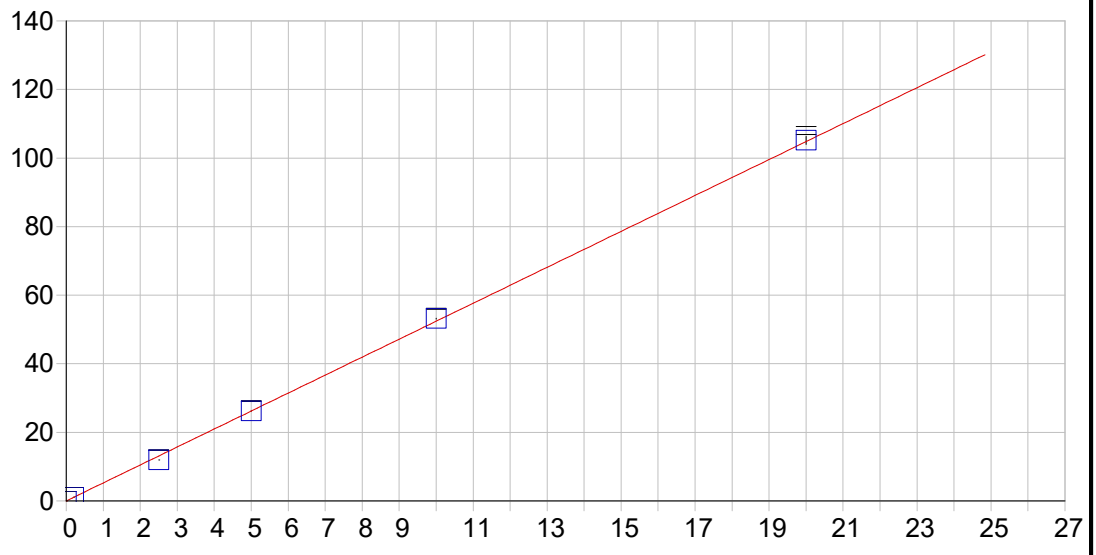
Al 396.152 { 85}

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



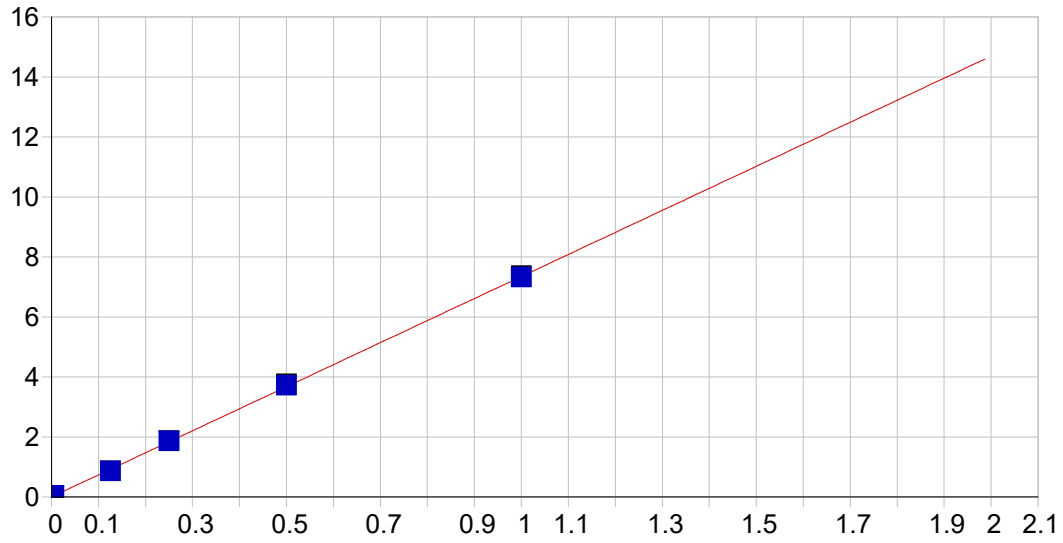
Ba 493.409 { 68}

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



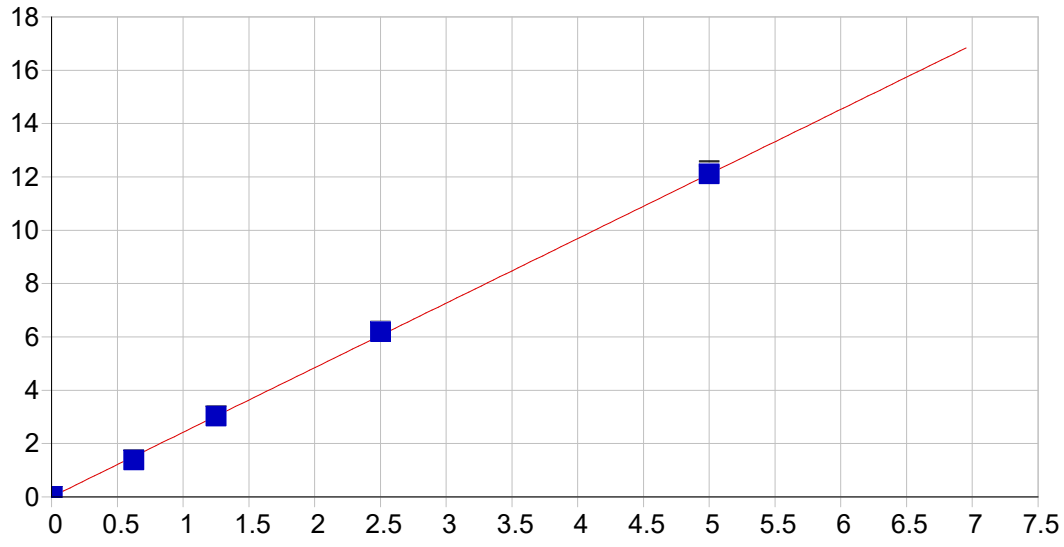
Be 234.861 {144}

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



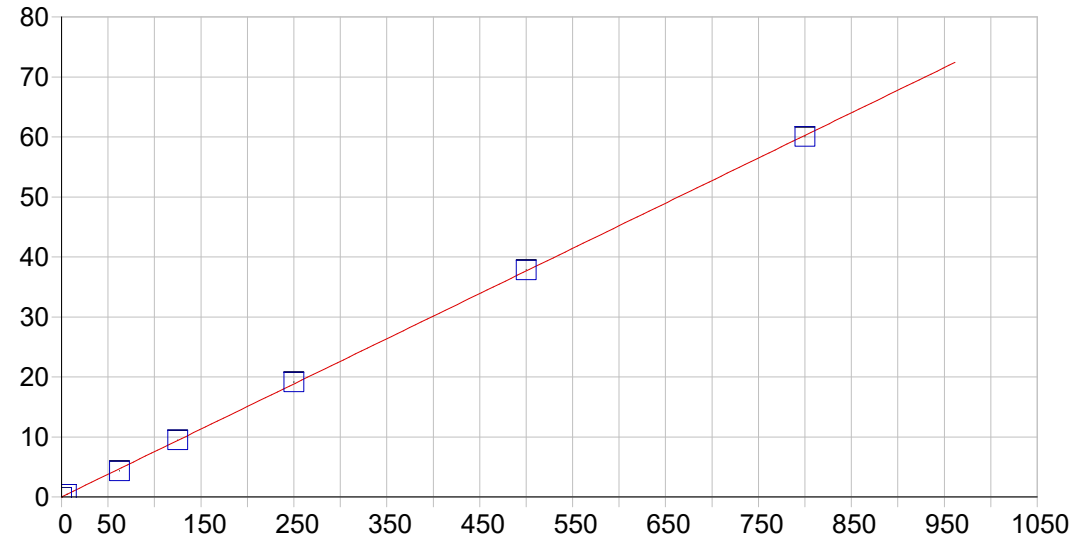
Cd 214.438 {457}

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



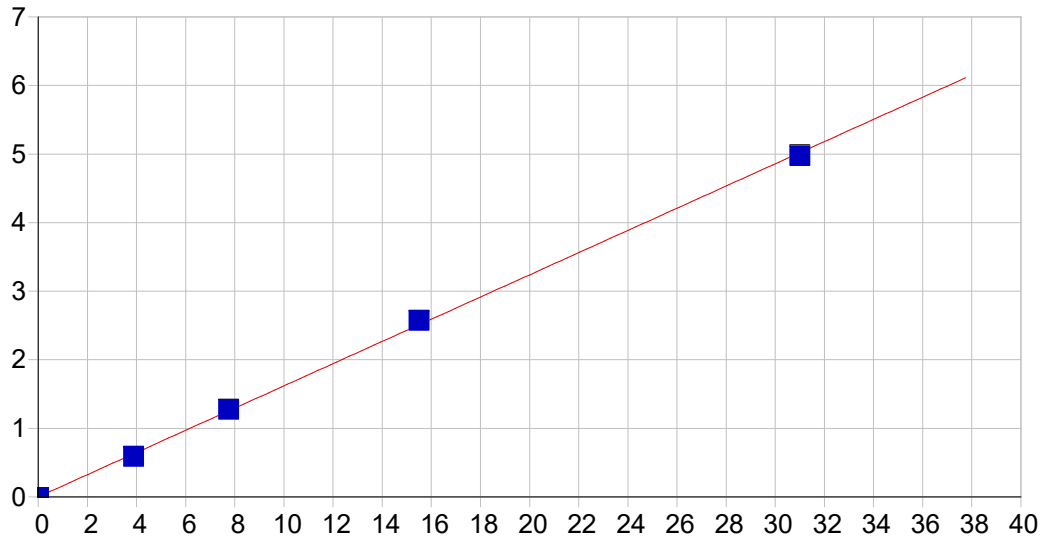
Ca 373.690 { 90}

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



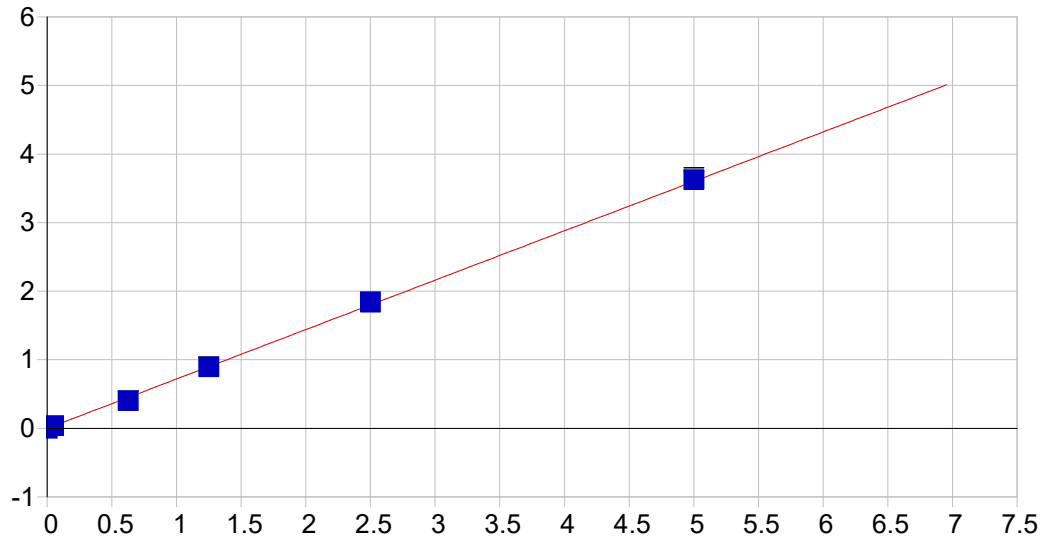
Cr 267.716 {126}

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



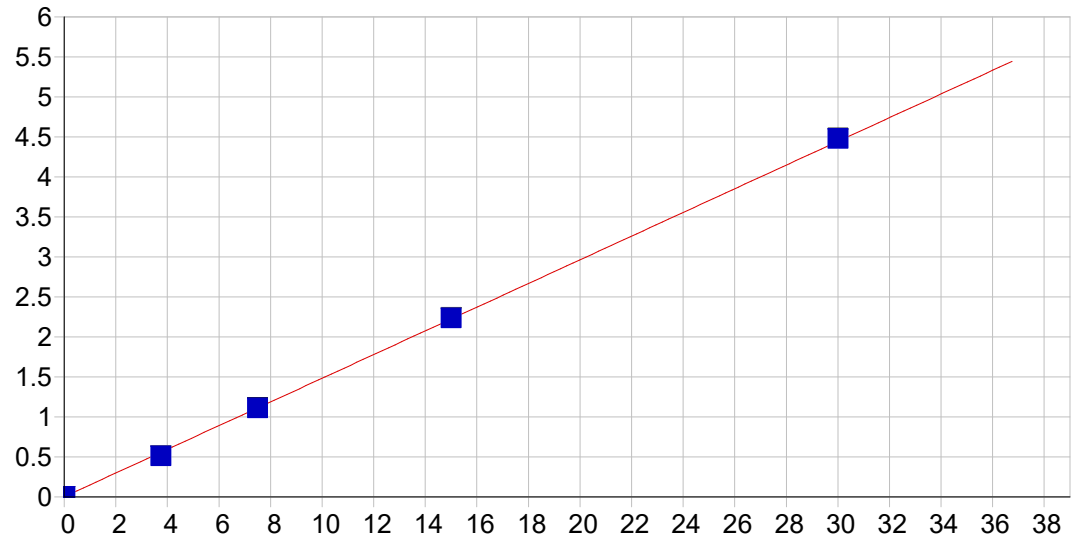
Co 228.616 {448}

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



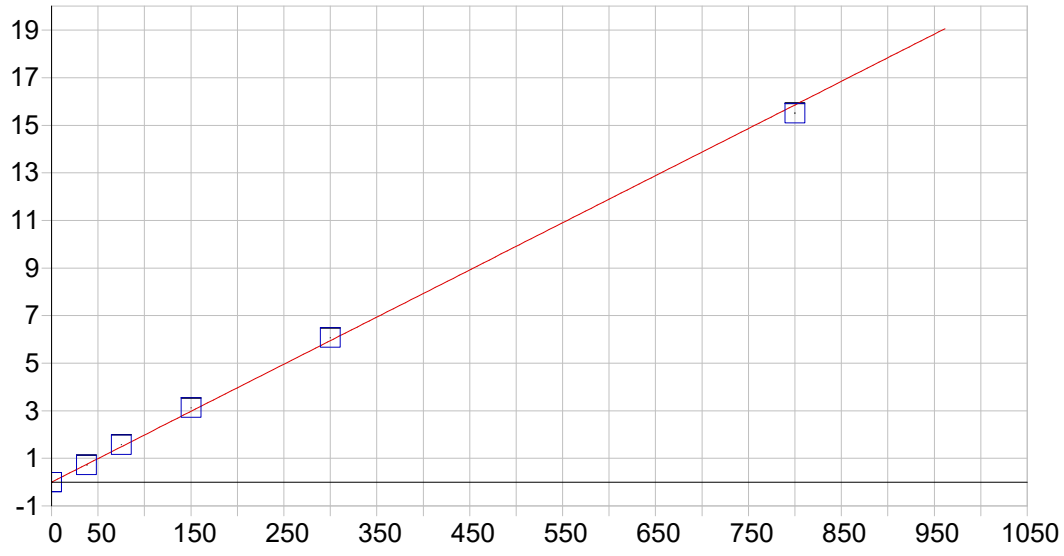
Cu 324.754 {104}

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



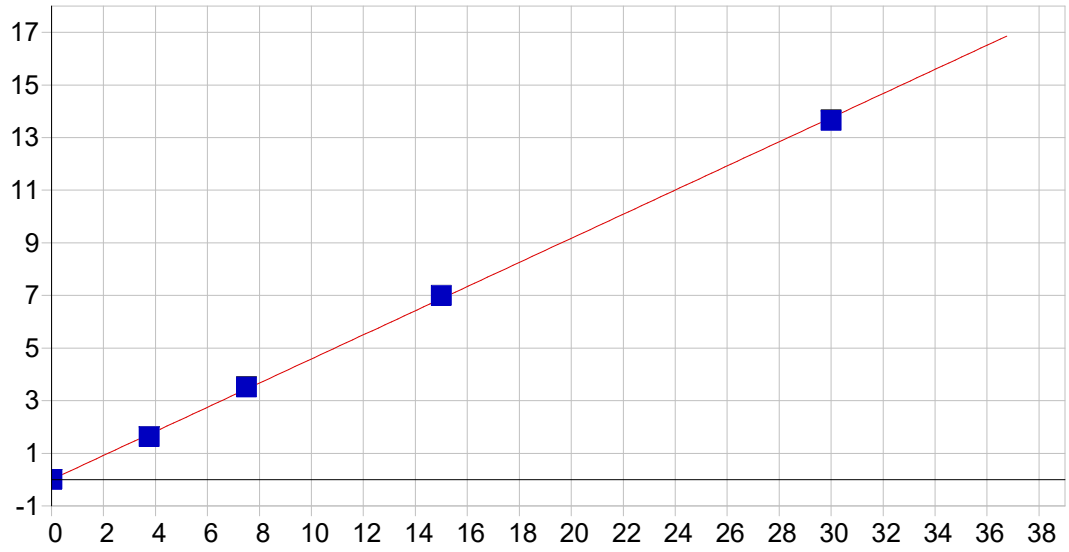
Fe 259.837 {130}

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



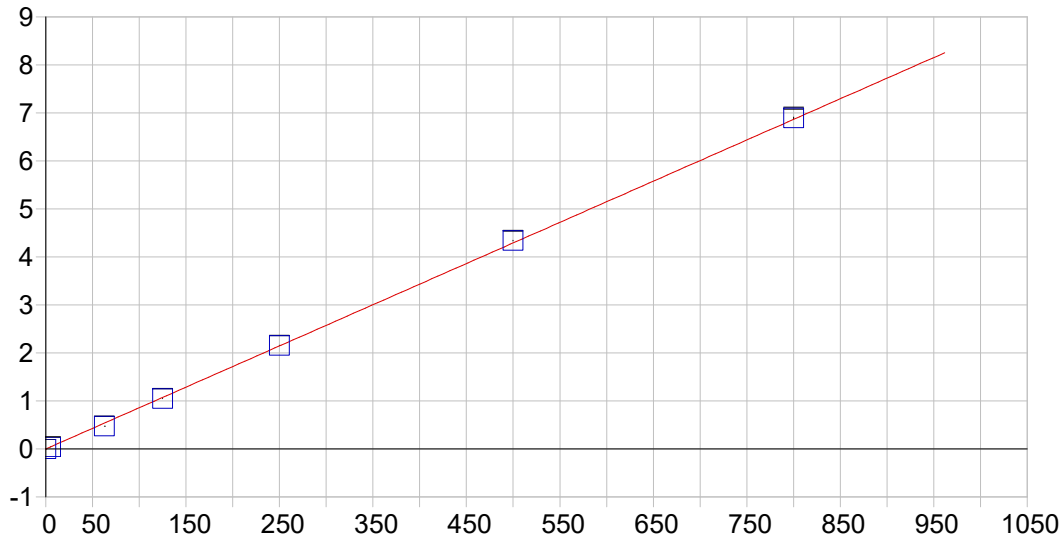
Mn 257.610 {131}

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



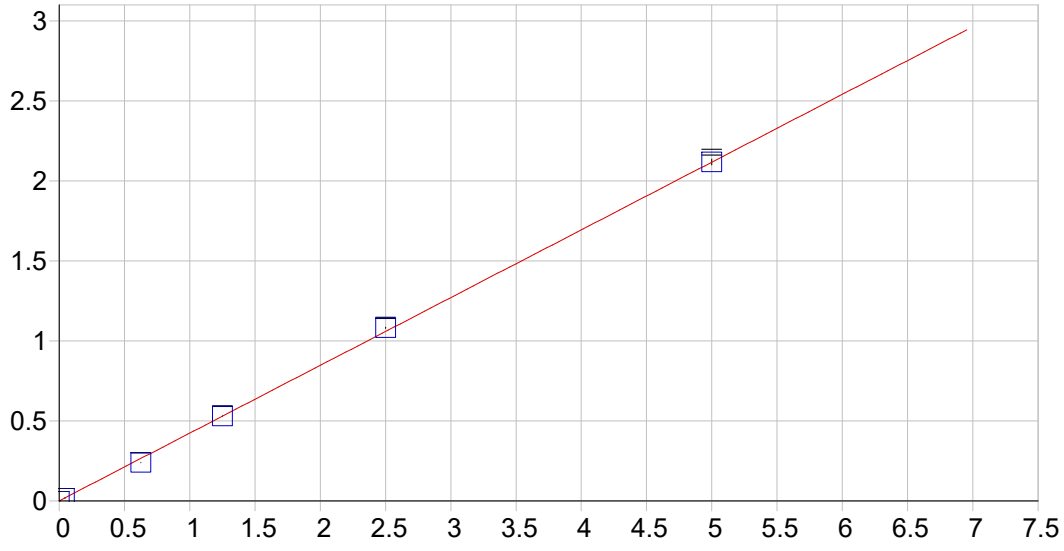
Mg 279.079 {121}

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



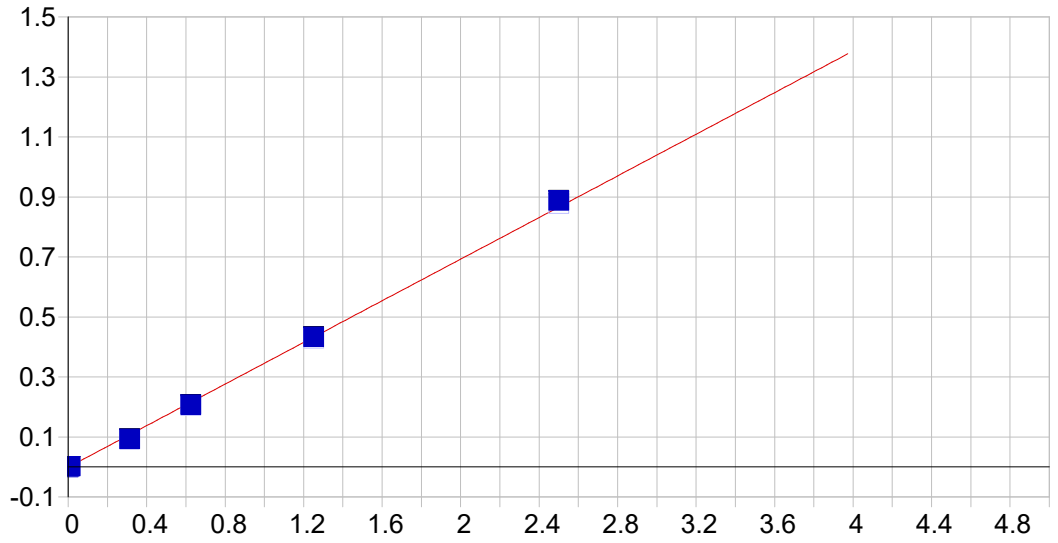
Ni 231.604 {446}

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



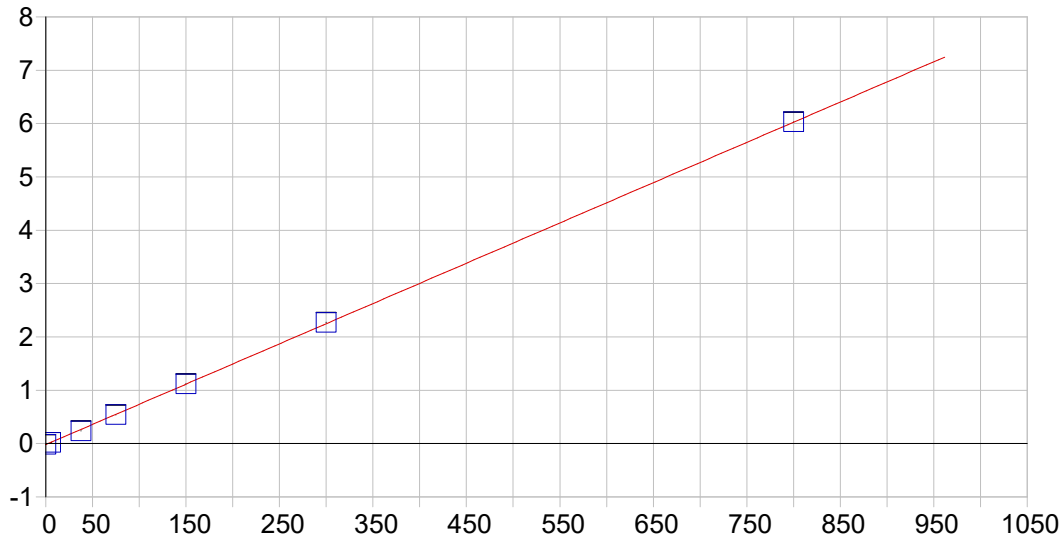
Ag 328.068 {103}

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



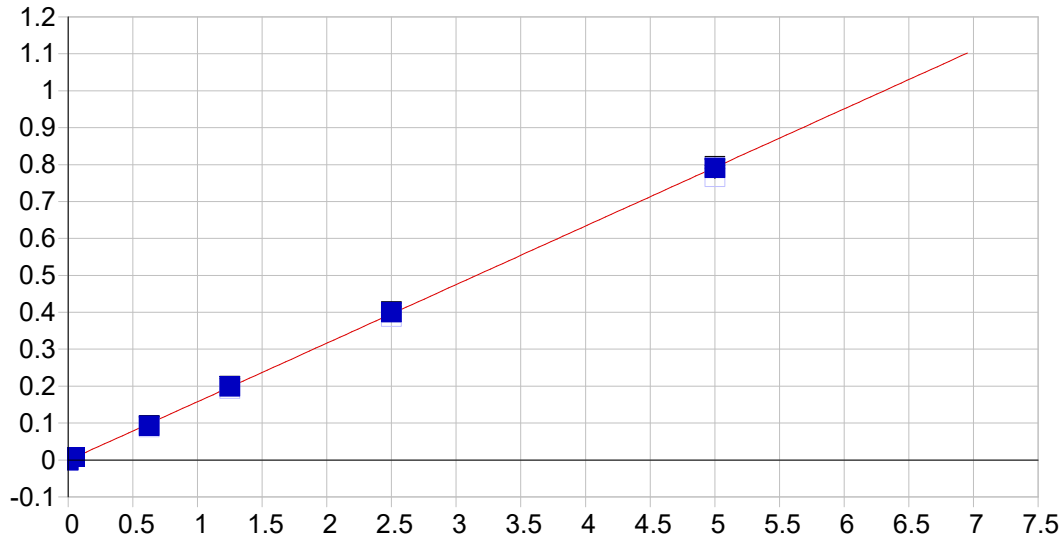
Na 818.326 { 41}

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



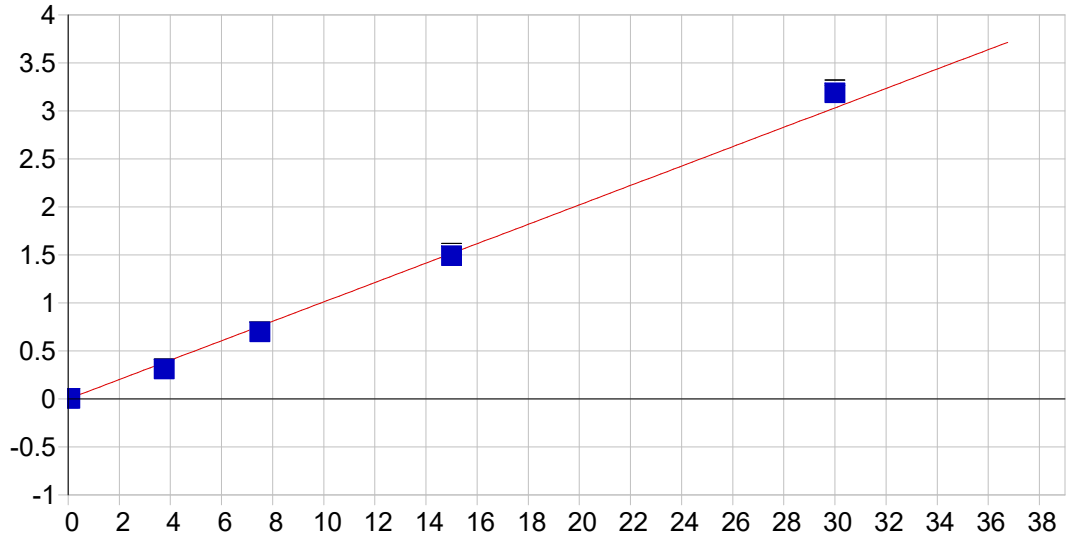
V 292.402 {115}

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



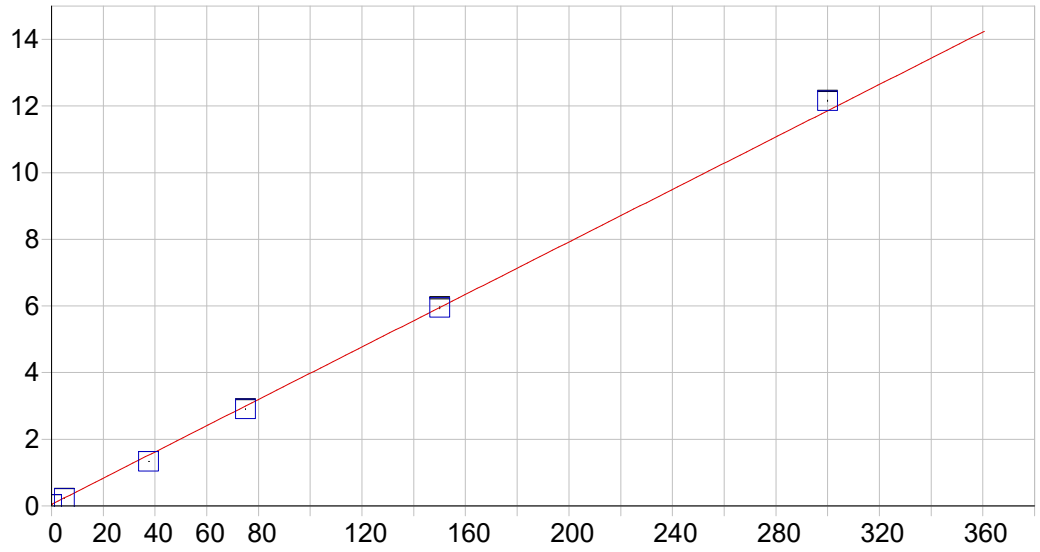
Zn 213.856 {158}

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



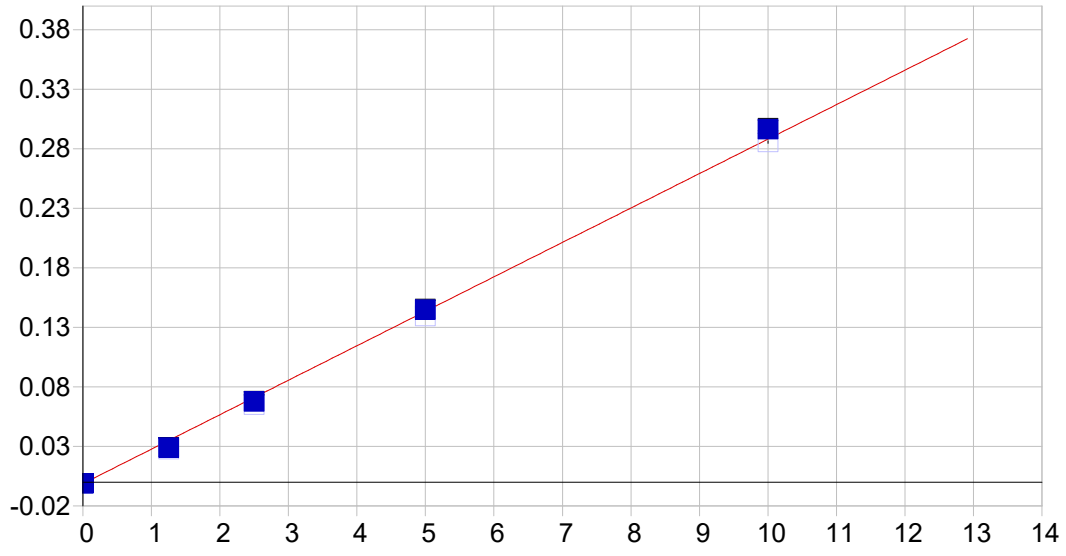
K 769.896 { 44}

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



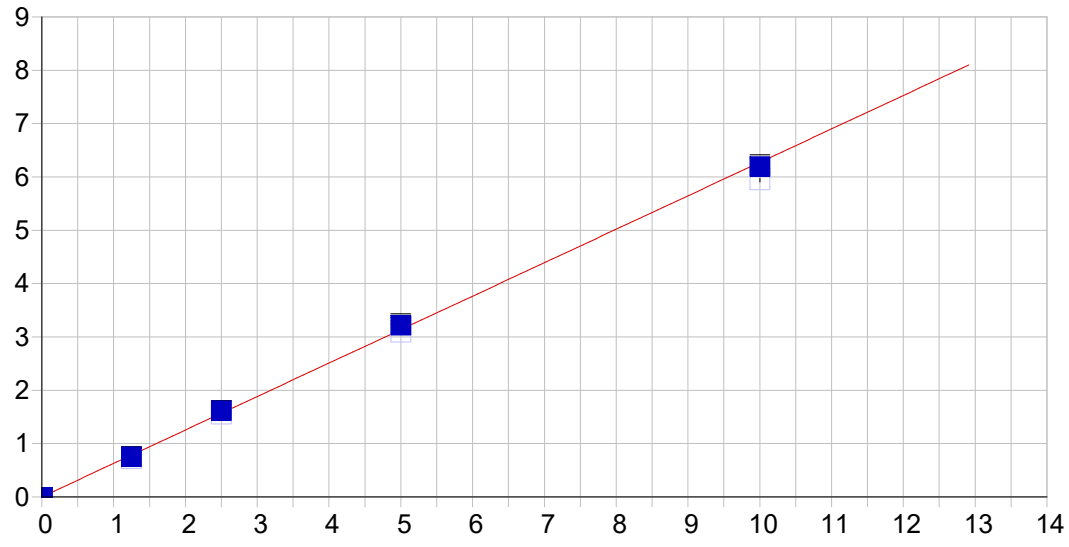
P 177.495 {490}

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



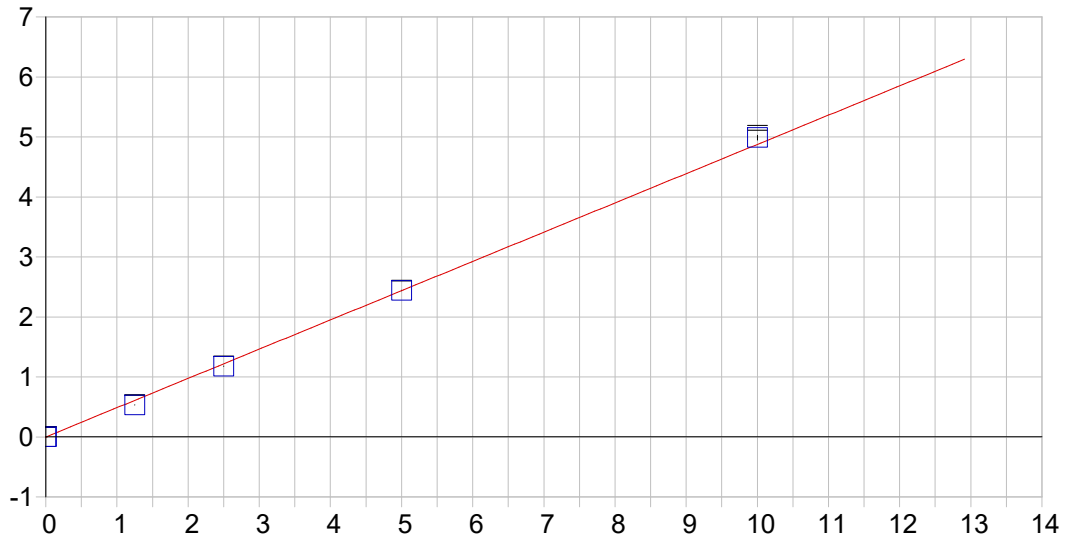
B 249.678 {135}

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



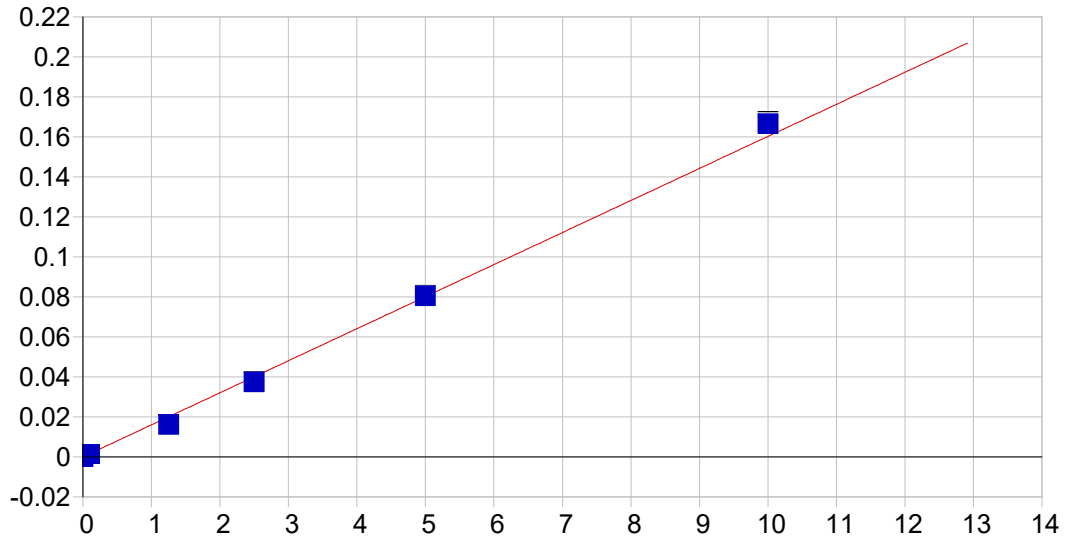
Mo 202.030 {467}

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



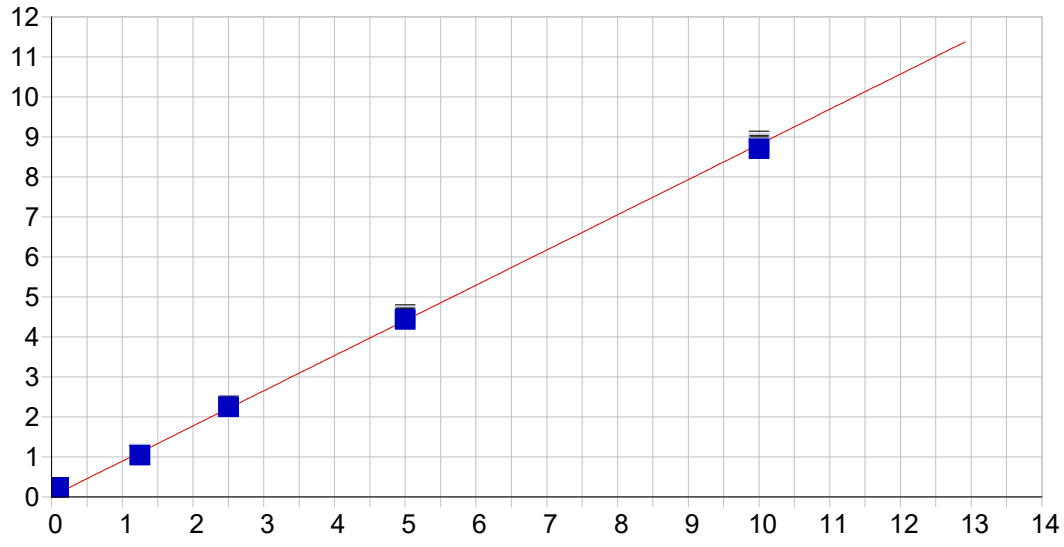
S 182.034 {485}

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



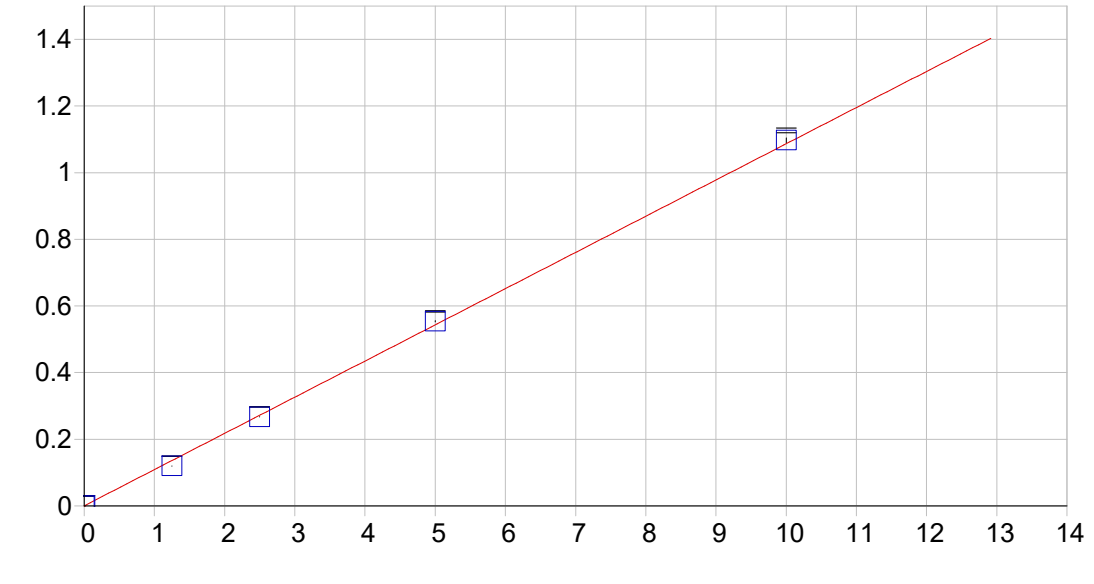
Si 251.611 {134}

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



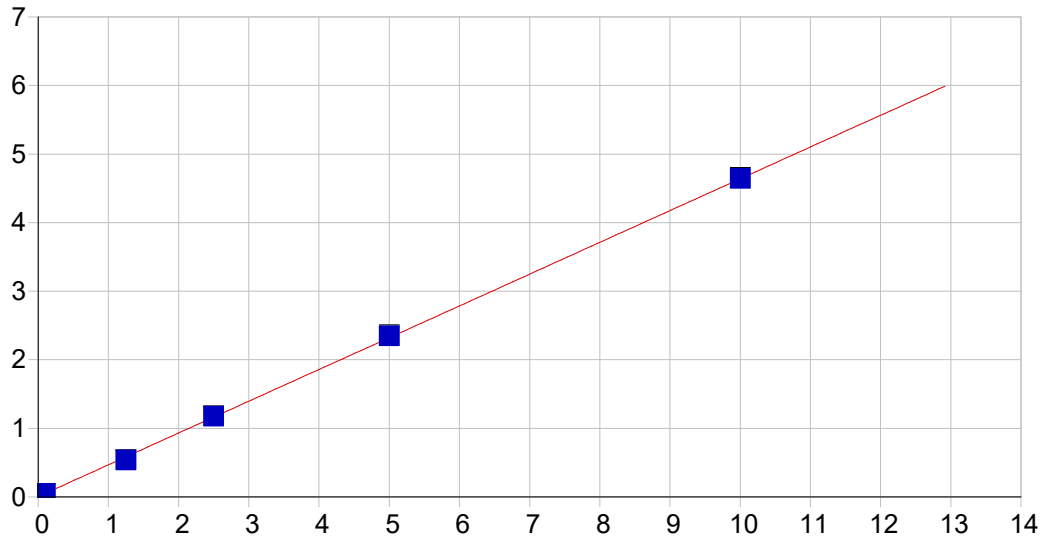
Sn 189.989 {478}

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



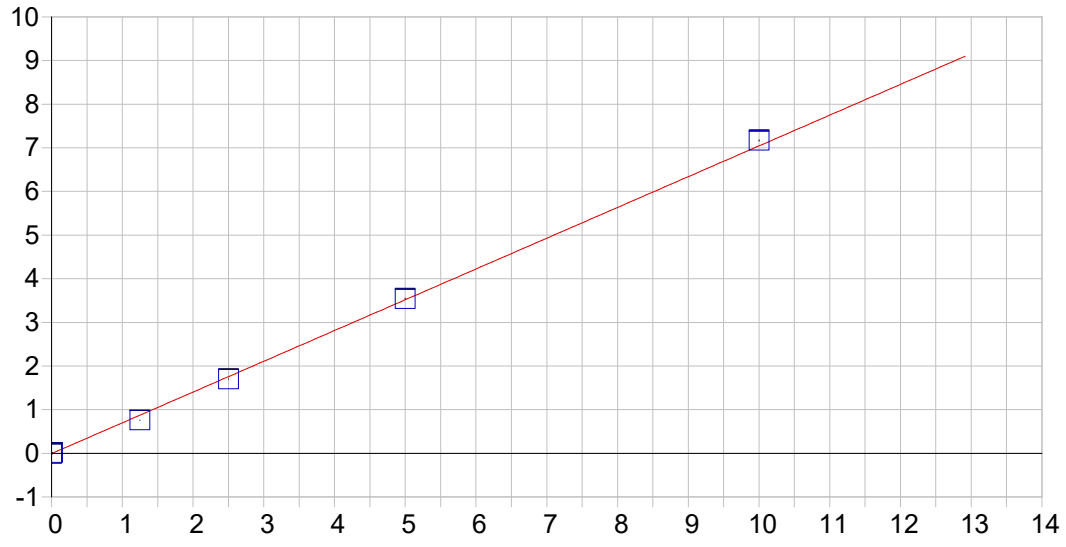
Ti 336.121 {100}

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



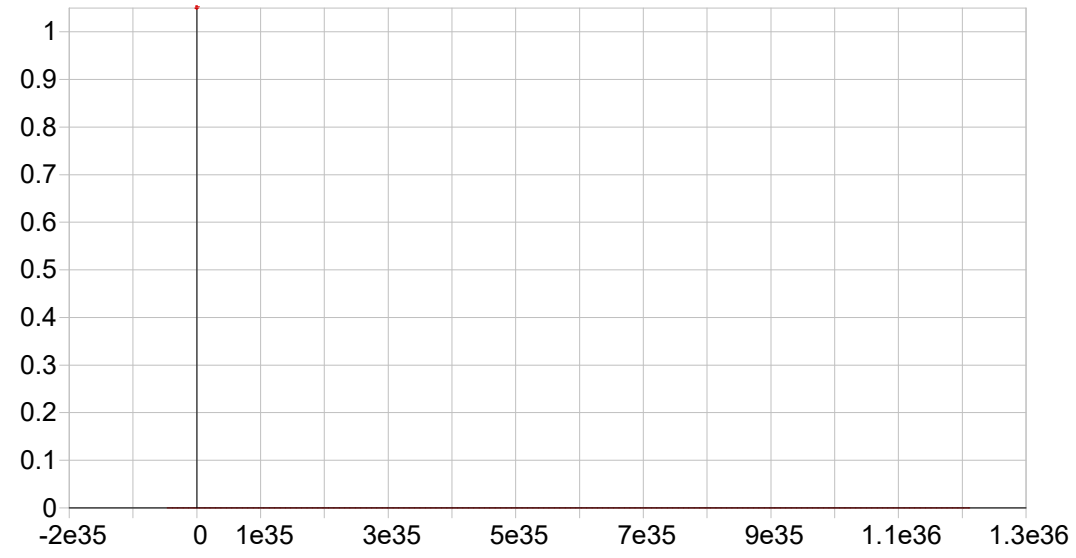
Li 670.784 { 50}

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

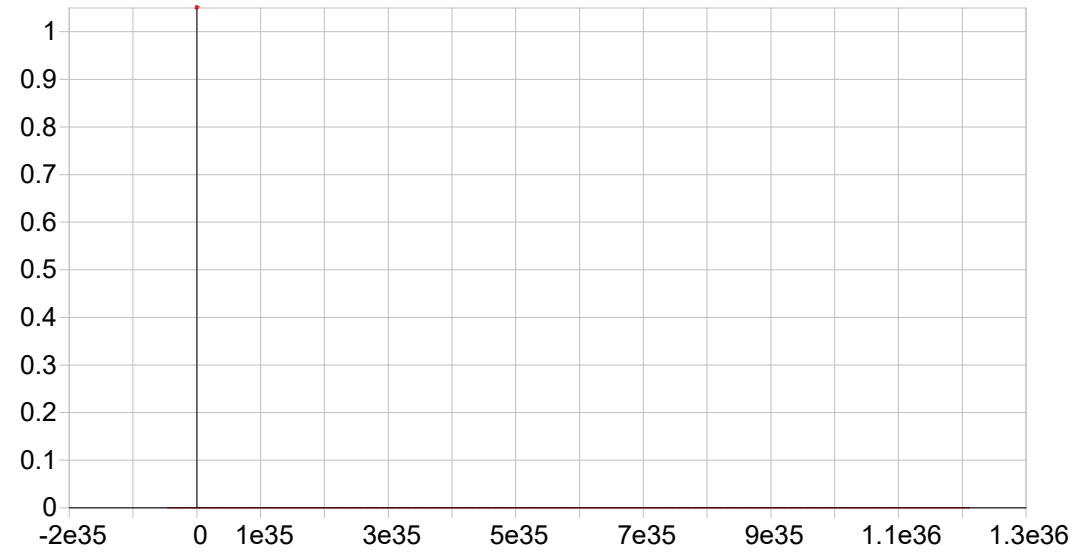


Y 224.306 {450}*

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}*

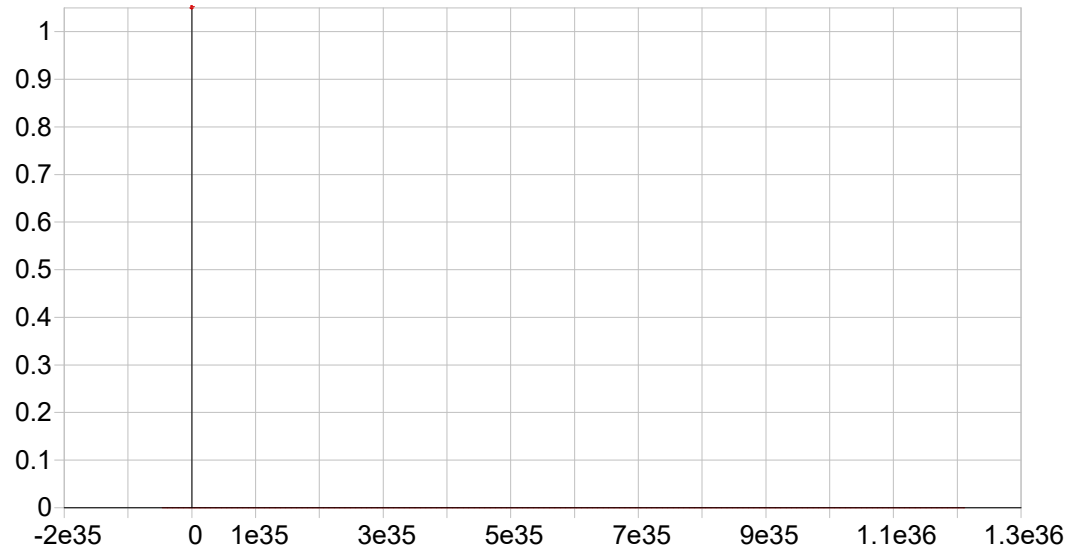
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

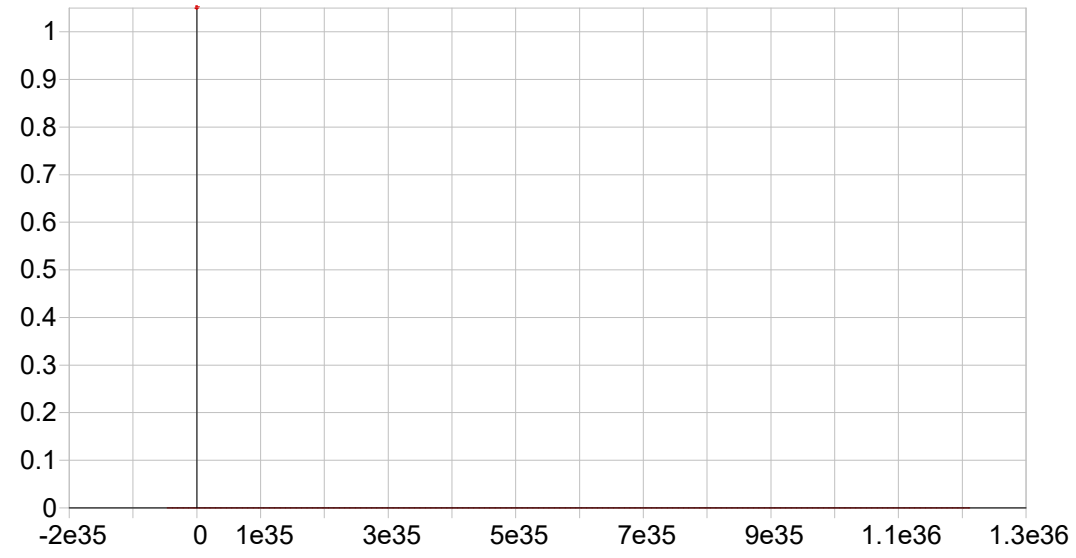


Y 371.030 { 91}*

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

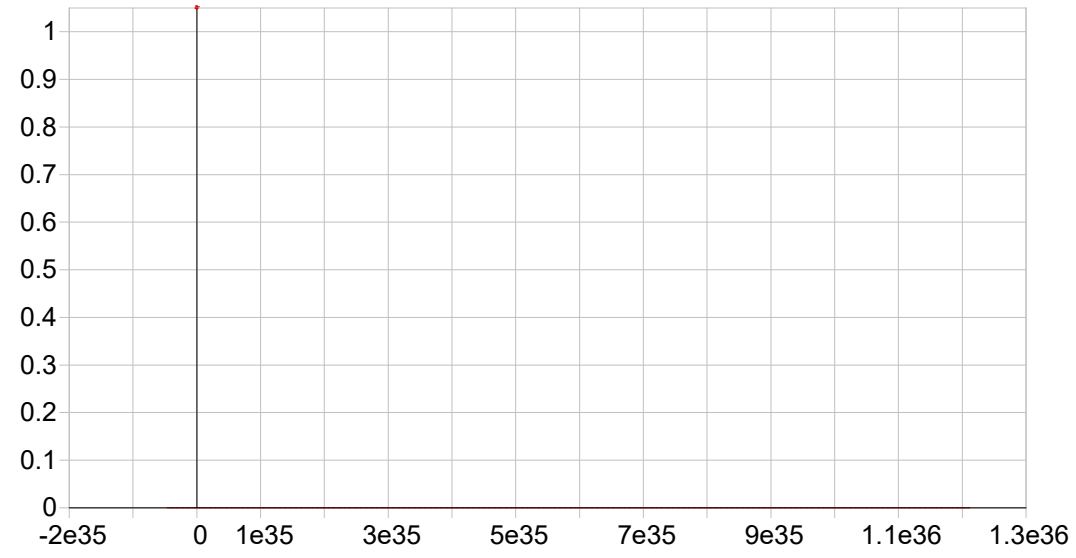
Reviewed
By:mohammad
On:6/30/2024 4:35:54
AM
Inst Id :P5



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



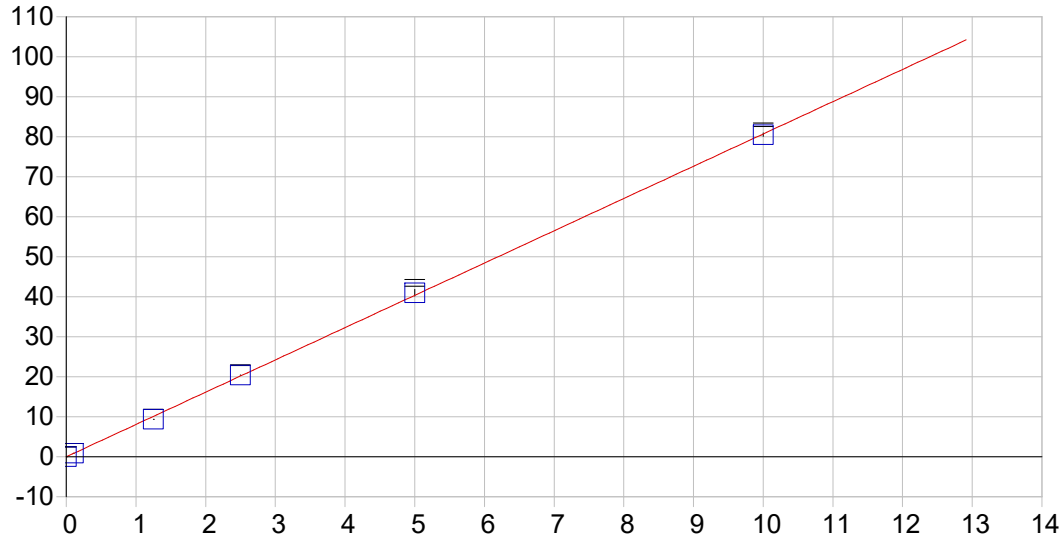
In 230.606 {446}*

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