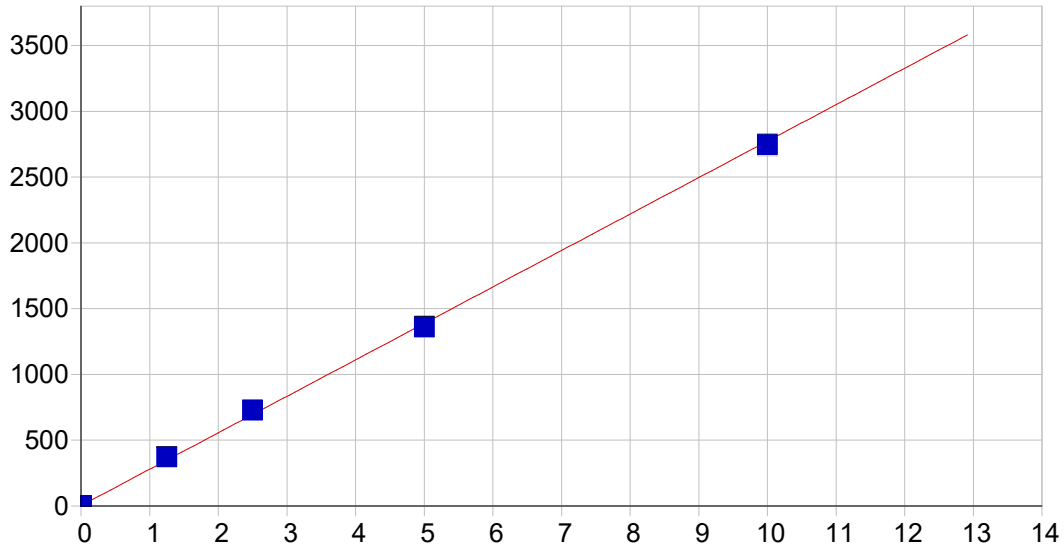
Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



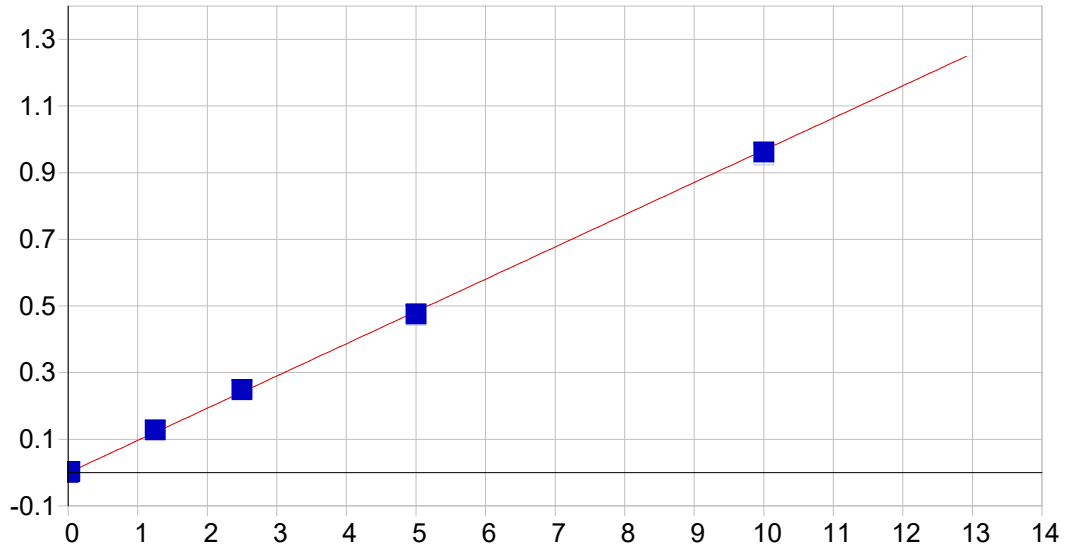
As 189.042 {478}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	2.196899	Re-Slope:	1.000000
A1 (Gain):	277.154331	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999609	Status:	OK.
Std Error of Est:	0.129422		
Predicted MDL:	0.004079		
Predicted MQL:	0.013596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	2.1971	.611	1
S1	.01000	.00856	-.001	-14.4	4.5668	.271	1
S2	1.2500	1.3347	.085	6.78	370.77	2.56	1
S3	2.5000	2.6181	.118	4.72	725.11	2.81	1
S4	5.0000	4.9003	-.100	-1.99	1354.9	6.27	1
S5	10.000	9.8983	-.102	-1.02	2734.8	6.27	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



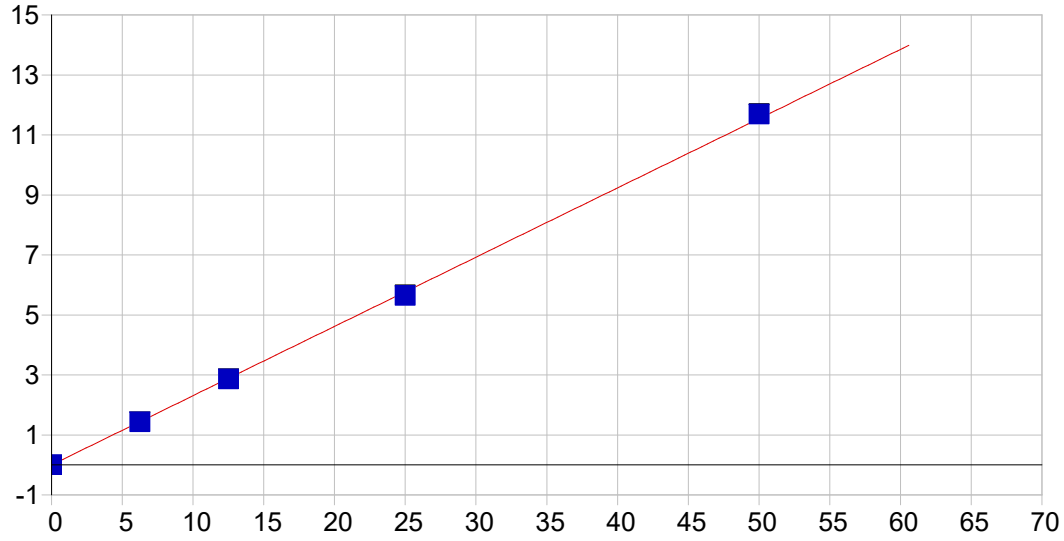
Tl 190.856 {477}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000413	Re-Slope:	1.000000
A1 (Gain):	0.096777	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999772	Status:	OK.
Std Error of Est:	0.000054		
Predicted MDL:	0.002283		
Predicted MQL:	0.007611		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00041	.000	1
S1	.02500	.02826	.003	13.1	.00224	.000	1
S2	1.2500	1.3191	.069	5.52	.12620	.000	1
S3	2.5000	2.5767	.077	3.07	.24688	.001	1
S4	5.0000	4.9171	-.083	-1.66	.47130	.001	1
S5	10.000	9.9339	-.066	-.661	.95266	.002	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



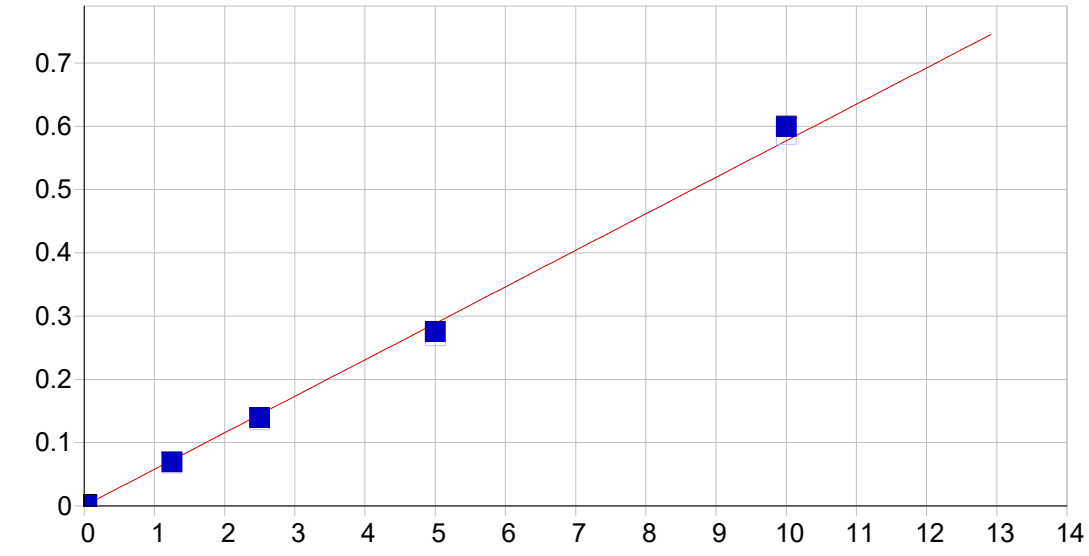
Pb 220.353 {453}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000068	Re-Slope:	1.000000
A1 (Gain):	0.230831	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.000133		
Predicted MDL:	0.002428		
Predicted MQL:	0.008094		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00007	.000	1
S1	.01000	.00727	-.003	-27.3	.00160	.000	1
S2	6.2500	6.2084	-.042	-.666	1.4311	.003	1
S3	12.500	12.401	-.099	-.789	2.8587	.005	1
S4	25.000	24.471	-.529	-2.11	5.6411	.014	1
S5	50.000	50.672	.672	1.34	11.681	.006	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



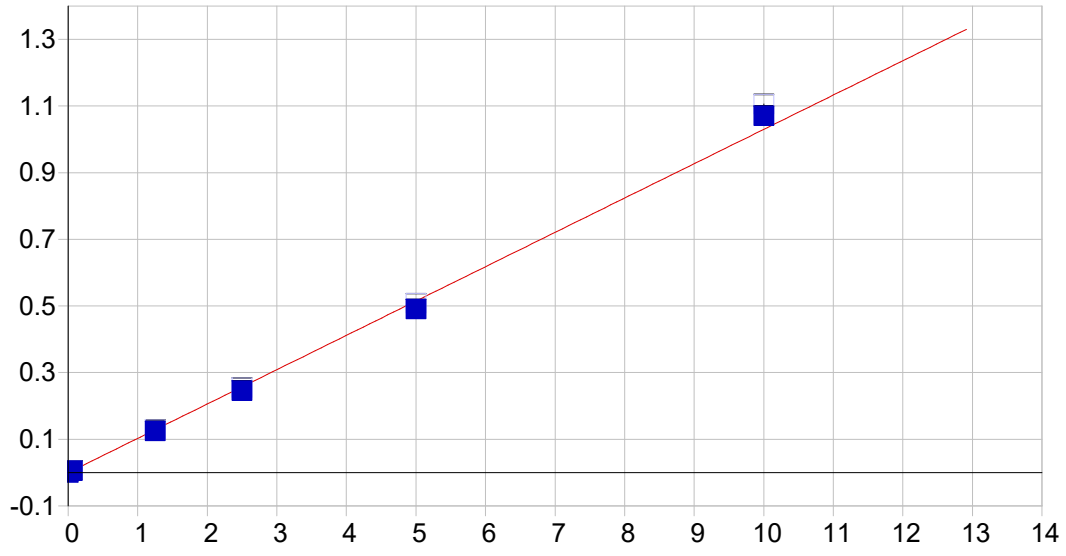
Se 196.090 {472}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000144	Re-Slope:	1.000000
A1 (Gain):	0.057684	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999062	Status:	OK.
Std Error of Est:	0.000077		
Predicted MDL:	0.005043		
Predicted MQL:	0.016810		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00014	.000	1
S1	.03500	.02736	-.008	-21.8	.00172	.000	1
S2	1.2500	1.1956	-.054	-4.35	.06749	.000	1
S3	2.5000	2.4061	-.094	-3.75	.13569	.000	1
S4	5.0000	4.7661	-.234	-4.68	.26858	.001	1
S5	10.000	10.390	.390	3.90	.58650	.001	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



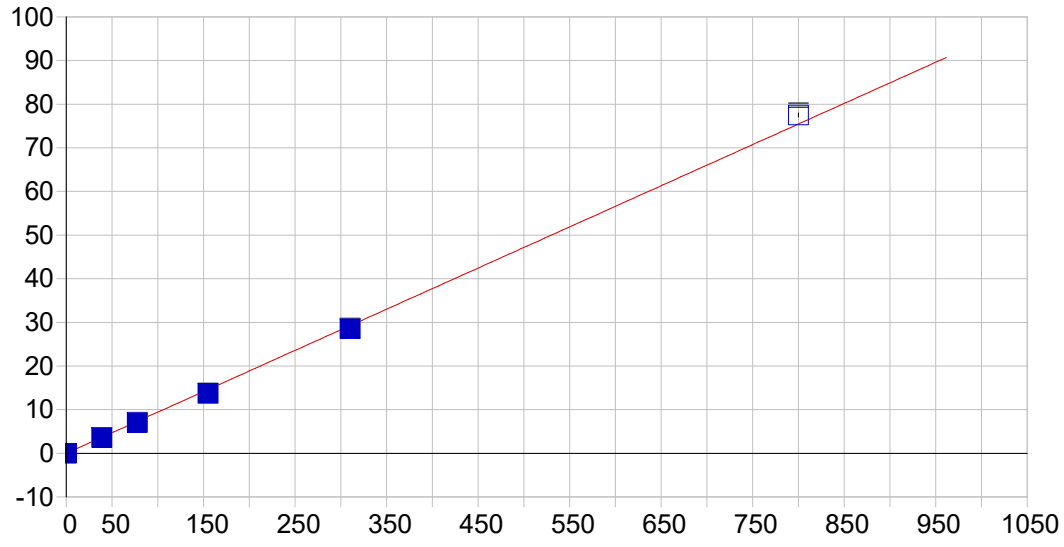
Sb 206.833 {463}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000219	Re-Slope:	1.000000
A1 (Gain):	0.103014	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999156	Status:	OK.
Std Error of Est:	0.000180		
Predicted MDL:	0.003762		
Predicted MQL:	0.012539		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00022	.001	1
S1	.06000	.05392	-.006	-10.1	.00534	.000	1
S2	1.2500	1.2082	-.042	-3.34	.12855	.001	1
S3	2.5000	2.3882	-.112	-4.47	.25441	.000	1
S4	5.0000	4.7632	-.237	-4.74	.50768	.000	1
S5	10.000	10.396	.396	3.96	1.1052	.001	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



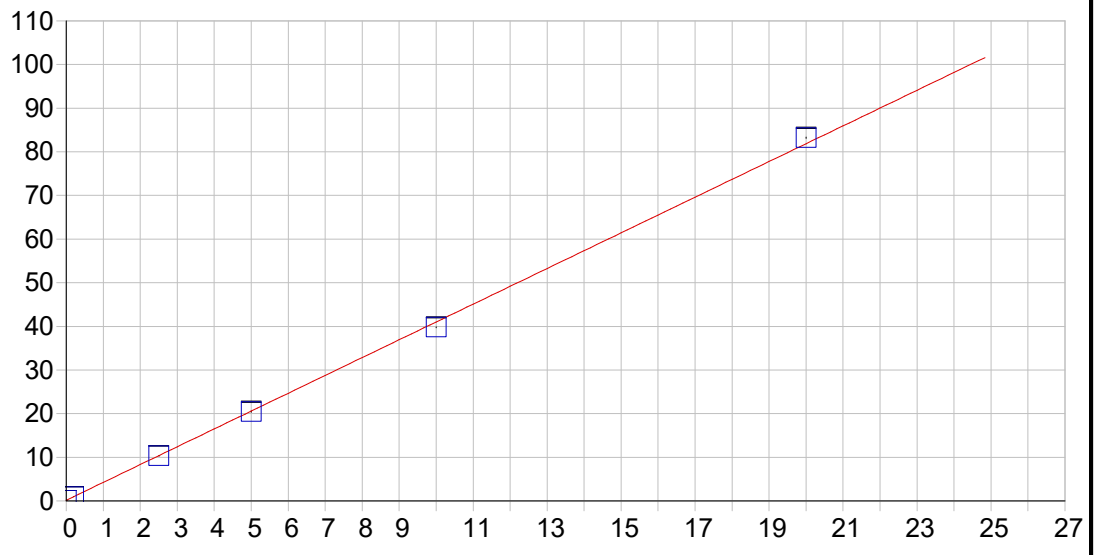
Al 396.152 { 85}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001122	Re-Slope:	1.000000
A1 (Gain):	0.094327	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999439	Status:	OK.
Std Error of Est:	0.001966		
Predicted MDL:	0.040860		
Predicted MQL:	0.136200		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00112	.003	1
S1	.20000	.20567	.006	2.83	.02055	.004	1
S2	38.750	37.622	-1.13	-2.91	3.5538	.005	1
S3	77.500	74.662	-2.84	-3.66	7.0516	.044	1
S4	155.00	145.31	-9.69	-6.25	13.724	.033	1
S5	310.00	301.85	-8.15	-2.63	28.505	.162	1
S6	800.00	821.83	21.8	2.73	77.522	.474	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



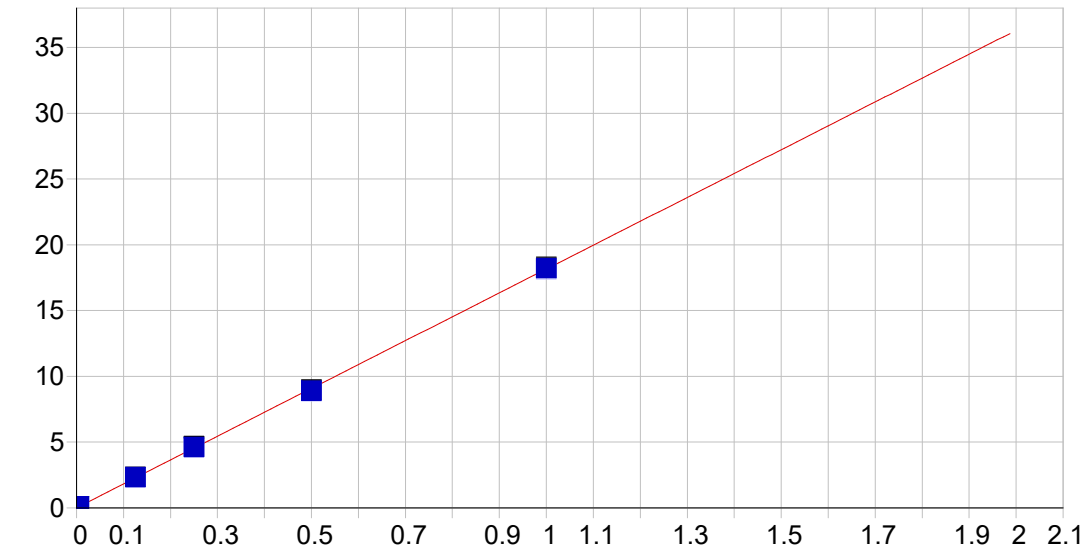
Ba 493.409 { 68}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.162165	Re-Slope:	1.000000
A1 (Gain):	4.084690	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999802	Status:	OK.
Std Error of Est:	0.008639		
Predicted MDL:	0.002525		
Predicted MQL:	0.008415		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.16218	.009	1
S1	.20000	.20142	.001	.712	.98492	.007	1
S2	2.5000	2.4903	-.010	-.389	10.334	.022	1
S3	5.0000	4.9670	-.033	-.661	20.451	.131	1
S4	10.000	9.7018	-.298	-2.98	39.791	.133	1
S5	20.000	20.340	.340	1.70	83.243	.126	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



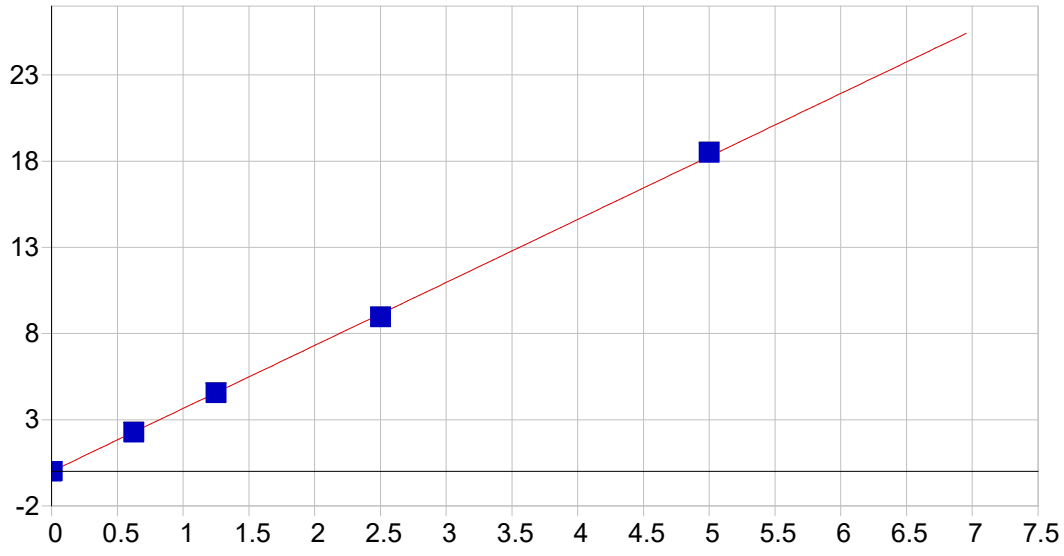
Be 234.861 {144}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.013138	Re-Slope:	1.000000
A1 (Gain):	18.146474	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999902	Status:	OK.
Std Error of Est:	0.000950		
Predicted MDL:	0.000169		
Predicted MQL:	0.000564		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.01313	.005	1
S1	.00500	.00516	.000	3.13	.10662	.004	1
S2	.12500	.12771	.003	2.17	2.3202	.010	1
S3	.25000	.25445	.004	1.78	4.6097	.056	1
S4	.50000	.48966	-.010	-2.07	8.8571	.086	1
S5	1.0000	1.0030	.003	.303	18.131	.106	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



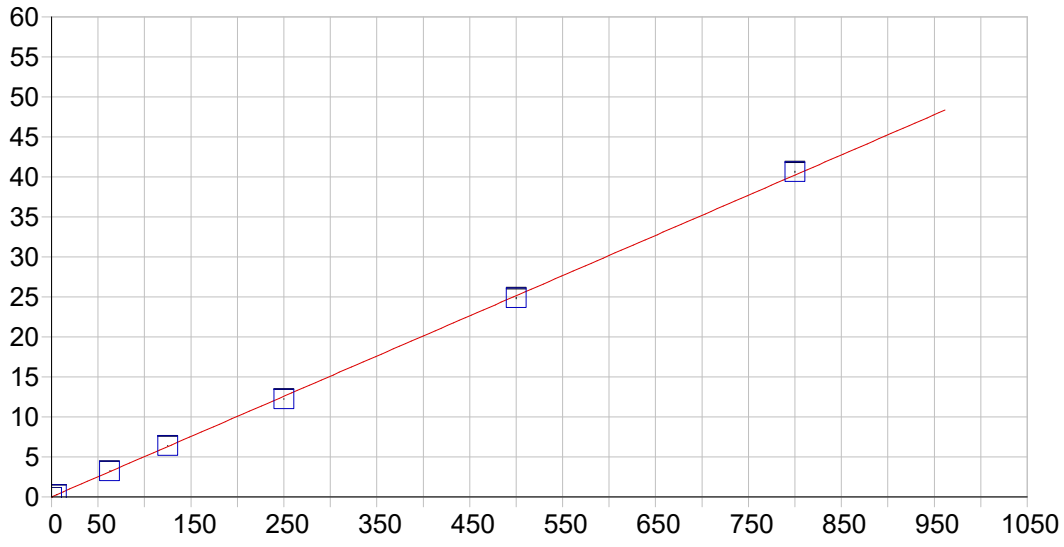
Cd 214.438 {457}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000021	Re-Slope:	1.000000
A1 (Gain):	3.654875	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999901	Status:	OK.
Std Error of Est:	0.000433		
Predicted MDL:	0.000084		
Predicted MQL:	0.000279		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00002	.000	1
S1	.00500	.00459	-.000	-8.12	.01688	.000	1
S2	.62500	.62066	-.004	-.694	2.2720	.005	1
S3	1.2500	1.2446	-.005	-.430	4.5560	.003	1
S4	2.5000	2.4490	-.051	-2.04	8.9650	.022	1
S5	5.0000	5.0611	.061	1.22	18.526	.009	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



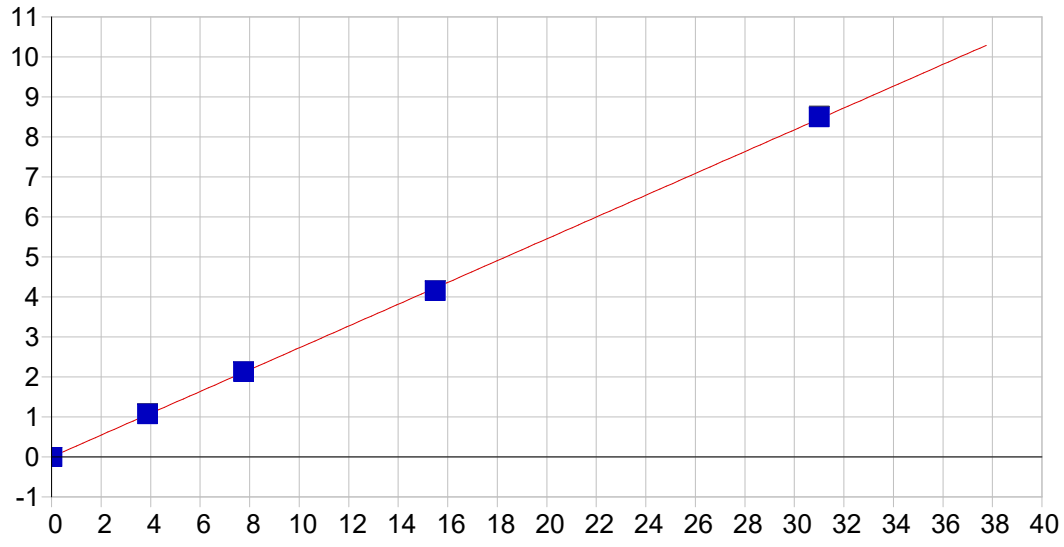
Ca 373.690 { 90}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.009401	Re-Slope:	1.000000
A1 (Gain):	0.050277	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.002700		
Predicted MDL:	0.053053		
Predicted MQL:	0.176842		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00034	-.000	.000	.00938	.003	1
S1	5.0000	5.2678	.268	5.36	.27425	.003	1
S2	62.500	64.118	1.62	2.59	3.2331	.007	1
S3	125.00	127.07	2.07	1.66	6.3982	.042	1
S4	250.00	243.39	-6.61	-2.65	12.246	.033	1
S5	500.00	494.42	-5.58	-1.12	24.867	.096	1
S6	800.00	808.23	8.23	1.03	40.645	.076	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



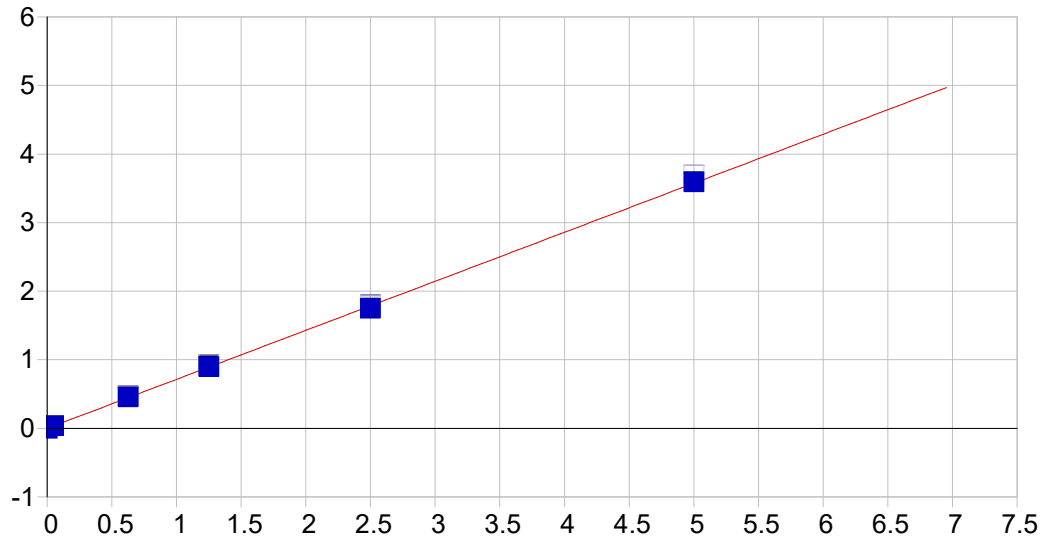
Cr 267.716 {126}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000312	Re-Slope:	1.000000
A1 (Gain):	0.272568	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.000818		
Predicted MQL:	0.002727		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00031	.000	1
S1	.01000	.01133	.001	13.3	.00278	.000	1
S2	3.8750	3.9355	.061	1.56	1.0732	.010	1
S3	7.7500	7.8037	.054	.692	2.1284	.007	1
S4	15.500	15.228	-.272	-1.76	4.1536	.007	1
S5	31.000	31.157	.157	.505	8.4986	.018	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



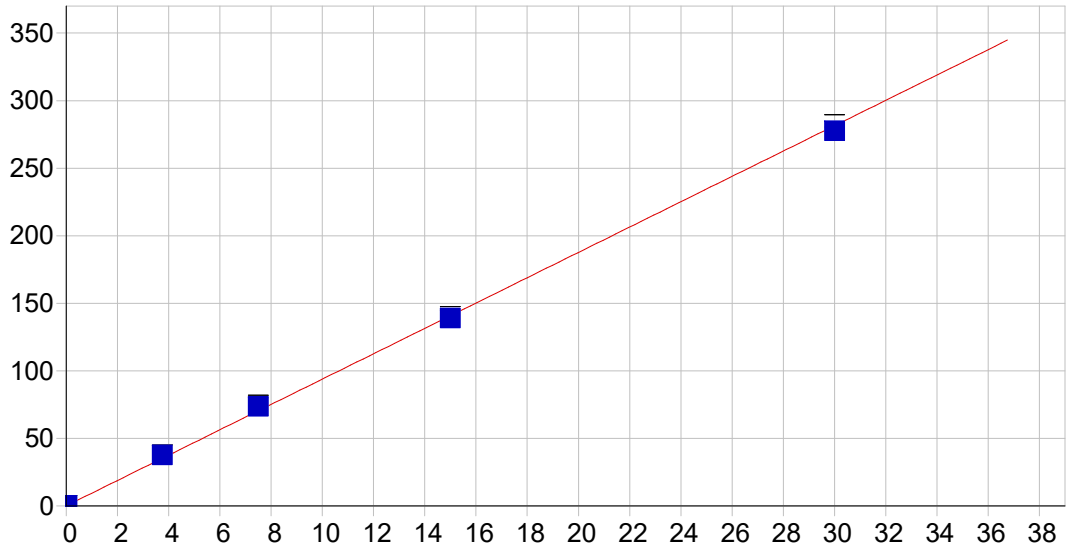
Co 228.616 {448}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000754	Re-Slope:	1.000000
A1 (Gain):	0.714957	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000268		
Predicted MDL:	0.000424		
Predicted MQL:	0.001412		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00076	.000	1
S1	.05000	.05031	.000	.623	.03536	.000	1
S2	.62500	.64131	.016	2.61	.46992	.002	1
S3	1.2500	1.2613	.011	.904	.92535	.001	1
S4	2.5000	2.4452	-.055	-2.19	1.7961	.004	1
S5	5.0000	5.0269	.027	.538	3.6906	.001	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



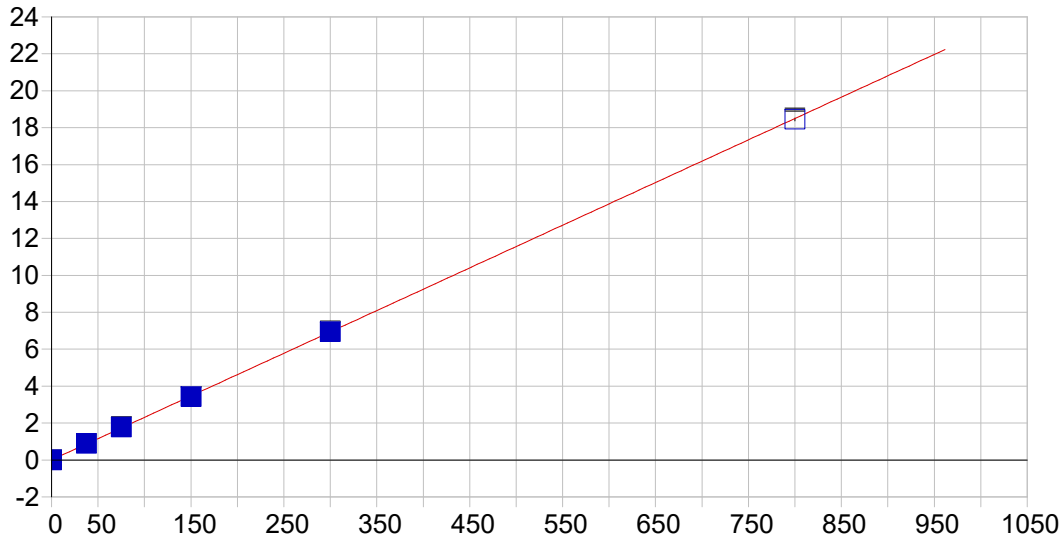
Cu 324.754 {104}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.082650	Re-Slope:	1.000000
A1 (Gain):	9.378759	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999633	Status:	OK.
Std Error of Est:	0.011671		
Predicted MDL:	0.000723		
Predicted MQL:	0.002409		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.08258	.002	1
S1	.02500	.02994	.005	19.7	.36309	.013	1
S2	3.7500	4.0027	.253	6.74	37.619	.182	1
S3	7.5000	7.8399	.340	4.53	73.603	.918	1
S4	15.000	14.805	-.195	-1.30	138.92	1.20	1
S5	30.000	29.597	-.403	-1.34	277.64	4.59	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



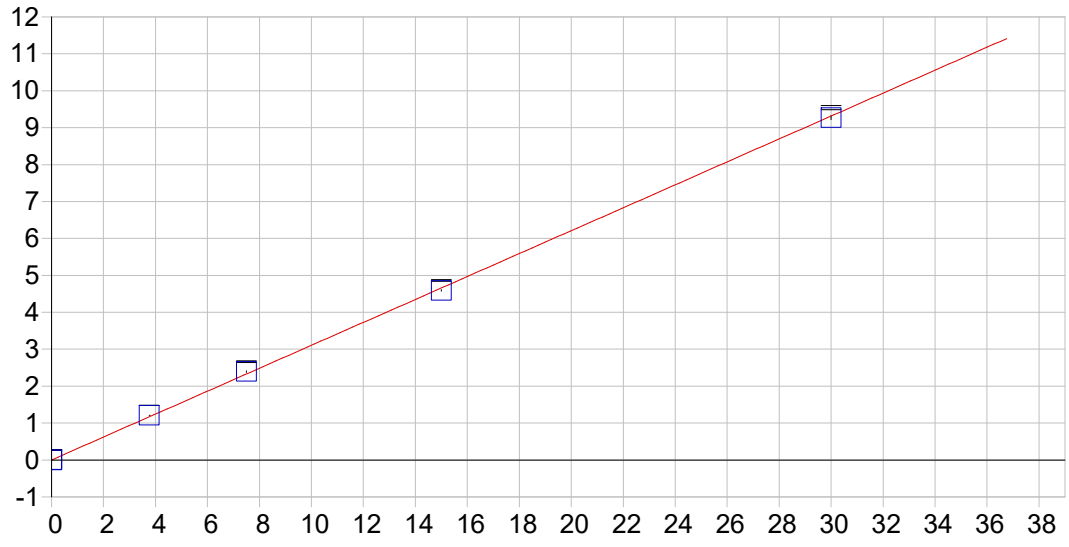
Fe 259.837 {130}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000687	Re-Slope:	1.000000
A1 (Gain):	0.023123	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999944	Status:	OK.
Std Error of Est:	0.000107		
Predicted MDL:	0.043247		
Predicted MQL:	0.144157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00069	.001	1
S1	.10000	.12888	.029	28.9	.00229	.001	1
S2	37.500	38.843	1.34	3.58	.89768	.001	1
S3	75.000	77.273	2.27	3.03	1.7865	.017	1
S4	150.00	148.12	-1.88	-1.25	3.4251	.012	1
S5	300.00	300.18	.180	.060	6.9420	.031	1
S6	800.00	798.06	-1.94	-.243	18.453	.078	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



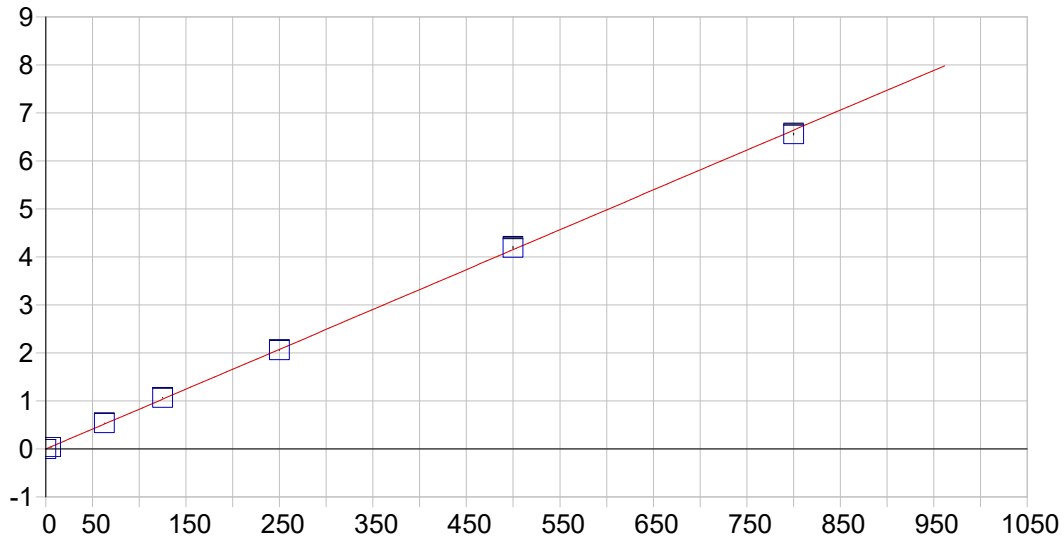
Mn 257.610 {131}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000602	Re-Slope:	1.000000
A1 (Gain):	0.310495	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000178		
Predicted MDL:	0.002942		
Predicted MQL:	0.009807		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00060	.001	1
S1	.01500	.01347	-.002	-10.2	.00478	.001	1
S2	3.7500	3.8856	.136	3.62	1.2071	.001	1
S3	7.5000	7.7113	.211	2.82	2.3949	.024	1
S4	15.000	14.788	-.212	-1.41	4.5924	.020	1
S5	30.000	29.866	-.134	-.446	9.2739	.055	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



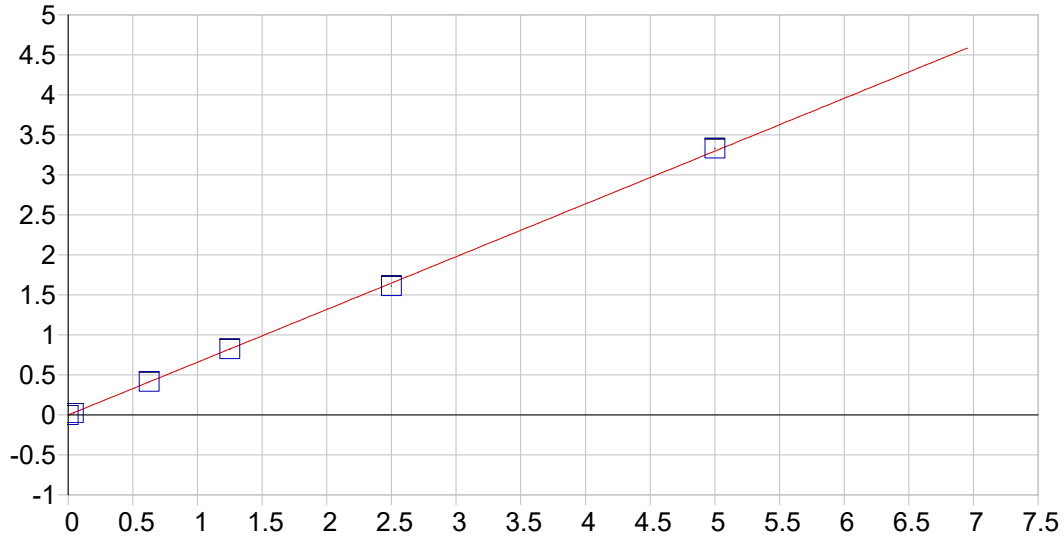
Mg 279.079 {121}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001630	Re-Slope:	1.000000
A1 (Gain):	0.008304	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.000432		
Predicted MDL:	0.138851		
Predicted MQL:	0.462835		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00036	-.000	.000	-.00163	.002	1
S1	5.0000	5.0741	.074	1.48	.04050	.001	1
S2	62.500	64.923	2.42	3.88	.53748	.001	1
S3	125.00	128.56	3.56	2.85	1.0660	.007	1
S4	250.00	247.93	-2.07	-.829	2.0571	.006	1
S5	500.00	505.51	5.51	1.10	4.1961	.025	1
S6	800.00	790.50	-9.50	-1.19	6.5625	.020	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



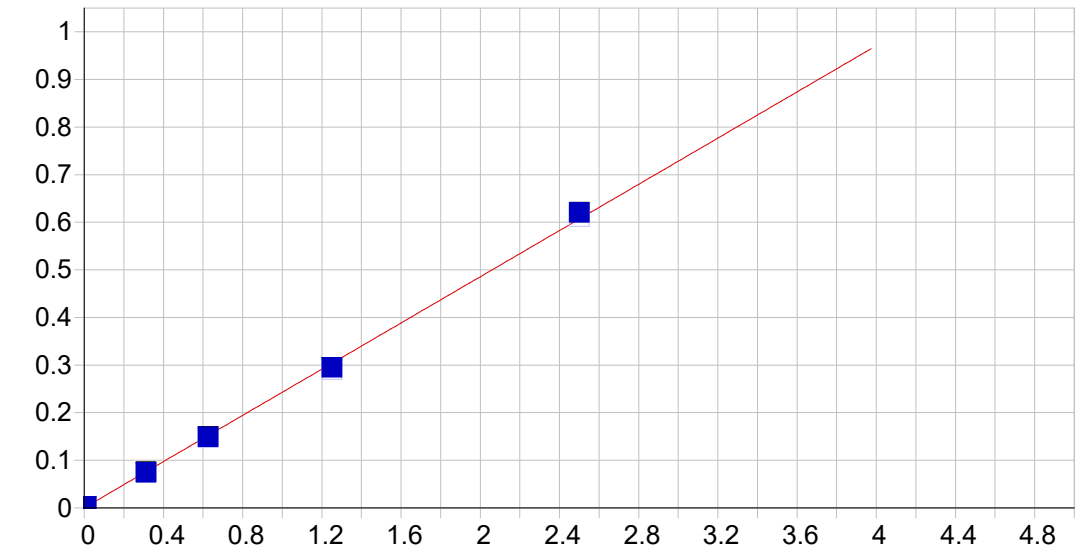
Ni 231.604 {446}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000701	Re-Slope:	1.000000
A1 (Gain):	0.659606	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.000215		
Predicted MDL:	0.000660		
Predicted MQL:	0.002201		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00070	.000	1
S1	.04000	.03783	-.002	-5.43	.02425	.000	1
S2	.62500	.62875	.004	.600	.41403	.001	1
S3	1.2500	1.2515	.002	.120	.82480	.001	1
S4	2.5000	2.4469	-.053	-2.12	1.6133	.004	1
S5	5.0000	5.0500	.050	.999	3.3303	.005	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



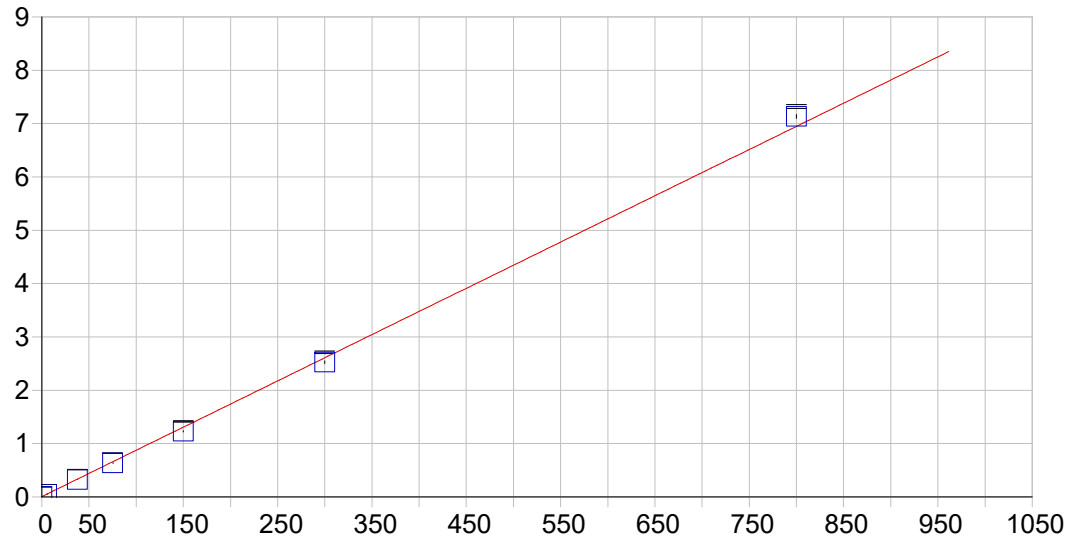
Ag 328.068 {103}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000383	Re-Slope:	1.000000
A1 (Gain):	0.242642	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999716	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.001543		
Predicted MQL:	0.005143		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00038	.000	1
S1	.01000	.01021	.000	2.11	.00286	.001	1
S2	.31250	.30664	-.006	-1.88	.07369	.001	1
S3	.62500	.61300	-.012	-1.92	.14694	.001	1
S4	1.2500	1.2134	-.037	-2.92	.29045	.000	1
S5	2.5000	2.5542	.054	2.17	.61140	.001	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



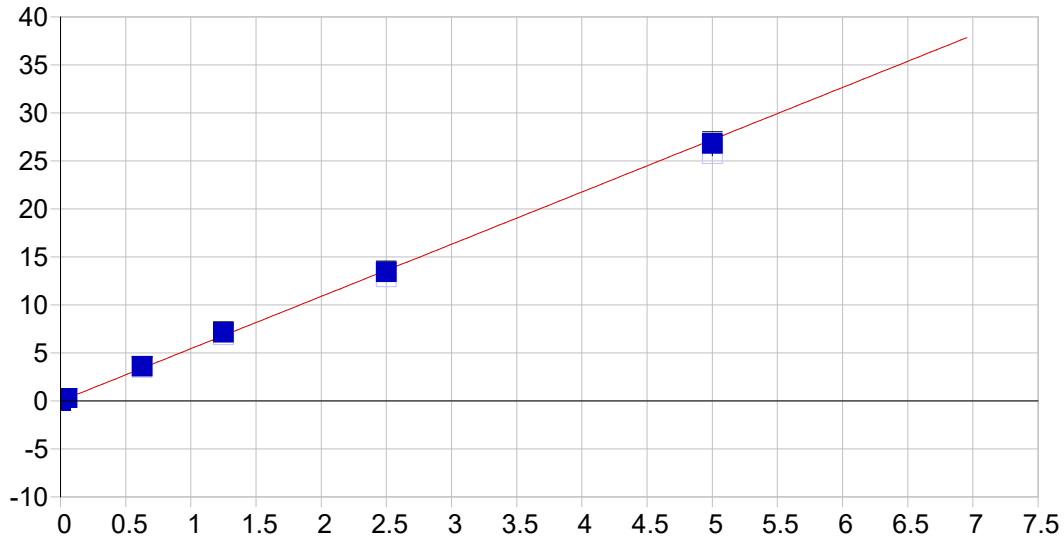
Na 818.326 { 41}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006749	Re-Slope:	1.000000
A1 (Gain):	0.008677	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999456	Status:	OK.
Std Error of Est:	0.000885		
Predicted MDL:	0.893532		
Predicted MQL:	2.978440		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00033	.000	.000	.00675	.005	1
S1	5.0000	5.2529	.253	5.06	.05233	.001	1
S2	37.500	36.735	-.765	-2.04	.32549	.004	1
S3	75.000	72.645	-2.35	-3.14	.63708	.002	1
S4	150.00	141.16	-8.84	-5.90	1.2315	.012	1
S5	300.00	290.48	-9.52	-3.17	2.5272	.025	1
S6	800.00	821.23	21.2	2.65	7.1324	.036	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



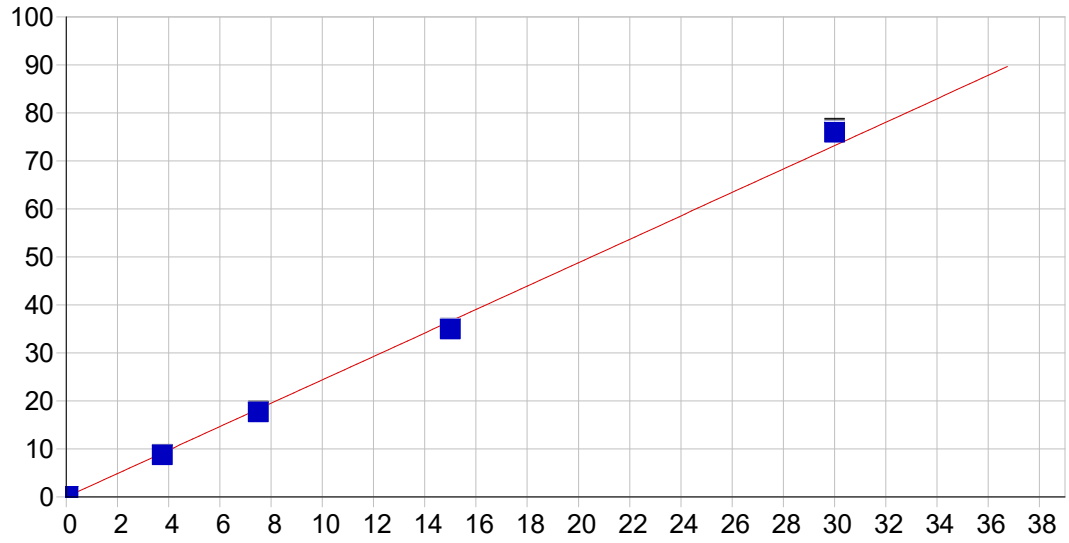
V 292.402 {115}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002809	Re-Slope:	1.000000
A1 (Gain):	5.442632	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999596	Status:	OK.
Std Error of Est:	0.003948		
Predicted MDL:	0.000996		
Predicted MQL:	0.003319		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00286	.007	1
S1	.05000	.05623	.006	12.5	.30249	.008	1
S2	.62500	.65993	.035	5.59	3.4526	.017	1
S3	1.2500	1.3102	.060	4.82	6.8556	.063	1
S4	2.5000	2.4709	-.029	-1.16	12.900	.097	1
S5	5.0000	4.9274	-.073	-1.45	25.725	.196	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



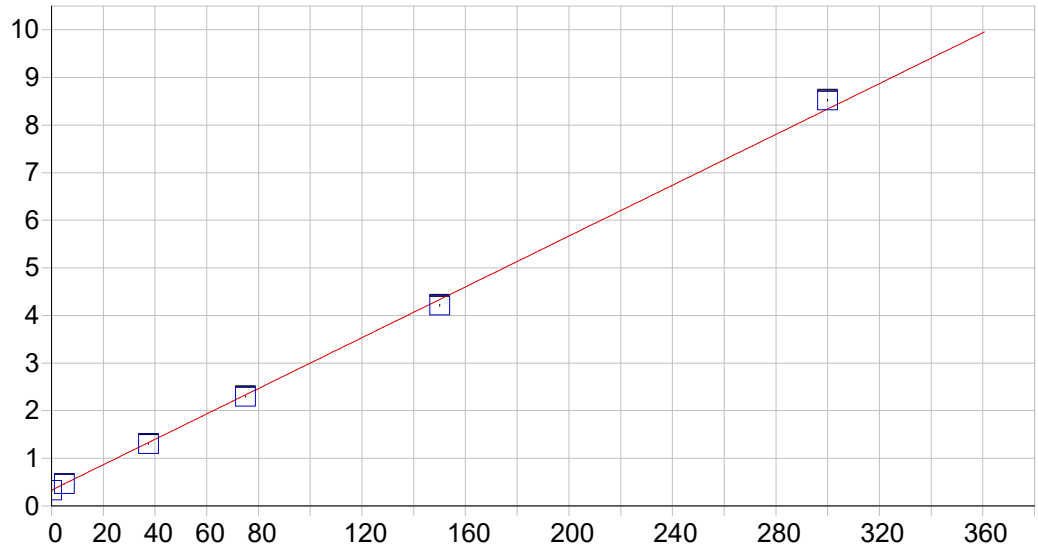
Zn 213.856 {158}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005109	Re-Slope:	1.000000
A1 (Gain):	2.439104	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999210	Status:	OK.
Std Error of Est:	0.006935		
Predicted MDL:	0.000563		
Predicted MQL:	0.001876		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00513	.000	1
S1	.06000	.05697	-.003	-5.06	.14451	.001	1
S2	3.7500	3.5738	-.176	-4.70	8.7667	.096	1
S3	7.5000	7.2407	-.259	-3.46	17.755	.083	1
S4	15.000	14.320	-.680	-4.53	35.112	.012	1
S5	30.000	31.119	1.12	3.73	76.264	.540	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



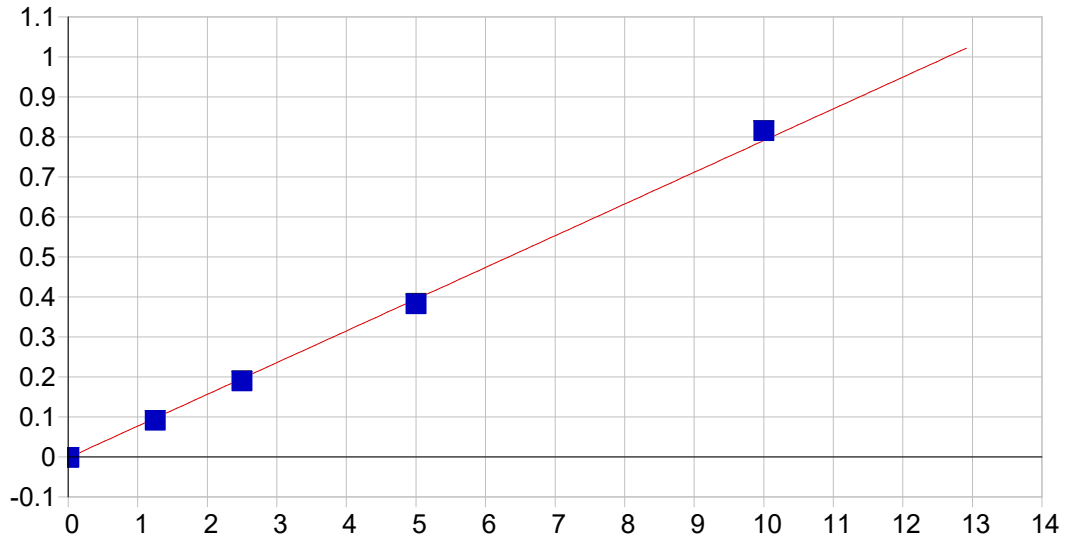
K 769.896 { 44}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.331617	Re-Slope:	1.000000
A1 (Gain):	0.026686	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999685	Status:	OK.
Std Error of Est:	0.001382		
Predicted MDL:	0.247910		
Predicted MQL:	0.826365		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00036	.000	.000	.33163	.006	1
S1	5.0000	4.9123	-.088	-1.75	.46271	.004	1
S2	37.500	36.383	-1.12	-2.98	1.3026	.011	1
S3	75.000	73.718	-1.28	-1.71	2.2989	.014	1
S4	150.00	145.47	-4.53	-3.02	4.2136	.021	1
S5	300.00	307.02	7.02	2.34	8.5249	.020	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



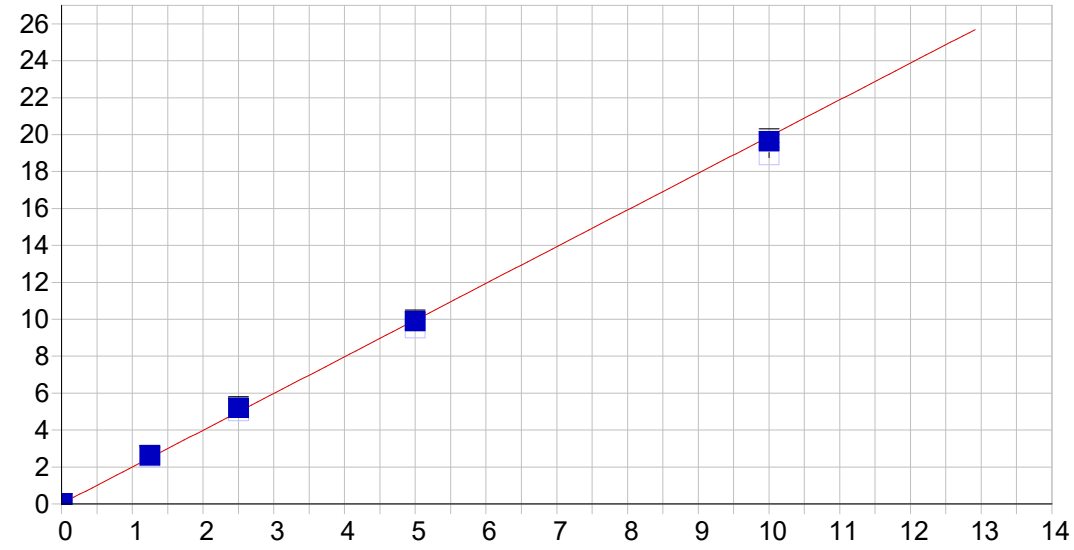
P 177.495 {490}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002209	Re-Slope:	1.000000
A1 (Gain):	0.079301	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999397	Status:	OK.
Std Error of Est:	0.000046		
Predicted MDL:	0.002121		
Predicted MQL:	0.007069		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00221	.000	1
S1	.01000	.00587	-.004	-41.3	-.00174	.000	1
S2	1.2500	1.1793	-.071	-5.66	.09116	.000	1
S3	2.5000	2.4153	-.085	-3.39	.18904	.000	1
S4	5.0000	4.8507	-.149	-2.99	.38188	.001	1
S5	10.000	10.309	.309	3.09	.81415	.000	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



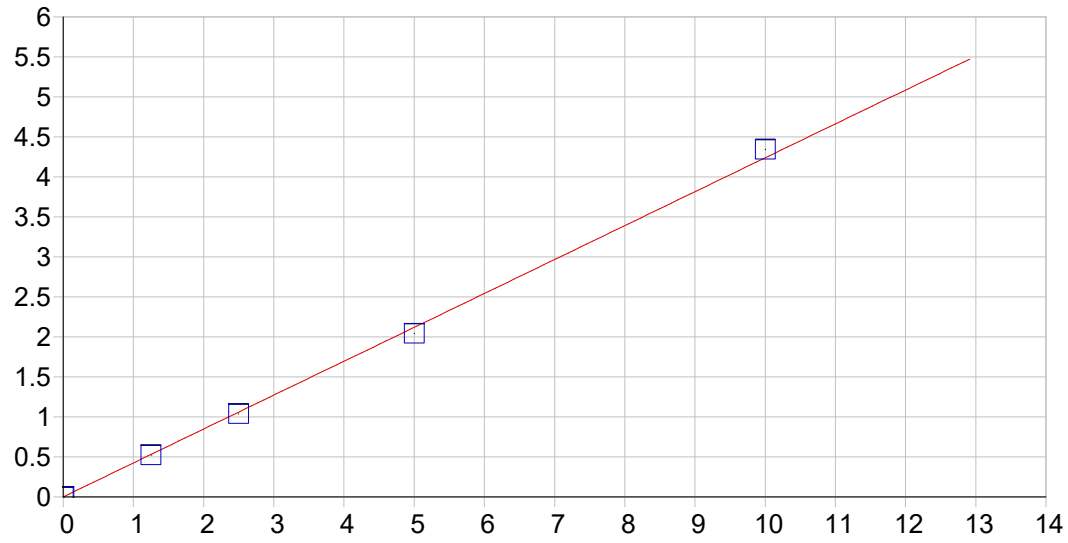
B 249.678 {135}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012121	Re-Slope:	1.000000
A1 (Gain):	1.988333	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999435	Status:	OK.
Std Error of Est:	0.001078		
Predicted MDL:	0.001948		
Predicted MQL:	0.006494		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.01214	.003	1
S1	.01000	.00010	-.010	-99.0	.01222	.003	1
S2	1.2500	1.3099	.060	4.79	2.5221	.016	1
S3	2.5000	2.6126	.113	4.51	5.0179	.065	1
S4	5.0000	4.9663	-.034	-.674	9.5087	.078	1
S5	10.000	9.8714	-.129	-1.29	18.884	.140	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



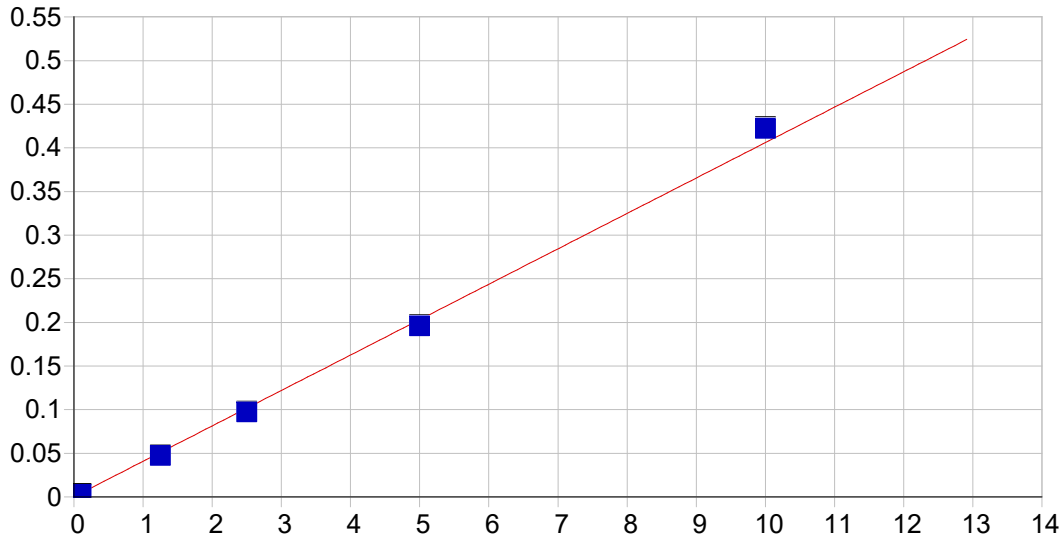
Mo 202.030 {467}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000705	Re-Slope:	1.000000
A1 (Gain):	0.423780	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999624	Status:	OK.
Std Error of Est:	0.000195		
Predicted MDL:	0.000731		
Predicted MQL:	0.002438		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00070	.000	1
S1	.01000	.00979	-.000	-2.08	.00485	.000	1
S2	1.2500	1.2360	-.014	-1.12	.52450	.001	1
S3	2.5000	2.4479	-.052	-2.08	1.0381	.001	1
S4	5.0000	4.8174	-.183	-3.65	2.0422	.003	1
S5	10.000	10.249	.249	2.49	4.3440	.006	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



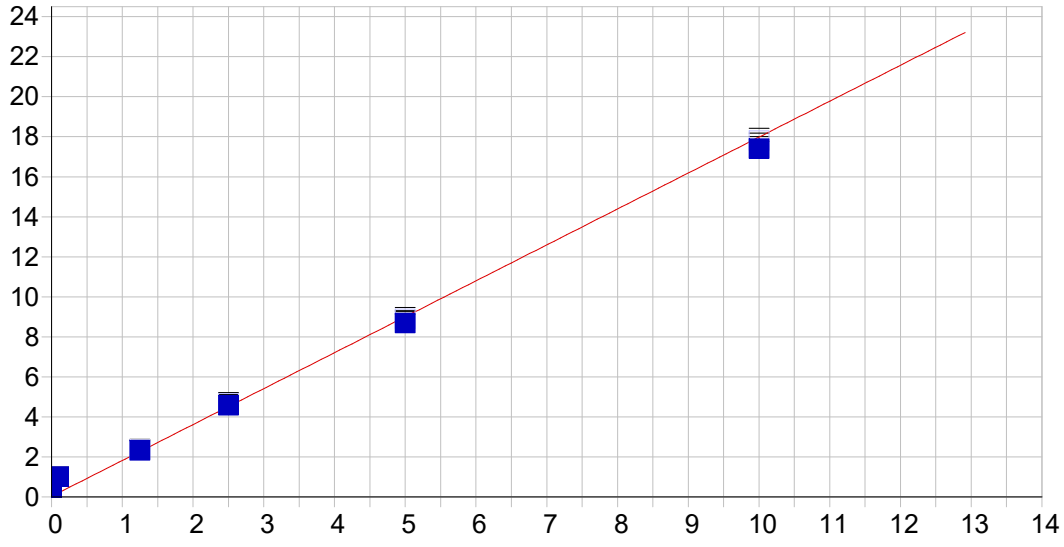
S 182.034 {485}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000253	Re-Slope:	1.000000
A1 (Gain):	0.040583	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999028	Status:	OK.
Std Error of Est:	0.000095		
Predicted MDL:	0.003797		
Predicted MQL:	0.012656		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00025	.000	1
S1	.10000	.07937	-.021	-20.6	.00347	.000	1
S2	1.2500	1.1637	-.086	-6.90	.04765	.000	1
S3	2.5000	2.3883	-.112	-4.47	.09751	.001	1
S4	5.0000	4.8241	-.176	-3.52	.19669	.001	1
S5	10.000	10.394	.394	3.94	.42340	.001	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



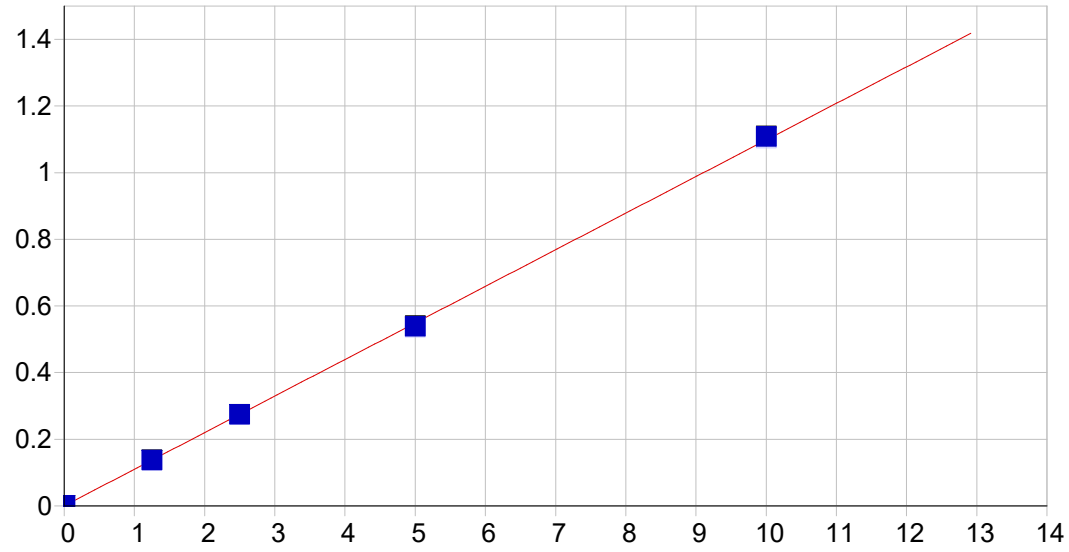
Si 251.611 {134}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.025975	Re-Slope:	1.000000
A1 (Gain):	1.795437	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.952645	Status:	OK.
Std Error of Est:	0.031145		
Predicted MDL:	0.002209		
Predicted MQL:	0.007363		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00044	-.000	.000	.02518	.002	1
S1	.10000	.54597	.446	446.	1.0088	.012	1
S2	1.2500	1.2755	.026	2.04	2.3670	.011	1
S3	2.5000	2.5310	.031	1.24	4.6722	.048	1
S4	5.0000	4.8254	-.175	-3.49	8.8934	.075	1
S5	10.000	9.6758	-.324	-3.24	17.806	.120	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



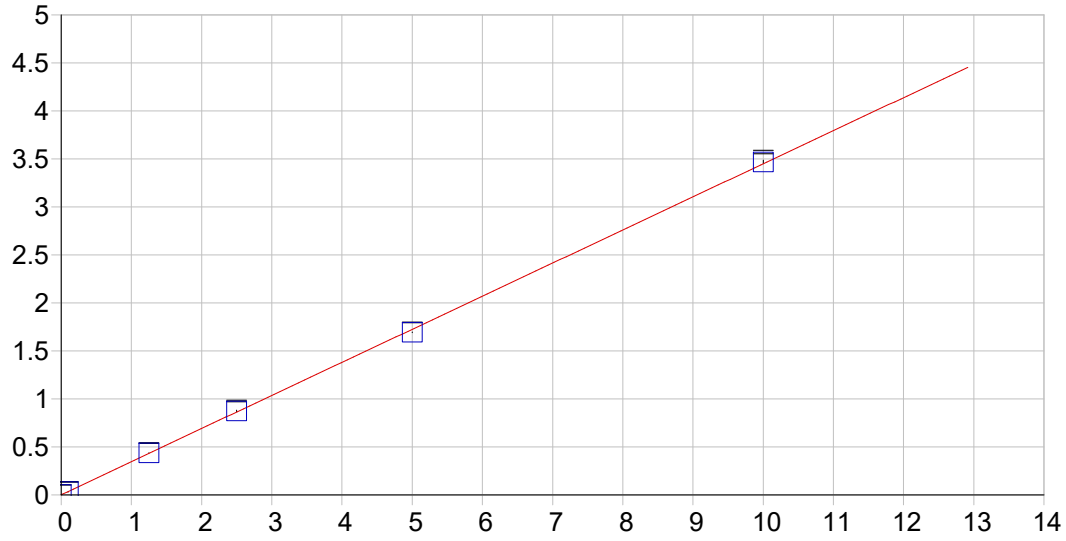
Sn 189.989 {478}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000214	Re-Slope:	1.000000
A1 (Gain):	0.109788	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000018		
Predicted MDL:	0.001261		
Predicted MQL:	0.004205		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00021	.000	1
S1	.00700	.00632	-.001	-9.69	.00088	.000	1
S2	1.2500	1.2500	.000	.001	.13676	.000	1
S3	2.5000	2.4993	-.001	-.026	.27324	.000	1
S4	5.0000	4.9066	-.093	-1.87	.53615	.002	1
S5	10.000	10.095	.095	.947	1.1030	.002	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



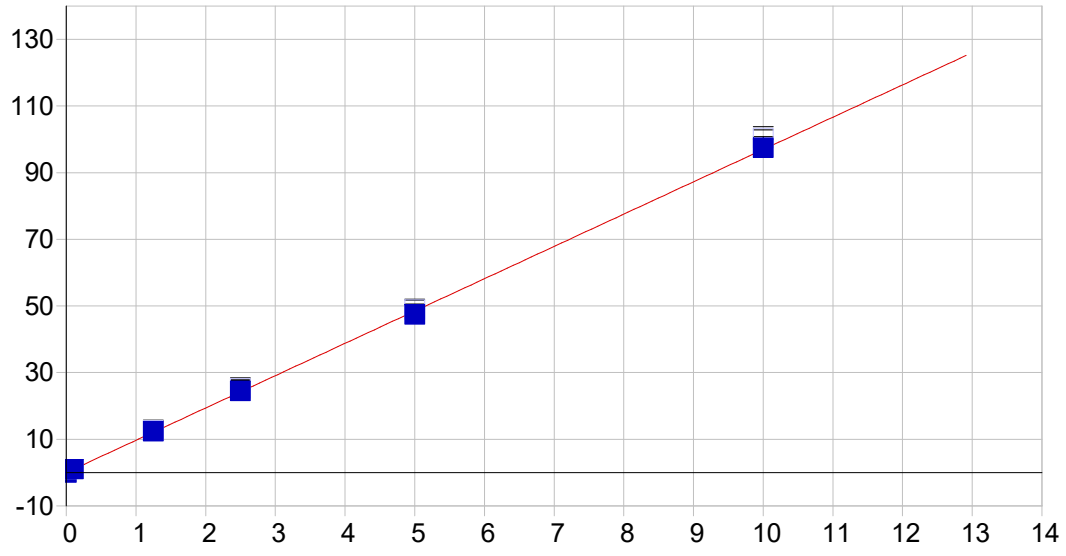
Ti 336.121 {100}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001755	Re-Slope:	1.000000
A1 (Gain):	0.344741	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999922	Status:	OK.
Std Error of Est:	0.000229		
Predicted MDL:	0.006269		
Predicted MQL:	0.020898		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00176	.000	1
S1	.10000	.09444	-.006	-5.56	.03431	.003	1
S2	1.2500	1.2629	.013	1.03	.43711	.003	1
S3	2.5000	2.5330	.033	1.32	.87499	.007	1
S4	5.0000	4.9055	-.094	-1.89	1.6929	.004	1
S5	10.000	10.054	.054	.541	3.4678	.017	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



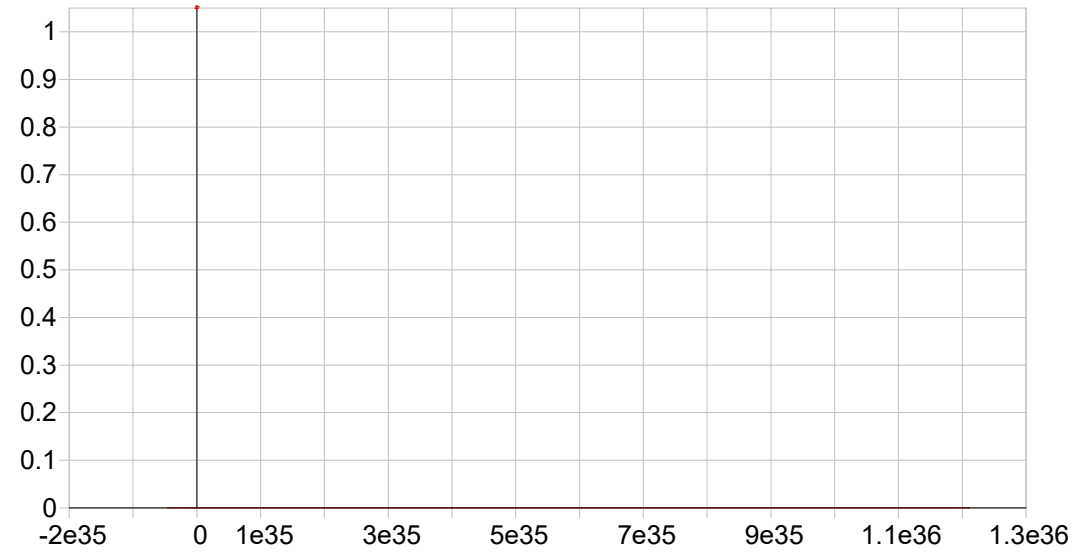
Sr 407.771 { 83}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003899	Re-Slope:	1.000000
A1 (Gain):	9.696488	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999904	Status:	OK.
Std Error of Est:	0.007371		
Predicted MDL:	0.000334		
Predicted MQL:	0.001113		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00399	.004	1
S1	.10000	.10846	.008	8.46	1.0488	.001	1
S2	1.2500	1.2726	.023	1.81	12.700	.029	1
S3	2.5000	2.5278	.028	1.11	25.234	.194	1
S4	5.0000	4.8950	-.105	-2.10	48.915	.160	1
S5	10.000	10.046	.046	.464	100.32	.467	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

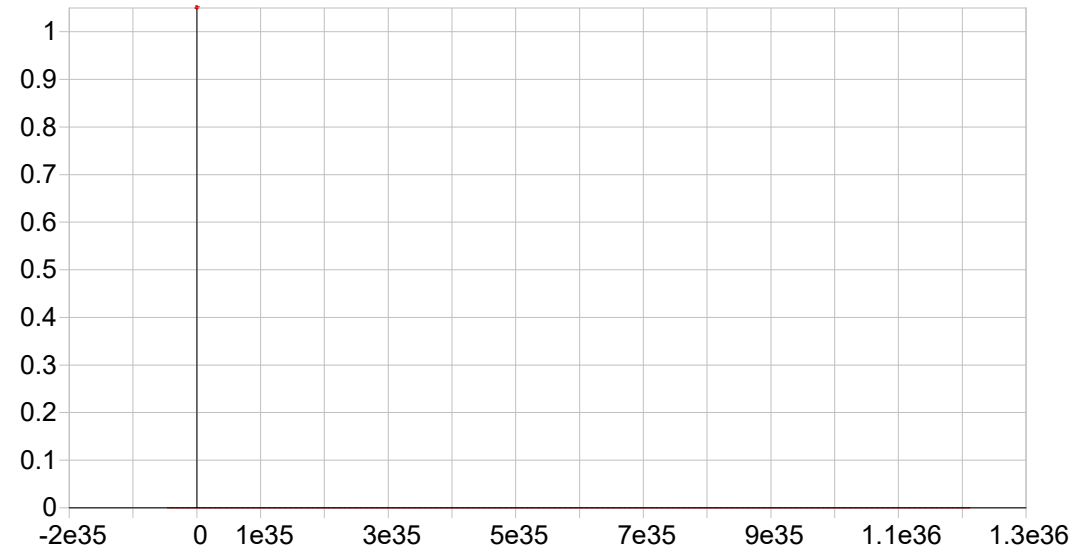


Y 224.306 {450}*

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}*

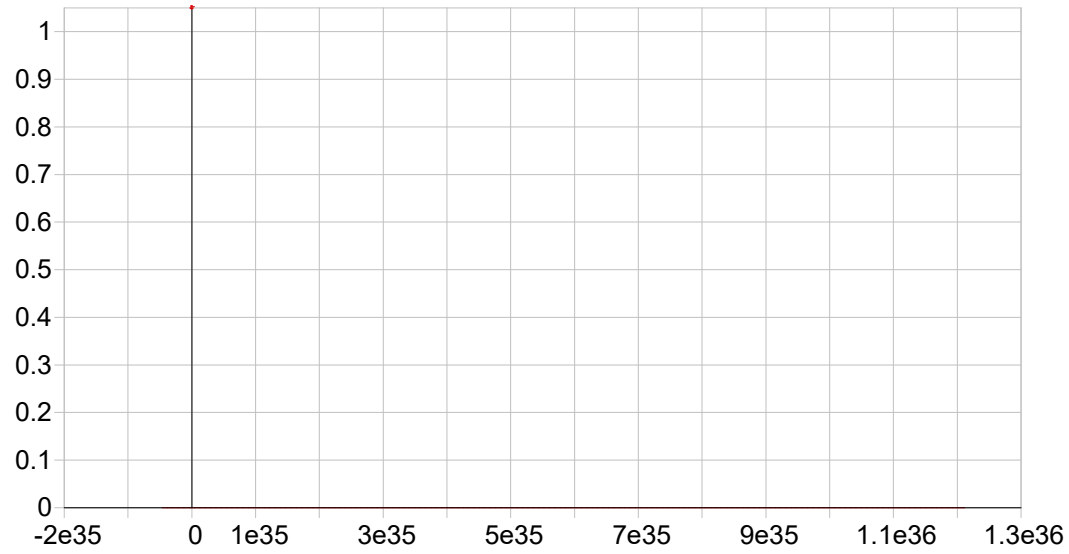
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
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



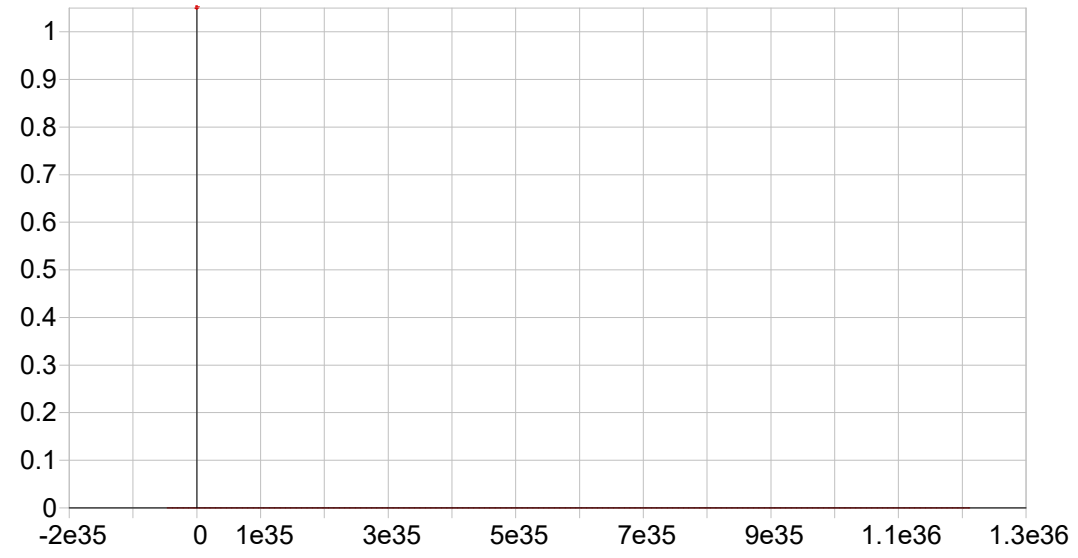
Y 371.030 { 91}*

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

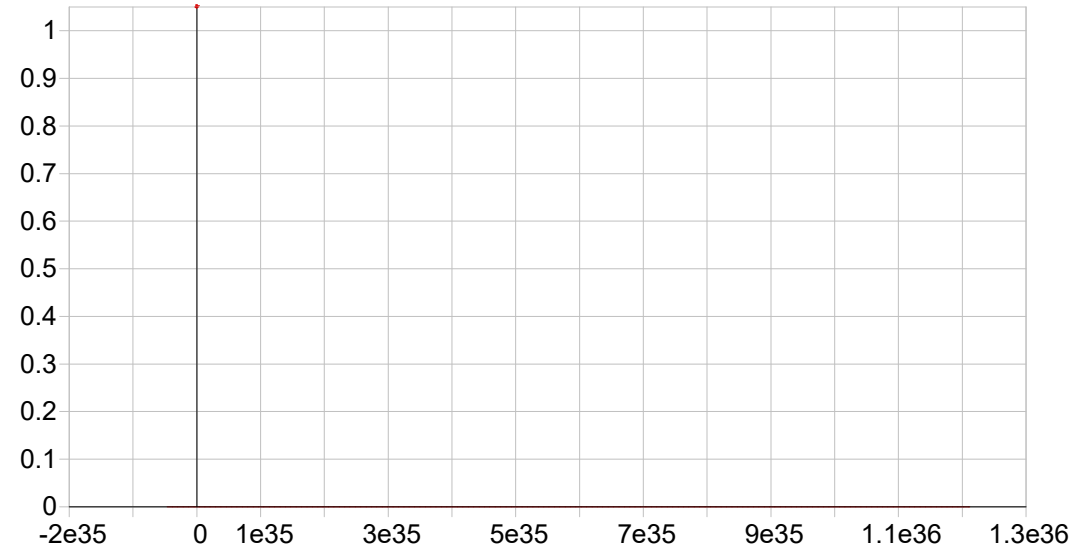
Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5



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



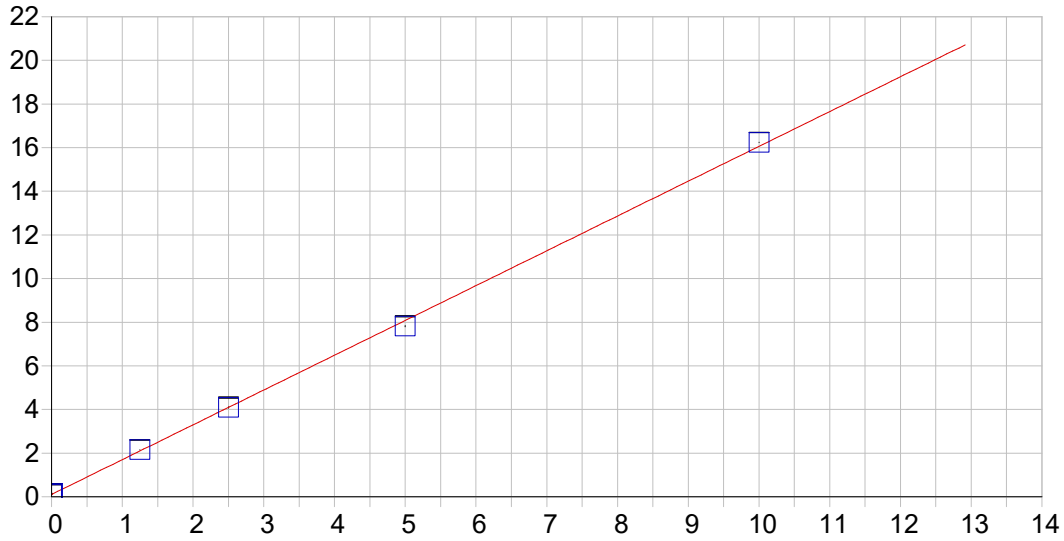
In 230.606 {446}*

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:jaswal
On:1/12/2025 8:54:07 PM
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



Li 670.784 { 50}

Date of Fit:	01/10/2025 13:48:12	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.103787	Re-Slope:	1.000000
A1 (Gain):	1.595589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999232	Status:	OK.
Std Error of Est:	0.001285		
Predicted MDL:	0.004406		
Predicted MQL:	0.014687		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.10376	.011	1
S5	10.000	10.111	.111	1.11	16.237	.008	1
S4	5.0000	4.8341	-.166	-3.32	7.8170	.035	1
S3	2.5000	2.5028	.003	.112	4.0972	.030	1
S2	1.2500	1.2843	.034	2.74	2.1530	.006	1
S1	.01500	.03281	.018	119.	.15614	.006	1

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S0 Acquired: 01/10/2025 11:09:30 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	2.1971	-.00041	-.00007	.00014	-.00022	.00112	.16218	.01313
Stddev	.6105	.00014	.00048	.00004	.00051	.00301	.00874	.00501
%RSD	27.787	32.871	709.72	25.928	231.38	267.80	5.3903	38.139
#1	2.4417	-.00057	-.00016	.00017	.00030	-.00209	.15334	.01038
#2	1.5022	-.00037	-.00049	.00010	-.00025	.00158	.16237	.01010
#3	2.6473	-.00030	.00045	.00017	-.00071	.00388	.17082	.01892

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	.00002	.00938	-.00031	-.00076	.08258	-.00069	.00060	-.00163
Stddev	.00017	.00345	.00014	.00013	.00168	.00081	.00097	.00203
%RSD	742.73	36.819	44.523	17.833	2.0301	117.20	161.84	124.30
#1	-.00015	.01336	-.00032	-.00063	.08066	-.00007	.00150	-.00208
#2	.00003	.00715	-.00017	-.00090	.08374	-.00039	-.00044	-.00340
#3	.00019	.00764	-.00045	-.00073	.08335	-.00160	.00074	.00058

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	-.00070	.00038	.00675	-.00286	.00513	.33163	-.00221	.01214
Stddev	.00021	.00009	.00527	.00701	.00028	.00648	.00010	.00267
%RSD	30.134	24.526	78.124	244.62	5.4853	1.9552	4.5991	22.020
#1	-.00092	.00034	.00397	-.01031	.00499	.32558	-.00212	.01519
#2	-.00068	.00032	.00345	.00359	.00495	.33082	-.00232	.01020
#3	-.00050	.00049	.01284	-.00187	.00545	.33848	-.00219	.01103

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00070	.00025	.02518	.00021	.00176	-.00399	.10376
Stddev	.00017	.00004	.00178	.00012	.00041	.00395	.01074
%RSD	24.553	14.255	7.0520	54.769	23.092	98.900	10.349
#1	.00082	.00027	.02694	.00012	.00222	-.00358	.11455
#2	.00051	.00028	.02522	.00017	.00146	-.00813	.10364
#3	.00079	.00021	.02339	.00035	.00159	-.00027	.09308

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S0 Acquired: 01/10/2025 11:09:30 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	3501.3	32381.	1331.0	2008.3	4048.0
Stddev	1.1	113.	9.9	7.7	1.9
%RSD	.03141	.34953	.74053	.38452	.04618
#1	3500.1	32330.	1321.9	2009.1	4050.0
#2	3501.5	32303.	1329.8	2000.2	4047.6
#3	3502.3	32511.	1341.5	2015.6	4046.3

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S1 Acquired: 01/10/2025 11:13:35 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	4.5668	.00224	.00160	.00172	.00534	.02055	.98492	.10662
Stddev	.2708	.00011	.00019	.00007	.00009	.00361	.00692	.00370
%RSD	5.9310	4.8346	11.631	4.0120	1.7516	17.540	.70239	3.4657
#1	4.8069	.00213	.00153	.00180	.00535	.01663	.99284	.11082
#2	4.6202	.00234	.00145	.00167	.00542	.02131	.98184	.10521
#3	4.2732	.00224	.00181	.00169	.00524	.02372	.98008	.10384

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	.01688	.27425	.00278	.03536	.36309	.00229	.00478	.04050
Stddev	.00014	.00326	.00022	.00040	.01263	.00123	.00101	.00069
%RSD	.83288	1.1903	7.8862	1.1195	3.4797	53.448	21.019	1.7046
#1	.01701	.27095	.00271	.03564	.37712	.00120	.00472	.04101
#2	.01689	.27434	.00302	.03491	.35261	.00362	.00381	.03972
#3	.01673	.27747	.00260	.03554	.35954	.00206	.00582	.04079

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	.02425	.00286	.05233	.30249	.14451	.46271	-.00174	.01222
Stddev	.00024	.00052	.00109	.00786	.00071	.00395	.00013	.00305
%RSD	.99400	18.343	2.0805	2.5993	.49354	.85294	7.3533	24.984
#1	.02410	.00344	.05163	.30435	.14513	.46253	-.00167	.01222
#2	.02412	.00243	.05358	.30925	.14373	.45885	-.00189	.00916
#3	.02453	.00270	.05177	.29386	.14466	.46674	-.00166	.01527

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00485	.00347	1.0088	.00088	.03431	1.0488	.15614
Stddev	.00015	.00009	.0117	.00004	.00327	.0006	.00566
%RSD	3.1267	2.5391	1.1623	4.8551	9.5411	.05331	3.6268
#1	.00471	.00343	1.0210	.00085	.03080	1.0485	.16266
#2	.00484	.00358	1.0077	.00092	.03486	1.0494	.15334
#3	.00501	.00341	.99763	.00085	.03728	1.0484	.15243

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S1 Acquired: 01/10/2025 11:13:35 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	3515.0	32528.	1343.0	1997.2	3917.3
Stddev	8.2	157.	6.9	7.5	13.3
%RSD	.23247	.48337	.51040	.37518	.33872
#1	3514.6	32689.	1336.1	2003.8	3915.4
#2	3523.3	32520.	1343.0	1998.8	3931.4
#3	3507.0	32375.	1349.8	1989.1	3905.0

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S2 Acquired: 01/10/2025 11:17:37 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	370.77	.12620	1.4311	.06749	.12855	3.5538	10.334	2.3202
Stddev	2.56	.00027	.0031	.00033	.00076	.0046	.022	.0097
%RSD	.69105	.21612	.21890	.48867	.58876	.13055	.21146	.41893
#1	370.97	.12630	1.4324	.06779	.12939	3.5576	10.334	2.3289
#2	368.12	.12641	1.4334	.06754	.12833	3.5552	10.312	2.3097
#3	373.23	.12589	1.4276	.06713	.12792	3.5486	10.356	2.3219

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	2.2720	3.2331	1.0732	.46992	37.619	.89768	1.2071	.53748
Stddev	.0051	.0066	.0104	.00177	.182	.00085	.0012	.00097
%RSD	.22300	.20566	.96920	.37561	.48407	.09495	.09831	.18053
#1	2.2761	3.2320	1.0618	.47160	37.823	.89866	1.2083	.53770
#2	2.2735	3.2270	1.0755	.47009	37.472	.89730	1.2060	.53642
#3	2.2663	3.2402	1.0823	.46808	37.562	.89708	1.2069	.53833

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	.41403	.07369	.32549	3.4526	8.7667	1.3026	.09116	2.5221
Stddev	.00103	.00086	.00405	.0174	.0956	.0112	.00012	.0161
%RSD	.24783	1.1732	1.2443	.50387	1.0901	.85921	.13636	.63692
#1	.41458	.07271	.32890	3.4619	8.6567	1.3079	.09130	2.5404
#2	.41466	.07403	.32101	3.4326	8.8290	1.3101	.09114	2.5101
#3	.41284	.07434	.32656	3.4634	8.8144	1.2897	.09105	2.5159

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.52450	.04765	2.3670	.13676	.43711	12.700	2.1530
Stddev	.00111	.00034	.0105	.00032	.00323	.029	.0065
%RSD	.21143	.72269	.44383	.23664	.74003	.22445	.29995
#1	.52470	.04803	2.3765	.13655	.43613	12.673	2.1567
#2	.52549	.04752	2.3558	.13714	.43448	12.698	2.1568
#3	.52330	.04738	2.3688	.13660	.44072	12.729	2.1455

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S2 Acquired: 01/10/2025 11:17:37 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	3295.1	30859.	1315.6	1878.0	3326.9
Stddev	17.9	399.	3.7	26.8	17.2
%RSD	.54307	1.2943	.27880	1.4283	.51570
#1	3293.5	31317.	1314.9	1907.4	3325.1
#2	3278.0	30585.	1312.3	1854.8	3310.7
#3	3313.7	30674.	1319.5	1871.8	3344.9

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S3 Acquired: 01/10/2025 11:21:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	725.11	.24688	2.8587	.13569	.25441	7.0516	20.451	4.6097
Stddev	2.81	.00050	.0046	.00045	.00023	.0442	.131	.0557
%RSD	.38709	.20381	.16007	.32865	.08902	.62629	.64179	1.2080
#1	726.01	.24737	2.8575	.13545	.25447	7.0633	20.471	4.6249
#2	727.36	.24636	2.8549	.13542	.25416	7.0888	20.570	4.6562
#3	721.96	.24690	2.8638	.13621	.25460	7.0028	20.310	4.5480

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	4.5560	6.3982	2.1284	.92535	73.603	1.7865	2.3949	1.0660
Stddev	.0032	.0424	.0071	.00147	.918	.0169	.0237	.0066
%RSD	.06978	.66339	.33479	.15879	1.2474	.94515	.98942	.61565
#1	4.5534	6.3967	2.1359	.92418	73.926	1.7959	2.4037	1.0694
#2	4.5549	6.4414	2.1273	.92486	74.316	1.7966	2.4130	1.0700
#3	4.5595	6.3565	2.1218	.92700	72.567	1.7670	2.3681	1.0584

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	.82480	.14694	.63708	6.8556	17.755	2.2989	.18904	5.0179
Stddev	.00099	.00056	.00164	.0629	.083	.0144	.00049	.0650
%RSD	.11963	.38129	.25694	.91748	.46983	.62835	.25923	1.2963
#1	.82555	.14725	.63796	6.8638	17.665	2.2895	.18906	5.0416
#2	.82368	.14727	.63810	6.9141	17.773	2.3155	.18854	5.0677
#3	.82517	.14629	.63519	6.7891	17.829	2.2917	.18952	4.9443

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0381	.09751	4.6722	.27324	.87499	25.234	4.0972
Stddev	.0014	.00067	.0482	.00045	.00671	.194	.0303
%RSD	.13681	.68348	1.0314	.16624	.76736	.77040	.73844
#1	1.0381	.09755	4.6928	.27297	.88181	25.306	4.0750
#2	1.0367	.09682	4.7066	.27298	.87477	25.382	4.1317
#3	1.0395	.09815	4.6171	.27376	.86839	25.014	4.0851

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S3 Acquired: 01/10/2025 11:21:28 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	3215.1	30103.	1297.4	1815.3	3182.4
Stddev	10.8	82.	10.0	14.5	9.3
%RSD	.33587	.27275	.76801	.80045	.29202
#1	3218.3	30101.	1296.4	1828.9	3184.3
#2	3223.9	30186.	1288.0	1817.0	3190.5
#3	3203.0	30022.	1307.8	1800.0	3172.3

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S4 Acquired: 01/10/2025 11:25:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	1354.9	.47130	5.6411	.26858	.50768	13.724	39.791	8.8571
Stddev	6.3	.00084	.0136	.00060	.00044	.033	.133	.0861
%RSD	.46307	.17770	.24078	.22288	.08661	.23794	.33481	.97194
#1	1354.2	.47189	5.6461	.26916	.50819	13.713	39.745	8.9255
#2	1349.0	.47034	5.6257	.26796	.50743	13.760	39.941	8.8854
#3	1361.5	.47166	5.6514	.26863	.50742	13.697	39.687	8.7604

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	8.9650	12.246	4.1536	1.7961	138.92	3.4251	4.5924	2.0571
Stddev	.0218	.033	.0068	.0037	1.20	.0116	.0200	.0065
%RSD	.24296	.27010	.16471	.20519	.86055	.33809	.43598	.31365
#1	8.9792	12.242	4.1588	1.7985	140.04	3.4192	4.5747	2.0529
#2	8.9399	12.281	4.1560	1.7919	139.06	3.4384	4.6141	2.0646
#3	8.9759	12.216	4.1458	1.7979	137.66	3.4176	4.5883	2.0539

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	1.6133	.29045	1.2315	12.900	35.112	4.2136	.38188	9.5087
Stddev	.0038	.00044	.0120	.097	.012	.0209	.00124	.0785
%RSD	.23714	.15284	.97418	.75442	.03511	.49535	.32420	.82528
#1	1.6136	.29071	1.2243	12.992	35.098	4.1896	.38311	9.5910
#2	1.6093	.29070	1.2454	12.910	35.118	4.2281	.38063	9.5004
#3	1.6170	.28994	1.2249	12.798	35.120	4.2230	.38190	9.4348

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.0422	.19669	8.8934	.53615	1.6929	48.915	7.8170
Stddev	.0033	.00062	.0746	.00152	.0039	.160	.0346
%RSD	.16151	.31411	.83832	.28345	.23192	.32743	.44316
#1	2.0460	.19683	8.9629	.53756	1.6887	48.800	7.7797
#2	2.0402	.19601	8.9027	.53454	1.6965	49.098	7.8482
#3	2.0404	.19722	8.8147	.53636	1.6935	48.846	7.8230

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S4 Acquired: 01/10/2025 11:25:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	2995.9	28329.	1258.1	1685.7	2944.4
Stddev	12.5	67.	10.2	7.1	6.4
%RSD	.41654	.23525	.81212	.42410	.21805
#1	2987.9	28363.	1251.5	1691.8	2938.2
#2	2989.5	28252.	1252.9	1677.8	2943.9
#3	3010.3	28372.	1269.8	1687.4	2951.0

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S5 Acquired: 01/10/2025 11:28:57 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	2734.8	.95266	11.681	.58650	1.1052	28.505	83.243	18.131
Stddev	6.3	.00155	.006	.00100	.0012	.162	.126	.106
%RSD	.22924	.16275	.05389	.17067	.11236	.56743	.15162	.58207
#1	2732.1	.95120	11.675	.58562	1.1039	28.691	83.345	18.073
#2	2730.3	.95428	11.682	.58630	1.1064	28.428	83.282	18.253
#3	2741.9	.95249	11.687	.58759	1.1053	28.396	83.102	18.068

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	18.526	24.867	8.4986	3.6906	277.64	6.9420	9.2739	4.1961
Stddev	.009	.096	.0180	.0010	4.59	.0313	.0548	.0251
%RSD	.04824	.38617	.21124	.02805	1.6549	.45025	.59112	.59760
#1	18.530	24.965	8.5191	3.6912	278.08	6.9780	9.3333	4.2242
#2	18.515	24.864	8.4860	3.6894	282.00	6.9220	9.2631	4.1879
#3	18.532	24.773	8.4906	3.6912	272.84	6.9261	9.2252	4.1761

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	3.3303	.61140	2.5272	25.725	76.264	8.5249	.81415	18.884
Stddev	.0055	.00117	.0251	.196	.540	.0203	.00038	.140
%RSD	.16370	.19082	.99321	.76233	.70820	.23816	.04712	.74198
#1	3.3268	.61269	2.5551	25.652	76.762	8.5465	.81445	18.790
#2	3.3275	.61041	2.5200	25.947	76.341	8.5220	.81372	19.045
#3	3.3366	.61112	2.5065	25.575	75.690	8.5062	.81427	18.816

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.3440	.42340	17.806	1.1030	3.4678	100.32	16.237
Stddev	.0059	.00088	.120	.0015	.0174	.47	.008
%RSD	.13665	.20851	.67288	.13789	.50217	.46539	.04757
#1	4.3375	.42238	17.733	1.1024	3.4871	100.85	16.245
#2	4.3454	.42395	17.944	1.1018	3.4631	100.13	16.230
#3	4.3491	.42386	17.741	1.1047	3.4533	99.977	16.236

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S5 Acquired: 01/10/2025 11:28:57 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	2760.0	26819.	1230.1	1489.6	2766.8
Stddev	5.2	206.	8.2	16.2	4.8
%RSD	.18793	.76892	.66913	1.0906	.17453
#1	2761.1	26582.	1226.1	1471.6	2765.1
#2	2754.3	26920.	1224.7	1494.2	2763.1
#3	2764.5	26955.	1239.6	1503.1	2772.3

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: S6 Acquired: 01/10/2025 11:32:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v102) 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	77.522	40.645	18.453	6.5625	7.1324
Stddev	.474	.076	.078	.0196	.0363
%RSD	.61165	.18807	.42191	.29873	.50933
#1	78.066	40.731	18.538	6.5845	7.1739
#2	77.196	40.586	18.385	6.5468	7.1170
#3	77.303	40.618	18.436	6.5563	7.1064

Int. Std.	Y_3710
Units	Cts/S
Avg	1192.5
Stddev	4.1
%RSD	.34146
#1	1188.5
#2	1196.7
#3	1192.5

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICV057 Acquired: 01/10/2025 13:45:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v103) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.099651	1.071776	.9879023	.9721776	1.064991	2.439304
Stddev	.006550	.001464	.0025307	.0028341	.001594	.042606
%RSD	.5956552	.1365659	.2561732	.2915169	.1496510	1.746661
#1	1.096839	1.072240	.9907082	.9689839	1.063657	2.453204
#2	1.094977	1.070136	.9857923	.9743927	1.064561	2.473224
#3	1.107138	1.072951	.9872065	.9731562	1.066756	2.391484

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5346593	.5082947	.4879404	10.68679	.5620989	.5152988
Stddev	.0078335	.0029766	.0003721	.07291	.0015694	.0015418
%RSD	1.465148	.5856092	.0762550	.6822586	.2792029	.2992071
#1	.5429586	.5113602	.4877429	10.77059	.5626968	.5164733
#2	.5273942	.5081082	.4877087	10.65194	.5603184	.5135528
#3	.5336251	.5054157	.4883696	10.63785	.5632814	.5158702

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5487984	10.40660	.5141058	6.275455	.5099247	.2574175
Stddev	.0026037	.16111	.0066584	.119000	.0016305	.0005100
%RSD	.4744370	1.548129	1.295151	1.896276	.3197428	.1981404
#1	.5507922	10.58603	.5179406	6.410254	.5111136	.2580045
#2	.5497502	10.35942	.5064173	6.184967	.5080661	.2570820
#3	.5458527	10.27435	.5179595	6.231145	.5105945	.2571661

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.003823	.5441387	1.022291	10.00932	F .0064307	F -.001111
Stddev	.403591	.0040734	.004870	.19706	.0005900	.001044
%RSD	4.482441	.7486028	.4763821	1.968780	9.175042	93.98562
#1	9.147698	.5471542	1.020000	9.80279	.0057545	-.000573
#2	9.315760	.5457570	1.027884	10.19530	.0066965	-.000445
#3	8.548009	.5395047	1.018989	10.02986	.0068410	-.002314

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICV057 Acquired: 01/10/2025 13:45:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v103) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICV057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0008326	F .0091354	F .0011172	F -.000749	F -.002257	F -.009048
Stddev	.0005495	.0022361	.0045487	.000821	.005925	.000153
%RSD	65.99955	24.47697	407.1404	109.4934	262.5230	1.688551
#1	.0013726	.0089976	-.003854	-.000706	.003578	-.009196
#2	.0002741	.0069714	.005072	.000049	-.002081	-.009057
#3	.0008509	.0114371	.002134	-.001591	-.008268	-.008891

Elem	Li6707
Units	ppm
Avg	F -.012268
Stddev	.004722
%RSD	38.48844
#1	-.011232
#2	-.008151
#3	-.017422

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3354.049	30397.47	1354.164	1921.777	3595.824
Stddev	12.391	119.05	10.319	5.106	13.921
%RSD	.3694411	.3916285	.7619926	.2656877	.3871442
#1	3339.835	30261.78	1343.436	1919.313	3579.931
#2	3362.578	30446.29	1355.036	1918.370	3605.857
#3	3359.733	30484.35	1364.018	1927.647	3601.684

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICB057 Acquired: 01/10/2025 13:50:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005110	.0022756	-.003312	-.002508	.0009138	.0046446	-.002452
Stddev	.004574	.0023911	.003164	.001362	.0017887	.0414387	.002921
%RSD	89.50611	105.0725	95.52696	54.28474	195.7496	892.1832	119.1175
#1	.000147	.0001121	-.001073	-.004080	-.000576	-.007586	.000331
#2	-.007302	.0048429	-.001931	-.001748	.002898	-.029302	-.002194
#3	-.008175	.0018719	-.006931	-.001697	.000419	.050822	-.005494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000863	.0000463	.0376439	.0008985	.0003532	.0001793	.0053461
Stddev	.0001939	.0000493	.0399094	.0007723	.0006869	.0002817	.0804642
%RSD	224.7327	106.4853	106.0185	85.94890	194.4863	157.1015	1505.089
#1	-.000137	.0000113	-.002813	.0003420	.0008665	.0003112	-.087318
#2	.000184	.0000249	.038762	.0017802	.0006202	-.000144	.057549
#3	.000212	.0001027	.076982	.0005734	-.000427	.000371	.045807

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004195	-.145402	-.000098	-.000752	.8616343	-.000120	-.002470
Stddev	.000457	.082303	.000603	.001494	.8276416	.000457	.000295
%RSD	10.90373	56.60367	613.1881	198.6618	96.05486	380.1173	11.94538
#1	-.003855	-.085257	.000429	-.001434	1.414636	-.000621	-.002498
#2	-.004715	-.111751	.000031	.000961	-.089872	.000272	-.002163
#3	-.004015	-.239199	-.000756	-.001784	1.260139	-.000011	-.002751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2240749	-.001759	-.006242	.0000001	-.002336	.0004958	-.001894
Stddev	.2337292	.001197	.001956	.0002469	.004976	.0014598	.000344
%RSD	104.3085	68.06281	31.32950	259436.6	212.9730	294.4213	18.14988
#1	.1888597	-.000457	-.007171	-.000264	.002743	.0019642	-.001587
#2	.4734136	-.002006	-.007560	.000225	-.002551	.0004785	-.001830
#3	.0099515	-.002813	-.003995	.000040	-.007201	-.000955	-.002265

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICB057 Acquired: 01/10/2025 13:50:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICB057 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.005741	-.000011	-.005717
Stddev	.008125	.000385	.004271
%RSD	141.5164	3351.338	74.70462
#1	-.003829	.000121	-.001323
#2	-.014652	-.000445	-.005976
#3	.001257	.000289	-.009853

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3376.988	31006.58	1328.788	1917.840	3843.291
Stddev	4.871	142.88	2.701	4.869	9.166
%RSD	.1442272	.4608088	.2032526	.2538793	.2385014
#1	3372.513	30904.94	1329.915	1914.239	3836.754
#2	3376.276	31169.95	1325.706	1915.902	3839.351
#3	3382.175	30944.85	1330.742	1923.380	3853.769

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICSA057 Acquired: 01/10/2025 13:54:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007128	-.008716	-.008313	.0257305	.0139126	249.5393
Stddev	.0016938	.004557	.002057	.0019953	.0082338	1.1515
%RSD	237.6117	52.28321	24.74514	7.754574	59.18248	.4614367
#1	.0026525	-.013541	-.006036	.0268033	.0044086	248.8461
#2	-.000475	-.008124	-.010037	.0269599	.0184382	250.8685
#3	-.000039	-.004484	-.008867	.0234283	.0188911	248.9034

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030009	.0027287	.0008796	267.5098	.0550933	-.001195
Stddev	.0005386	.0000856	.0001071	1.6435	.0010067	.000234
%RSD	17.94855	3.135893	12.17472	.6143828	1.827175	19.55202
#1	.0023929	.0028190	.0007575	267.7341	.0540164	-.001430
#2	.0031913	.0026488	.0009572	269.0298	.0552530	-.000963
#3	.0034184	.0027181	.0009242	265.7657	.0560106	-.001193

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.018434	106.3629	-.000960	269.0063	.0049137	-.004169
Stddev	.000298	.1980	.003928	1.6039	.0003636	.000532
%RSD	1.615674	.1861236	409.2488	.5962301	7.399003	12.77052
#1	-.018326	106.5047	-.004873	269.6848	.0051295	-.004355
#2	-.018205	106.4473	.002983	270.1595	.0051176	-.004583
#3	-.018770	106.1367	-.000989	267.1747	.0044939	-.003569

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8610100	.0038202	-.036653	-.668365	-.003652	F .0312462
Stddev	.9094879	.0004394	.000675	.222822	.001831	.0016898
%RSD	105.6304	11.50250	1.841880	33.33835	50.13982	5.408188
#1	.3306136	.0042054	-.037425	-.673579	-.001998	.0331950
#2	1.911178	.0039137	-.036171	-.442982	-.003338	.0301882
#3	.341238	.0033416	-.036365	-.888533	-.005619	.0303553

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICSA057 Acquired: 01/10/2025 13:54:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSA057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045607	.0096473	-.010883	F .0133008	-.013552	.0078549
Stddev	.0005697	.0024869	.000577	.0021272	.005628	.0001818
%RSD	12.49161	25.77759	5.306147	15.99317	41.53045	2.315045
#1	.0047014	.0086507	-.010348	.0144136	-.014996	.0076471
#2	.0039338	.0124779	-.011495	.0108480	-.007343	.0079325
#3	.0050468	.0078134	-.010805	.0146407	-.018318	.0079850

Elem	Li6707
Units	ppm
Avg	.0095681
Stddev	.0022305
%RSD	23.31177
#1	.0109519
#2	.0107574
#3	.0069950

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3018.600	27423.43	1263.309	1732.510	3020.030
Stddev	9.146	88.81	10.329	9.729	13.767
%RSD	.3029944	.3238407	.8176448	.5615514	.4558423
#1	3020.929	27424.24	1266.025	1725.618	3024.270
#2	3026.357	27511.83	1251.894	1743.639	3031.179
#3	3008.515	27334.22	1272.010	1728.273	3004.643

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICSAB057 Acquired: 01/10/2025 14:27:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB057 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001617	.0996756	.0475256	.0783551	.6077626	248.1417
Stddev	.0017443	.0025009	.0006858	.0061357	.0039274	1.3045
%RSD	1.741445	2.509061	1.443065	7.830639	.6462106	.5257061
#1	.1020141	.1005104	.0481330	.0724784	.6097368	248.2324
#2	.0999204	.0968641	.0467819	.0778664	.6103112	246.7943
#3	.0985507	.1016523	.0476621	.0847206	.6032397	249.3985

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5645713	.5217213	1.029829	265.8730	.6229144	.5141479
Stddev	.0038428	.0042571	.001148	.8565	.0016595	.0006965
%RSD	.6806563	.8159679	.1114889	.3221318	.2664104	.1354634
#1	.5606822	.5212395	1.029690	266.3903	.6210132	.5148509
#2	.5646657	.5177256	1.028757	264.8844	.6240728	.5141347
#3	.5683661	.5261988	1.031041	266.3443	.6236571	.5134581

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5017894	105.6458	.5172360	267.0397	1.028221	.2160235
Stddev	.0026416	.6182	.0070896	.9160	.001233	.0005141
%RSD	.5264332	.5851368	1.370663	.3430358	.1198793	.2379929
#1	.5022642	105.5137	.5231033	267.3971	1.027702	.2158856
#2	.4989426	105.1044	.5192462	265.9988	1.027334	.2155923
#3	.5041613	106.3194	.5093584	267.7231	1.029629	.2165925

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3545814	.5412424	.9618437	-1.93214	-.001127	F .0301933
Stddev	.7650407	.0008925	.0054910	.18369	.001620	.0024293
%RSD	215.7588	.1649007	.5708835	9.507064	143.7582	8.045707
#1	-.527988	.5407293	.9652506	-1.96078	-.002887	.0301700
#2	.828885	.5407250	.9555092	-2.09983	.000303	.0277757
#3	.762848	.5422730	.9647711	-1.73581	-.000797	.0326340

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: ICSAB057 Acquired: 01/10/2025 14:27:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: ICSAB057 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054329	.0126781	-.006310	F .0114137	-.007578	.0084024
Stddev	.0007350	.0016383	.002240	.0032870	.009629	.0004831
%RSD	13.52919	12.92197	35.49756	28.79877	127.0738	5.749380
#1	.0061697	.0126727	-.007032	.0111535	.003467	.0089601
#2	.0046996	.0110425	-.003798	.0082646	-.014214	.0081128
#3	.0054295	.0143190	-.008100	.0148231	-.011986	.0081344

Elem	Li6707
Units	ppm
Avg	F .0258207
Stddev	.0020308
%RSD	7.864916
#1	.0235018
#2	.0272821
#3	.0266781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.450	27102.75	1265.426	1715.887	3026.798
Stddev	6.261	97.22	11.037	11.535	9.025
%RSD	.2077101	.3586943	.8721908	.6722410	.2981711
#1	3015.105	27207.39	1268.286	1718.650	3028.511
#2	3020.359	27085.63	1274.752	1725.790	3034.844
#3	3007.888	27015.23	1253.241	1703.222	3017.040

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCV144 Acquired: 01/10/2025 14:41:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV144 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.084524	5.145509	26.45155	5.444586	5.363713	406.3285
Stddev	.014855	.037694	.16354	.037997	.033051	2.1644
%RSD	.2921540	.7325544	.6182473	.6978836	.6162048	.5326818
#1	5.068068	5.111334	26.32565	5.416698	5.347158	404.7238
#2	5.088563	5.139253	26.39262	5.429197	5.342209	405.4716
#3	5.096942	5.185939	26.63639	5.487864	5.401770	408.7902

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.78371	.5163987	2.658072	426.0700	16.66925	2.560291
Stddev	.04247	.0037047	.017506	2.0056	.01079	.018015
%RSD	.3938311	.7174182	.6585984	.4707322	.0647117	.7036464
#1	10.73530	.5123563	2.642650	423.9250	16.68169	2.543895
#2	10.81469	.5172075	2.654467	426.3864	16.66257	2.557402
#3	10.80115	.5196321	2.677100	427.8987	16.66348	2.579576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.42063	414.4105	15.10218	412.7779	2.663931	1.339653
Stddev	.14745	2.2598	.09682	2.0346	.017934	.002944
%RSD	.9562129	.5453113	.6410979	.4929105	.6732251	.2197723
#1	15.25183	412.1004	15.01693	411.4474	2.649620	1.342847
#2	15.48576	414.5147	15.08216	411.7663	2.658125	1.339067
#3	15.52432	416.6164	15.20744	415.1201	2.684049	1.337046

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.7104	2.516227	15.64846	163.5591	5.300808	5.165239
Stddev	3.8423	.022571	.07028	1.4995	.030099	.047846
%RSD	.9588694	.8970229	.4491339	.9167951	.5678182	.9263049
#1	398.1619	2.491250	15.64252	162.2641	5.273642	5.111166
#2	398.8395	2.522269	15.72153	163.2112	5.295617	5.182459
#3	405.1298	2.535162	15.58134	165.2019	5.333165	5.202091

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCV144 Acquired: 01/10/2025 14:41:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV144 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.212978	5.382187	F 8.811561	5.322283	5.218851	4.961064
Stddev	.036515	.028373	.073537	.038661	.028593	.020692
%RSD	.7004621	.5271611	.8345498	.7263926	.5478698	.4170910
#1	5.192500	5.364258	8.729220	5.288696	5.190554	4.939377
#2	5.191298	5.367405	8.834768	5.313609	5.218268	4.963223
#3	5.255136	5.414899	8.870695	5.364543	5.247730	4.980592

Elem	Li6707
Units	ppm
Avg	5.404473
Stddev	.057234
%RSD	1.059008
#1	5.343231
#2	5.413581
#3	5.456606

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2715.189	25347.87	1222.181	1525.826	2676.308
Stddev	12.074	157.07	4.774	11.529	10.024
%RSD	.4446801	.6196426	.3905964	.7556089	.3745296
#1	2715.876	25166.80	1226.079	1513.400	2681.903
#2	2726.904	25447.44	1223.609	1527.900	2682.286
#3	2702.786	25429.36	1216.857	1536.177	2664.736

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCB144 Acquired: 01/10/2025 14:45:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB144 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001450	.0013570	-.001294	-.000712	-.000726	.0039696
Stddev	.001556	.0005901	.003586	.006380	.002262	.0356694
%RSD	107.3072	43.48466	277.0438	896.4478	311.6504	898.5643
#1	-.001032	.0009183	-.002443	.000658	-.000147	-.033099
#2	-.000145	.0011247	.002725	.004872	-.003222	.006955
#3	-.003171	.0020278	-.004164	-.007665	.001190	.038053

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003438	.0000030	.0000878	.0101411	.0003538	.0002646
Stddev	.001648	.0001813	.0000668	.0207419	.0000553	.0001890
%RSD	47.94224	6120.889	76.14397	204.5336	15.63786	71.44539
#1	-.004830	-.000017	.0000455	.0292065	.0004149	.0000539
#2	-.003866	.000193	.0000530	.0131625	.0003070	.0003204
#3	-.001618	-.000168	.0001648	-.011946	.0003396	.0004195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012489	-.007502	-.004966	-.005529	-.000337	-.000330
Stddev	.0007955	.077194	.004104	.053007	.000272	.001670
%RSD	63.69333	1029.027	82.64070	958.6453	80.74553	506.5859
#1	.0007918	.037021	-.000339	-.062238	-.000438	.001513
#2	.0021675	.037112	-.006391	.002877	-.000029	-.000760
#3	.0007875	-.096637	-.008167	.042772	-.000543	-.001742

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519231	.0004732	.0002689	1.673065	.0006140	.0095596
Stddev	.557734	.0012215	.0005759	.135487	.0023202	.0019152
%RSD	36.71159	258.1444	214.2127	8.098135	377.8777	20.03382
#1	.881285	-.000837	.0008037	1.828275	-.000116	.0102871
#2	1.761816	.000675	.0003436	1.612465	-.001253	.0110044
#3	1.914594	.001581	-.000341	1.578455	.003212	.0073873

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCB144 Acquired: 01/10/2025 14:45:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB144 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001288	-.001192	-.001861	-.001197	-.005712	-.000174
Stddev	.0003178	.003245	.002665	.000812	.001789	.000320
%RSD	246.8438	272.3365	143.1888	67.82753	31.31726	184.2611
#1	.0004803	-.003550	.000542	-.000389	-.007312	-.000468
#2	-.000138	.002509	-.004727	-.001189	-.003781	-.000221
#3	.000044	-.002534	-.001399	-.002012	-.006043	.000167

Elem	Li6707
Units	ppm
Avg	F .0915089
Stddev	.0146709
%RSD	16.03224
#1	.1083293
#2	.0848427
#3	.0813546

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3364.416	30717.97	1336.595	1922.594	3844.602
Stddev	43.766	130.94	6.126	11.997	51.381
%RSD	1.300850	.4262776	.4583622	.6239822	1.336447
#1	3313.893	30588.59	1329.761	1917.831	3785.336
#2	3388.662	30850.42	1341.594	1936.241	3871.852
#3	3390.693	30714.90	1338.430	1913.711	3876.617

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-06 Acquired: 01/10/2025 14:49:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874877	-.017756	.4882242	.0736542	.0203938	58.20178	.5573572
Stddev	.0009561	.003151	.0007909	.0076245	.0025747	.36420	.0010764
%RSD	1.092795	17.74919	.1619954	10.35169	12.62512	.6257498	.1931236
#1	.0881297	-.018186	.4875267	.0690786	.0174612	58.14523	.5585990
#2	.0863890	-.014411	.4880623	.0694282	.0214367	57.86916	.5566900
#3	.0879445	-.020670	.4890835	.0824559	.0222834	58.59094	.5567827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066012	.0022287	159.6834	.0874726	.0654412	.3044947	158.7132
Stddev	.0002040	.0000461	1.2827	.0012317	.0004120	.0027985	.6663
%RSD	3.089555	2.066669	.8032654	1.408075	.6295159	.9190768	.4198237
#1	.0067429	.0022757	159.5026	.0863155	.0658104	.3076828	158.7839
#2	.0066933	.0021836	158.5007	.0887673	.0655165	.3024436	158.0143
#3	.0063675	.0022269	161.0469	.0873349	.0649968	.3033578	159.3413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.119071	31.57467	.1655122	-.005248	1.181306	.1147413	.3448726
Stddev	.060726	.44903	.0004687	.000734	.149093	.0009351	.0011799
%RSD	.6659225	1.422132	.2831620	13.99233	12.62100	.8149322	.3421390
#1	9.113925	31.28537	.1651433	-.005962	1.050769	.1140762	.3459627
#2	9.061082	31.34667	.1660396	-.005286	1.149370	.1143372	.3450354
#3	9.182207	32.09195	.1653538	-.004495	1.343779	.1158104	.3436197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.67742	5.089632	.0871148	.0095333	.6818200	10.65758	.0235390
Stddev	.39698	.007641	.0014440	.0005793	.0027949	.08238	.0012926
%RSD	14.82697	.1501231	1.657620	6.076219	.4099216	.7729616	5.491299
#1	-2.80709	5.087356	.0870473	.0088681	.6797930	10.75050	.0226065
#2	-2.99335	5.083388	.0885914	.0099262	.6806587	10.59350	.0229960
#3	-2.23182	5.098152	.0857057	.0098056	.6850084	10.62873	.0250145

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-06 Acquired: 01/10/2025 14:49:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6877056	.0976428	.0622656
Stddev	.0060427	.0007404	.0025274
%RSD	.8786817	.7582858	4.059114
#1	.6857163	.0972337	.0635511
#2	.6944921	.0971972	.0593538
#3	.6829082	.0984975	.0638918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4006.010	36443.44	1607.760	2294.190	3340.757
Stddev	4.656	223.92	5.776	15.800	2.407
%RSD	.1162365	.6144285	.3592792	.6887080	.0720596
#1	4007.460	36689.90	1608.376	2307.781	3340.512
#2	4009.769	36387.92	1613.203	2297.937	3343.278
#3	4000.801	36252.51	1601.700	2276.854	3338.482

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-07 Acquired: 01/10/2025 14:53:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799753	.0043071	.2082406	.0327523	.0136760	37.16187	.3459078
Stddev	.0007141	.0024628	.0018000	.0032373	.0018264	.14662	.0027777
%RSD	.8928459	57.17903	.8643672	9.884130	13.35445	.3945404	.8030191
#1	.0806297	.0068997	.2102269	.0321226	.0115682	37.07177	.3469732
#2	.0800825	.0040228	.2077772	.0362581	.0146699	37.08279	.3427551
#3	.0792137	.0019988	.2067176	.0298761	.0147898	37.33105	.3479951

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042690	.0017673	679.5944	.1228462	.0909917	.2811421	119.7334
Stddev	.0000776	.0000698	1.1681	.0006489	.0003525	.0025227	.4796
%RSD	1.818039	3.950436	.1718845	.5282030	.3874493	.8972925	.4005852
#1	.0043278	.0017190	678.2623	.1228053	.0910862	.2788221	119.2945
#2	.0042983	.0018473	680.4441	.1235146	.0906016	.2838276	119.6602
#3	.0041811	.0017356	680.0767	.1222188	.0912875	.2807768	120.2454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.50606	23.55174	.1355477	-.004296	1.965365	.0611758	.4669970
Stddev	.06077	.06320	.0005730	.000189	.544023	.0009769	.0023853
%RSD	.5784708	.2683377	.4226986	4.403424	27.68048	1.596863	.5107829
#1	10.45589	23.50280	.1360143	-.004423	1.839086	.0607353	.4688696
#2	10.48864	23.52934	.1357206	-.004079	1.495588	.0604967	.4678100
#3	10.57364	23.62309	.1349082	-.004387	2.561422	.0622954	.4643115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.93167	5.244926	.0746354	.0120464	1.114688	8.823813	.0220137
Stddev	.04343	.008531	.0026845	.0007362	.008827	.042669	.0028312
%RSD	1.481535	.1626620	3.596811	6.111176	.7918487	.4835694	12.86117
#1	-2.97953	5.235559	.0774195	.0120746	1.104567	8.780087	.0249972
#2	-2.89475	5.252251	.0720630	.0127681	1.118715	8.865341	.0193644
#3	-2.92075	5.246968	.0744236	.0112966	1.120783	8.826011	.0216796

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-07 Acquired: 01/10/2025 14:53:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5869483	.5945237	.0510125
Stddev	.0025122	.0012914	.0017637
%RSD	.4280113	.2172099	3.457291
#1	.5848745	.5934538	.0507763
#2	.5897419	.5941590	.0493788
#3	.5862286	.5959581	.0528823

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3527.523	32384.91	1463.132	2023.753	3033.266
Stddev	12.099	117.84	11.416	2.442	9.564
%RSD	.3429769	.3638744	.7802294	.1206483	.3153201
#1	3519.272	32506.05	1476.304	2025.594	3024.712
#2	3541.411	32270.68	1456.973	2024.681	3043.593
#3	3521.884	32377.98	1456.118	2020.983	3031.494

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-08 Acquired: 01/10/2025 14:56:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1261205	-.018747	1.708100	.0814565	.0244758	61.96054
Stddev	.0019085	.002496	.003036	.0044396	.0039946	.78680
%RSD	1.513229	13.31293	.1777668	5.450335	16.32086	1.269841
#1	.1259830	-.019732	1.709174	.0830992	.0290859	62.60442
#2	.1242845	-.015909	1.704672	.0764295	.0223013	61.08351
#3	.1280941	-.020600	1.710453	.0848406	.0220400	62.19369

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.582842	.0078052	.0156967	171.7888	.3284344	.0441057
Stddev	.012760	.0002591	.0001440	1.2236	.0013022	.0018264
%RSD	.8061542	3.319815	.9171118	.7122664	.3964951	4.140893
#1	1.595537	.0081009	.0155307	173.0949	.3295302	.0420039
#2	1.570017	.0076178	.0157727	170.6691	.3269948	.0450069
#3	1.582973	.0076969	.0157868	171.6024	.3287782	.0453063

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3071746	165.9618	7.496780	40.86477	.2045532	-.005986
Stddev	.0053272	1.3625	.048816	.50118	.0013550	.001430
%RSD	1.734262	.8209434	.6511647	1.226433	.6624192	23.88573
#1	.3103479	167.4781	7.533711	41.44278	.2058669	-.004707
#2	.3010243	164.8405	7.441435	40.55114	.2046324	-.005722
#3	.3101515	165.5667	7.515194	40.60038	.2031604	-.007530

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.285918	.1506286	1.237211	3.099434	F 14.24835	.1333431
Stddev	.499739	.0015284	.003212	.293087	.00542	.0037045
%RSD	38.86242	1.014676	.2596182	9.456140	.0380354	2.778149
#1	1.525102	.1515991	1.233739	3.293202	14.24257	.1328522
#2	.711538	.1488668	1.240076	2.762257	14.25332	.1299086
#3	1.621113	.1514198	1.237817	3.242841	14.24916	.1372686

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-08 Acquired: 01/10/2025 14:56:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN61 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117755	4.959177	13.04887	.0828221	.6382708	.1309404
Stddev	.0013561	.003830	.17300	.0006367	.0031238	.0016646
%RSD	11.51661	.0772380	1.325794	.7687267	.4894196	1.271253
#1	.0109315	4.957150	13.11869	.0822231	.6347676	.1325658
#2	.0110553	4.963595	12.85187	.0834908	.6407667	.1292392
#3	.0133398	4.956786	13.17606	.0827525	.6392781	.1310160

Elem	Li6707
Units	ppm
Avg	.0712658
Stddev	.0049474
%RSD	6.942216
#1	.0723982
#2	.0658503
#3	.0755488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.970	33104.10	1491.560	2106.163	3320.105
Stddev	8.197	131.86	22.040	5.362	6.183
%RSD	.2243251	.3983098	1.477674	.2545770	.1862381
#1	3658.492	32954.15	1478.334	2100.309	3321.319
#2	3658.909	33201.93	1517.004	2107.343	3325.591
#3	3644.508	33156.21	1479.343	2110.836	3313.404

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-09 Acquired: 01/10/2025 15:00:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1380640	-.009734	2.256509	.0642464	.0196489	55.61543
Stddev	.0034724	.001414	.004461	.0020291	.0026623	.25911
%RSD	2.515034	14.52839	.1976808	3.158327	13.54921	.4658943
#1	.1420393	-.009097	2.252858	.0650918	.0177805	55.38306
#2	.1365295	-.011354	2.255189	.0619312	.0226972	55.56839
#3	.1356233	-.008750	2.261481	.0657160	.0184690	55.89484

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.500710	.0066320	.0089308	227.4685	.2652261	.0568082
Stddev	.005853	.0002122	.0000884	.5762	.0015394	.0005978
%RSD	.3900149	3.198843	.9896194	.2532929	.5804282	1.052315
#1	1.494155	.0067947	.0088291	226.8817	.2667188	.0562353
#2	1.505413	.0063920	.0089744	228.0335	.2636438	.0567612
#3	1.502563	.0067092	.0089889	227.4904	.2653159	.0574281

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3034919	139.8713	8.931197	37.89677	.2180865	-.004673
Stddev	.0009419	.3112	.046986	.23233	.0004466	.001717
%RSD	.3103510	.2224600	.5260853	.6130644	.2047914	36.74294
#1	.3024939	139.8483	8.878247	37.91999	.2177150	-.006064
#2	.3043652	139.5723	8.947434	38.11661	.2185820	-.005202
#3	.3036165	140.1934	8.967911	37.65369	.2179624	-.002754

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.115488	.1412739	1.700999	3.841256	F 20.20234	.1356614
Stddev	.731578	.0021384	.002883	.221595	.03668	.0008220
%RSD	65.58365	1.513680	.1694684	5.768827	.1815777	.6059571
#1	.487379	.1388675	1.700740	4.028651	20.16009	.1360897
#2	1.918741	.1419977	1.704003	3.898445	20.22076	.1361809
#3	.940344	.1429565	1.698255	3.596671	20.22615	.1347136

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-09 Acquired: 01/10/2025 15:00:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN62 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0116337	5.271732	11.35279	.1101911	.6889924	.2585184
Stddev	.0011500	.015795	.08170	.0006293	.0058429	.0008166
%RSD	9.885261	.2996171	.7196105	.5710997	.8480336	.3158612
#1	.0114668	5.253700	11.25944	.1095489	.6912021	.2576298
#2	.0128580	5.283119	11.41124	.1108066	.6823669	.2592357
#3	.0105762	5.278377	11.38770	.1102179	.6934081	.2586898

Elem	Li6707
Units	ppm
Avg	.0673152
Stddev	.0056213
%RSD	8.350694
#1	.0633126
#2	.0737418
#3	.0648913

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3708.783	33455.36	1519.713	2133.809	3311.643
Stddev	30.767	122.43	6.471	11.460	29.411
%RSD	.8295797	.3659518	.4257792	.5370524	.8880954
#1	3722.596	33318.59	1525.928	2121.652	3320.784
#2	3730.224	33492.78	1513.014	2135.363	3335.397
#3	3673.530	33554.72	1520.198	2144.413	3278.747

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-10 Acquired: 01/10/2025 15:04:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1529514	-.009607	2.112443	.0636758	.0214212	56.75629
Stddev	.0036618	.000750	.012152	.0036745	.0022967	.18148
%RSD	2.394065	7.805836	.5752642	5.770596	10.72162	.3197474
#1	.1552380	-.008861	2.111741	.0674085	.0238958	56.57320
#2	.1487280	-.009598	2.100658	.0600625	.0210098	56.93611
#3	.1548883	-.010361	2.124931	.0635564	.0193580	56.75955

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284994	.0067590	.0067536	240.3789	.3153668	.0481174
Stddev	.003064	.0002669	.0000759	.1742	.0028372	.0005634
%RSD	.2384399	3.948921	1.124501	.0724718	.8996568	1.170858
#1	1.281905	.0069235	.0067094	240.5246	.3185725	.0487062
#2	1.285043	.0064510	.0067102	240.4262	.3143492	.0475835
#3	1.288033	.0069025	.0068413	240.1859	.3131787	.0480623

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2681964	135.5539	7.258034	41.54128	.1786957	-.004291
Stddev	.0012220	.2039	.014578	.08149	.0010415	.001502
%RSD	.4556535	.1503930	.2008467	.1961551	.5828408	34.99269
#1	.2696072	135.4238	7.241362	41.46933	.1798410	-.004378
#2	.2675166	135.7888	7.264357	41.62976	.1784408	-.002748
#3	.2674653	135.4490	7.268382	41.52475	.1778053	-.005747

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.007051	.1429503	1.457536	3.475563	F 24.25908	.1318217
Stddev	.351969	.0014343	.013940	.174408	.15233	.0008285
%RSD	34.95046	1.003340	.9564282	5.018109	.6279144	.6284652
#1	1.092513	.1438242	1.472710	3.298145	24.31551	.1314638
#2	.620221	.1437317	1.454603	3.481748	24.08659	.1327689
#3	1.308419	.1412950	1.445296	3.646796	24.37514	.1312323

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-10 Acquired: 01/10/2025 15:04:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN63 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098718	4.964952	10.74071	.1422376	.5920724	.2658072
Stddev	.0010986	.032261	.04935	.0022357	.0073671	.0010334
%RSD	11.12828	.6497844	.4594883	1.571769	1.244293	.3887681
#1	.0111374	4.975873	10.79701	.1432329	.5856616	.2650541
#2	.0093138	4.928648	10.72020	.1396772	.5904351	.2653823
#3	.0091642	4.990336	10.70491	.1438028	.6001204	.2669853

Elem	Li6707
Units	ppm
Avg	.0435920
Stddev	.0010141
%RSD	2.326428
#1	.0426240
#2	.0435051
#3	.0446467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3980.663	35583.23	1596.051	2249.749	3546.183
Stddev	9.943	379.99	11.595	29.607	8.385
%RSD	.2497892	1.067878	.7264797	1.316016	.2364613
#1	3986.153	35264.42	1585.952	2227.264	3547.537
#2	3986.650	35481.55	1593.488	2238.689	3553.809
#3	3969.185	36003.71	1608.714	2283.293	3537.204

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-11 Acquired: 01/10/2025 15:22:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810679	-.041187	.4447787	.1038734	.0288700	55.06521
Stddev	.0007202	.003907	.0030436	.0053802	.0014265	1.89047
%RSD	.8884062	9.485330	.6843005	5.179532	4.941228	3.433145
#1	.0812567	-.043896	.4439564	.1100163	.0276844	57.07077
#2	.0816749	-.042956	.4422307	.1016047	.0304531	54.80888
#3	.0802721	-.036708	.4481490	.0999992	.0284726	53.31599

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5907733	.0079850	.0011451	33.25714	.0778362	.0139185
Stddev	.0210400	.0005335	.0001620	1.22420	.0030921	.0036119
%RSD	3.561429	6.681510	14.15080	3.681025	3.972616	25.95005
#1	.6115624	.0082938	.0009646	34.49899	.0805859	.0104006
#2	.5912662	.0082923	.0011927	33.22107	.0744889	.0137374
#3	.5694911	.0073690	.0012780	32.05138	.0784337	.0176175

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1563788	180.3467	3.257051	21.40369	.1292098	-.006223
Stddev	.0091502	7.0573	.118532	.64924	.0008223	.001711
%RSD	5.851306	3.913162	3.639255	3.033293	.6363731	27.49216
#1	.1656248	187.9624	3.384795	22.08267	.1290678	-.006137
#2	.1561841	179.0498	3.235735	21.33942	.1284679	-.004557
#3	.1473275	174.0278	3.150623	20.78897	.1300939	-.007975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.348699	.1841522	.3597143	F -4.73814	6.334584	.0641627
Stddev	1.273217	.0082845	.0155145	.26071	.032385	.0007105
%RSD	54.20945	4.498748	4.312993	5.502370	.5112402	1.107327
#1	3.808558	.1934217	.3755294	-4.60943	6.317658	.0643687
#2	1.468145	.1815644	.3445191	-4.56682	6.314169	.0647473
#3	1.769393	.1774704	.3590945	-5.03818	6.371924	.0633719

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-11 Acquired: 01/10/2025 15:22:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN95 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065366	.5093071	11.10114	.0194635	.6648437	-.077446
Stddev	.0005179	.0023460	.55007	.0002154	.0233113	.003739
%RSD	7.923737	.4606274	4.955039	1.106758	3.506278	4.828405
#1	.0065257	.5119144	11.68854	.0194931	.6915503	-.081567
#2	.0070599	.5073668	11.01671	.0192348	.6544031	-.076501
#3	.0060242	.5086400	10.59817	.0196626	.6485777	-.074270

Elem	Li6707
Units	ppm
Avg	.0656729
Stddev	.0109514
%RSD	16.67559
#1	.0765209
#2	.0658767
#3	.0546211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3837.108	35485.29	1276.509	2234.459	3646.129
Stddev	12.786	723.95	57.612	61.170	15.078
%RSD	.3332267	2.040135	4.513260	2.737586	.4135469
#1	3847.841	34713.70	1219.905	2173.916	3652.928
#2	3840.520	36149.63	1274.543	2296.238	3656.610
#3	3822.961	35592.54	1335.079	2233.222	3628.848

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-12 Acquired: 01/10/2025 15:26:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1275174	-.024032	8.435914	.0888413	.0284077	58.82285
Stddev	.0025382	.003207	.144110	.0013838	.0020917	.57970
%RSD	1.990497	13.34621	1.708291	1.557554	7.363096	.9854998
#1	.1253872	-.024303	8.531908	.0876657	.0284922	58.42965
#2	.1303259	-.020698	8.505632	.0884919	.0304558	58.55031
#3	.1268391	-.027095	8.270203	.0903663	.0262750	59.48860

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.191204	.0087782	.0072470	168.7082	.1521224	.0414223
Stddev	.007036	.0001158	.0001646	.5903	.0005260	.0019614
%RSD	.3211199	1.319034	2.270732	.3498708	.3457595	4.735061
#1	2.188940	.0088925	.0074051	168.4744	.1525639	.0428273
#2	2.185579	.0086610	.0072593	168.2707	.1515405	.0422582
#3	2.199094	.0087812	.0070767	169.3796	.1522630	.0391815

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8035216	172.7145	7.309425	44.36484	.2152068	-.007177
Stddev	.0087451	.6878	.041324	.32934	.0039589	.001251
%RSD	1.088346	.3982262	.5653566	.7423448	1.839592	17.42539
#1	.8008040	172.1791	7.302832	44.19365	.2177526	-.005746
#2	.7964581	172.4740	7.271794	44.15636	.2172222	-.008063
#3	.8133029	173.4902	7.353650	44.74452	.2106457	-.007721

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713540	.1923162	3.289686	-.810442	F 12.04356	.1114181
Stddev	1.366041	.0008571	.015734	.043200	.19762	.0027441
%RSD	79.72041	.4456745	.4782958	5.330439	1.640849	2.462884
#1	1.372255	.1915431	3.298159	-.854119	12.17786	.1089244
#2	3.217866	.1921675	3.271530	-.767735	12.13617	.1109721
#3	.550499	.1932379	3.299368	-.809474	11.81664	.1143579

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-12 Acquired: 01/10/2025 15:26:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193764	5.607260	12.63570	.2601347	.8194591	.2238683
Stddev	.0006555	.090934	.12071	.0042926	.0111151	.0015841
%RSD	3.383014	1.621712	.9552898	1.650142	1.356394	.7075972
#1	.0200037	5.671554	12.58072	.2631278	.8110607	.2239453
#2	.0194294	5.647006	12.55227	.2620598	.8152533	.2222472
#3	.0186959	5.503220	12.77411	.2552165	.8320634	.2254126

Elem	Li6707
Units	ppm
Avg	.0555742
Stddev	.0057360
%RSD	10.32131
#1	.0582082
#2	.0489943
#3	.0595201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3758.477	34053.94	1511.340	2147.728	3435.440
Stddev	57.230	121.68	5.196	11.657	55.115
%RSD	1.522690	.3573191	.3437847	.5427535	1.604319
#1	3718.309	33914.21	1513.225	2135.492	3397.279
#2	3733.117	34111.08	1515.330	2148.989	3410.414
#3	3824.005	34136.54	1505.465	2158.703	3498.629

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-14 Acquired: 01/10/2025 15:34:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1685408	-.023473	6.597848	.0756633	.0257890	65.08230	1.909607
Stddev	.0045536	.002496	.007019	.0033412	.0023423	.28757	.004687
%RSD	2.701802	10.63286	.1063904	4.415927	9.082620	.4418523	.2454562
#1	.1665898	-.022705	6.597942	.0718758	.0231139	64.79923	1.904939
#2	.1652878	-.026262	6.604820	.0781933	.0274720	65.37416	1.909568
#3	.1737449	-.021451	6.590782	.0769208	.0267810	65.07349	1.914313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0099125	.0075820	243.8743	.1194067	.0605058	.8112200	170.8616
Stddev	.0003402	.0000598	.5667	.0007984	.0001442	.0058577	.6343
%RSD	3.432094	.7881313	.2323688	.6686602	.2382613	.7220819	.3712093
#1	.0097153	.0075781	243.2412	.1196223	.0606717	.8120307	170.1293
#2	.0097169	.0076437	244.3341	.1185226	.0604107	.8049991	171.2356
#3	.0103054	.0075244	244.0476	.1200751	.0604350	.8166300	171.2199

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.359303	44.03877	.2094900	-.007965	1.849523	.2489599	2.439552
Stddev	.037870	.32925	.0004843	.000350	.778867	.0023254	.021309
%RSD	.7066173	.7476363	.2312061	4.395721	42.11179	.9340634	.8734884
#1	5.320322	43.94958	.2100458	-.008122	1.497069	.2511838	2.463635
#2	5.395955	44.40343	.2091577	-.008210	2.742316	.2465447	2.431881
#3	5.361632	43.76330	.2092666	-.007564	1.309184	.2491513	2.423140

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.681029	7.895949	.1149780	.0155757	4.108864	12.82732	.3511761
Stddev	.201376	.014979	.0017016	.0002827	.009555	.11278	.0016255
%RSD	29.56939	.1897042	1.479958	1.815196	.2325447	.8792365	.4628785
#1	-.832979	7.903393	.1167306	.0152532	4.119864	12.84155	.3495213
#2	-.757486	7.878706	.1148710	.0156930	4.102626	12.70809	.3512364
#3	-.452621	7.905747	.1133324	.0157810	4.104102	12.93230	.3527706

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-14 Acquired: 01/10/2025 15:34:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7386292	.3817763	.0827313
Stddev	.0026909	.0013597	.0019731
%RSD	.3643082	.3561569	2.384900
#1	.7358985	.3809112	.0813494
#2	.7412785	.3833435	.0818537
#3	.7387106	.3810741	.0849910

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3701.904	34058.03	1526.949	2128.388	3372.277
Stddev	3.762	94.28	7.404	18.428	7.256
%RSD	.1016144	.2768126	.4849149	.8658153	.2151773
#1	3699.292	33972.46	1527.165	2112.754	3364.270
#2	3706.215	34042.53	1534.243	2123.704	3378.418
#3	3700.204	34159.09	1519.439	2148.706	3374.144

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-15 Acquired: 01/10/2025 15:37:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1726676	-.008124	10.06032	.0564611	.0239092	66.49724
Stddev	.0029737	.004812	.01084	.0054197	.0032624	.47745
%RSD	1.722212	59.23016	.1077518	9.598932	13.64490	.7179951
#1	.1692340	-.004524	10.05449	.0623816	.0234540	67.00095
#2	.1743620	-.006258	10.05365	.0517449	.0273752	66.05132
#3	.1744069	-.013589	10.07283	.0552568	.0208983	66.43944

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.198606	.0096614	.0067059	772.0880	.1607939	.0757485
Stddev	.027888	.0003039	.0000975	6.9205	.0006462	.0016471
%RSD	.8718708	3.145376	1.454427	.8963345	.4019047	2.174434
#1	3.229692	.0099886	.0066107	779.5808	.1604031	.0749801
#2	3.175785	.0096077	.0067014	765.9360	.1615399	.0746260
#3	3.190340	.0093880	.0068056	770.7472	.1604388	.0776394

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6166188	151.7900	5.869490	51.49908	.1659481	-.009323
Stddev	.0068207	1.4404	.043283	.54660	.0004571	.001319
%RSD	1.106138	.9489702	.7374231	1.061371	.2754706	14.14924
#1	.6237836	153.4286	5.916089	52.03429	.1657899	-.009102
#2	.6102044	151.2181	5.830544	50.94177	.1655910	-.008128
#3	.6158683	150.7233	5.861838	51.52117	.1664633	-.010739

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.655320	.2321950	3.462174	-1.56330	F 12.07833	.1516924
Stddev	.263076	.0020721	.001864	.08752	.03956	.0019378
%RSD	9.907521	.8924146	.0538423	5.598477	.3275245	1.277460
#1	2.955573	.2345867	3.461387	-1.47880	12.03479	.1535064
#2	2.545140	.2310601	3.464302	-1.55755	12.08810	.1496509
#3	2.465249	.2309382	3.460832	-1.65355	12.11208	.1519200

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-15 Acquired: 01/10/2025 15:37:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101767	4.438767	11.17035	.2270834	.7128095	1.303447
Stddev	.0003437	.005817	.09442	.0020933	.0028987	.009678
%RSD	3.377202	.1310521	.8452305	.9218306	.4066544	.7425047
#1	.0103820	4.432350	11.27284	.2294266	.7104303	1.313644
#2	.0097799	4.440255	11.08691	.2253980	.7119603	1.294388
#3	.0103682	4.443695	11.15131	.2264257	.7160379	1.302310

Elem	Li6707
Units	ppm
Avg	.0921527
Stddev	.0021180
%RSD	2.298416
#1	.0939433
#2	.0927000
#3	.0898147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3543.866	32062.95	1499.028	2052.006	3053.432
Stddev	.785	17.17	11.181	6.454	.516
%RSD	.0221609	.0535445	.7458759	.3145093	.0169084
#1	3543.552	32046.49	1487.323	2059.385	3052.869
#2	3543.285	32080.75	1509.599	2049.217	3053.883
#3	3544.759	32061.63	1500.163	2047.415	3053.544

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-16 Acquired: 01/10/2025 15:41:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078441	-.019258	1.445551	.1191868	.0306760	71.90614
Stddev	.0014638	.001816	.003762	.0048262	.0025704	.21286
%RSD	1.357316	9.430421	.2602424	4.049268	8.379199	.2960272
#1	.1087432	-.018753	1.443271	.1199107	.0288302	72.11174
#2	.1061551	-.017749	1.443489	.1236102	.0336118	71.68669
#3	.1086341	-.021274	1.449893	.1140396	.0295861	71.92000

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.021481	.0090221	.0065528	164.5653	.1242383	.0589164
Stddev	.010215	.0000797	.0000484	.3276	.0009199	.0007027
%RSD	.3380883	.8830648	.7379232	.1990473	.7403890	1.192694
#1	3.033080	.0090444	.0065439	164.9199	.1246891	.0590395
#2	3.013824	.0089336	.0065094	164.2739	.1231801	.0595494
#3	3.017538	.0090883	.0066049	164.5022	.1248459	.0581603

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3013583	222.9739	18.90537	47.89135	.2117717	-.011471
Stddev	.0035167	1.2496	.06939	.20111	.0012890	.000684
%RSD	1.166956	.5604159	.3670156	.4199281	.6086863	5.962728
#1	.3054086	224.4166	18.97181	48.03021	.2103177	-.011469
#2	.2990808	222.2313	18.83337	47.66073	.2122228	-.012156
#3	.2995856	222.2738	18.91091	47.98312	.2127745	-.010788

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.275690	.0790983	.6384905	-2.76144	F 15.35713	.1168364
Stddev	.471491	.0011853	.0016557	.15164	.02955	.0026282
%RSD	36.95968	1.498519	.2593162	5.491357	.1924181	2.249455
#1	1.819672	.0777298	.6371816	-2.93464	15.33313	.1174703
#2	1.022861	.0798021	.6379383	-2.69710	15.34811	.1190897
#3	.984538	.0797630	.6403518	-2.65257	15.39013	.1139493

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-16 Acquired: 01/10/2025 15:41:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114416	3.004717	11.38997	.0656716	.6431406	.1233967
Stddev	.0006748	.001774	.12601	.0002395	.0089103	.0006741
%RSD	5.897952	.0590420	1.106325	.3647278	1.385432	.5462506
#1	.0110486	3.002704	11.53083	.0657444	.6510120	.1227973
#2	.0122209	3.006053	11.28796	.0654041	.6334669	.1241264
#3	.0110555	3.005393	11.35113	.0658663	.6449428	.1232665

Elem	Li6707
Units	ppm
Avg	.0547921
Stddev	.0037665
%RSD	6.874189
#1	.0566457
#2	.0504580
#3	.0572727

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4388.005	39590.36	1801.979	2520.390	3355.129
Stddev	12.886	139.93	5.629	16.723	6.175
%RSD	.2936545	.3534424	.3123744	.6635225	.1840322
#1	4379.527	39731.88	1795.571	2537.870	3348.774
#2	4381.656	39452.08	1806.123	2504.543	3355.506
#3	4402.833	39587.12	1804.244	2518.758	3361.106

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-17 Acquired: 01/10/2025 15:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988742	-.016155	.5773641	.1018155	.0249202	65.43200
Stddev	.0035672	.004385	.0030500	.0021755	.0024375	.41738
%RSD	3.607842	27.13940	.5282649	2.136683	9.781245	.6378846
#1	.1026421	-.011099	.5792654	.1015855	.0257966	65.90843
#2	.0955489	-.018466	.5738461	.0997641	.0221656	65.13077
#3	.0984317	-.018901	.5789809	.1040968	.0267983	65.25680

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.728066	.0078806	.0056823	322.7219	.1022935	.0625577
Stddev	.000703	.0002503	.0000859	.8193	.0010457	.0007141
%RSD	.0406966	3.176616	1.511116	.2538643	1.022216	1.141476
#1	1.728086	.0080552	.0057380	323.6270	.1034925	.0618485
#2	1.727353	.0079926	.0055834	322.0310	.1015709	.0625480
#3	1.728759	.0075938	.0057255	322.5076	.1018172	.0632766

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2166486	199.0095	17.15665	50.83269	.1952111	-.008170
Stddev	.0026224	.6395	.06975	.41857	.0001136	.001121
%RSD	1.210431	.3213661	.4065681	.8234256	.0581952	13.71668
#1	.2196434	199.6447	17.22313	51.30563	.1952893	-.008351
#2	.2147636	198.3657	17.08403	50.50993	.1952633	-.006970
#3	.2155387	199.0182	17.16281	50.68251	.1950808	-.009190

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7218719	.0921554	.3987496	-3.55675	F 14.21439	.0997454
Stddev	.3115683	.0009593	.0027395	.12026	.02755	.0013928
%RSD	43.16116	1.040915	.6870318	3.381168	.1938338	1.396303
#1	.3654630	.0912865	.3960290	-3.48670	14.21939	.0993290
#2	.8575998	.0931848	.3987120	-3.69561	14.18468	.0986084
#3	.9425530	.0919949	.4015077	-3.48794	14.23909	.1012989

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-17 Acquired: 01/10/2025 15:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNC0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070051	2.305023	8.818018	.0671675	.6649537	.2775186
Stddev	.0004823	.005656	.098861	.0009252	.0058540	.0007938
%RSD	6.884330	.2453975	1.121126	1.377418	.8803665	.2860452
#1	.0064502	2.310913	8.931130	.0670248	.6716878	.2784156
#2	.0072431	2.299633	8.774798	.0663220	.6610778	.2769064
#3	.0073222	2.304525	8.748127	.0681557	.6620955	.2772339

Elem	Li6707
Units	ppm
Avg	.0400982
Stddev	.0043313
%RSD	10.80184
#1	.0351284
#2	.0430691
#3	.0420970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4160.611	37815.67	1729.436	2375.659	3237.432
Stddev	16.947	234.26	23.272	16.823	9.266
%RSD	.4073129	.6194783	1.345667	.7081563	.2862021
#1	4180.145	37651.75	1703.041	2369.881	3247.237
#2	4151.836	38083.98	1747.000	2394.609	3236.239
#3	4149.851	37711.29	1738.269	2362.485	3228.821

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-21 Acquired: 01/10/2025 15:49:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHND0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1258402	-.043772	3.418668	.1330881	.0394231	64.25854
Stddev	.0014743	.001678	.004294	.0034383	.0014942	.06328
%RSD	1.171592	3.832401	.1255983	2.583496	3.790027	.0984793
#1	.1252228	-.042389	3.413721	.1303218	.0396961	64.18732
#2	.1247749	-.043287	3.420851	.1369376	.0378113	64.30831
#3	.1275228	-.045638	3.421431	.1320048	.0407619	64.27999

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.729498	.0116828	.0142699	197.5779	.1823917	.0243038
Stddev	.000807	.0001258	.0001048	.7373	.0016379	.0004845
%RSD	.0466893	1.076488	.7340902	.3731780	.8980353	1.993454
#1	1.728568	.0117813	.0143255	198.0469	.1808061	.0237852
#2	1.729897	.0117260	.0141490	197.9589	.1822916	.0247449
#3	1.730028	.0115411	.0143351	196.7281	.1840774	.0243813

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4877073	246.8625	8.526235	56.81649	.3350044	-.009810
Stddev	.0065137	.3161	.016706	.15550	.0009760	.001515
%RSD	1.335579	.1280385	.1959400	.2736813	.2913400	15.44028
#1	.4883157	246.5559	8.512606	56.65152	.3355567	-.008742
#2	.4938955	247.1873	8.544873	56.96035	.3355789	-.011544
#3	.4809107	246.8442	8.521226	56.83761	.3338775	-.009145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9186645	.2011300	1.960325	-.611173	F 15.21614	.1393673
Stddev	.6046418	.0016551	.003743	.188104	.01317	.0028021
%RSD	65.81748	.8228908	.1909481	30.77760	.0865841	2.010588
#1	.2883192	.2019041	1.956174	-.394901	15.20121	.1388064
#2	1.493819	.2022562	1.963445	-.736723	15.22613	.1368881
#3	.973856	.1992297	1.961356	-.701893	15.22109	.1424075

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-21 Acquired: 01/10/2025 15:49:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHND0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203372	7.859792	11.23684	.2021400	1.069612	.2130959
Stddev	.0018391	.009491	.14209	.0006572	.005790	.0007807
%RSD	9.042811	.1207501	1.264537	.3251403	.5413308	.3663725
#1	.0183914	7.860551	11.25236	.2013833	1.074505	.2135064
#2	.0205736	7.868880	11.37054	.2024675	1.063220	.2121955
#3	.0220466	7.849944	11.08762	.2025691	1.071113	.2135857

Elem	Li6707
Units	ppm
Avg	.0334256
Stddev	.0027338
%RSD	8.178845
#1	.0365074
#2	.0312926
#3	.0324768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3743.661	34127.14	1512.746	2121.909	3394.225
Stddev	11.044	159.27	14.004	11.026	8.327
%RSD	.2950155	.4666972	.9257538	.5196196	.2453340
#1	3743.830	34213.18	1509.950	2126.047	3398.474
#2	3754.620	34224.89	1500.351	2130.267	3399.571
#3	3732.533	33943.36	1527.938	2109.412	3384.630

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-10DLX2 Acquired: 01/10/2025 15:52:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0428453	.0070610	1.658377	.0056631	.0131861	23.13625	.9903901
Stddev	.0033768	.0013092	.004253	.0014423	.0033344	.02604	.0066359
%RSD	7.881315	18.54066	.2564515	25.46835	25.28767	.1125640	.6700246
#1	.0389646	.0059150	1.657337	.0040043	.0094105	23.12287	.9974727
#2	.0451138	.0067801	1.654740	.0063637	.0157277	23.11961	.9843166
#3	.0444575	.0084877	1.663053	.0066211	.0144199	23.16626	.9893809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034521	.0072372	552.3291	.0896857	.0465834	.2258742	75.87912
Stddev	.0002262	.0001232	3.3437	.0004023	.0003240	.0041016	.27449
%RSD	6.551365	1.702401	.6053825	.4486214	.6954758	1.815867	.3617423
#1	.0034714	.0072130	555.8945	.0901315	.0463194	.2304183	76.14590
#2	.0032169	.0071278	549.2634	.0893496	.0469450	.2224463	75.59753
#3	.0036680	.0073707	551.8295	.0895761	.0464859	.2247579	75.89393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.103462	76.77482	.1036500	-.002055	.3401814	.0515371	1.538392
Stddev	.016980	.55762	.0010943	.000831	.5203957	.0011205	.006524
%RSD	.3327206	.7263076	1.055742	40.46062	152.9760	2.174103	.4240775
#1	5.122565	77.40042	.1040659	-.002448	.9099487	.0507579	1.532233
#2	5.097736	76.59399	.1044753	-.002617	.2206327	.0510322	1.537714
#3	5.090084	76.33006	.1024087	-.001100	-.110037	.0528211	1.545228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.03068	4.383201	.0591537	.0084514	3.708737	4.598865	.0797933
Stddev	.05370	.006129	.0009484	.0012184	.009326	.044165	.0024842
%RSD	2.644624	.1398216	1.603302	14.41667	.2514617	.9603486	3.113277
#1	-2.04076	4.382510	.0581179	.0095554	3.718333	4.649661	.0806823
#2	-1.97265	4.377447	.0593636	.0071441	3.708173	4.569545	.0817107
#3	-2.07863	4.389645	.0599795	.0086546	3.699706	4.577389	.0769869

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-10DLX2 Acquired: 01/10/2025 15:52:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3030009	.5078847	.0060441
Stddev	.0016598	.0013832	.0024665
%RSD	.5477976	.2723456	40.80840
#1	.3047750	.5094634	.0075578
#2	.3027417	.5073054	.0073765
#3	.3014858	.5068854	.0031980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3346.954	30686.04	1386.068	1917.738	3119.346
Stddev	5.788	140.26	14.852	10.547	1.350
%RSD	.1729365	.4570686	1.071540	.5499940	.0432773
#1	3340.912	30622.62	1371.466	1920.950	3119.002
#2	3347.498	30846.81	1401.158	1926.305	3118.202
#3	3352.450	30588.69	1385.579	1905.957	3120.835

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-11DLX2 Acquired: 01/10/2025 15:56:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0386345	.0062577	1.629393	.0073098	.0081326	22.54840	.9823166
Stddev	.0024695	.0009812	.002281	.0047968	.0061606	.24113	.0088202
%RSD	6.391978	15.67955	.1400075	65.62086	75.75173	1.069398	.8978938
#1	.0398449	.0051724	1.631908	.0049344	.0131154	22.63944	.9871706
#2	.0357933	.0065187	1.627458	.0041643	.0012445	22.73077	.9876436
#3	.0402652	.0070820	1.628812	.0128308	.0100379	22.27501	.9721356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032102	.0071021	543.2718	.0897919	.0476181	.2182426	73.30857
Stddev	.0001514	.0001141	4.0610	.0010743	.0013722	.0027792	.72607
%RSD	4.717295	1.606468	.7475088	1.196479	2.881681	1.273453	.9904305
#1	.0030440	.0072076	544.7924	.0904191	.0461963	.2195594	73.47726
#2	.0033404	.0071176	546.3530	.0885514	.0477236	.2201187	73.93544
#3	.0032463	.0069810	538.6699	.0904052	.0489346	.2150497	72.51300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.966120	75.13849	.1021083	-.001994	1.672837	.0494147	1.501966
Stddev	.052773	.86489	.0004492	.000547	.394556	.0003640	.004428
%RSD	1.062662	1.151067	.4399330	27.42435	23.58601	.7365944	.2948184
#1	5.001377	75.20743	.1016075	-.002622	2.124286	.0497458	1.497620
#2	4.991533	75.96685	.1024757	-.001740	1.500215	.0490249	1.501806
#3	4.905448	74.24119	.1022417	-.001621	1.394012	.0494733	1.506472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.72508	4.293703	.0563503	.0081545	3.631104	4.484360	.0774075
Stddev	.15607	.009010	.0043999	.0005789	.008065	.070471	.0018995
%RSD	9.047082	.2098522	7.808088	7.099265	.2221037	1.571494	2.453949
#1	-1.88900	4.291027	.0519128	.0087342	3.625671	4.527456	.0763864
#2	-1.70799	4.286334	.0607116	.0075764	3.627271	4.522589	.0795992
#3	-1.57826	4.303748	.0564266	.0081528	3.640371	4.403035	.0762369

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-11DLX2 Acquired: 01/10/2025 15:56:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2971798	.4938457	.0228835
Stddev	.0044947	.0035393	.0025576
%RSD	1.512436	.7166745	11.17657
#1	.2934881	.4951427	.0201424
#2	.3021848	.4965535	.0233022
#3	.2958664	.4898409	.0252060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.518	30380.59	1400.725	1909.232	3119.598
Stddev	5.143	137.92	13.571	11.054	9.109
%RSD	.1536381	.4539812	.9688694	.5789870	.2919941
#1	3348.595	30417.95	1390.899	1914.629	3128.588
#2	3352.037	30495.98	1395.066	1916.550	3119.832
#3	3341.921	30227.83	1416.210	1896.516	3110.375

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-10LDLX10 Acquired: 01/10/2025 16:00:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000715	.0098947	.3271730	-.018438	.0010065	4.788261	.2030561
Stddev	.003328	.0014478	.0016738	.007765	.0032657	.035685	.0028295
%RSD	465.7253	14.63186	.5115918	42.11240	324.4384	.7452525	1.393460
#1	.000504	.0098473	.3276522	-.026829	.0014057	4.766420	.2039941
#2	-.004480	.0084712	.3253118	-.016979	.0040543	4.768922	.2052976
#3	.001832	.0113656	.3285549	-.011506	-.002440	4.829441	.1998767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006446	.0013977	116.4879	.0204437	.0310931	.0483892	15.69276
Stddev	.0002691	.0000691	.2353	.0006699	.0007611	.0002700	.06187
%RSD	41.74047	4.943858	.2020277	3.276758	2.447676	.5580664	.3942732
#1	.0004864	.0013179	116.2372	.0209557	.0316965	.0486876	15.71920
#2	.0004920	.0014389	116.5224	.0196856	.0313447	.0483186	15.62206
#3	.0009552	.0014361	116.7041	.0206898	.0302381	.0481615	15.73702

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.069141	16.57897	.0190753	-.000545	1.199921	.0123041	.3151768
Stddev	.009325	.12427	.0003158	.001302	.483764	.0008366	.0021475
%RSD	.8722133	.7495913	1.655500	238.7863	40.31636	6.798936	.6813787
#1	1.076631	16.43549	.0189401	.000357	.870238	.0130166	.3133016
#2	1.072095	16.65283	.0188497	.000045	.974237	.0125127	.3175196
#3	1.058697	16.64859	.0194362	-.002038	1.755288	.0113830	.3147091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.770097	.7932768	.0077018	.0048601	.6753372	.9597568	.0151089
Stddev	.037437	.0033357	.0015400	.0003785	.0088448	.0032489	.0015129
%RSD	4.861391	.4205002	19.99505	7.787105	1.309688	.3385099	10.01320
#1	-.798422	.7942391	.0065489	.0052923	.6837886	.9577398	.0163870
#2	-.727653	.7895657	.0094507	.0045878	.6661455	.9580260	.0134385
#3	-.784216	.7960257	.0071057	.0047002	.6760775	.9635046	.0155013

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-10LDLX10 Acquired: 01/10/2025 16:00:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0542513	.1035623	.0046099
Stddev	.0010873	.0001804	.0025423
%RSD	2.004206	.1742147	55.14811
#1	.0533867	.1035788	.0016751
#2	.0538953	.1033742	.0061359
#3	.0554720	.1037339	.0060187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3413.359	30794.93	1389.024	1937.780	3550.012
Stddev	5.991	118.33	6.453	4.325	6.763
%RSD	.1755220	.3842527	.4645353	.2232181	.1904996
#1	3410.175	30672.53	1389.692	1932.959	3544.031
#2	3409.633	30908.72	1395.116	1939.058	3548.656
#3	3420.270	30803.53	1382.263	1941.322	3557.351

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-12DLX2 Acquired: 01/10/2025 16:04:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805791	.0568642	1.670411	.0967653	.1019927	24.58069	2.987050
Stddev	.0039341	.0047851	.004385	.0092375	.0032308	.07836	.007418
%RSD	4.882265	8.415008	.2624931	9.546249	3.167693	.3188052	.2483353
#1	.0781893	.0620412	1.674048	.0962966	.1036852	24.54793	2.988200
#2	.0784283	.0526034	1.671643	.0877711	.0982672	24.52402	2.993825
#3	.0851197	.0559481	1.665542	.1062282	.1040256	24.67012	2.979124

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512715	.0576376	548.3103	.2995145	.5626628	.4635693	75.84602
Stddev	.0001651	.0001302	1.4900	.0013192	.0022298	.0019182	.28771
%RSD	.3219140	.2259422	.2717384	.4404501	.3962894	.4137858	.3793286
#1	.0514069	.0577734	548.3171	.3005370	.5645768	.4613841	75.54614
#2	.0510877	.0576255	549.7968	.2980254	.5631973	.4643489	76.11976
#3	.0513200	.0575138	546.8169	.2999811	.5602144	.4649749	75.87216

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.516517	75.77856	.6170772	.0341463	1.286446	.5702473	1.982080
Stddev	.016966	.28330	.0018928	.0016798	.543772	.0027660	.004907
%RSD	.3075564	.3738584	.3067415	4.919311	42.26936	.4850527	.2475646
#1	5.497015	75.62715	.6192316	.0333393	1.395299	.5676688	1.982293
#2	5.527885	76.10539	.6163192	.0360773	1.767558	.5731688	1.977070
#3	5.524652	75.60312	.6156808	.0330223	.696481	.5699044	1.986877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.28661	4.385562	.0550752	.0078022	3.713364	4.672994	.0789802
Stddev	.15889	.008209	.0005987	.0002711	.013939	.020762	.0023075
%RSD	12.34965	.1871903	1.087131	3.474924	.3753771	.4443016	2.921599
#1	-1.10919	4.394599	.0548619	.0081149	3.729277	4.650861	.0764022
#2	-1.41580	4.383520	.0546123	.0076587	3.707503	4.676081	.0808523
#3	-1.33483	4.378566	.0557514	.0076331	3.703312	4.692039	.0796861

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-12DLX2 Acquired: 01/10/2025 16:04:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2987153	.5006953	.0243509
Stddev	.0036045	.0017537	.0056866
%RSD	1.206679	.3502479	23.35253
#1	.2973542	.5016197	.0184345
#2	.3028022	.4986729	.0297756
#3	.2959894	.5017934	.0248427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3355.321	30695.20	1388.893	1921.396	3121.556
Stddev	14.833	214.40	6.575	13.005	17.306
%RSD	.4420778	.6984939	.4733768	.6768354	.5543912
#1	3349.380	30463.17	1387.887	1907.203	3107.334
#2	3344.380	30736.46	1382.880	1924.246	3116.511
#3	3372.204	30885.98	1395.913	1932.740	3140.824

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5207-12DLX2 Acquired: 01/10/2025 16:08:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606061	.0078546	.1408048	.0052913	.0065935	24.58479	.2892609
Stddev	.0028172	.0035433	.0016893	.0055572	.0073435	.28357	.0020147
%RSD	4.648444	45.11053	1.199748	105.0252	111.3753	1.153418	.6964834
#1	.0636924	.0105108	.1408649	-.000567	-.000084	24.84781	.2905296
#2	.0599533	.0038315	.1390862	.010488	.014459	24.28439	.2903152
#3	.0581726	.0092216	.1424632	.005952	.005405	24.62217	.2869379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029766	.0015909	516.8991	.0458772	.0615923	.1659613	73.50806
Stddev	.0001260	.0001392	3.1924	.0003506	.0000881	.0013599	.62237
%RSD	4.232533	8.750954	.6176007	.7641523	.1429950	.8193817	.8466649
#1	.0029191	.0014317	520.5377	.0461253	.0616141	.1675151	74.03705
#2	.0031211	.0016512	514.5682	.0460301	.0614953	.1649881	72.82230
#3	.0028896	.0016899	515.5913	.0454761	.0616674	.1653807	73.66484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.922379	111.8652	.0702230	-.003284	.9842623	.0526107	.2314080
Stddev	.052708	1.3116	.0009467	.000832	.5445639	.0008624	.0021583
%RSD	.8899736	1.172441	1.348144	25.34465	55.32711	1.639124	.9326736
#1	5.973539	113.3239	.0695428	-.003558	.6871688	.0536031	.2309273
#2	5.868250	110.7834	.0713042	-.002349	.6528596	.0520439	.2337661
#3	5.925350	111.4881	.0698220	-.003944	1.612758	.0521850	.2295306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.231198	4.174280	.0454386	.0049273	.8299879	3.060653	.0147012
Stddev	.049905	.018672	.0023406	.0008262	.0033875	.022824	.0007641
%RSD	21.58550	.4473015	5.151211	16.76823	.4081341	.7457246	5.197422
#1	-.285560	4.154151	.0455852	.0055722	.8263568	3.084366	.0150957
#2	-.187461	4.177656	.0430281	.0039960	.8305441	3.058756	.0151874
#3	-.220574	4.191034	.0477025	.0052137	.8330629	3.038837	.0138205

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5207-12DLX2 Acquired: 01/10/2025 16:08:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN38 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3445307	.3390744	.0384358
Stddev	.0090576	.0043075	.0054167
%RSD	2.628975	1.270373	14.09286
#1	.3530451	.3438639	.0423773
#2	.3350134	.3355177	.0322592
#3	.3455336	.3378416	.0406709

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3430.898	31014.62	1415.050	1948.764	3102.320
Stddev	8.679	26.39	5.255	5.530	14.500
%RSD	.2529645	.0851000	.3713606	.2837851	.4674026
#1	3438.440	31025.94	1408.997	1949.591	3118.074
#2	3432.842	30984.45	1418.448	1942.867	3099.353
#3	3421.412	31033.46	1417.704	1953.835	3089.533

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5207-22DLX2 Acquired: 01/10/2025 16:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359627	.0034012	.1592100	.0338213	.0153292	39.75581	.6896602
Stddev	.0030568	.0001121	.0036269	.0033191	.0010143	.30066	.0051838
%RSD	8.499823	3.296403	2.278054	9.813649	6.616956	.7562565	.7516484
#1	.0341772	.0032744	.1620880	.0355120	.0142399	40.00560	.6943773
#2	.0342186	.0034419	.1604057	.0299973	.0155013	39.83971	.6904928
#3	.0394922	.0034872	.1551362	.0359547	.0162465	39.42211	.6841105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045076	.0029998	476.1462	.0779268	.0512158	.1339241	119.3699
Stddev	.0004796	.0000646	3.0410	.0009304	.0005974	.0060344	1.1190
%RSD	10.63934	2.152722	.6386742	1.193983	1.166427	4.505807	.9374289
#1	.0049278	.0029336	478.7878	.0774095	.0517282	.1406325	120.3021
#2	.0046099	.0030627	476.8290	.0790010	.0513596	.1289386	119.6788
#3	.0039851	.0030030	472.8218	.0773701	.0505596	.1322010	118.1289

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.40150	232.3207	.1231544	-.004713	.7077989	.0541156	.3856104
Stddev	.05518	1.2997	.0010353	.001487	1.603118	.0035814	.0036408
%RSD	.4449225	.5594423	.8406586	31.55331	226.4935	6.617969	.9441756
#1	12.45660	232.6946	.1234183	-.006058	-.054415	.0580725	.3858492
#2	12.40165	233.3924	.1240322	-.003116	-.372005	.0510964	.3891259
#3	12.34624	230.8750	.1220126	-.004965	2.549817	.0531779	.3818560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.507607	3.191597	.0785670	.0047800	1.006017	7.036803	.0228287
Stddev	.291741	.018251	.0021152	.0002664	.004594	.247134	.0014472
%RSD	11.63425	.5718316	2.692250	5.572812	.4567000	3.512015	6.339217
#1	2.532202	3.192601	.0781929	.0044774	1.011182	7.322030	.0241086
#2	2.204347	3.209325	.0808443	.0048836	1.002384	6.886515	.0212583
#3	2.786273	3.172866	.0766638	.0049791	1.004486	6.901863	.0231190

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5207-22DLX2 Acquired: 01/10/2025 16:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN60 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6062409	.0937458	.0774299
Stddev	.0021127	.0007093	.0026861
%RSD	.3484976	.7566472	3.469082
#1	.6041987	.0931428	.0800245
#2	.6084177	.0945273	.0746608
#3	.6061062	.0935672	.0776046

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3503.345	31827.82	1423.714	1994.850	3042.696
Stddev	12.210	199.29	49.763	18.158	13.299
%RSD	.3485188	.6261425	3.495328	.9102409	.4370697
#1	3499.786	31853.13	1366.351	1990.876	3046.821
#2	3493.309	31617.09	1449.480	1979.009	3027.823
#3	3516.938	32013.25	1455.311	2014.666	3053.443

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-09DLX2 Acquired: 01/10/2025 16:15:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111755	.0144390	.1716174	-.008720	.0016838	22.99453	.2864307
Stddev	.0036310	.0018516	.0028190	.002586	.0057380	.12484	.0014097
%RSD	32.49094	12.82379	1.642623	29.66063	340.7700	.5428970	.4921646
#1	.0095654	.0125312	.1729098	-.011347	-.000771	22.89394	.2866155
#2	.0153332	.0145569	.1683838	-.008637	.008241	22.95540	.2849377
#3	.0086280	.0162289	.1735584	-.006176	-.002419	23.13424	.2877389

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025331	.0017738	681.7609	.0479662	.0498962	.1030691	56.64057
Stddev	.0001430	.0001431	1.8730	.0002725	.0008609	.0001242	.16353
%RSD	5.643380	8.068870	.2747322	.5681466	1.725412	.1204533	.2887164
#1	.0024988	.0019360	679.7439	.0480747	.0489445	.1031423	56.45552
#2	.0024104	.0016650	682.0934	.0476561	.0506209	.1031393	56.76563
#3	.0026901	.0017206	683.4453	.0481677	.0501230	.1029258	56.70057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.512498	116.7794	.0603373	-.002955	1.246296	.0480164	.3350932
Stddev	.016618	.2330	.0009684	.001327	1.101272	.0007367	.0022984
%RSD	.3682580	.1994903	1.604905	44.90392	88.36358	1.534153	.6859082
#1	4.499854	116.5854	.0614554	-.002439	.951261	.0471904	.3375921
#2	4.506320	116.7150	.0597682	-.004462	2.465035	.0482536	.3330696
#3	4.531319	117.0378	.0597883	-.001963	.322592	.0486053	.3346178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.105968	2.959214	.0552366	.0034202	.9558243	4.625655	.0156942
Stddev	.215136	.003257	.0014304	.0001721	.0052933	.028884	.0010728
%RSD	203.0201	.1100731	2.589566	5.032546	.5537951	.6244236	6.835376
#1	-.260492	2.959935	.0559627	.0032794	.9515871	4.615602	.0144704
#2	.139743	2.955657	.0561582	.0036121	.9541280	4.658222	.0161400
#3	-.197154	2.962051	.0535887	.0033692	.9617578	4.603141	.0164722

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-09DLX2 Acquired: 01/10/2025 16:15:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMP2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2272601	.5645877	.0378739
Stddev	.0093516	.0006270	.0054719
%RSD	4.114909	.1110569	14.44765
#1	.2331178	.5638660	.0332094
#2	.2164753	.5648990	.0365152
#3	.2321873	.5649982	.0438971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3388.363	30453.90	1405.310	1931.760	3084.316
Stddev	10.615	41.91	11.654	3.555	11.693
%RSD	.3132925	.1376321	.8293079	.1840247	.3791098
#1	3390.398	30469.11	1416.061	1929.943	3083.662
#2	3397.813	30406.51	1392.925	1929.481	3096.322
#3	3376.877	30486.09	1406.944	1935.857	3072.964

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCV145 Acquired: 01/10/2025 16:19:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV145 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.035099	4.802015	24.84639	5.103914	5.061129	384.7145
Stddev	.008019	.003145	.02022	.015259	.001746	1.3368
%RSD	.1592684	.0655000	.0813652	.2989705	.0344893	.3474827
#1	5.043151	4.799472	24.84054	5.117612	5.059652	385.1066
#2	5.035034	4.801042	24.82975	5.087467	5.063055	385.8114
#3	5.027113	4.805532	24.86889	5.106662	5.060679	383.2255

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26642	.4873083	2.497302	401.3975	15.88307	2.408101
Stddev	.04008	.0037624	.001174	1.2706	.02282	.002379
%RSD	.3903915	.7720748	.0469907	.3165390	.1436874	.0987854
#1	10.25279	.4910793	2.496249	401.5776	15.90663	2.410846
#2	10.31154	.4872909	2.497090	402.5684	15.88152	2.406629
#3	10.23493	.4835546	2.498567	400.0464	15.86107	2.406829

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59135	385.8517	14.05524	386.6848	2.496249	1.269049
Stddev	.10527	1.4285	.07718	1.6026	.001825	.002516
%RSD	.7214331	.3702311	.5490854	.4144472	.0731194	.1982550
#1	14.67273	386.0240	14.07803	387.3633	2.497741	1.271704
#2	14.62884	387.1863	14.11846	387.8366	2.494214	1.268741
#3	14.47247	384.3448	13.96924	384.8546	2.496791	1.266701

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	379.8387	2.352798	14.62839	151.2257	4.958626	4.868145
Stddev	2.7838	.019967	.03162	.8579	.003962	.032993
%RSD	.7329019	.8486578	.2161797	.5673199	.0799074	.6777402
#1	378.9174	2.370979	14.66467	150.5282	4.956414	4.891195
#2	382.9664	2.355986	14.61384	152.1837	4.956265	4.882889
#3	377.6323	2.331428	14.60666	150.9652	4.963201	4.830350

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCV145 Acquired: 01/10/2025 16:19:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV145 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.901576	5.048643	F 8.978367	4.995628	4.893011	4.697173
Stddev	.004214	.001958	.082097	.006879	.026807	.019843
%RSD	.0859739	.0387860	.9143816	.1377080	.5478654	.4224467
#1	4.906222	5.048257	9.029691	4.988556	4.870633	4.701646
#2	4.900508	5.050766	9.021729	4.996029	4.922722	4.714397
#3	4.897999	5.046907	8.883682	5.002297	4.885679	4.675475

Elem	Li6707
Units	ppm
Avg	4.964946
Stddev	.034456
%RSD	.6939844
#1	4.925245
#2	4.987052
#3	4.982541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2840.657	26427.78	1281.750	1607.183	2807.290
Stddev	3.727	92.99	11.486	4.512	1.988
%RSD	.1311893	.3518622	.8961110	.2807168	.0708195
#1	2837.592	26455.04	1277.096	1605.725	2808.046
#2	2839.572	26324.21	1273.321	1603.580	2805.035
#3	2844.805	26504.10	1294.832	1612.243	2808.790

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCB145 Acquired: 01/10/2025 16:22:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB145 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014681	.0018710	-.000572	-.007270	.0019964	-.009818
Stddev	.0054677	.0007120	.002147	.005644	.0053113	.035505
%RSD	372.4238	38.05657	375.4235	77.63321	266.0454	361.6138
#1	.0032432	.0022615	.001907	-.006506	.0038218	-.048486
#2	-.004667	.0010491	-.001800	-.013258	-.003987	-.002284
#3	.005828	.0023023	-.001822	-.002047	.006154	.021314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004442	.0000980	.0001409	-.000538	.0015146	-.000008
Stddev	.004252	.0000732	.0000517	.036316	.0002130	.000272
%RSD	95.72468	74.67326	36.67799	6755.345	14.06375	3256.697
#1	-.007316	.0001818	.0001691	.017258	.0017076	-.000130
#2	.000442	.0000659	.0001723	-.042319	.0012861	.000303
#3	-.006452	.0000464	.0000812	.023447	.0015502	-.000199

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011388	.0854312	-.002237	-.098053	.0005997	-.000297
Stddev	.0004257	.0482026	.002133	.119160	.0002366	.000751
%RSD	37.37967	56.42273	95.35238	121.5262	39.44718	252.5568
#1	.0009287	.0582378	-.001107	-.020933	.0005871	-.001165
#2	.0008591	.0569698	-.004697	-.037929	.0003697	.000148
#3	.0016287	.1410859	-.000906	-.235297	.0008423	.000124

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.146841	-.000109	-.000164	.6840908	-.000689	.0046774
Stddev	.591887	.000497	.000245	.1084780	.002401	.0012374
%RSD	51.61017	456.7778	149.5664	15.85725	348.4144	26.45468
#1	.647438	-.000678	-.000026	.7030995	.001901	.0046883
#2	1.800618	.000235	-.000447	.7818080	-.002839	.0059094
#3	.992467	.000117	-.000019	.5673648	-.001129	.0034347

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCB145 Acquired: 01/10/2025 16:22:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB145 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000230	.0002888	-.002405	-.000153	-.006180	.0000194
Stddev	.0004152	.0016789	.001215	.001666	.001810	.0003943
%RSD	1808.197	581.3400	50.51878	1085.705	29.28446	2029.062
#1	-.000280	.0011755	-.003252	.000749	-.007876	-.000159
#2	-.000147	.0013384	-.001013	-.002076	-.006390	-.000254
#3	.000496	-.001648	-.002949	.000867	-.004274	.000471

Elem	Li6707
Units	ppm
Avg	F .0453344
Stddev	.0056274
%RSD	12.41301
#1	.0516844
#2	.0433530
#3	.0409657

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3542.961	32024.08	1396.960	2027.058	4042.375
Stddev	3.169	88.08	9.955	7.142	5.097
%RSD	.0894389	.2750466	.7126435	.3523297	.1260890
#1	3545.259	32050.71	1407.900	2018.996	4044.620
#2	3544.278	31925.75	1394.546	2029.586	4036.541
#3	3539.346	32095.77	1388.433	2032.592	4045.964

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-12DLX5 Acquired: 01/10/2025 16:26:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120308	-.001115	.0648162	.0374517	.0040249	25.38110	.2388026
Stddev	.0052930	.003003	.0008791	.0021042	.0025018	.02783	.0023060
%RSD	43.99586	269.3242	1.356251	5.618426	62.15819	.1096503	.9656634
#1	.0177701	-.001838	.0638925	.0377161	.0065777	25.37703	.2380259
#2	.0073415	-.003691	.0649136	.0352278	.0039194	25.35552	.2369853
#3	.0109806	.002184	.0656425	.0394113	.0015775	25.41073	.2413967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012111	.0007987	6.232246	.0354952	.0333352	.0190043	51.79087
Stddev	.0002799	.0000224	.042030	.0004546	.0003642	.0008177	.06481
%RSD	23.11367	2.803467	.6743926	1.280853	1.092432	4.302810	.1251382
#1	.0009965	.0008176	6.247516	.0357270	.0330613	.0191814	51.76465
#2	.0011090	.0008044	6.264507	.0349713	.0337484	.0197189	51.86469
#3	.0015277	.0007740	6.184716	.0357871	.0331957	.0181125	51.74328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.32355	5.130470	.0341432	-.000631	.3806164	.0010155	.0919291
Stddev	.03899	.220365	.0004829	.000368	.2031463	.0008382	.0003883
%RSD	.2926764	4.295214	1.414400	58.31706	53.37298	82.54803	.4223501
#1	13.35414	5.292779	.0340815	-.000797	.3666705	.0014709	.0923628
#2	13.33688	4.879602	.0336941	-.000888	.1848023	.0000481	.0916139
#3	13.27964	5.219028	.0346540	-.000209	.5903763	.0015274	.0918105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.740572	2.522530	.0177396	.0033945	.3107347	3.126347	.0055302
Stddev	.094679	.010531	.0013378	.0004078	.0008030	.039756	.0010190
%RSD	12.78459	.4174764	7.541364	12.01444	.2584128	1.271640	18.42628
#1	-.667601	2.524632	.0166798	.0029423	.3113503	3.133695	.0044531
#2	-.847560	2.511107	.0172962	.0035067	.3098264	3.161916	.0064789
#3	-.706555	2.531852	.0192428	.0037345	.3110273	3.083430	.0056588

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-12DLX5 Acquired: 01/10/2025 16:26:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2289281	-.033965	.0207020
Stddev	.0013338	.000147	.0046420
%RSD	.5826059	.4316906	22.42300
#1	.2304080	-.034098	.0249367
#2	.2278190	-.033989	.0157388
#3	.2285574	-.033808	.0214305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3557.376	32305.79	1401.746	2030.990	3808.159
Stddev	5.224	32.60	13.867	3.305	6.754
%RSD	.1468535	.1009260	.9892972	.1627504	.1773630
#1	3551.763	32305.28	1403.358	2027.173	3800.606
#2	3558.269	32338.65	1387.142	2032.903	3813.619
#3	3562.097	32273.44	1414.736	2032.893	3810.252

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-05A Acquired: 01/10/2025 16:30:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMP0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4915894	.0322605	1.486446	.3003983	.1128972	96.36779	1.996631
Stddev	.0056555	.0014433	.003328	.0041337	.0010363	.37073	.001001
%RSD	1.150447	4.474042	.2239017	1.376060	.9178666	.3847015	.0501428
#1	.4980820	.0308255	1.485512	.3038758	.1131632	96.16331	1.995522
#2	.4889510	.0337120	1.483685	.2958281	.1137745	96.14433	1.996901
#3	.4877353	.0322439	1.490142	.3014910	.1117539	96.79573	1.997469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111517	.0108836	78.80843	.1439359	.0624182	.2283060	218.1405
Stddev	.0003343	.0001038	.13845	.0010992	.0005060	.0012645	.6509
%RSD	2.997293	.9534972	.1756778	.7636897	.8106780	.5538453	.2983668
#1	.0113227	.0110006	78.95860	.1448600	.0626907	.2293568	217.7748
#2	.0107666	.0108476	78.68587	.1427203	.0627295	.2286585	217.7548
#3	.0113659	.0108027	78.78082	.1442274	.0618343	.2269027	218.8920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.14710	28.94359	.1985119	.0073133	.7829421	.1362987	1.514737
Stddev	.04919	.03593	.0010204	.0012782	.0630777	.0026662	.003310
%RSD	.2868939	.1241447	.5140253	17.47799	8.056498	1.956173	.2185215
#1	17.15834	28.98260	.1983969	.0085332	.7434414	.1393749	1.510984
#2	17.09325	28.91185	.1995849	.0059838	.8556884	.1346540	1.515991
#3	17.18970	28.93631	.1975539	.0074230	.7496965	.1348672	1.517237

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.78497	6.257749	.0984673	.0093140	1.979227	14.01069	.0778852
Stddev	.20112	.017554	.0010390	.0006882	.006413	.10094	.0012291
%RSD	11.26753	.2805105	1.055183	7.388258	.3240391	.7204782	1.578107
#1	-1.89990	6.277921	.0982774	.0100185	1.986503	14.12387	.0776260
#2	-1.55274	6.249386	.0975364	.0086434	1.976784	13.97827	.0768064
#3	-1.90228	6.245941	.0995882	.0092802	1.974394	13.92995	.0792233

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-05A Acquired: 01/10/2025 16:30:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMP0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5912713	-.028646	.0933700
Stddev	.0043782	.000446	.0025989
%RSD	.7404685	1.556609	2.783415
#1	.5884454	-.028255	.0918230
#2	.5890539	-.028551	.0963704
#3	.5963146	-.029132	.0919165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4598.180	42004.83	1839.885	2627.801	3511.711
Stddev	8.901	263.14	12.427	21.325	8.226
%RSD	.1935692	.6264484	.6754059	.8115312	.2342383
#1	4601.874	42076.33	1829.385	2635.932	3511.479
#2	4604.638	42224.82	1853.605	2643.864	3520.050
#3	4588.027	41713.33	1836.666	2603.606	3503.603

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-10A Acquired: 01/10/2025 16:34:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0781499	-.004029	3.081399	.0385987	.0186896	42.40360
Stddev	.0029836	.005012	.003842	.0023342	.0041025	.17575
%RSD	3.817753	124.3923	.1246937	6.047372	21.95093	.4144645
#1	.0799330	-.005162	3.077121	.0412568	.0143176	42.60460
#2	.0747055	-.008378	3.084555	.0368829	.0224553	42.27890
#3	.0798113	.001452	3.082521	.0376565	.0192960	42.32730

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.813965	.0060034	.0138128	F 965.5188	.1606912	.0584509
Stddev	.003441	.0001132	.0000783	2.4375	.0001849	.0004232
%RSD	.1896817	1.884721	.5670650	.2524511	.1150429	.7239405
#1	1.815997	.0061115	.0137502	968.3186	.1605022	.0579650
#2	1.815905	.0060129	.0137875	964.3680	.1608716	.0586495
#3	1.809992	.0058858	.0139006	963.8698	.1606999	.0587382

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3925535	132.6514	8.890753	133.0029	.1919955	.0125099
Stddev	.0054520	.6744	.025345	.8831	.0001171	.0005608
%RSD	1.388864	.5083969	.2850766	.6639691	.0610011	4.482654
#1	.3988423	133.3939	8.919853	133.9666	.1918679	.0130097
#2	.3896592	132.4833	8.873500	132.2323	.1920982	.0126165
#3	.3891589	132.0769	8.878907	132.8099	.1920203	.0119034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.237473	.0914932	7.144452	-2.72978	8.394677	.1100284
Stddev	.697516	.0020063	.004780	.09995	.015256	.0026768
%RSD	31.17427	2.192808	.0669085	3.661315	.1817321	2.432817
#1	1.960127	.0937509	7.149940	-2.68599	8.378065	.1074511
#2	1.721289	.0899147	7.142224	-2.65920	8.397908	.1127946
#3	3.031003	.0908140	7.141193	-2.84414	8.408059	.1098395

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5202-10A Acquired: 01/10/2025 16:34:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNG5A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111754	7.140349	17.67517	.1435886	.5989892	.9020569
Stddev	.0010016	.008361	.26532	.0016216	.0090564	.0001060
%RSD	8.962310	.1170964	1.501115	1.129358	1.511941	.0117528
#1	.0121805	7.141636	17.97963	.1454213	.6057451	.9020803
#2	.0101774	7.131419	17.55253	.1423397	.5886985	.9019411
#3	.0111684	7.147992	17.49336	.1430047	.6025239	.9021492

Elem	Li6707
Units	ppm
Avg	.0416521
Stddev	.0017425
%RSD	4.183495
#1	.0417865
#2	.0398463
#3	.0433236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3465.871	31549.46	1443.894	1990.407	3004.384
Stddev	7.330	24.10	19.761	1.994	3.648
%RSD	.2115040	.0763934	1.368562	.1002001	.1214309
#1	3461.631	31521.86	1421.224	1991.380	3008.363
#2	3461.647	31566.40	1452.985	1988.113	3001.196
#3	3474.336	31560.11	1457.472	1991.728	3003.593

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-18A Acquired: 01/10/2025 16:38:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNC1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0297876	-.003974	.1241267	.0404371	.0142188	48.80758	.3757748
Stddev	.0005652	.003154	.0020363	.0036677	.0032508	.17805	.0059566
%RSD	1.897466	79.37057	1.640473	9.070048	22.86265	.3648050	1.585162
#1	.0300486	-.007443	.1218480	.0422961	.0152193	48.84327	.3764382
#2	.0291391	-.001279	.1247641	.0428031	.0105853	48.96508	.3813720
#3	.0301752	-.003200	.1257680	.0362122	.0168517	48.61438	.3695143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049605	.0013838	520.5226	.0839330	.0617217	.1795095	130.0054
Stddev	.0000152	.0000322	1.8485	.0004803	.0003930	.0004237	.5539
%RSD	.3062513	2.329947	.3551208	.5721887	.6367574	.2360616	.4260381
#1	.0049451	.0014180	521.3667	.0833786	.0621324	.1792162	129.9015
#2	.0049755	.0013539	521.7984	.0842202	.0613491	.1793169	130.6039
#3	.0049608	.0013793	518.4028	.0842003	.0616835	.1799953	129.5108

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.280848	98.96240	.1440741	.0079042	1.629006	.1177305	.2784398
Stddev	.030382	.51967	.0012472	.0008826	.428190	.0015275	.0016435
%RSD	.4837212	.5251140	.8656782	11.16667	26.28536	1.297478	.5902442
#1	6.286891	99.08080	.1439981	.0078320	1.253242	.1194749	.2777761
#2	6.307755	99.41265	.1453576	.0088207	1.538594	.1166322	.2803114
#3	6.247900	98.39375	.1428666	.0070599	2.095183	.1170844	.2772320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.66624	6.228441	.0788122	.0041915	.7331092	18.16434	.0210367
Stddev	.07003	.014296	.0014822	.0007761	.0026889	.05620	.0006525
%RSD	2.626405	.2295346	1.880681	18.51628	.3667778	.3094211	3.101581
#1	-2.61485	6.235504	.0802318	.0050408	.7358953	18.12750	.0214860
#2	-2.74600	6.211988	.0772745	.0040148	.7305294	18.22903	.0213358
#3	-2.63787	6.237831	.0789303	.0035190	.7329028	18.13648	.0202883

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-18A Acquired: 01/10/2025 16:38:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNC1A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9076313	.5659314	.0750596
Stddev	.0098441	.0017544	.0014464
%RSD	1.084597	.3099957	1.927022
#1	.9110361	.5670528	.0736196
#2	.9153210	.5668317	.0750467
#3	.8965367	.5639097	.0765124

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3691.016	33182.79	1505.693	2107.895	3226.598
Stddev	12.088	63.21	2.648	5.746	8.884
%RSD	.3274975	.1904786	.1758338	.2725901	.2753235
#1	3704.940	33139.99	1502.739	2104.665	3236.806
#2	3683.215	33255.39	1507.851	2104.491	3222.372
#3	3684.892	33153.00	1506.489	2114.529	3220.617

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5207-13A Acquired: 01/10/2025 16:42:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN39A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1294619	.0094725	.2035318	.1098576	.0479126	94.74174	.6349110
Stddev	.0015956	.0026368	.0025909	.0089367	.0029465	.46694	.0025499
%RSD	1.232509	27.83601	1.272976	8.134804	6.149775	.4928599	.4016139
#1	.1276257	.0075276	.2042197	.1008964	.0510653	95.06176	.6370333
#2	.1302492	.0124736	.2057093	.1187696	.0452284	94.20593	.6320824
#3	.1305109	.0084163	.2006663	.1099069	.0474440	94.95752	.6356174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079266	.0026202	757.7367	.4383293	.1282333	2.711259	254.7868
Stddev	.0003395	.0000737	2.6699	.0011716	.0004920	.012612	.6335
%RSD	4.282996	2.810703	.3523487	.2672965	.3837167	.4651734	.2486407
#1	.0082912	.0026315	760.0946	.4382756	.1287473	2.725651	255.3796
#2	.0076196	.0026876	754.8377	.4395269	.1281859	2.705986	254.1192
#3	.0078690	.0025416	758.2777	.4371855	.1277666	2.702138	254.8615

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.450913	253.7971	.2416865	-.002481	1.318136	.4584823	.7444673
Stddev	.026984	1.3913	.0011799	.000624	.695930	.0032989	.0025856
%RSD	.4182965	.5482097	.4881786	25.16471	52.79652	.7195328	.3473044
#1	6.466199	254.3654	.2409891	-.001914	2.082530	.4611897	.7463054
#2	6.419757	252.2115	.2410216	-.003150	.721241	.4548079	.7415108
#3	6.466785	254.8143	.2430487	-.002379	1.150638	.4594492	.7455857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	44.79347	7.355725	.1221931	.0041084	1.840370	9.750787	.0719771
Stddev	.17746	.018673	.0030233	.0010851	.008600	.033478	.0016676
%RSD	.3961661	.2538553	2.474187	26.41245	.4673040	.3433326	2.316895
#1	44.92822	7.343390	.1219484	.0053593	1.840194	9.789427	.0734922
#2	44.59240	7.346576	.1253313	.0035466	1.831859	9.732456	.0701903
#3	44.85978	7.377208	.1192996	.0034193	1.849056	9.730478	.0722489

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5207-13A Acquired: 01/10/2025 16:42:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHN39A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	25.21236	.2685472	.1141568
Stddev	.08347	.0007899	.0015377
%RSD	.3310776	.2941340	1.347032
#1	25.27267	.2687905	.1125222
#2	25.11710	.2676643	.1143733
#3	25.24733	.2691868	.1155747

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3528.389	32221.44	1495.885	2035.165	2934.475
Stddev	9.864	54.50	6.803	11.601	9.794
%RSD	.2795632	.1691536	.4547580	.5700281	.3337405
#1	3517.050	32283.84	1488.070	2024.113	2925.116
#2	3533.128	32197.30	1500.478	2047.247	2944.652
#3	3534.990	32183.17	1499.106	2034.136	2933.658

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-17DLX5 Acquired: 01/10/2025 16:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMW4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168179	.0171537	.0671334	-.023971	.0039152	7.873563	.0909467
Stddev	.0030310	.0035026	.0022533	.002013	.0008914	.095135	.0014118
%RSD	18.02255	20.41916	3.356407	8.396794	22.76840	1.208288	1.552285
#1	.0197966	.0194334	.0670653	-.024114	.0032167	7.779149	.0918436
#2	.0137371	.0189070	.0694199	-.021890	.0036097	7.872135	.0893194
#3	.0169201	.0131206	.0649149	-.025908	.0049192	7.969404	.0916771

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011745	.0006678	603.6036	.0160425	.0478541	.0779138	39.47359
Stddev	.0001032	.0001213	4.2646	.0003815	.0009580	.0011409	.32849
%RSD	8.782841	18.16620	.7065288	2.377789	2.001964	1.464280	.8321774
#1	.0012582	.0008079	598.6974	.0164554	.0489425	.0782865	39.09590
#2	.0012060	.0005983	606.4231	.0159690	.0471384	.0766332	39.63208
#3	.0010593	.0005972	605.6902	.0157032	.0474813	.0788218	39.69278

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.707892	31.44501	.0331941	-.001478	.4396443	.0153625	.1869524
Stddev	.025485	.50430	.0010148	.000999	.4234449	.0003798	.0016439
%RSD	.6873069	1.603758	3.057108	67.63308	96.31535	2.472162	.8793285
#1	3.683318	30.86306	.0336392	-.002600	.2642906	.0157721	.1862230
#2	3.706159	31.71808	.0339103	-.000682	.9225981	.0150221	.1888348
#3	3.734198	31.75390	.0320329	-.001152	.1320441	.0152933	.1857993

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.890065	1.426428	.0224704	.0043320	1.766203	1.482663	.0109419
Stddev	.170128	.002972	.0003567	.0009044	.008134	.006156	.0021229
%RSD	19.11410	.2083610	1.587269	20.87654	.4605263	.4152056	19.40186
#1	-.757570	1.426054	.0221245	.0042831	1.762697	1.475598	.0100954
#2	-.830703	1.423660	.0228369	.0052599	1.760410	1.485517	.0133574
#3	-1.08192	1.429569	.0224499	.0034531	1.775502	1.486875	.0093727

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5198-17DLX5 Acquired: 01/10/2025 16:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHMW4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1036769	.7044407	.0245859
Stddev	.0094962	.0054885	.0047030
%RSD	9.159386	.7791351	19.12865
#1	.0996634	.6981650	.0282217
#2	.0968464	.7083440	.0192746
#3	.1145208	.7068131	.0262614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3369.071	30516.47	1387.485	1924.050	3225.176
Stddev	12.810	73.43	7.073	10.288	12.172
%RSD	.3802197	.2406205	.5097993	.5347253	.3774005
#1	3375.559	30601.04	1394.892	1935.060	3231.069
#2	3354.315	30479.48	1386.763	1914.680	3211.179
#3	3377.338	30468.89	1380.800	1922.411	3233.280

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-13 Acquired: 01/10/2025 17:13:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0564113	-.093648	4.911951	.1610989	.0433009	52.35266	1.873518
Stddev	.0475568	.044983	.546139	.0531956	.0095820	.34099	.003349
%RSD	84.30370	48.03439	11.11858	33.02049	22.12886	.6513401	.1787328
#1	.1113243	-.072945	5.340172	.2040481	.0534815	52.44334	1.870650
#2	.0286874	-.062744	4.296919	.1776545	.0419631	51.97550	1.872707
#3	.0292221	-.145256	5.098762	.1015940	.0344581	52.63915	1.877198

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136319	.0115415	153.2955	.1024908	-.018249	.8423822	363.2785
Stddev	.0001357	.0024217	.2332	.0014627	.023517	.0055369	1.5473
%RSD	.9958193	20.98250	.1521122	1.427136	128.8660	.6572853	.4259143
#1	.0136777	.0129496	153.4205	.1020092	-.041345	.8399304	364.2732
#2	.0137388	.0087452	153.4395	.1013297	-.019071	.8384945	361.4959
#3	.0134792	.0129297	153.0264	.1041336	.005668	.8487216	364.0665

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.236989	35.17798	.1646965	-.016000	1.282797	.1992905	4.065648
Stddev	.014371	.51164	.0218146	.000709	1.051520	.0008190	.038753
%RSD	.2304234	1.454428	13.24535	4.432992	81.97090	.4109461	.9531874
#1	6.232468	35.40605	.1889989	-.016521	.985678	.1988388	4.107881
#2	6.225421	34.59196	.1468073	-.016287	2.450908	.1987967	4.031722
#3	6.253077	35.53591	.1582834	-.015192	.411805	.2002358	4.057342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.49067	6.338139	.1555442	.0257590	3.025872	19.65085	.1753929
Stddev	.20467	.879259	.0031244	.0142331	.583802	.32902	.0178370
%RSD	5.863460	13.87250	2.008694	55.25484	19.29369	1.674349	10.16971
#1	-3.46145	7.240358	.1582615	.0128593	3.606375	19.28186	.1953413
#2	-3.70838	5.483797	.1562408	.0233896	2.438825	19.75696	.1609799
#3	-3.30218	6.290264	.1521303	.0410281	3.032415	19.91372	.1698575

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: P5203-13 Acquired: 01/10/2025 17:13:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: MBHNB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6011735	-.007655	.0468882
Stddev	.0026676	.001040	.0005259
%RSD	.4437379	13.58785	1.121682
#1	.5980960	-.008850	.0473543
#2	.6025967	-.007160	.0469922
#3	.6028277	-.006954	.0463179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1261.729	33393.41	1444.261	2086.653	1275.396
Stddev	1395.735	379.89	4.990	23.363	1323.435
%RSD	110.6208	1.137618	.3454837	1.119641	103.7666
#1	2853.051	32956.04	1445.265	2059.700	2776.320
#2	687.084	33641.17	1448.672	2099.146	773.734
#3	245.053	33583.03	1438.845	2101.114	276.134

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCV146 Acquired: 01/10/2025 17:19:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV146 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.042154	5.003771	25.66786	5.271400	5.236484	407.4736
Stddev	.006465	.022927	.07503	.005884	.015085	15.7765
%RSD	.1282286	.4582024	.2922983	.1116173	.2880710	3.871776
#1	5.041088	4.984794	25.59368	5.264637	5.219172	408.3899
#2	5.049086	4.997273	25.66621	5.275341	5.243473	422.7719
#3	5.036288	5.029246	25.74370	5.274224	5.246807	391.2589

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.63963	.5276420	2.578871	423.1198	16.38572	2.484782
Stddev	.45182	.0172620	.009460	17.2349	.22899	.018742
%RSD	4.246552	3.271540	.3668307	4.073295	1.397520	.7542901
#1	10.64843	.5412613	2.569108	423.9488	16.26878	2.472562
#2	11.08699	.5334365	2.579508	439.9252	16.23880	2.475422
#3	10.18348	.5082283	2.587996	405.4853	16.64957	2.506360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.01113	408.3634	14.67533	406.9414	2.583441	1.312603
Stddev	.57420	16.7390	.58021	15.8945	.010196	.010881
%RSD	3.586265	4.099054	3.953660	3.905856	.3946488	.8289762
#1	16.47844	411.6106	14.75254	408.8889	2.573041	1.305839
#2	16.18480	423.2409	15.21308	421.7724	2.583863	1.306815
#3	15.37014	390.2387	14.06038	390.1628	2.593419	1.325155

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	402.9021	2.568739	15.27507	161.2105	5.132476	5.332713
Stddev	15.6498	.094592	.02549	5.8448	.013465	.194578
%RSD	3.884263	3.682422	.1669001	3.625540	.2623554	3.648757
#1	403.6371	2.644963	15.27944	161.2436	5.120740	5.483477
#2	418.1715	2.598375	15.24768	167.0387	5.129511	5.401600
#3	386.8978	2.462877	15.29811	155.3493	5.147177	5.113064

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCV146 Acquired: 01/10/2025 17:19:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCV146 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.066269	5.196222	F 11.01973	5.177535	5.146440	4.894685
Stddev	.019070	.024894	.40872	.013572	.218654	.193929
%RSD	.3764040	.4790794	3.708967	.2621372	4.248639	3.962023
#1	5.045356	5.167724	11.35116	5.164848	5.160373	4.896293
#2	5.070755	5.207217	11.14499	5.175910	5.357793	5.087805
#3	5.082696	5.213726	10.56304	5.191847	4.921153	4.699958

Elem	Li6707
Units	ppm
Avg	5.256291
Stddev	.217510
%RSD	4.138093
#1	5.230919
#2	5.485375
#3	5.052580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.287	25318.14	1169.329	1530.558	2701.358
Stddev	5.220	291.07	44.285	8.280	8.095
%RSD	.1908956	1.149631	3.787239	.5409978	.2996551
#1	2740.254	25582.71	1139.716	1540.075	2710.704
#2	2730.568	25365.36	1148.031	1525.000	2696.814
#3	2732.039	25006.36	1220.239	1526.601	2696.556

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCB146 Acquired: 01/10/2025 17:23:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB146 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000608	.0027300	.0014636	.0004541	.0003652	.0103726
Stddev	.002222	.0024564	.0018270	.0005138	.0041227	.0171588
%RSD	365.4382	89.97834	124.8279	113.1487	1128.882	165.4241
#1	-.000059	.0048274	-.000635	-.000116	-.004354	.0206004
#2	-.003053	.0000276	.002323	.000882	.002183	-.009437
#3	.001288	.0033350	.002702	.000596	.003266	.019955

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003105	-.000101	.0001040	.0105277	.0014712	.0001690
Stddev	.001362	.000078	.0000570	.0664496	.0005188	.0003623
%RSD	43.86562	78.04832	54.76081	631.1912	35.26698	214.3513
#1	-.002457	-.000169	.0001370	-.061523	.0015678	-.000139
#2	-.004670	-.000117	.0000383	.023704	.0009108	.000078
#3	-.002188	-.000015	.0001369	.069402	.0019350	.000568

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003382	.0144567	-.001816	.1026303	-.000229	.0001450
Stddev	.0005932	.0297147	.004530	.0852764	.000088	.0021695
%RSD	175.4042	205.5428	249.3839	83.09093	38.31223	1496.208
#1	.0003456	-.013303	-.006632	.1039648	-.000288	-.001985
#2	.0009276	.045801	-.001177	.1872316	-.000271	.002352
#3	-.000259	.010872	.002360	.0166944	-.000128	.000069

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8386905	.0006385	.0008996	1.544212	.0025546	.0064946
Stddev	.0775928	.0003393	.0007286	.231383	.0010772	.0011990
%RSD	9.251660	53.14173	80.98870	14.98389	42.16664	18.46233
#1	.7858770	.0004231	.0017339	1.805485	.0019227	.0069014
#2	.9277765	.0010296	.0005760	1.461953	.0019427	.0051451
#3	.8024180	.0004627	.0003889	1.365198	.0037983	.0074373

Reviewed By:jaswal
On:1/12/2025 8:54:07 PM
Inst Id :P5

Sample Name: CCB146 Acquired: 01/10/2025 17:23:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v104) Mode: CONC Corr. Factor: 1.00000
User: Kareem Custom ID1: CCB146 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002209	.0019296	.0026173	-.000642	-.006651	.0002261
Stddev	.0001129	.0021363	.0015734	.000294	.006368	.0001785
%RSD	51.10476	110.7106	60.11613	45.78472	95.75152	78.93954
#1	.0003062	.0027533	.0013122	-.000883	-.000277	.0000939
#2	.0000929	.0035316	.0021753	-.000728	-.013013	.0001553
#3	.0002635	-.000496	.0043645	-.000315	-.006662	.0004292

Elem	Li6707
Units	ppm
Avg	F .0844945
Stddev	.0095859
%RSD	11.34496
#1	.0954894
#2	.0801029
#3	.0778911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.283	30326.08	1328.328	1911.435	3830.945
Stddev	6.718	100.85	10.695	3.636	12.490
%RSD	.2000556	.3325511	.8051322	.1902192	.3260330
#1	3364.819	30299.26	1316.421	1911.869	3838.951
#2	3351.396	30437.63	1331.446	1914.835	3816.553
#3	3358.634	30241.35	1337.118	1907.602	3837.331