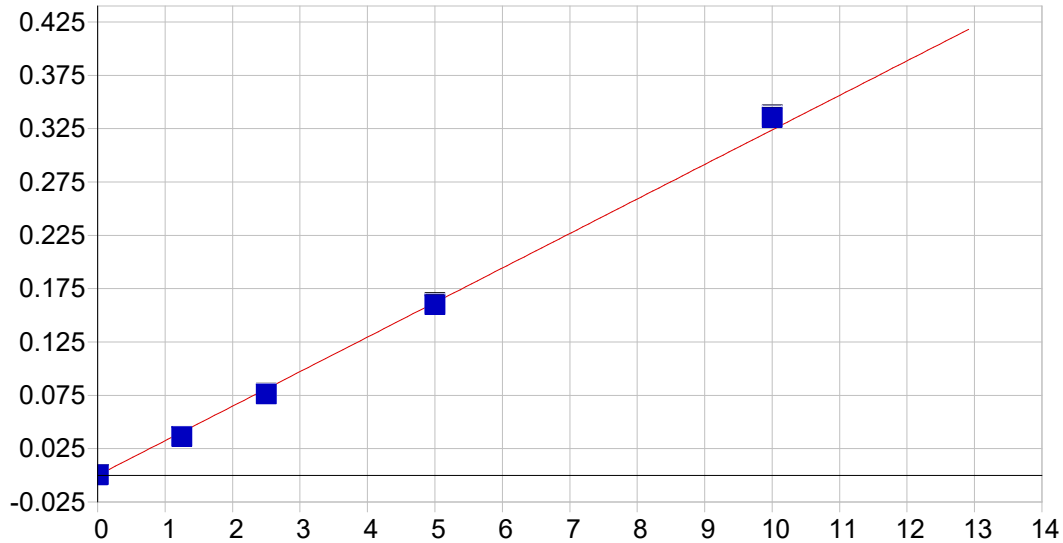
Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



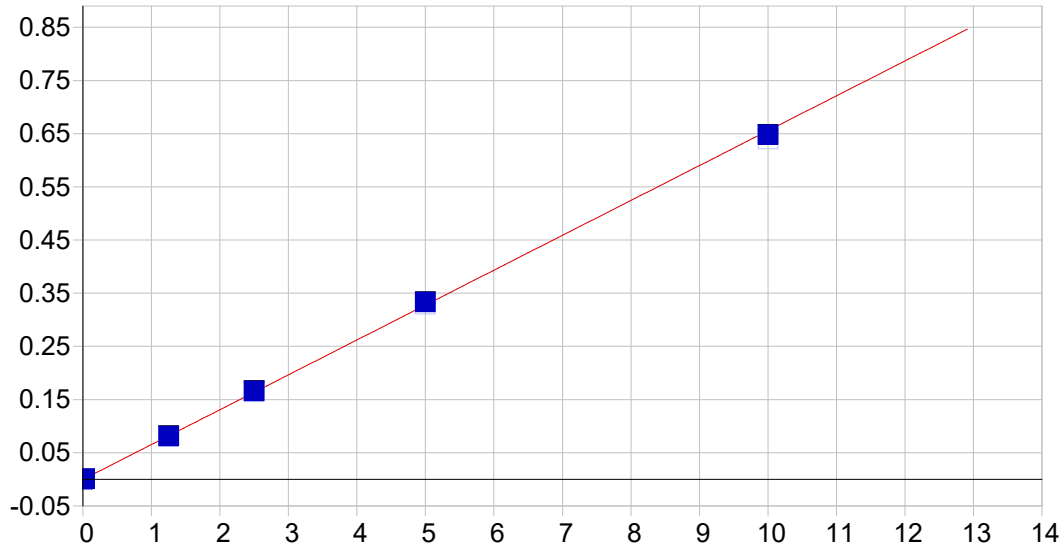
As 189.042 {479}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000056	Re-Slope:	1.000000
A1 (Gain):	0.032377	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998981	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.007717		
Predicted MQL:	0.025723		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00006	.000	1
S1	.01000	.01294	.003	29.4	.00048	.000	1
S2	1.2500	1.1119	-.138	-11.0	.03636	.000	1
S3	2.5000	2.3469	-.153	-6.12	.07665	.000	1
S4	5.0000	4.9346	-.065	-1.31	.16103	.001	1
S5	10.000	10.354	.354	3.54	.33770	.000	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



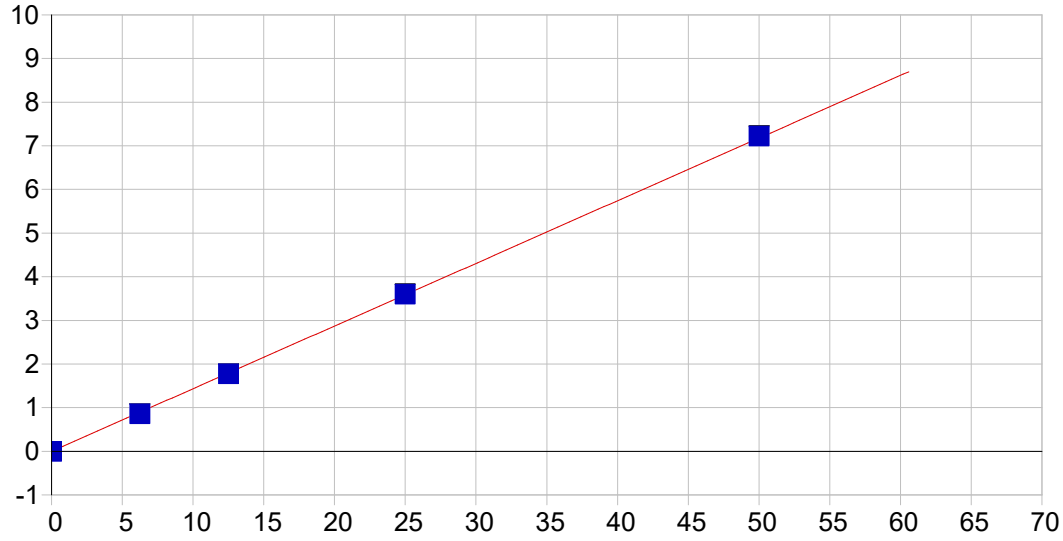
Tl 190.856 {477}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000261	Re-Slope:	1.000000
A1 (Gain):	0.065589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.003342		
Predicted MQL:	0.011140		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00026	.000	1
S1	.02500	.02589	.001	3.57	.00140	.000	1
S2	1.2500	1.2448	-.005	-.417	.08033	.001	1
S3	2.5000	2.5385	.039	1.54	.16413	.000	1
S4	5.0000	5.0844	.084	1.69	.32900	.001	1
S5	10.000	9.8814	-.119	-1.19	.63940	.001	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



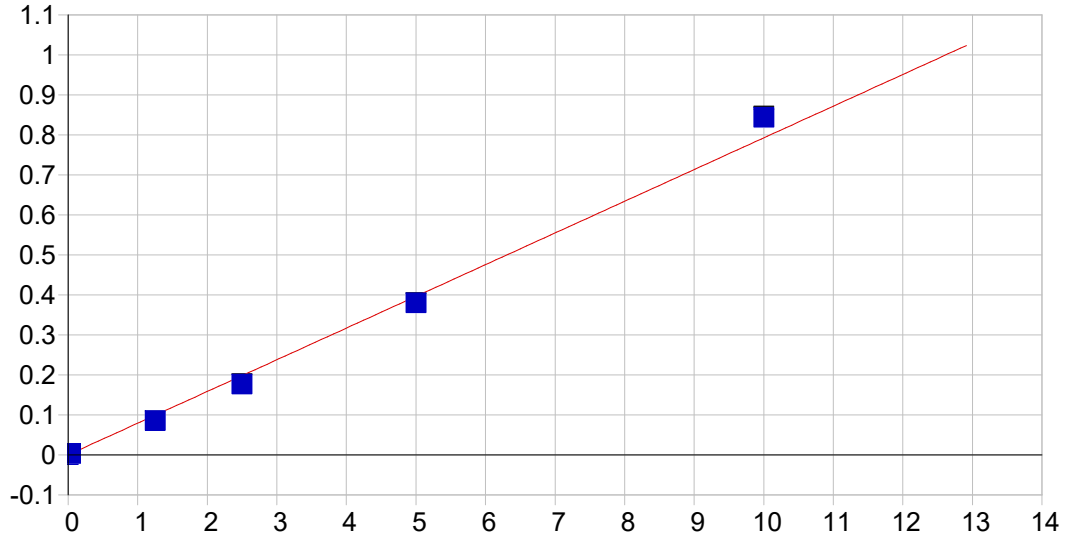
Pb 220.353 {453}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000550	Re-Slope:	1.000000
A1 (Gain):	0.143557	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.003285		
Predicted MQL:	0.010951		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.01000	.01018	.000	1.79	.00091	.000	1
S2	6.2500	5.9826	-.267	-4.28	.85806	.001	1
S3	12.500	12.364	-.136	-1.09	1.7739	.002	1
S4	25.000	25.084	.084	.337	3.5996	.005	1
S5	50.000	50.319	.319	.638	7.2213	.012	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



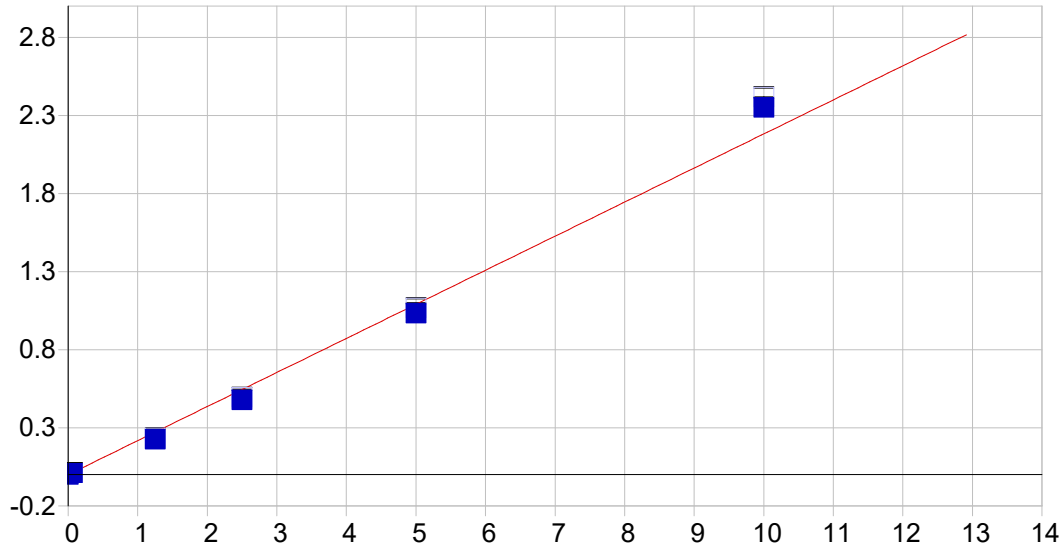
Se 196.090 {472}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000141	Re-Slope:	1.000000
A1 (Gain):	0.079245	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997266	Status:	OK.
Std Error of Est:	0.000184		
Predicted MDL:	0.005439		
Predicted MQL:	0.018131		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00014	.000	1
S1	.03500	.03460	-.000	-1.14	.00288	.001	1
S2	1.2500	1.0773	-.173	-13.8	.08533	.000	1
S3	2.5000	2.2329	-.267	-10.7	.17671	.001	1
S4	5.0000	4.7934	-.207	-4.13	.37924	.001	1
S5	10.000	10.647	.647	6.47	.84233	.003	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



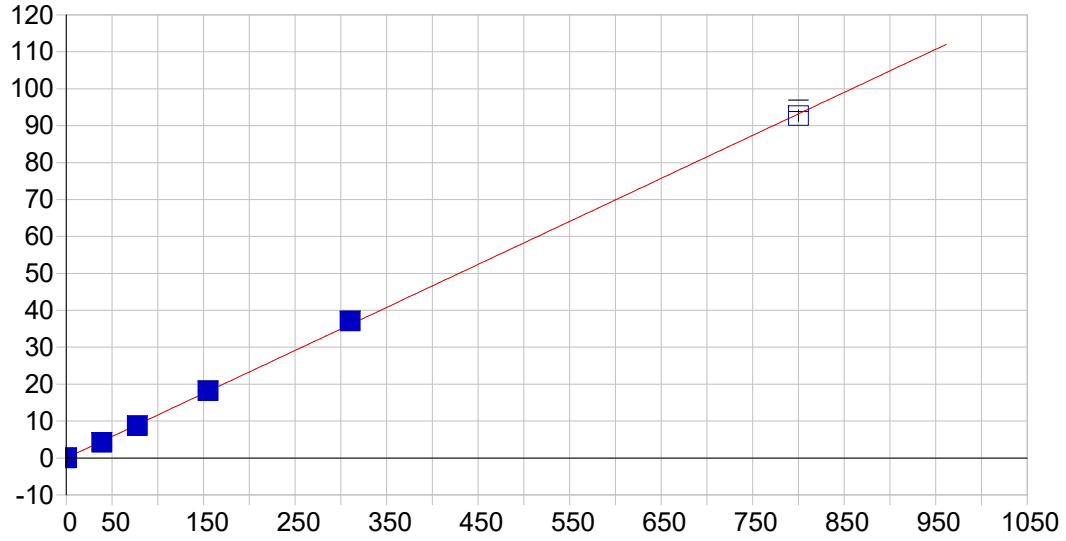
Sb 206.833 {463}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000107	Re-Slope:	1.000000
A1 (Gain):	0.218124	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996330	Status:	OK.
Std Error of Est:	0.000793		
Predicted MDL:	0.002367		
Predicted MQL:	0.007889		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00010	.000	1
S1	.06000	.05380	-.006	-10.3	.01163	.001	1
S2	1.2500	1.0414	-.209	-16.7	.23510	.002	1
S3	2.5000	2.1942	-.306	-12.2	.49461	.002	1
S4	5.0000	4.7406	-.259	-5.19	1.0661	.004	1
S5	10.000	10.780	.780	7.80	2.4156	.004	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



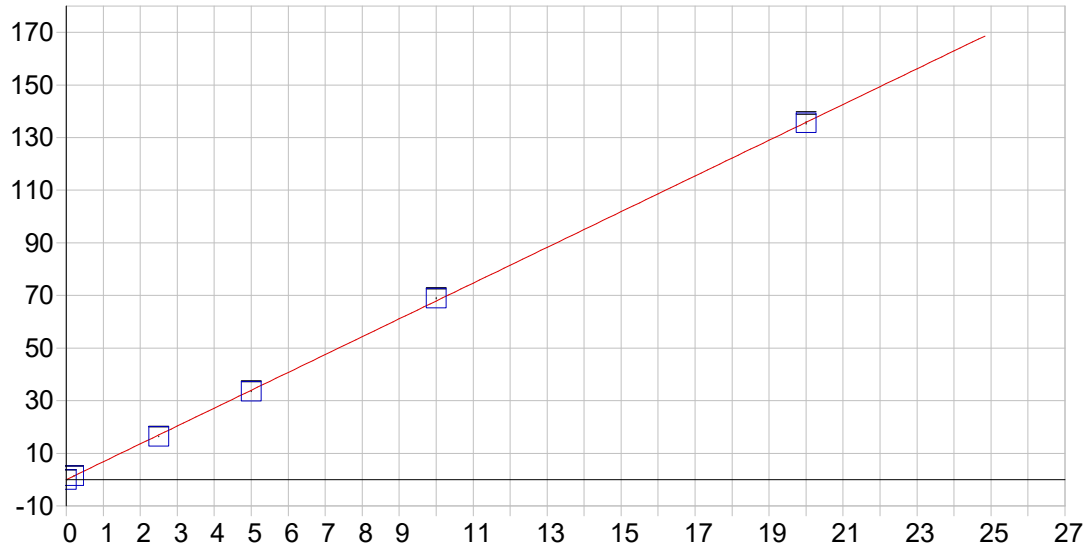
Al 396.152 { 85}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001929	Re-Slope:	1.000000
A1 (Gain):	0.116501	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999826	Status:	OK.
Std Error of Est:	0.001350		
Predicted MDL:	0.013438		
Predicted MQL:	0.044792		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00193	.001	1
S1	.20000	.18889	-.011	-5.55	.02012	.001	1
S2	38.750	36.332	-2.42	-6.24	4.2362	.019	1
S3	77.500	75.001	-2.50	-3.22	8.7466	.037	1
S4	155.00	155.78	.780	.503	18.168	.097	1
S5	310.00	318.31	8.31	2.68	37.125	.136	1
S6	800.00	795.84	-4.16	-.521	92.714	1.54	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



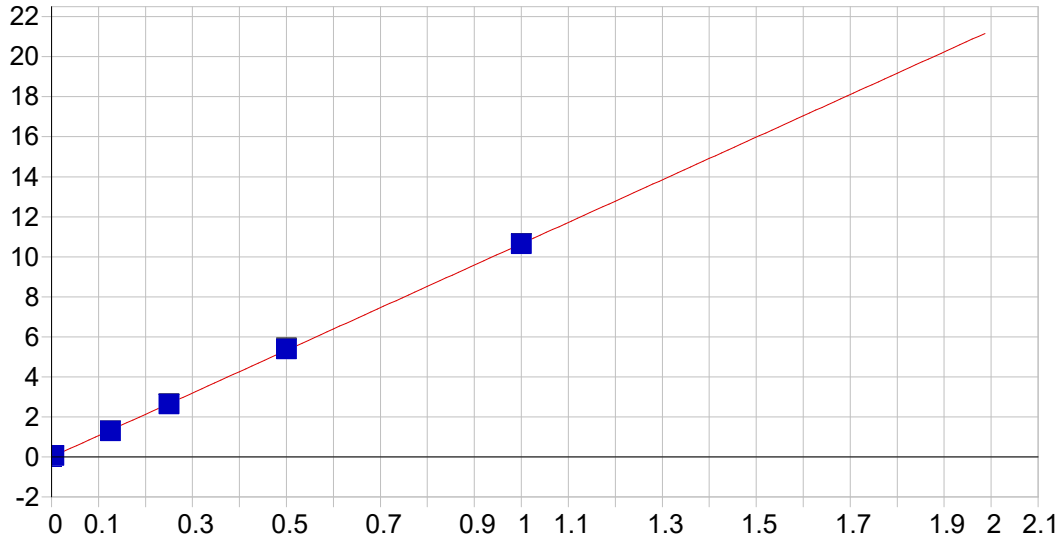
Ba 493.409 { 68}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003410	Re-Slope:	1.000000
A1 (Gain):	6.790076	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999906	Status:	OK.
Std Error of Est:	0.009876		
Predicted MDL:	0.000797		
Predicted MQL:	0.002658		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00346	.001	1
S1	.20000	.21355	.014	6.77	1.4466	.008	1
S2	2.5000	2.4127	-.087	-3.49	16.379	.080	1
S3	5.0000	4.9469	-.053	-1.06	33.587	.151	1
S4	10.000	10.158	.158	1.58	68.967	.235	1
S5	20.000	19.969	-.031	-.153	135.59	.517	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



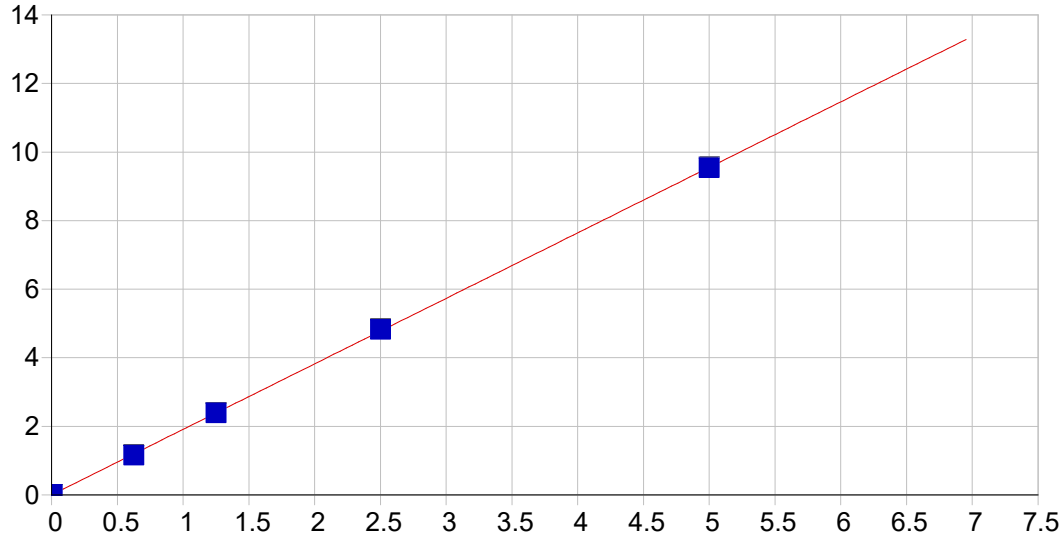
Be 234.861 {144}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002072	Re-Slope:	1.000000
A1 (Gain):	10.653332	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999932	Status:	OK.
Std Error of Est:	0.000467		
Predicted MDL:	0.000089		
Predicted MQL:	0.000297		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00207	.001	1
S1	.00500	.00540	.000	7.92	.05538	.001	1
S2	.12500	.12123	-.004	-3.02	1.2873	.010	1
S3	.25000	.24755	-.002	-.982	2.6308	.013	1
S4	.50000	.50659	.007	1.32	5.3862	.044	1
S5	1.0000	.99924	-.001	-.076	10.626	.027	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



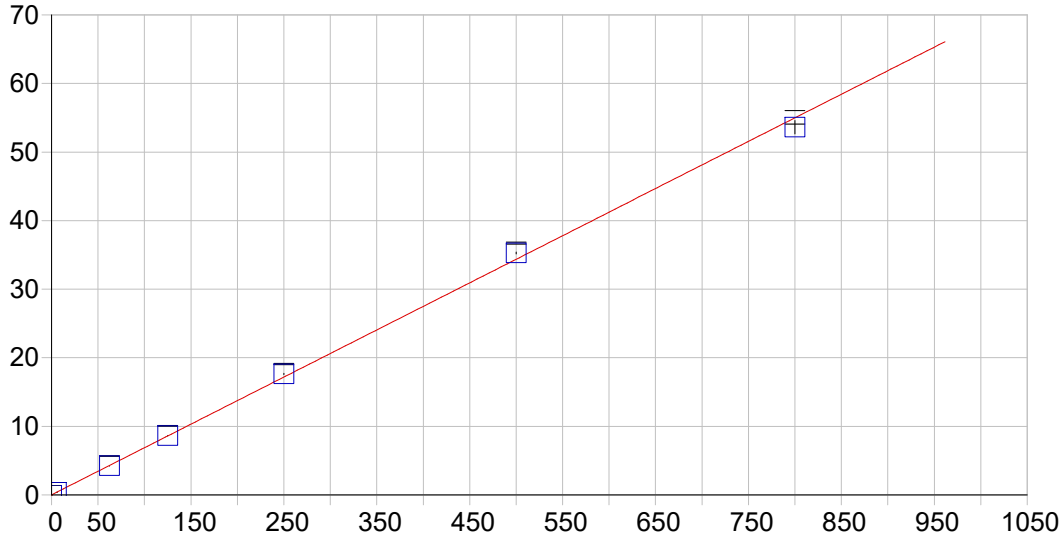
Cd 214.438 {457}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000447	Re-Slope:	1.000000
A1 (Gain):	1.910665	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999955	Status:	OK.
Std Error of Est:	0.000152		
Predicted MDL:	0.000150		
Predicted MQL:	0.000499		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00045	.000	1
S1	.00500	.00525	.000	5.04	.01049	.000	1
S2	.62500	.60591	-.019	-3.05	1.1610	.003	1
S3	1.2500	1.2496	-.000	-.035	2.3937	.001	1
S4	2.5000	2.5248	.025	.992	4.8360	.013	1
S5	5.0000	4.9945	-.006	-.111	9.5661	.011	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



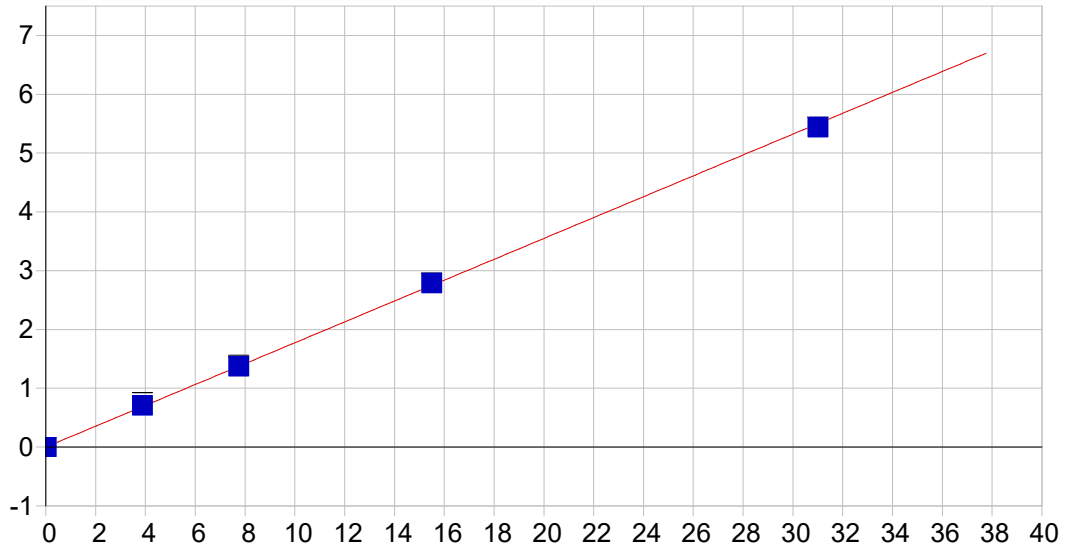
Ca 373.690 { 90}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.005899	Re-Slope:	1.000000
A1 (Gain):	0.068726	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999681	Status:	OK.
Std Error of Est:	0.006058		
Predicted MDL:	0.017926		
Predicted MQL:	0.059754		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00061	-.001	.000	.00586	.001	1
S1	5.0000	5.5201	.520	10.4	.38528	.001	1
S2	62.500	61.585	-.915	-1.46	4.2384	.020	1
S3	125.00	125.52	.524	.419	8.6327	.026	1
S4	250.00	256.81	6.81	2.72	17.655	.101	1
S5	500.00	513.21	13.2	2.64	35.277	.151	1
S6	800.00	779.86	-20.1	-2.52	53.603	.983	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



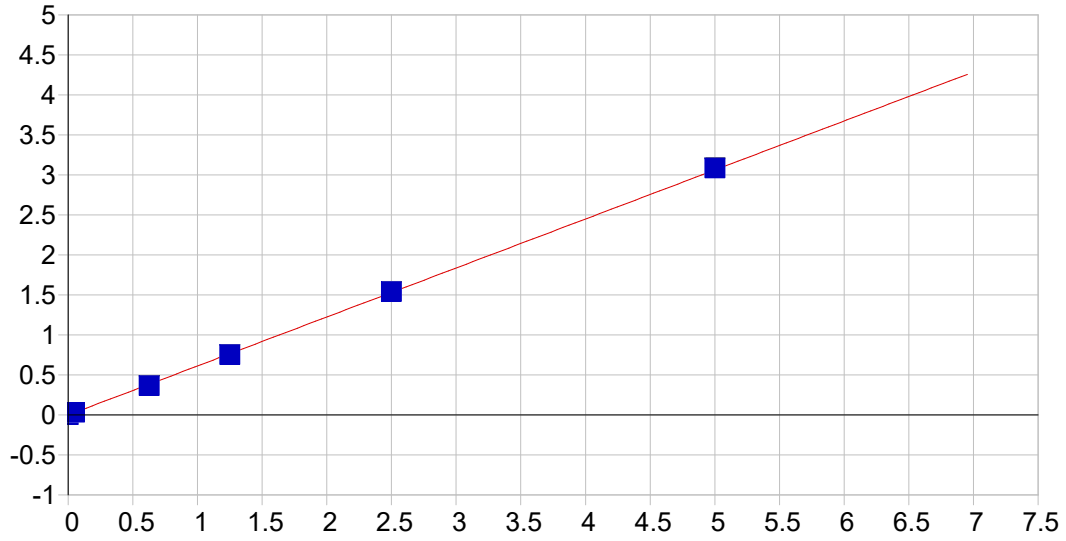
Cr 267.716 {126}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000061	Re-Slope:	1.000000
A1 (Gain):	0.177417	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999911	Status:	OK.
Std Error of Est:	0.000070		
Predicted MDL:	0.000956		
Predicted MQL:	0.003188		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00006	.000	1
S1	.01000	.01059	.001	5.90	.00182	.000	1
S2	3.8750	3.9927	.118	3.04	.70909	.047	1
S3	7.7500	7.7485	-.001	-.019	1.3762	.016	1
S4	15.500	15.720	.220	1.42	2.7921	.002	1
S5	31.000	30.663	-.337	-1.09	5.4462	.004	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



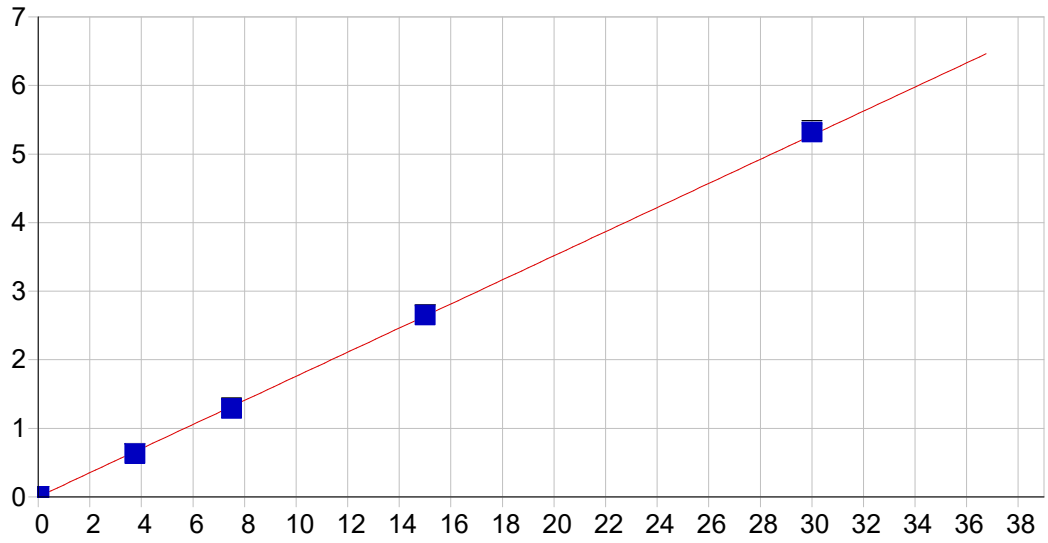
Co 228.616 {448}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000432	Re-Slope:	1.000000
A1 (Gain):	0.612393	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999879	Status:	OK.
Std Error of Est:	0.000253		
Predicted MDL:	0.000538		
Predicted MQL:	0.001795		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00043	.000	1
S1	.05000	.05134	.001	2.67	.03111	.000	1
S2	.62500	.59371	-.031	-5.01	.36362	.000	1
S3	1.2500	1.2294	-.021	-1.65	.75338	.001	1
S4	2.5000	2.5142	.014	.567	1.5411	.002	1
S5	5.0000	5.0364	.036	.727	3.0875	.006	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



Cu 324.754 {104}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001512	Re-Slope:	1.000000
A1 (Gain):	0.175764	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999870	Status:	OK.
Std Error of Est:	0.000130		
Predicted MDL:	0.004206		
Predicted MQL:	0.014020		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00151	.000	1
S1	.02500	.02039	-.005	-18.5	.00509	.000	1
S2	3.7500	3.5835	-.166	-4.44	.63095	.004	1
S3	7.5000	7.3320	-.168	-2.24	1.2894	.007	1
S4	15.000	15.081	.081	.542	2.6506	.009	1
S5	30.000	30.258	.258	.859	5.3164	.025	1

Reviewed By:Mohan
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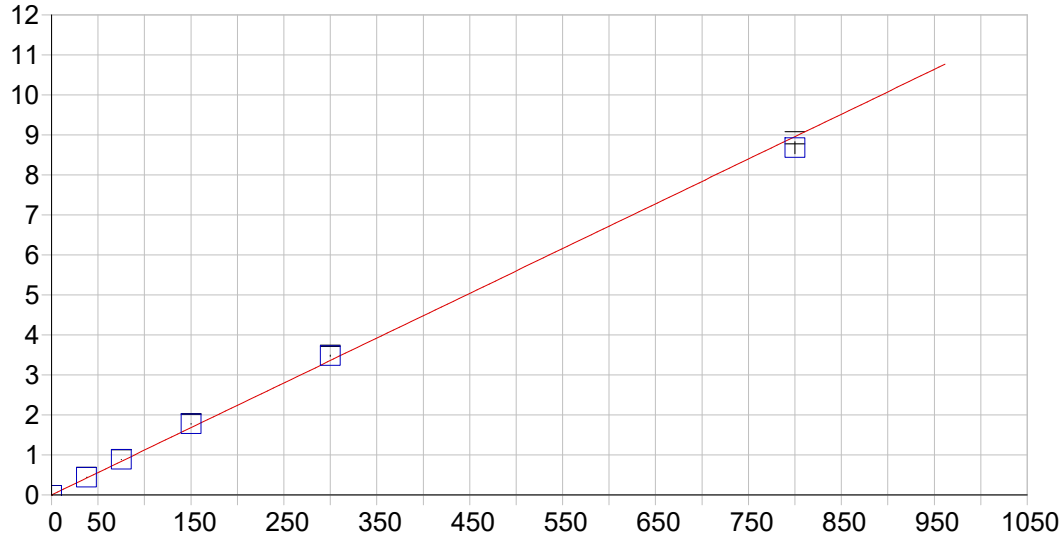
Inst Id :P5



Fe 259.837 {130}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000388	Re-Slope:	1.000000
A1 (Gain):	0.011196	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999296	Status:	OK.
Std Error of Est:	0.000183		
Predicted MDL:	0.032222		
Predicted MQL:	0.107406		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	.00039	.000	1
S1	.10000	.11771	.018	17.7	.00171	.000	1
S2	37.500	39.091	1.59	4.24	.43806	.002	1
S3	75.000	78.964	3.96	5.28	.88448	.005	1
S4	150.00	158.57	8.57	5.71	1.7758	.009	1
S5	300.00	310.68	10.7	3.56	3.4788	.014	1
S6	800.00	775.18	-24.8	-3.10	8.6795	.152	1

Reviewed By:Mohan
On:11/13/2024
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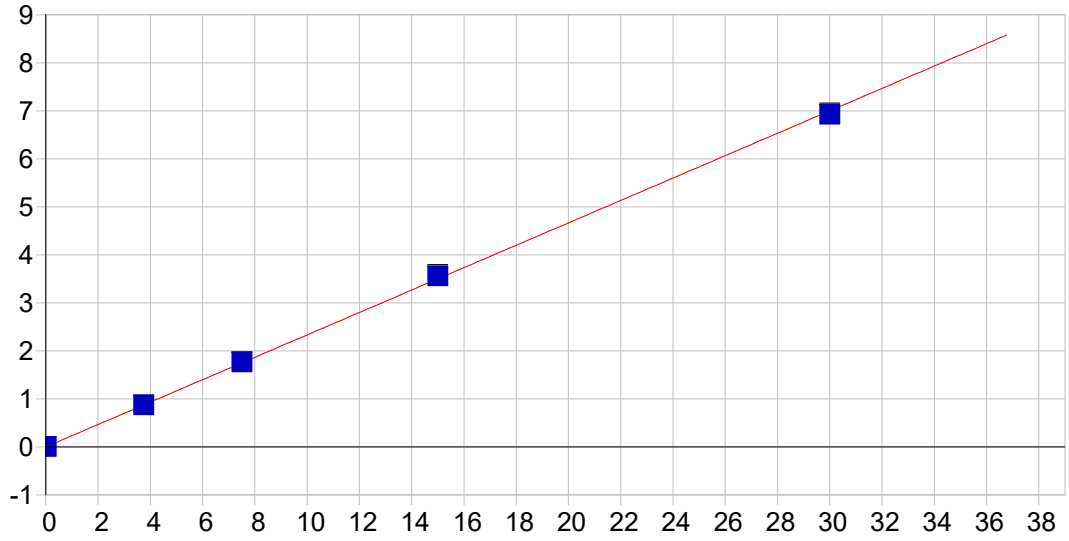
Inst Id :P5



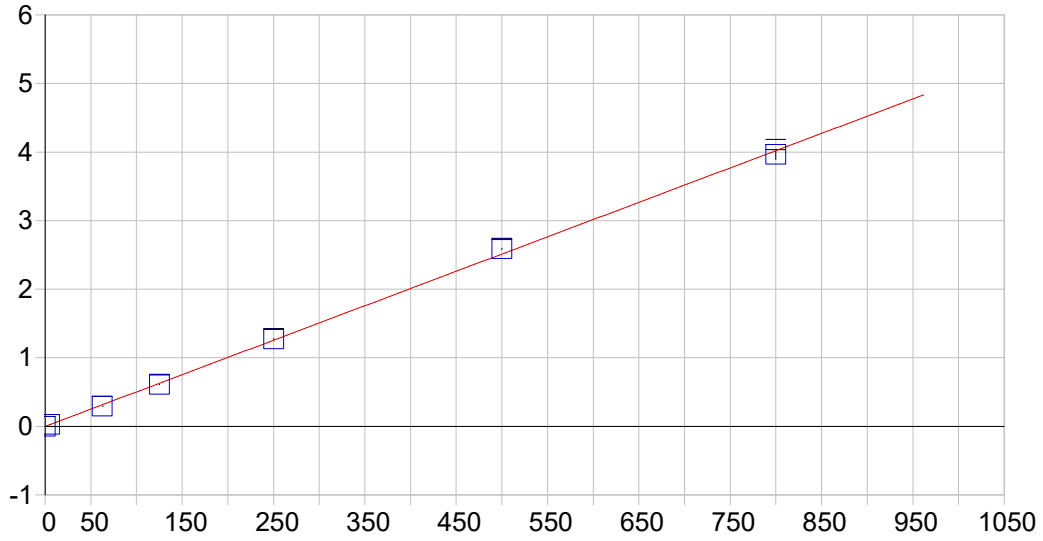
Mn 257.610 {131}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000159	Re-Slope:	1.000000
A1 (Gain):	0.233308	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999923	Status:	OK.
Std Error of Est:	0.000103		
Predicted MDL:	0.001655		
Predicted MQL:	0.005516		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.01500	.01666	.002	11.0	.00405	.000	1
S2	3.7500	3.7280	-.022	-.588	.87005	.003	1
S3	7.5000	7.5719	.072	.958	1.7670	.004	1
S4	15.000	15.258	.258	1.72	3.5605	.025	1
S5	30.000	29.690	-.310	-1.03	6.9282	.023	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



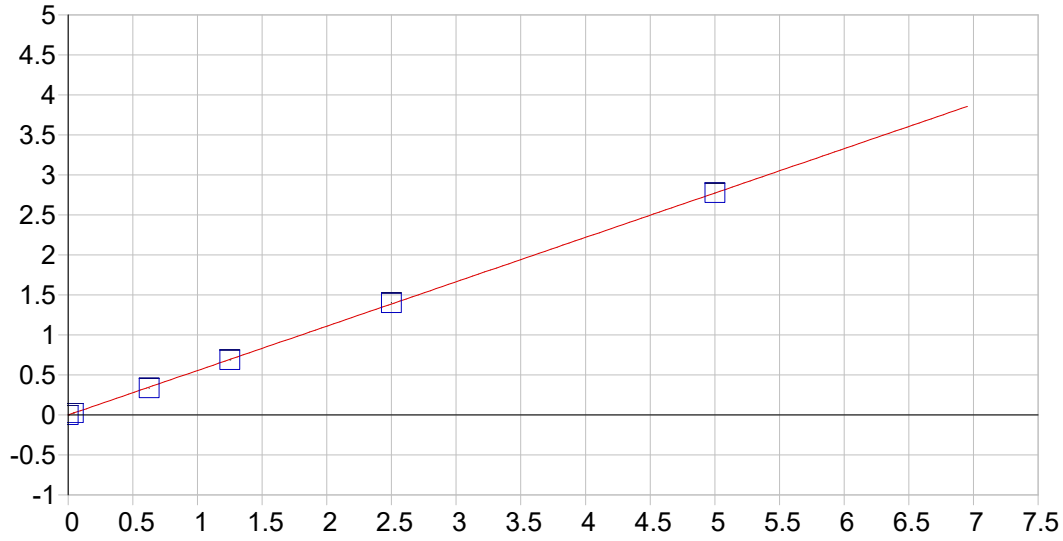
Mg 279.079 {121}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000258	Re-Slope:	1.000000
A1 (Gain):	0.005026	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999705	Status:	OK.
Std Error of Est:	0.000426		
Predicted MDL:	0.083733		
Predicted MQL:	0.279111		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00015	.000	.000	-.00026	.000	1
S1	5.0000	5.1609	.161	3.22	.02568	.000	1
S2	62.500	58.390	-4.11	-6.58	.29319	.000	1
S3	125.00	121.52	-3.48	-2.79	.61046	.003	1
S4	250.00	253.65	3.65	1.46	1.2745	.006	1
S5	500.00	514.96	15.0	2.99	2.5877	.009	1
S6	800.00	788.83	-11.2	-1.40	3.9641	.076	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



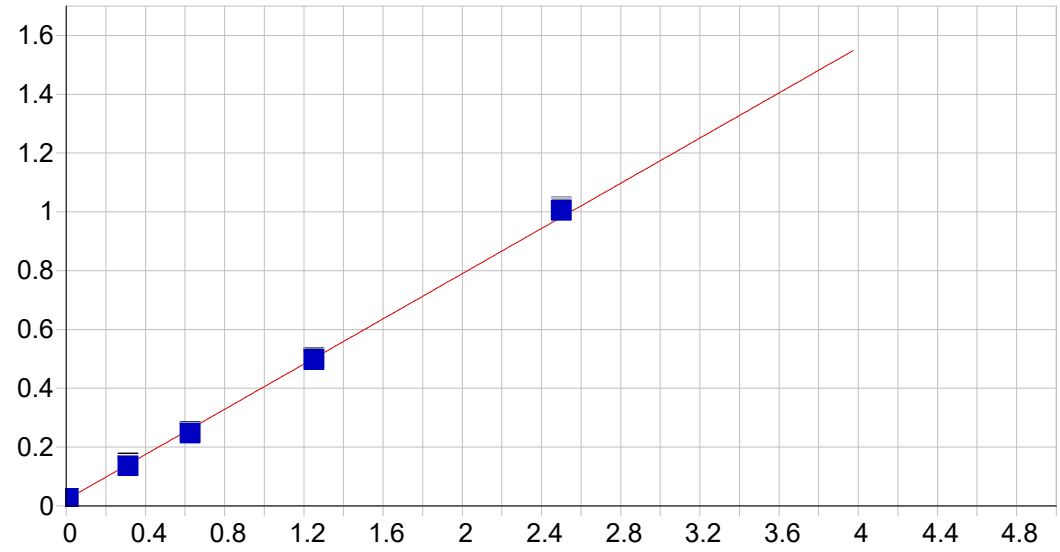
Ni 231.604 {446}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000123	Re-Slope:	1.000000
A1 (Gain):	0.554637	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000156		
Predicted MDL:	0.000623		
Predicted MQL:	0.002075		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.000	1
S1	.04000	.04293	.003	7.33	.02393	.000	1
S2	.62500	.60272	-.022	-3.57	.33441	.000	1
S3	1.2500	1.2422	-.008	-.625	.68908	.001	1
S4	2.5000	2.5252	.025	1.01	1.4007	.003	1
S5	5.0000	5.0019	.002	.038	2.7744	.003	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



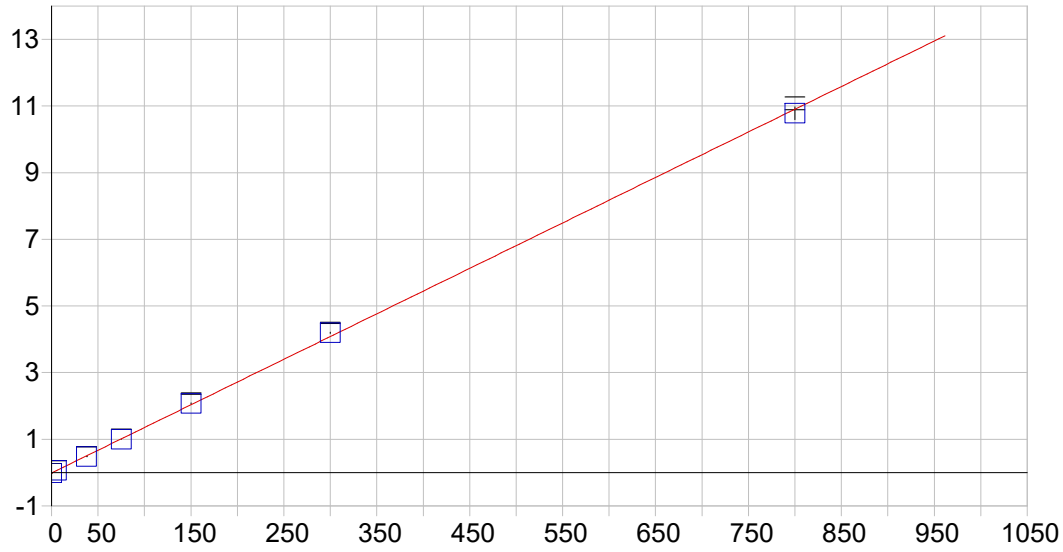
Ag 328.068 {103}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.021256	Re-Slope:	1.000000
A1 (Gain):	0.384334	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999556	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02126	.000	1
S1	.01000	.01060	.001	5.97	.02532	.000	1
S2	.31250	.29859	-.014	-4.45	.13731	.008	1
S3	.62500	.58886	-.036	-5.78	.25016	.002	1
S4	1.2500	1.2396	-.010	-.829	.50287	.001	1
S5	2.5000	2.5598	.060	2.39	1.0154	.002	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



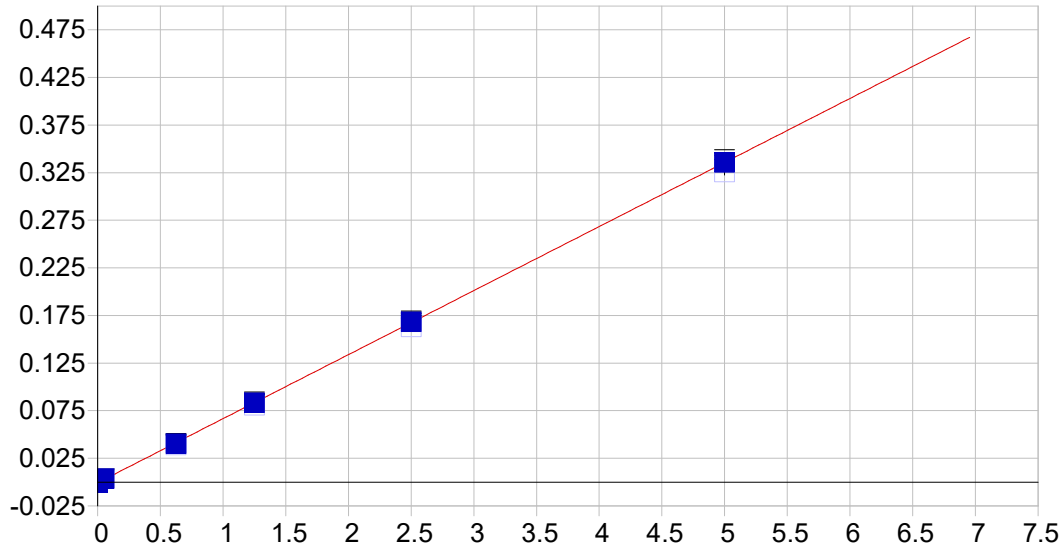
Na 818.326 { 41}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.011533	Re-Slope:	1.000000
A1 (Gain):	0.013644	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999820	Status:	OK.
Std Error of Est:	0.000800		
Predicted MDL:	0.271312		
Predicted MQL:	0.904374		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00037	-.000	.000	-.01154	.003	1
S1	5.0000	5.4643	.464	9.29	.06302	.003	1
S2	37.500	35.935	-1.56	-4.17	.47878	.001	1
S3	75.000	74.068	-.932	-1.24	.99908	.006	1
S4	150.00	152.71	2.71	1.81	2.0721	.016	1
S5	300.00	308.21	8.21	2.74	4.1937	.018	1
S6	800.00	791.12	-8.88	-1.11	10.783	.196	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



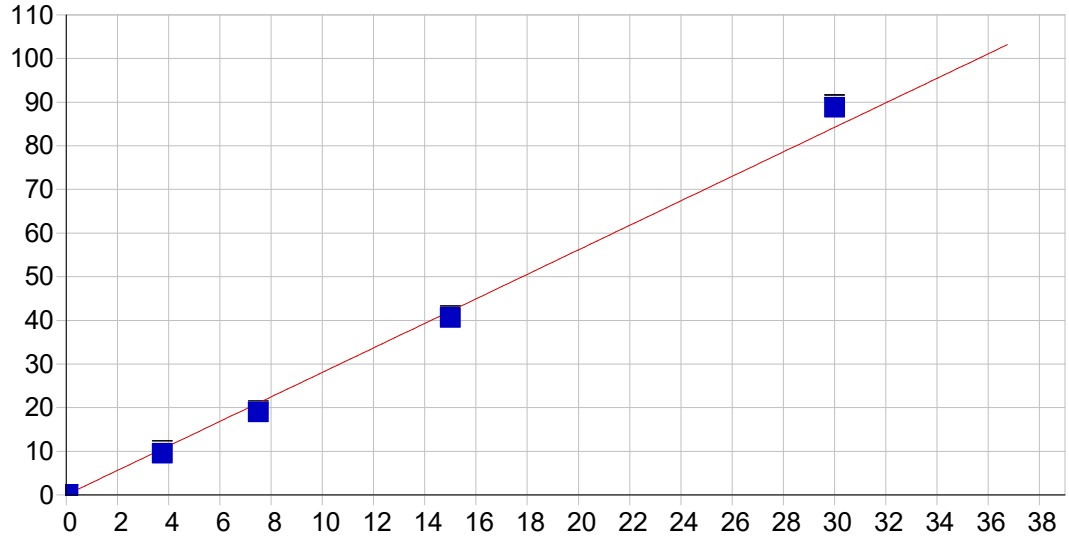
V 292.402 {115}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000667	Re-Slope:	1.000000
A1 (Gain):	0.067275	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999824	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.011108		
Predicted MQL:	0.037026		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00067	.000	1
S1	.05000	.06128	.011	22.6	.00345	.001	1
S2	.62500	.60698	-.018	-2.88	.03888	.000	1
S3	1.2500	1.2462	-.004	-.304	.08059	.001	1
S4	2.5000	2.5093	.009	.370	.16297	.001	1
S5	5.0000	5.0009	.001	.019	.32544	.003	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



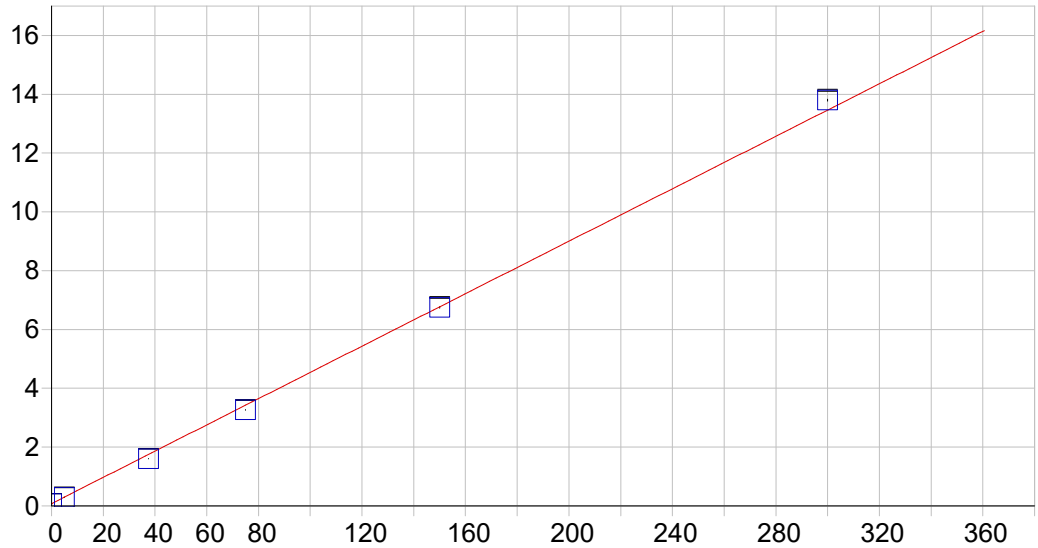
Zn 213.856 {158}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003534	Re-Slope:	1.000000
A1 (Gain):	2.807500	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998110	Status:	OK.
Std Error of Est:	0.012313		
Predicted MDL:	0.000464		
Predicted MQL:	0.001545		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00357	.001	1
S1	.06000	.05613	-.004	-6.45	.16193	.001	1
S2	3.7500	3.3958	-.354	-9.45	9.5499	.605	1
S3	7.5000	6.7564	-.744	-9.91	18.998	.254	1
S4	15.000	14.475	-.525	-3.50	40.694	.346	1
S5	30.000	31.626	1.63	5.42	88.896	.539	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



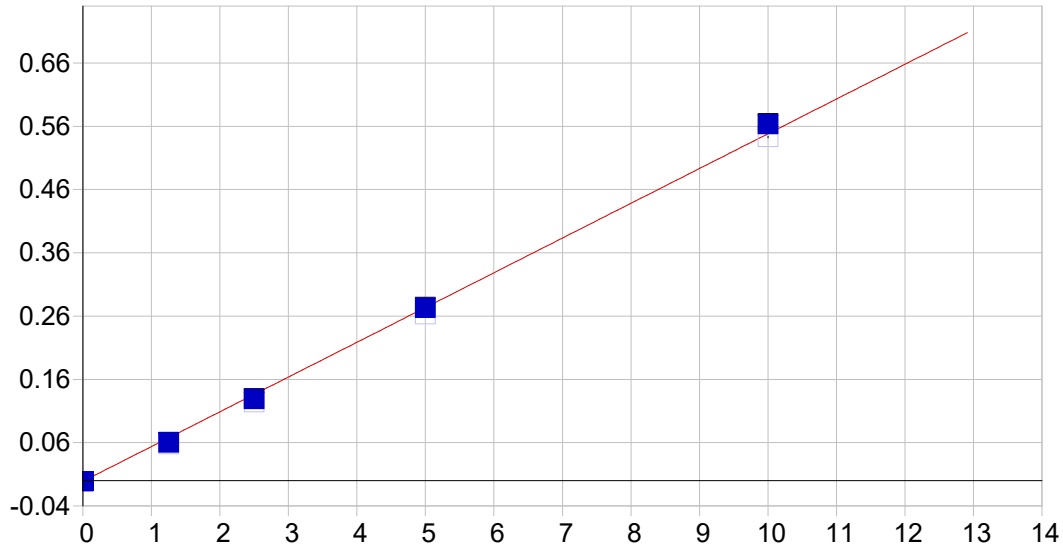
K 769.896 { 44}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.078986	Re-Slope:	1.000000
A1 (Gain):	0.044616	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999406	Status:	OK.
Std Error of Est:	0.003170		
Predicted MDL:	0.108540		
Predicted MQL:	0.361801		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00077	.001	.000	.07902	.005	1
S1	5.0000	4.8056	-.194	-3.89	.29339	.008	1
S2	37.500	34.104	-3.40	-9.06	1.6006	.005	1
S3	75.000	71.457	-3.54	-4.72	3.2671	.010	1
S4	150.00	149.58	-.421	-.281	6.7526	.029	1
S5	300.00	307.55	7.55	2.52	13.801	.033	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



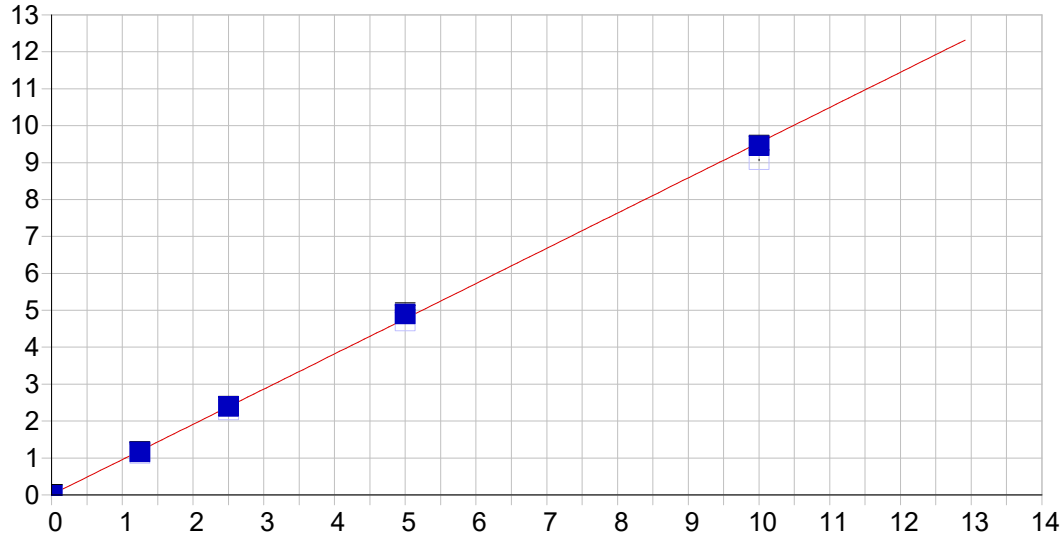
P 177.495 {490}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001123	Re-Slope:	1.000000
A1 (Gain):	0.054925	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999165	Status:	OK.
Std Error of Est:	0.000036		
Predicted MDL:	0.003512		
Predicted MQL:	0.011708		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00112	.000	1
S1	.01000	.00805	-.002	-19.5	-.00069	.000	1
S2	1.2500	1.1156	-.134	-10.7	.05763	.001	1
S3	2.5000	2.3709	-.129	-5.17	.12405	.000	1
S4	5.0000	4.9901	-.010	-.199	.26286	.001	1
S5	10.000	10.275	.275	2.75	.54306	.001	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



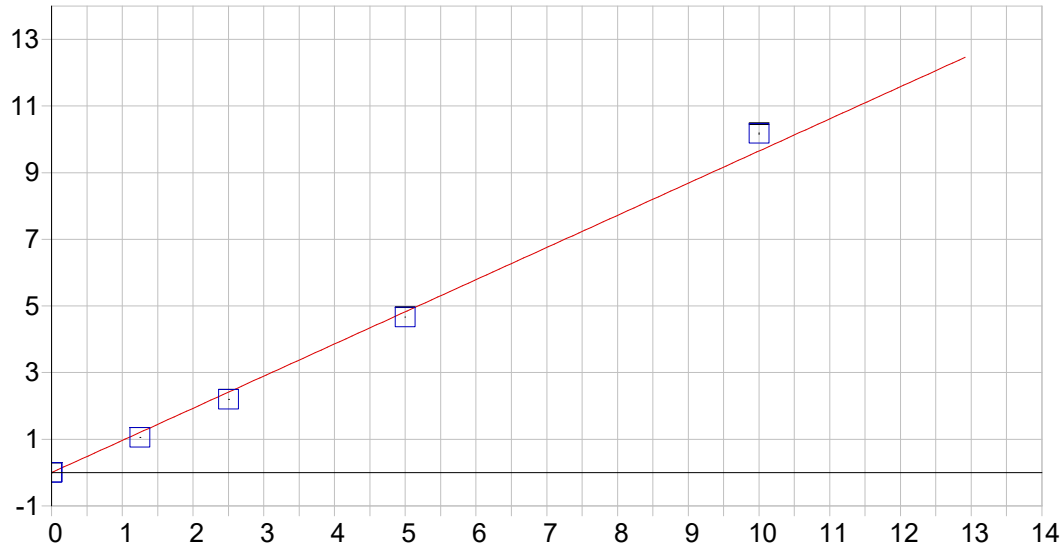
B 249.678 {135}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003717	Re-Slope:	1.000000
A1 (Gain):	0.953589	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999575	Status:	OK.
Std Error of Est:	0.000447		
Predicted MDL:	0.001140		
Predicted MQL:	0.003799		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00373	.000	1
S1	.01000	.00017	-.010	-98.3	.00380	.002	1
S2	1.2500	1.2161	-.034	-2.71	1.1153	.003	1
S3	2.5000	2.5020	.002	.079	2.2934	.014	1
S4	5.0000	5.1291	.129	2.58	4.7024	.035	1
S5	10.000	9.9129	-.087	-.871	9.0717	.018	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



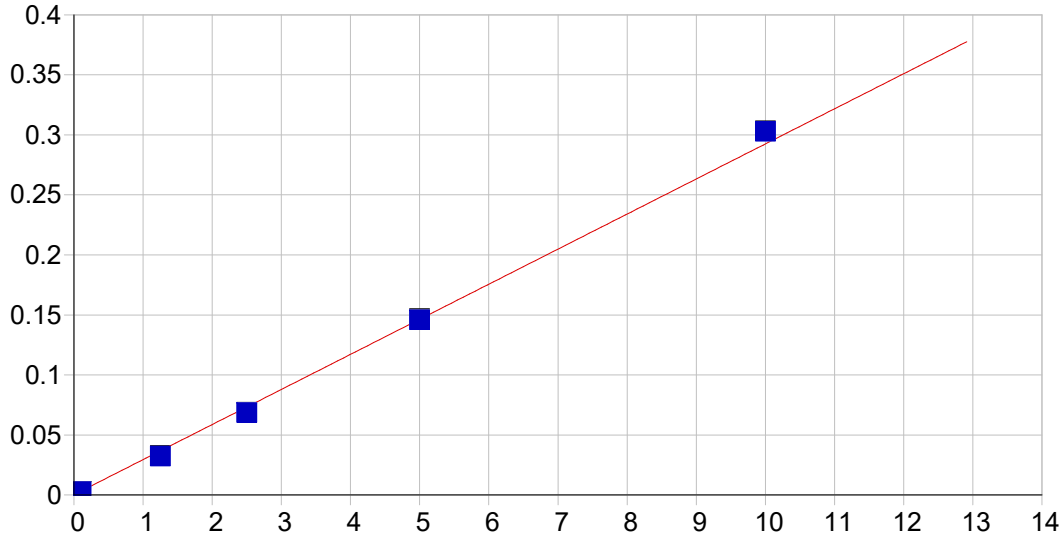
Mo 202.030 {467}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000261	Re-Slope:	1.000000
A1 (Gain):	0.964995	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998040	Status:	OK.
Std Error of Est:	0.001014		
Predicted MDL:	0.000482		
Predicted MQL:	0.001606		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.000	1
S1	.01000	.00996	-.000	-.372	.00935	.000	1
S2	1.2500	1.0938	-.156	-12.5	1.0553	.001	1
S3	2.5000	2.2814	-.219	-8.74	2.2013	.001	1
S4	5.0000	4.8321	-.168	-3.36	4.6627	.010	1
S5	10.000	10.543	.543	5.43	10.173	.025	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



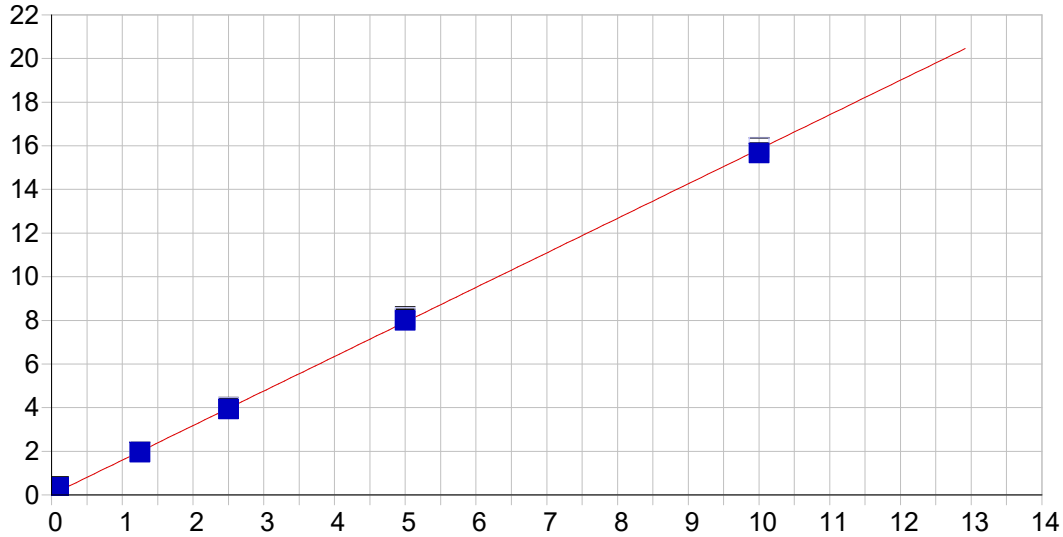
S 182.034 {485}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000231	Re-Slope:	1.000000
A1 (Gain):	0.029231	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998824	Status:	OK.
Std Error of Est:	0.000075		
Predicted MDL:	0.006383		
Predicted MQL:	0.021277		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	.00023	.000	1
S1	.10000	.08416	-.016	-15.8	.00269	.000	1
S2	1.2500	1.0999	-.150	-12.0	.03239	.000	1
S3	2.5000	2.3327	-.167	-6.69	.06842	.000	1
S4	5.0000	4.9786	-.021	-.428	.14578	.001	1
S5	10.000	10.355	.355	3.55	.30294	.000	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



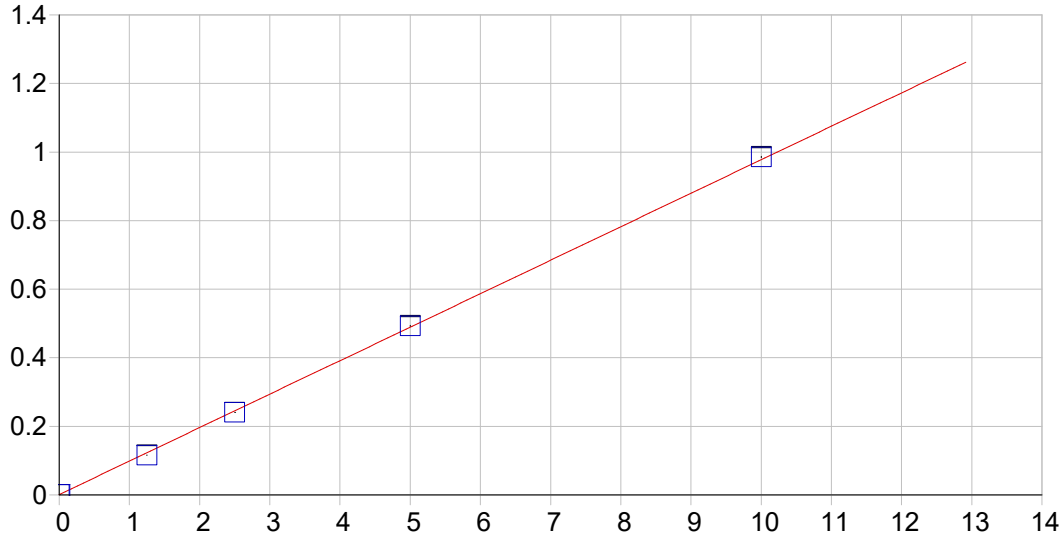
Si 251.611 {134}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.012223	Re-Slope:	1.000000
A1 (Gain):	1.582917	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.995823	Status:	OK.
Std Error of Est:	0.007837		
Predicted MDL:	0.000577		
Predicted MQL:	0.001924		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00012	-.000	.000	.01203	.001	1
S1	.10000	.22682	.127	127.	.37232	.002	1
S2	1.2500	1.2203	-.030	-2.38	1.9758	.010	1
S3	2.5000	2.4767	-.023	-.931	3.9967	.018	1
S4	5.0000	5.0426	.043	.852	8.1222	.054	1
S5	10.000	9.8848	-.115	-1.15	15.915	.014	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



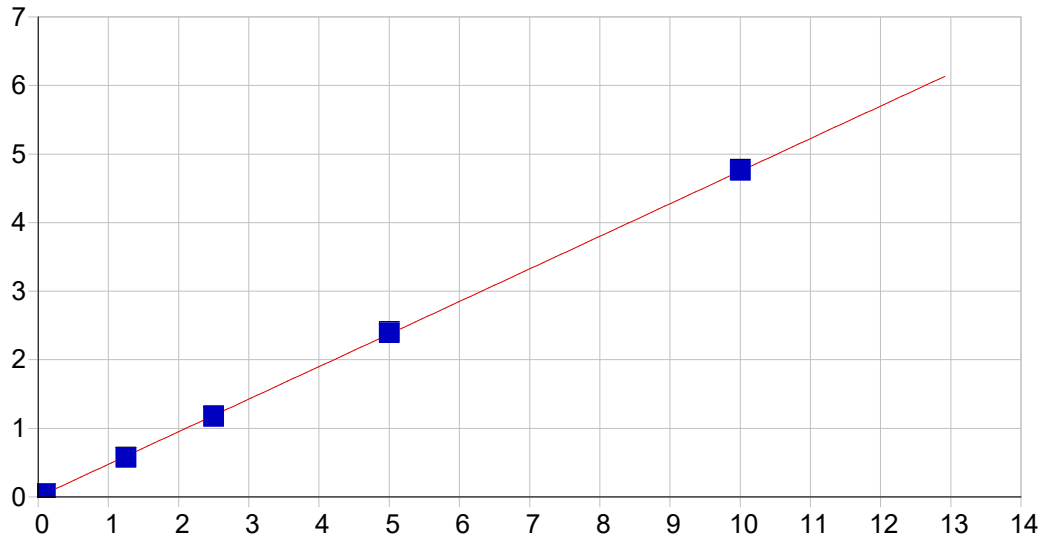
Sn 189.989 {478}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000992	Re-Slope:	1.000000
A1 (Gain):	0.097648	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999822	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.001888		
Predicted MQL:	0.006293		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00099	.000	1
S1	.00700	.00493	-.002	-29.5	.00147	.000	1
S2	1.2500	1.1761	-.074	-5.91	.11584	.001	1
S3	2.5000	2.4568	-.043	-1.73	.24089	.000	1
S4	5.0000	5.0358	.036	.717	.49273	.002	1
S5	10.000	10.083	.083	.833	.98561	.002	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



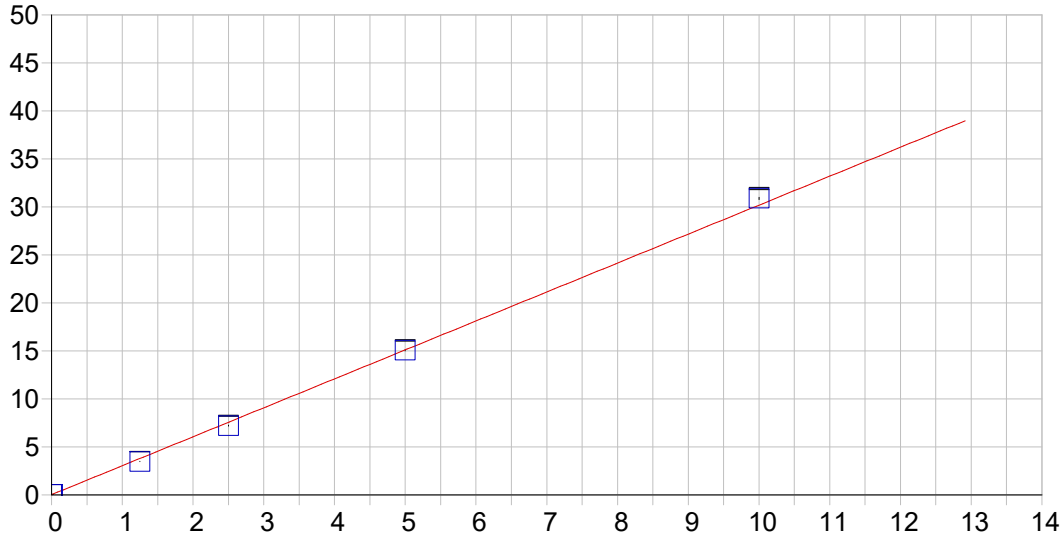
Ti 336.121 {100}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000717	Re-Slope:	1.000000
A1 (Gain):	0.474893	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000264		
Predicted MDL:	0.001810		
Predicted MQL:	0.006033		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.10000	.10112	.001	1.12	.04872	.001	1
S2	1.2500	1.2107	-.039	-3.14	.57539	.002	1
S3	2.5000	2.4695	-.030	-1.22	1.1729	.009	1
S4	5.0000	5.0442	.044	.884	2.3950	.012	1
S5	10.000	10.024	.024	.244	4.7589	.017	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



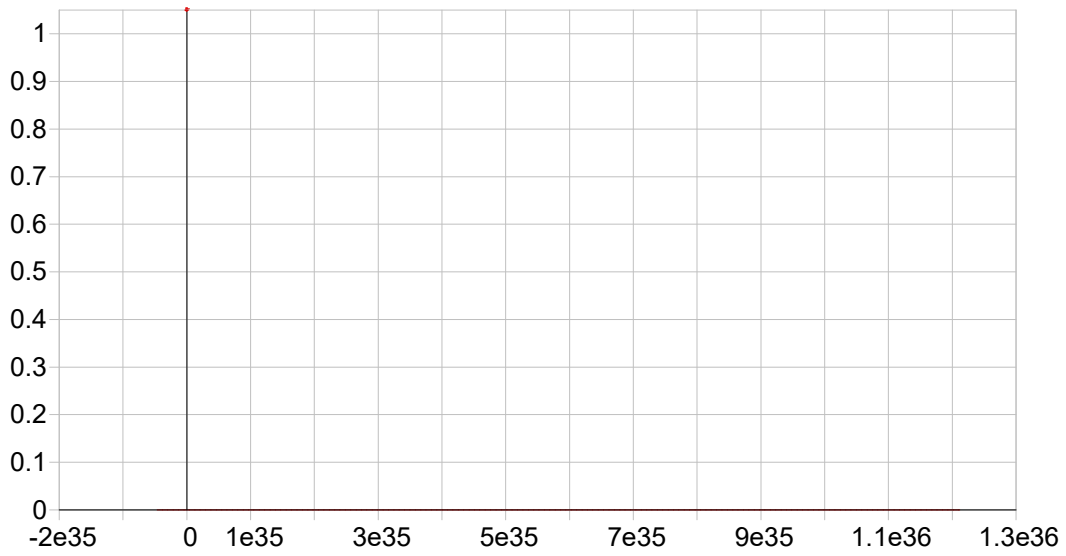
Li 670.784 { 50}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.025076	Re-Slope:	1.000000
A1 (Gain):	3.015839	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999470	Status:	OK.
Std Error of Est:	0.002017		
Predicted MDL:	0.001248		
Predicted MQL:	0.004159		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.02508	.004	1
S5	10.000	10.234	.234	2.34	30.889	.125	1
S4	5.0000	4.9887	-.011	-.226	15.070	.074	1
S3	2.5000	2.3819	-.118	-4.72	7.2086	.042	1
S2	1.2500	1.1451	-.105	-8.40	3.4784	.016	1
S1	.01500	.01554	.001	3.57	.07193	.003	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

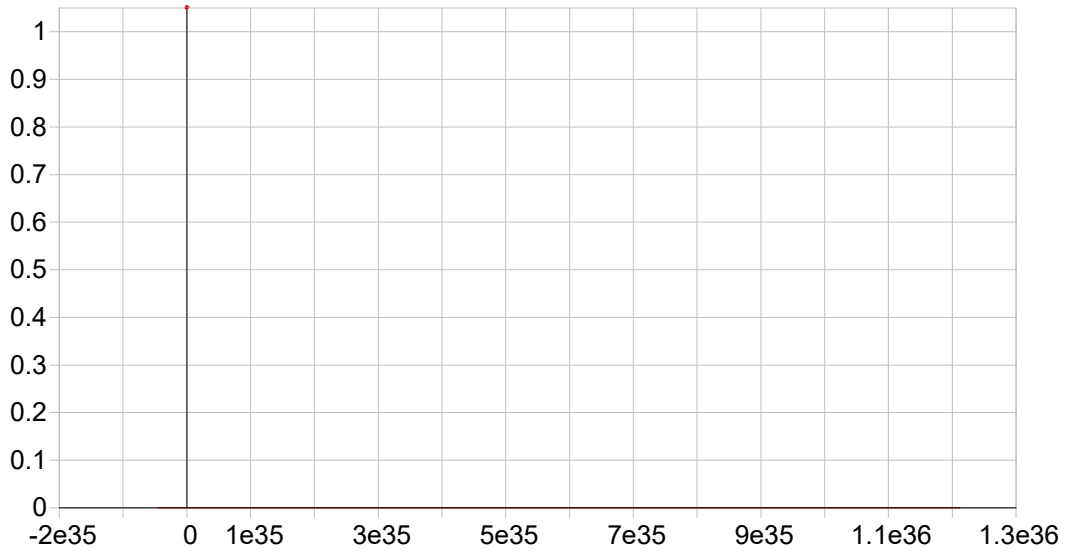


Y 224.306 {450}*

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

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

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



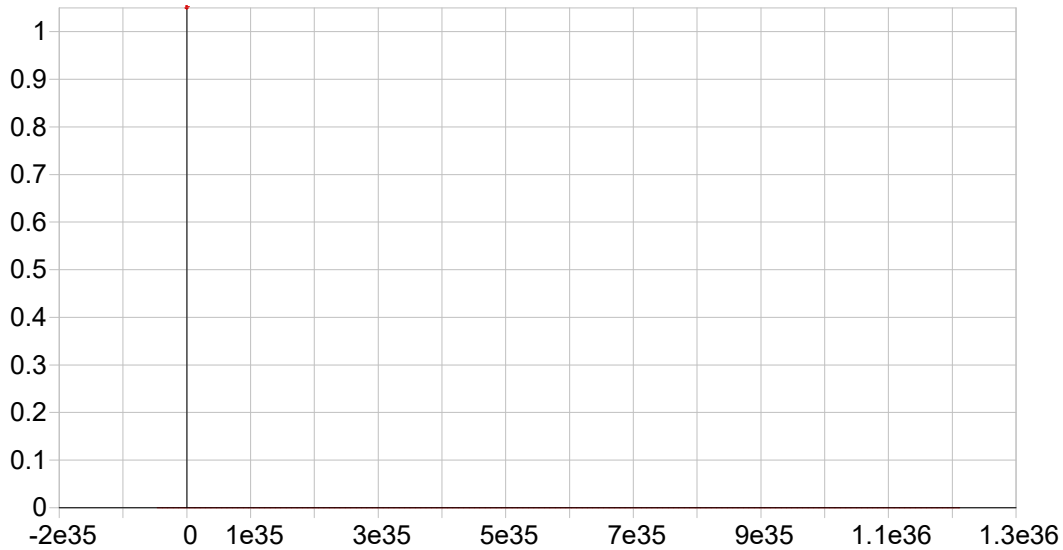
Y 360.073 { 94}*

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

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

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

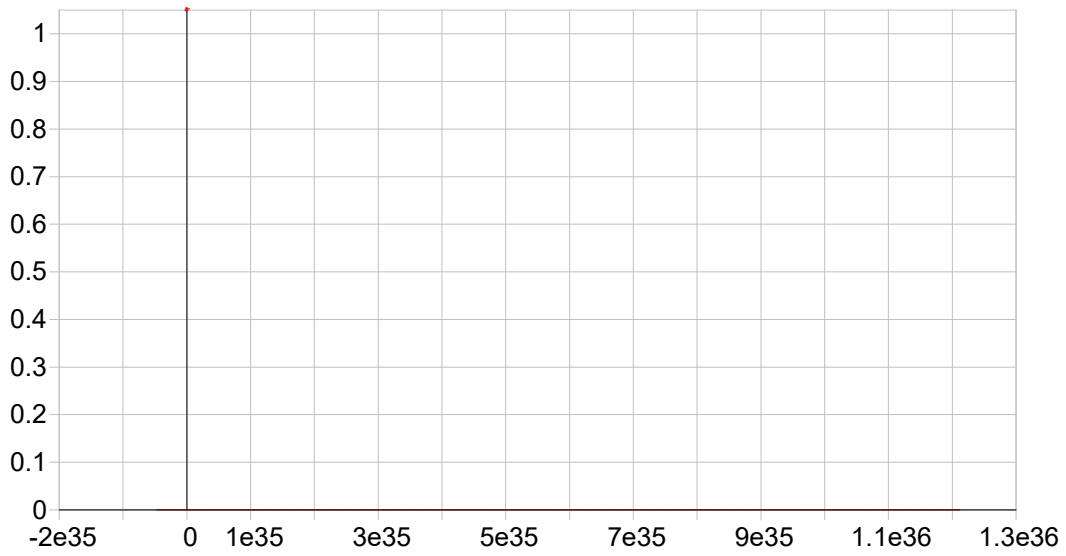
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**



Y 371.030 { 91}*

Date of Fit:	<not fit>		Type of Fit:	Linear	Weighting:	1/Conc	
A0 (Offset):		0.000000		Re-Slope:	1.000000		
A1 (Gain):		0.000000		Y-int:	0.000000		
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**

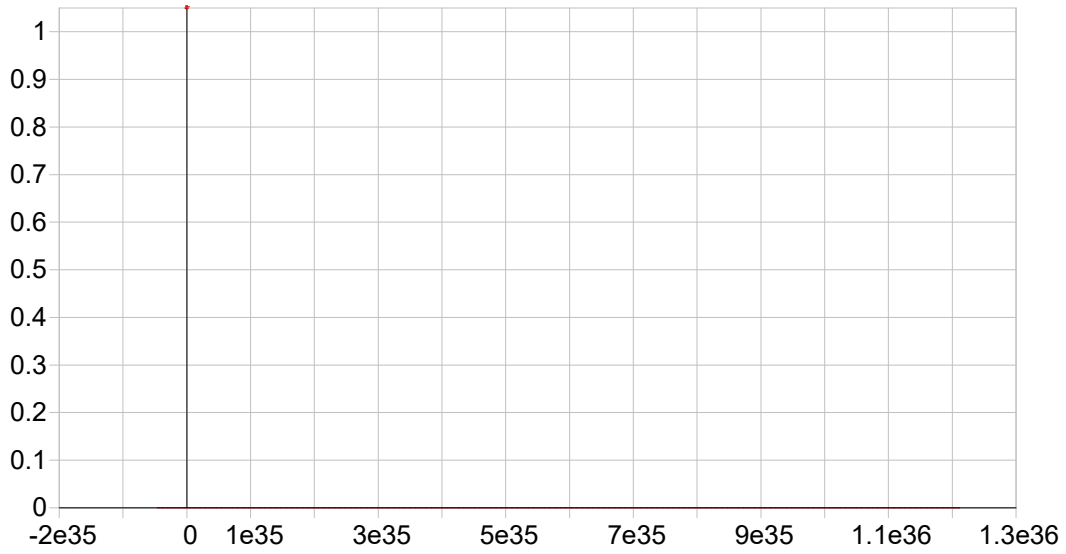
Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5



Y 224.306 {150}*

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

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



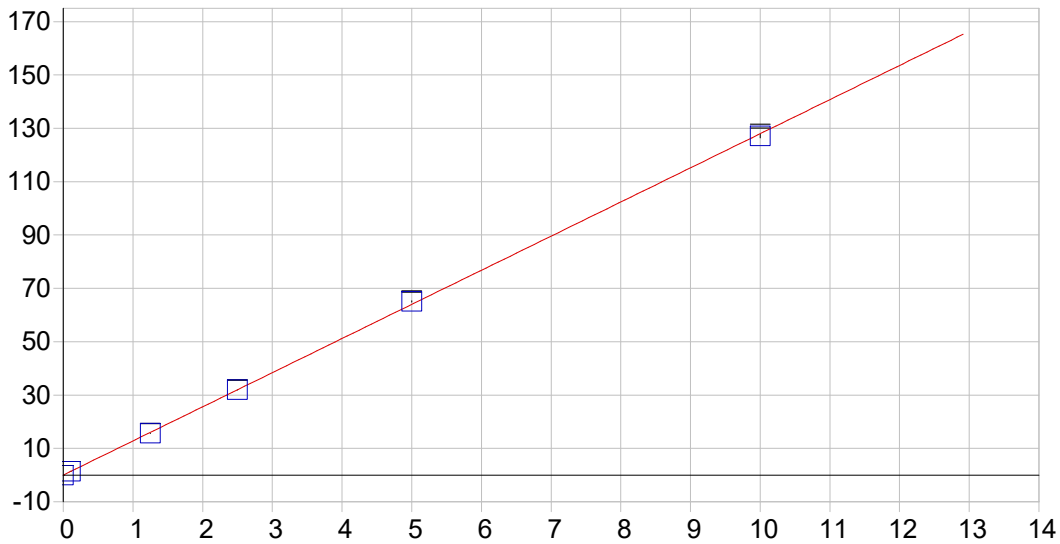
In 230.606 {446}*

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

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

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

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



Sr 407.771 { 83}

Date of Fit:	11/12/2024 21:50:39	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000260	Re-Slope:	1.000000
A1 (Gain):	12.797772	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999914	Status:	OK.
Std Error of Est:	0.008897		
Predicted MDL:	0.000112		
Predicted MQL:	0.000375		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00018	.002	1
S1	.10000	.10757	.008	7.57	1.3770	.009	1
S2	1.2500	1.2226	-.027	-2.19	15.647	.067	1
S3	2.5000	2.4964	-.004	-.145	31.948	.096	1
S4	5.0000	5.0896	.090	1.79	65.136	.257	1
S5	10.000	9.9338	-.066	-.662	127.13	.736	1

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S0 Acquired: 11/12/2024 21:15:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	.00006	-.00026	-.00055	.00014	-.00010	-.00193	-.00346	-.00207
Stddev	.00009	.00008	.00016	.00030	.00039	.00080	.00071	.00086
%RSD	166.07	29.154	29.825	212.63	386.39	41.697	20.606	41.297
#1	.00005	-.00023	-.00058	-.00020	-.00016	-.00170	-.00303	-.00124
#2	.00015	-.00035	-.00070	.00025	-.00046	-.00282	-.00428	-.00203
#3	-.00003	-.00020	-.00037	.00037	.00032	-.00126	-.00307	-.00295

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	.00045	.00586	-.00006	-.00043	.00151	.00039	.00016	-.00026
Stddev	.00024	.00072	.00024	.00009	.00015	.00007	.00021	.00032
%RSD	53.811	12.363	398.73	19.990	9.6261	18.941	131.50	123.12
#1	.00058	.00655	-.00034	-.00053	.00136	.00043	-.00001	-.00047
#2	.00017	.00511	.00004	-.00039	.00154	.00030	.00039	.00011
#3	.00059	.00591	.00012	-.00038	.00165	.00043	.00010	-.00041

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	.00012	.02126	-.01154	-.00067	.00357	.07902	-.00112	.00373
Stddev	.00019	.00016	.00345	.00044	.00117	.00452	.00012	.00044
%RSD	153.80	.75117	29.900	66.420	32.701	5.7230	10.714	11.799
#1	.00033	.02133	-.00989	-.00068	.00326	.07466	-.00107	.00351
#2	-.00002	.02137	-.01550	-.00110	.00259	.07871	-.00104	.00423
#3	.00005	.02107	-.00923	-.00022	.00487	.08369	-.00126	.00344

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00026	.00023	.01203	.00099	.00072	.02508	.00018
Stddev	.00015	.00008	.00054	.00024	.00041	.00351	.00205
%RSD	59.686	33.171	4.4847	24.200	56.490	13.980	1146.6
#1	-.00018	.00016	.01177	.00114	.00027	.02139	.00236
#2	-.00044	.00022	.01166	.00072	.00082	.02547	-.00013
#3	-.00016	.00031	.01265	.00113	.00106	.02837	-.00170

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S0 Acquired: 11/12/2024 21:15:10 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	880.96	23629.	2532.0	784.24	1782.6
Stddev	2.17	56.	3.6	.91	2.7
%RSD	.24580	.23873	.14218	.11664	.15312
#1	878.90	23593.	2529.0	784.30	1779.6
#2	880.77	23599.	2536.0	783.30	1784.8
#3	883.22	23694.	2531.0	785.13	1783.4

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S1 Acquired: 11/12/2024 21:19:44 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	.00048	.00140	.00091	.00288	.01163	.02012	1.4466	.05538
Stddev	.00019	.00022	.00024	.00059	.00052	.00057	.0081	.00062
%RSD	39.111	15.535	26.481	20.628	4.4519	2.8101	.55704	1.1167
#1	.00055	.00122	.00114	.00266	.01109	.01961	1.4395	.05499
#2	.00026	.00133	.00066	.00242	.01167	.02073	1.4450	.05507
#3	.00061	.00164	.00095	.00355	.01212	.02003	1.4553	.05610

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	.01049	.38528	.00182	.03111	.00509	.00171	.00405	.02568
Stddev	.00017	.00085	.00011	.00007	.00042	.00044	.00048	.00019
%RSD	1.6472	.22055	5.9824	.21471	8.2744	25.632	11.815	.75792
#1	.01033	.38608	.00185	.03103	.00558	.00123	.00452	.02574
#2	.01067	.38536	.00170	.03116	.00483	.00208	.00408	.02546
#3	.01047	.38439	.00191	.03114	.00487	.00181	.00356	.02583

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	.02393	.02532	.06302	.00345	.16193	.29339	-.00069	.00380
Stddev	.00044	.00010	.00333	.00086	.00150	.00760	.00005	.00180
%RSD	1.8216	.38135	5.2824	24.995	.92540	2.5893	7.8713	47.460
#1	.02353	.02542	.05981	.00276	.16097	.28680	-.00072	.00544
#2	.02387	.02522	.06646	.00317	.16366	.29169	-.00073	.00187
#3	.02440	.02531	.06280	.00441	.16117	.30170	-.00063	.00408

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00935	.00269	.37232	.00147	.04872	.07193	1.3770
Stddev	.00043	.00013	.00244	.00011	.00090	.00251	.0091
%RSD	4.5510	4.6848	.65635	7.6594	1.8535	3.4834	.66238
#1	.00886	.00278	.37001	.00146	.04797	.06906	1.3681
#2	.00963	.00274	.37208	.00137	.04972	.07305	1.3765
#3	.00957	.00255	.37488	.00159	.04847	.07367	1.3863

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S1 Acquired: 11/12/2024 21:19:44 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	882.57	23648.	2563.5	787.03	1763.3
Stddev	1.24	53.	14.3	2.61	4.1
%RSD	.14091	.22609	.55729	.33165	.23184
#1	881.25	23587.	2565.2	784.02	1758.6
#2	883.71	23683.	2576.9	788.65	1766.1
#3	882.76	23675.	2548.5	788.42	1765.3

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S2 Acquired: 11/12/2024 21:24:18 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	.03636	.08033	.85806	.08533	.23510	4.2362	16.379	1.2873
Stddev	.00009	.00061	.00116	.00046	.00178	.0193	.080	.0103
%RSD	.23937	.75690	.13508	.54376	.75785	.45597	.49027	.79873
#1	.03627	.08027	.85708	.08530	.23577	4.2503	16.437	1.2815
#2	.03637	.07975	.85776	.08580	.23645	4.2441	16.412	1.2812
#3	.03644	.08096	.85934	.08488	.23308	4.2142	16.287	1.2992

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1610	4.2384	.70909	.36362	.63095	.43806	.87005	.29319
Stddev	.0029	.0204	.04694	.00032	.00354	.00202	.00330	.00045
%RSD	.24512	.48161	6.6201	.08693	.56062	.46058	.37963	.15497
#1	1.1622	4.2354	.68598	.36398	.63291	.43982	.87250	.29339
#2	1.1578	4.2601	.67818	.36346	.63308	.43850	.87136	.29352
#3	1.1631	4.2196	.76311	.36341	.62687	.43586	.86630	.29267

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	.33441	.13731	.47878	.03888	9.5499	1.6006	.05763	1.1153
Stddev	.00049	.00823	.00090	.00043	.6049	.0050	.00072	.0031
%RSD	.14780	5.9956	.18721	1.1015	6.3342	.31225	1.2462	.27810
#1	.33489	.13303	.47778	.03924	9.2114	1.6015	.05756	1.1186
#2	.33391	.13210	.47953	.03840	9.1900	1.6050	.05695	1.1124
#3	.33443	.14680	.47902	.03899	10.248	1.5951	.05838	1.1149

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.0553	.03239	1.9758	.11584	.57539	3.4784	15.647
Stddev	.0013	.00029	.0104	.00068	.00193	.0159	.067
%RSD	.12621	.89444	.52733	.58824	.33627	.45720	.43094
#1	1.0550	.03215	1.9876	.11585	.57742	3.4900	15.705
#2	1.0541	.03230	1.9678	.11515	.57517	3.4848	15.661
#3	1.0567	.03271	1.9721	.11652	.57357	3.4603	15.573

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S2 Acquired: 11/12/2024 21:24:18 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	839.31	22509.	2533.9	715.41	1611.9
Stddev	.69	1239.	9.1	41.27	1.1
%RSD	.08236	5.5062	.35906	5.7695	.07012
#1	838.61	23118.	2525.7	737.59	1613.1
#2	839.35	23326.	2532.2	740.85	1612.0
#3	839.99	21083.	2543.7	667.78	1610.8

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S3 Acquired: 11/12/2024 21:28:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	.07665	.16413	1.7739	.17671	.49461	8.7466	33.587	2.6308
Stddev	.00037	.00021	.0023	.00093	.00166	.0370	.151	.0126
%RSD	.47975	.12925	.13206	.52892	.33515	.42332	.44989	.48021
#1	.07645	.16394	1.7715	.17673	.49504	8.7576	33.674	2.6285
#2	.07642	.16409	1.7741	.17577	.49277	8.7770	33.674	2.6444
#3	.07707	.16436	1.7761	.17764	.49600	8.7054	33.412	2.6195

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	2.3937	8.6327	1.3762	.75338	1.2894	.88448	1.7670	.61046
Stddev	.0014	.0264	.0162	.00063	.0073	.00453	.0041	.00326
%RSD	.05886	.30536	1.1746	.08366	.56948	.51163	.23198	.53341
#1	2.3926	8.6330	1.3851	.75401	1.2926	.88829	1.7694	.61211
#2	2.3932	8.6589	1.3860	.75275	1.2945	.88568	1.7693	.61255
#3	2.3953	8.6062	1.3575	.75338	1.2810	.87948	1.7623	.60670

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	.68908	.25016	.99908	.08059	18.998	3.2671	.12405	2.2934
Stddev	.00077	.00246	.00601	.00095	.254	.0104	.00014	.0138
%RSD	.11159	.98339	.60141	1.1782	1.3362	.31796	.11193	.60187
#1	.68965	.25126	1.0047	.08007	18.987	3.2739	.12391	2.3037
#2	.68938	.25189	.99980	.08168	19.257	3.2722	.12419	2.2987
#3	.68821	.24734	.99274	.08001	18.749	3.2551	.12405	2.2777

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.2013	.06842	3.9967	.24089	1.1729	7.2086	31.948
Stddev	.0010	.00028	.0182	.00019	.0090	.0420	.096
%RSD	.04336	.40530	.45435	.07751	.76989	.58286	.29905
#1	2.2002	.06861	4.0016	.24071	1.1735	7.2177	32.017
#2	2.2021	.06811	4.0119	.24108	1.1816	7.2453	31.989
#3	2.2015	.06856	3.9766	.24088	1.1636	7.1628	31.839

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S3 Acquired: 11/12/2024 21:28:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	799.80	22823.	2488.3	698.67	1527.1
Stddev	.19	178.	2.0	6.50	1.6
%RSD	.02390	.78167	.07951	.92963	.10775
#1	799.61	22717.	2488.5	699.65	1526.8
#2	799.80	22722.	2486.2	691.75	1525.7
#3	799.99	23029.	2490.1	704.63	1528.9

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S4 Acquired: 11/12/2024 21:32:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	.16103	.32900	3.5996	.37924	1.0661	18.168	68.967	5.3862
Stddev	.00078	.00054	.0052	.00054	.0040	.097	.235	.0439
%RSD	.48297	.16284	.14548	.14256	.37973	.53366	.34093	.81509
#1	.16039	.32864	3.5937	.37918	1.0631	18.061	68.707	5.3442
#2	.16190	.32874	3.6012	.37981	1.0646	18.195	69.031	5.3825
#3	.16082	.32961	3.6038	.37873	1.0707	18.249	69.164	5.4318

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	4.8360	17.655	2.7921	1.5411	2.6506	1.7758	3.5605	1.2745
Stddev	.0126	.101	.0022	.0024	.0089	.0089	.0252	.0060
%RSD	.26001	.57458	.08003	.15606	.33409	.50422	.70830	.47250
#1	4.8223	17.542	2.7896	1.5386	2.6432	1.7655	3.5345	1.2676
#2	4.8385	17.687	2.7938	1.5434	2.6482	1.7815	3.5622	1.2777
#3	4.8471	17.737	2.7929	1.5413	2.6604	1.7804	3.5849	1.2782

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	1.4007	.50287	2.0721	.16297	40.694	6.7526	.26286	4.7024
Stddev	.0026	.00124	.0157	.00128	.346	.0291	.00134	.0346
%RSD	.18226	.24692	.75569	.78504	.85141	.43173	.51097	.73644
#1	1.3982	.50162	2.0549	.16151	40.321	6.7207	.26155	4.6639
#2	1.4033	.50411	2.0756	.16388	40.757	6.7592	.26280	4.7121
#3	1.4007	.50287	2.0857	.16353	41.006	6.7779	.26423	4.7311

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.6627	.14578	8.1222	.49273	2.3950	15.070	65.136
Stddev	.0100	.00078	.0539	.00156	.0117	.074	.257
%RSD	.21449	.53838	.66322	.31646	.48761	.49083	.39479
#1	4.6514	.14512	8.0636	.49094	2.3827	14.986	64.868
#2	4.6662	.14556	8.1333	.49377	2.3963	15.101	65.160
#3	4.6704	.14665	8.1696	.49348	2.4060	15.124	65.381

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S4 Acquired: 11/12/2024 21:32:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	739.14	22013.	2435.5	615.52	1438.7
Stddev	.77	32.	11.8	4.16	1.2
%RSD	.10456	.14664	.48499	.67535	.08277
#1	739.85	21980.	2445.5	619.78	1439.8
#2	739.24	22045.	2438.6	615.31	1438.8
#3	738.32	22013.	2422.5	611.47	1437.5

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S5 Acquired: 11/12/2024 21:37:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	.33770	.63940	7.2213	.84233	2.4156	37.125	135.59	10.626
Stddev	.00025	.00090	.0124	.00346	.0043	.136	.52	.027
%RSD	.07273	.14126	.17126	.41132	.17745	.36514	.38103	.25507
#1	.33786	.63836	7.2080	.83892	2.4107	36.977	135.01	10.626
#2	.33782	.63985	7.2235	.84585	2.4180	37.243	135.75	10.653
#3	.33742	.64000	7.2325	.84221	2.4182	37.154	136.00	10.599

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	9.5661	35.277	5.4462	3.0875	5.3164	3.4788	6.9282	2.5877
Stddev	.0111	.151	.0036	.0060	.0250	.0143	.0228	.0089
%RSD	.11648	.42892	.06613	.19349	.46968	.40998	.32906	.34257
#1	9.5560	35.111	5.4434	3.0809	5.2884	3.4659	6.9064	2.5798
#2	9.5643	35.408	5.4503	3.0894	5.3364	3.4941	6.9519	2.5973
#3	9.5781	35.311	5.4450	3.0924	5.3243	3.4763	6.9262	2.5861

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7744	1.0154	4.1937	.32544	88.896	13.801	.54306	9.0717
Stddev	.0029	.0016	.0179	.00296	.539	.033	.00134	.0181
%RSD	.10270	.15638	.42661	.90982	.60681	.23751	.24745	.20004
#1	2.7726	1.0154	4.1740	.32366	88.906	13.765	.54155	9.0754
#2	2.7777	1.0170	4.2088	.32885	89.431	13.829	.54349	9.0877
#3	2.7728	1.0138	4.1984	.32379	88.352	13.808	.54414	9.0520

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.173	.30294	15.915	.98561	4.7589	30.889	127.13
Stddev	.025	.00039	.014	.00191	.0165	.125	.74
%RSD	.24554	.13034	.08768	.19349	.34706	.40331	.57887
#1	10.149	.30251	15.915	.98365	4.7398	30.745	127.02
#2	10.173	.30329	15.929	.98572	4.7685	30.971	126.45
#3	10.199	.30302	15.901	.98746	4.7683	30.949	127.91

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S5 Acquired: 11/12/2024 21:37:07 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	631.19	21192.	2414.7	490.02	1320.2
Stddev	1.56	41.	8.6	3.22	1.7
%RSD	.24675	.19350	.35676	.65664	.12874
#1	632.73	21210.	2418.8	489.71	1322.0
#2	631.24	21145.	2404.7	486.97	1319.9
#3	629.61	21221.	2420.4	493.39	1318.7

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: S6 Acquired: 11/12/2024 21:41:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) 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	92.714	53.603	8.6795	3.9641	10.783
Stddev	1.543	.983	.1524	.0756	.196
%RSD	1.6639	1.8341	1.7561	1.9061	1.8206
#1	93.689	53.961	8.7325	3.9922	10.868
#2	90.935	52.490	8.5076	3.8786	10.558
#3	93.517	54.356	8.7983	4.0217	10.922

Int. Std.	Y_3710
Units	Cts/S
Avg	2388.4
Stddev	43.4
%RSD	1.8191
#1	2368.4
#2	2438.2
#3	2358.5

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICV010 Acquired: 11/12/2024 22:11:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9276235	1.076579	.9944217	.9671169	.9255758	2.385872
Stddev	.0060671	.006848	.0035640	.0135174	.0052928	.013261
%RSD	.6540520	.6361175	.3583970	1.397702	.5718420	.5558314
#1	.9207133	1.068780	.9904741	.9515178	.9197319	2.401130
#2	.9300806	1.081610	.9953884	.9744462	.9269483	2.377120
#3	.9320768	1.079346	.9974026	.9753868	.9300472	2.379366

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5223256	.5241942	.5099486	10.22434	.5598176	.5005145
Stddev	.0001861	.0023751	.0009976	.03311	.0016907	.0009840
%RSD	.0356325	.4530989	.1956180	.3238376	.3020088	.1965892
#1	.5224486	.5235552	.5088902	10.20756	.5617651	.5005500
#2	.5224167	.5222039	.5108715	10.20299	.5589608	.4995132
#3	.5221115	.5268234	.5100841	10.26248	.5587268	.5014802

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4873106	10.92671	.5374735	5.451631	.5124812	.2385970
Stddev	.0069632	.01944	.0005517	.082440	.0012835	.0004291
%RSD	1.428896	.1779572	.1026479	1.512202	.2504392	.1798613
#1	.4793760	10.90711	.5372016	5.538765	.5115015	.2385522
#2	.4901519	10.94599	.5381084	5.374868	.5139340	.2390469
#3	.4924038	10.92704	.5371106	5.441259	.5120079	.2381921

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.30370	.5315076	.9407940	9.048902	F .0025662	F .0075417
Stddev	.22102	.0048324	.0031854	.068046	.0043531	.0006099
%RSD	2.145099	.9091905	.3385891	.7519822	169.6353	8.087062
#1	10.46534	.5304154	.9394924	9.037638	.0061462	.0068605
#2	10.39393	.5273148	.9444241	9.121877	.0038317	.0080369
#3	10.05184	.5367927	.9384654	8.987191	-.002279	.0077278

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICV010 Acquired: 11/12/2024 22:11:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000184	F .0036261	F .0009000	F -.002863	F -.000826	F .0004856
Stddev	.000171	.0054334	.0001368	.002933	.001669	.0013325
%RSD	93.06041	149.8409	15.19617	102.4597	202.1917	274.3931
#1	-.000020	-.001259	.0009871	-.005889	-.000502	-.000269
#2	-.000361	.002659	.0007424	-.002669	.000658	-.000298
#3	-.000169	.009478	.0009706	-.000031	-.002633	.002024

Elem	Sr4077
Units	ppm
Avg	F .0013401
Stddev	.0000461
%RSD	3.441637
#1	.0013632
#2	.0012870
#3	.0013702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.9292	23649.37	2536.772	781.0018	1753.544
Stddev	2.3499	61.03	6.555	4.6057	.891
%RSD	.2667554	.2580570	.2584155	.5897131	.0508181
#1	881.5444	23653.32	2539.301	781.7615	1753.890
#2	882.9104	23586.47	2541.687	776.0635	1754.210
#3	878.3329	23708.33	2529.329	785.1804	1752.532

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICB010 Acquired: 11/12/2024 22:18:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023140	-.002137	-.000020	.0008349	.0008411	.0199519	.0006923
Stddev	.0074502	.003303	.003427	.0017358	.0032298	.0130953	.0005926
%RSD	321.9607	154.5321	16810.11	207.9129	384.0221	65.63448	85.59794
#1	.0001954	-.003166	.003852	.0027561	-.000773	.0275236	.0012384
#2	.0105941	.001558	-.001249	.0003688	.004560	.0048307	.0000622
#3	-.003847	-.004804	-.002664	-.000620	-.001264	.0275013	.0007762

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000534	-.000104	.0133640	-.000241	.0000913	-.002994	-.030078
Stddev	.0000337	.000060	.0199739	.000577	.0002471	.003785	.027477
%RSD	63.08407	58.00483	149.4604	239.2043	270.6259	126.4468	91.35404
#1	.0000297	-.000128	.0109736	.000425	-.000185	-.000845	-.014481
#2	.0000919	-.000148	-.005307	-.000558	.000292	-.007364	-.013947
#3	.0000384	-.000035	.034426	-.000592	.000167	-.000771	-.061804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001783	-.014306	-.000463	.0000318	.1634082	.0067802	-.000310
Stddev	.000770	.121384	.000174	.0005853	.3975956	.0034122	.000333
%RSD	43.15524	848.5129	37.67175	1839.854	243.3143	50.32571	107.3795
#1	-.002417	.123436	-.000307	-.000147	-.221579	.0028740	-.000149
#2	-.000927	-.060712	-.000430	-.000443	.572514	.0082872	-.000694
#3	-.002007	-.105640	-.000651	.000686	.139289	.0091795	-.000089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0792626	.0002169	-.000524	.0001489	.0028568	-.000225	-.001598
Stddev	.0979374	.0047092	.000812	.0002942	.0081700	.000627	.000313
%RSD	123.5606	2171.095	154.8828	197.6255	285.9815	279.1289	19.56064
#1	.0021620	.0002893	.000340	.0002497	.0069862	-.000397	-.001241
#2	.0461655	.0048895	-.000641	-.000183	.0081379	-.000748	-.001821
#3	.1894603	-.004528	-.001271	.000379	-.006554	.000471	-.001731

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICB010 Acquired: 11/12/2024 22:18:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001742	.0020230	-.000043
Stddev	.000308	.0008797	.000038
%RSD	17.70302	43.48701	89.00959
#1	-.001772	.0012059	-.000087
#2	-.002034	.0029542	-.000025
#3	-.001419	.0019088	-.000017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.2906	23692.76	2519.074	783.6491	1794.420
Stddev	1.0337	12.14	10.807	5.3681	.829
%RSD	.1170324	.0512296	.4290247	.6850106	.0462065
#1	883.4336	23700.81	2531.546	783.7413	1794.753
#2	884.2454	23678.80	2512.482	778.2355	1795.032
#3	882.1929	23698.67	2513.193	788.9704	1793.477

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICSA010 Acquired: 11/12/2024 22:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013382	-.001775	-.000530	.0074608	.0036863	247.9518
Stddev	.0105928	.003323	.004414	.0149338	.0031302	5.7345
%RSD	791.6009	187.1973	832.9570	200.1637	84.91510	2.312751
#1	-.001040	-.004432	.002888	.0044290	.0052648	245.0849
#2	-.007863	.001951	-.005513	-.005724	.0000811	244.2161
#3	.012918	-.002844	.001036	.023678	.0057130	254.5544

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065135	-.000173	.0024042	257.9914	.0513465	.0016311
Stddev	.0007052	.000164	.0004103	5.0367	.0007404	.0013344
%RSD	10.82737	94.79257	17.06536	1.952273	1.442003	81.80601
#1	.0072828	.000011	.0021386	255.3672	.0509233	.0004333
#2	.0063601	-.000304	.0028768	254.8086	.0509148	.0013907
#3	.0058976	-.000226	.0021973	263.7983	.0522015	.0030694

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003360	107.8569	.0128224	251.5952	.0018319	.0021069
Stddev	.004969	2.0186	.0012160	4.6029	.0001243	.0002475
%RSD	147.8992	1.871546	9.483138	1.829483	6.782218	11.74623
#1	-.002596	106.7817	.0142221	248.5369	.0017130	.0023041
#2	-.008667	106.6035	.0122189	249.3598	.0018220	.0021875
#3	.001183	110.1855	.0120263	256.8889	.0019609	.0018292

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6613467	.0067112	.0125820	-.120563	.0039413	F .0706194
Stddev	.2611969	.0101113	.0000876	.027152	.0014500	.0004406
%RSD	39.49470	150.6614	.6962623	22.52135	36.79027	.6238894
#1	.4909724	.0082126	.0125904	-.108595	.0056144	.0702115
#2	.5310036	.0159879	.0126651	-.151644	.0030513	.0710867
#3	.9620641	-.004067	.0124905	-.101451	.0031580	.0705602

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICSA010 Acquired: 11/12/2024 22:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001249	.0138976	-.000598	F -.007240	-.002650	.0053353
Stddev	.000275	.0007079	.000285	.002111	.001242	.0006329
%RSD	22.03219	5.093837	47.73138	29.15534	46.88641	11.86248
#1	-.001298	.0131317	-.000744	-.004832	-.003206	.0060433
#2	-.001496	.0140331	-.000781	-.008769	-.001227	.0048244
#3	-.000952	.0145280	-.000269	-.008121	-.003517	.0051383

Elem	Sr4077
Units	ppm
Avg	F .1049697
Stddev	.0025804
%RSD	2.458255
#1	.1036646
#2	.1033025
#3	.1079420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	816.3735	22291.53	2458.026	733.7205	1492.772
Stddev	2.0204	56.51	32.453	2.8284	3.807
%RSD	.2474833	.2535149	1.320268	.3854815	.2550257
#1	814.5304	22317.40	2466.155	733.1419	1489.100
#2	818.5337	22330.48	2485.641	736.7935	1492.514
#3	816.0564	22226.72	2422.282	731.2263	1496.701

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICSAB010 Acquired: 11/12/2024 22:27:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1078550	.1043812	.0473650	.0494173	.5529966	251.1305
Stddev	.0066124	.0040864	.0057731	.0027759	.0028795	.9356
%RSD	6.130776	3.914850	12.18853	5.617307	.5207006	.3725418
#1	.1032696	.1087462	.0522512	.0525690	.5502335	250.2445
#2	.1154348	.1037506	.0488490	.0473355	.5527764	251.0380
#3	.1048605	.1006467	.0409948	.0483475	.5559798	252.1088

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5357150	.5345229	1.059779	261.8942	.6029329	.5226062
Stddev	.0006561	.0044299	.002230	1.9675	.0009055	.0019471
%RSD	.1224743	.8287637	.2103856	.7512515	.1501830	.3725789
#1	.5351604	.5335575	1.057207	260.4737	.6019587	.5205648
#2	.5355453	.5306552	1.060969	261.0689	.6037488	.5244428
#3	.5364393	.5393559	1.061162	264.1399	.6030914	.5228111

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4871548	109.6228	.5358776	255.0104	1.048371	.1907277
Stddev	.0074524	.5901	.0085430	1.3581	.001834	.0006964
%RSD	1.529783	.5383277	1.594202	.5325726	.1749195	.3651147
#1	.4790133	109.0409	.5261253	254.0761	1.046343	.1899246
#2	.4888121	109.6066	.5420392	254.3868	1.049912	.1911646
#3	.4936391	110.2208	.5394682	256.5683	1.048858	.1910939

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5383711	.5463610	.9314941	-.211620	F .0117635	F .0720669
Stddev	.2864219	.0061026	.0044946	.089848	.0051235	.0008766
%RSD	53.20157	1.116946	.4825117	42.45713	43.55425	1.216355
#1	.6950541	.5418949	.9314004	-.290533	.0078994	.0719246
#2	.7122702	.5438737	.9360348	-.113836	.0175752	.0730059
#3	.2077890	.5533144	.9270472	-.230490	.0098158	.0712701

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: ICSAB010 Acquired: 11/12/2024 22:27:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB010 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000533	.0101985	-.000551	-.005996	-.003143	.0030137
Stddev	.000218	.0041183	.000211	.003329	.001264	.0013195
%RSD	40.94861	40.38101	38.36096	55.51447	40.19624	43.78376
#1	-.000403	.0135518	-.000698	-.009638	-.003395	.0014946
#2	-.000785	.0114419	-.000645	-.005238	-.001773	.0036707
#3	-.000411	.0056018	-.000309	-.003111	-.004262	.0038757

Elem	Sr4077
Units	ppm
Avg	F .1061756
Stddev	.0002068
%RSD	.1947992
#1	.1061502
#2	.1059827
#3	.1063940

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	802.9329	22009.12	2442.002	721.6004	1472.079
Stddev	1.6219	51.33	17.284	5.5739	1.911
%RSD	.2019911	.2332141	.7077879	.7724400	.1298106
#1	803.5272	22050.13	2451.541	722.3855	1474.190
#2	804.1739	21951.56	2452.414	715.6755	1470.467
#3	801.0978	22025.66	2422.050	726.7401	1471.581

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV064 Acquired: 11/12/2024 22:31:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.030357	4.813524	24.54614	4.717701	4.770113	407.0507	10.14825
Stddev	.002713	.013946	.02301	.012781	.006298	.8737	.01535
%RSD	.0539239	.2897250	.0937396	.2709074	.1320204	.2146355	.1512581
#1	5.029500	4.813655	24.55599	4.703189	4.776534	408.0469	10.16438
#2	5.028176	4.827405	24.56259	4.727278	4.763947	406.4148	10.13383
#3	5.033394	4.799513	24.51985	4.722636	4.769857	406.6905	10.14652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5000209	2.499409	415.3136	15.16390	2.491851	15.03118	416.6236
Stddev	.0031971	.003263	1.2833	.04854	.004373	.00157	2.1574
%RSD	.6393940	.1305390	.3090029	.3200963	.1755064	.0104771	.5178393
#1	.5036930	2.503173	416.7828	15.15687	2.493261	15.02938	419.0563
#2	.4985143	2.497654	414.4113	15.11926	2.495346	15.03232	415.8721
#3	.4978555	2.497399	414.7468	15.21557	2.486947	15.03183	414.9425

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90150	413.7005	2.463793	1.243215	411.9591	2.522667	14.37978
Stddev	.02507	1.1227	.010172	.001533	.4561	.008347	.03949
%RSD	.1682280	.2713796	.4128633	.1233096	.1107101	.3308914	.2746008
#1	14.89325	414.9591	2.473107	1.242783	412.4848	2.531524	14.34198
#2	14.88158	412.8021	2.465335	1.241945	411.6681	2.514947	14.42076
#3	14.92965	413.3403	2.452938	1.244918	411.7245	2.521530	14.37660

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.0108	4.970078	5.070173	4.716776	4.991207	5.009603	4.957879
Stddev	.2575	.002687	.029402	.007975	.014238	.029933	.026603
%RSD	.1671937	.0540656	.5798941	.1690788	.2852591	.5975152	.5365899
#1	154.2934	4.969111	5.103751	4.714043	4.975390	5.041805	4.983778
#2	153.7895	4.973115	5.057725	4.710526	4.995233	5.004376	4.959238
#3	153.9494	4.968009	5.049043	4.725758	5.002999	4.982627	4.930623

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV064 Acquired: 11/12/2024 22:31:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.014228	5.079538	5.089462
Stddev	.010106	.004266	.005120
%RSD	.2015552	.0839743	.1005956
#1	5.025898	5.084096	5.095041
#2	5.008443	5.075642	5.084979
#3	5.008345	5.078877	5.088364

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	702.7533	21260.01	2379.356	593.3489	1338.693
Stddev	.9826	88.04	11.096	1.7121	2.571
%RSD	.1398215	.4140880	.4663331	.2885474	.1920811
#1	702.4670	21293.16	2366.552	595.2488	1335.935
#2	703.8473	21326.65	2385.382	591.9257	1339.123
#3	701.9456	21160.21	2386.136	592.8721	1341.023

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB064 Acquired: 11/12/2024 22:45:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029424	.0007145	-.001553	-.001384	.0007846	.0215223	.0008013
Stddev	.0034863	.0017903	.001872	.004747	.0016653	.0102887	.0003243
%RSD	118.4846	250.5562	120.5462	343.0992	212.2550	47.80469	40.46914
#1	.0062269	-.001035	-.000971	-.005047	.0003588	.0230281	.0009827
#2	.0033158	.000635	-.000041	.003980	.0026215	.0105637	.0004269
#3	-.000716	.002543	-.003646	-.003083	-.000626	.0309751	.0009943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001095	.0000210	.0260928	.0002525	.0001027	-.001301	.0014627
Stddev	.0000224	.0002219	.0116661	.0006629	.0001225	.004048	.0082716
%RSD	20.47317	1055.585	44.70992	262.5383	119.3764	311.1065	565.5104
#1	.0001298	.0000398	.0393474	-.000383	.0002263	.002665	-.005606
#2	.0001132	-.000210	.0215475	.000940	-.000019	-.001143	-.000566
#3	.0000854	.000233	.0173836	.000201	.000100	-.005426	.010560

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000470	-.030327	-.000442	-.000489	.3189502	.0065935	.0001223
Stddev	.0011657	.054111	.000193	.000210	.2834729	.0082600	.0002712
%RSD	2477.734	178.4237	43.67607	42.83296	88.87684	125.2737	221.7249
#1	.0008031	-.087642	-.000299	-.000614	.6410088	.0152162	-.000042
#2	.0006334	-.023216	-.000662	-.000247	.1072692	-.001248	.000435
#3	-.001295	.019876	-.000366	-.000607	.2085727	.005813	-.000027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080730	-.001948	.0006176	.0005849	.0032958	.0007721	-.000981
Stddev	.1439675	.002198	.0006906	.0002764	.0070926	.0003477	.000524
%RSD	1783.316	112.8062	111.8110	47.25692	215.2017	45.03219	53.37227
#1	.1365938	-.004167	.0004342	.0006573	-.003253	.0010931	-.000812
#2	-.147502	.000229	.0013814	.0008180	.010830	.0008204	-.000563
#3	.035128	-.001908	.0000373	.0002795	.002311	.0004028	-.001568

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB064 Acquired: 11/12/2024 22:45:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0012455	.0019135	.0001214
Stddev	.0006857	.0021681	.0001119
%RSD	55.05667	113.3081	92.11951
#1	.0004697	-.000584	.0002160
#2	.0014963	.003312	.0001503
#3	.0017705	.003013	-.000002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.0343	23577.98	2529.211	786.9812	1774.195
Stddev	1.4055	84.46	3.670	6.8106	4.395
%RSD	.1591629	.3582109	.1451189	.8654143	.2477373
#1	884.6549	23481.04	2526.743	780.4945	1779.270
#2	882.1490	23617.20	2527.461	786.3741	1771.644
#3	882.2990	23635.70	2533.429	794.0751	1771.670

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-17DLX2 Acquired: 11/12/2024 22:50:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4X4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4384248	.0156029	.2967355	-.006197	.0130633	120.1498	1.781168
Stddev	.0072077	.0050982	.0010992	.005684	.0028790	.4569	.004014
%RSD	1.644005	32.67454	.3704417	91.72435	22.03912	.3802890	.2253320
#1	.4452103	.0106212	.2965228	-.005775	.0145237	120.0951	1.782046
#2	.4392057	.0208101	.2957581	-.012081	.0149194	120.6316	1.784670
#3	.4308584	.0153774	.2979255	-.000736	.0097467	119.7227	1.776788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038188	.0194028	22.50255	.3143898	.1913609	.8375829	337.9724
Stddev	.0001142	.0002312	.16427	.0009044	.0009726	.0090429	1.5613
%RSD	2.990605	1.191661	.7299933	.2876535	.5082419	1.079648	.4619697
#1	.0036998	.0194786	22.37479	.3136410	.1905788	.8366135	337.1573
#2	.0038289	.0191432	22.68784	.3153945	.1910540	.8470715	339.7726
#3	.0039276	.0195866	22.44501	.3141338	.1924499	.8290637	336.9872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.725191	58.55201	.3969804	-.025418	1.615579	.6898714	.7390205
Stddev	.039223	.45452	.0017132	.000559	.222591	.0077772	.0015219
%RSD	.5077302	.7762610	.4315682	2.200748	13.77780	1.127342	.2059301
#1	7.695069	58.47791	.3978768	-.026033	1.532742	.6856174	.7378442
#2	7.769543	59.03902	.3980595	-.025283	1.446283	.6851491	.7407393
#3	7.710962	58.13910	.3950049	-.024939	1.867711	.6988477	.7384780

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.73657	5.521217	.2435712	-.001420	.8032519	7.750466	.0026485
Stddev	.05093	.010006	.0008892	.000954	.0122983	.056636	.0019616
%RSD	.2718447	.1812332	.3650827	67.19549	1.531065	.7307476	74.06543
#1	18.69196	5.528072	.2437088	-.001807	.8145563	7.705746	.0005018
#2	18.79207	5.525845	.2426212	-.000333	.8050432	7.814151	.0030959
#3	18.72569	5.509735	.2443837	-.002119	.7901562	7.731502	.0043478

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-17DLX2 Acquired: 11/12/2024 22:50:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4X4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.300523	.1105490	.2908122
Stddev	.009254	.0014508	.0007308
%RSD	.2803823	1.312348	.2513025
#1	3.300658	.1115680	.2907993
#2	3.309709	.1111911	.2915494
#3	3.291202	.1088880	.2900879

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	938.5068	25604.19	2784.629	839.4033	1628.770
Stddev	1.0652	105.78	20.445	2.8055	2.206
%RSD	.1134988	.4131361	.7342161	.3342282	.1354285
#1	937.6964	25716.89	2798.681	840.5258	1626.485
#2	939.7133	25507.06	2761.174	836.2103	1628.940
#3	938.1106	25588.62	2794.031	841.4738	1630.887

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4484-14DLX2 Acquired: 11/12/2024 22:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2940460	.0125194	.3482314	-.003832	.0102962	106.9800	1.317559
Stddev	.0032681	.0025923	.0033677	.003240	.0009784	.4983	.002850
%RSD	1.111425	20.70618	.9670801	84.53876	9.502400	.4657803	.2163435
#1	.2958156	.0151774	.3517376	-.007396	.0109444	106.4355	1.315051
#2	.2960477	.0123826	.3479347	-.001065	.0107735	107.0910	1.316966
#3	.2902747	.0099982	.3450219	-.003036	.0091708	107.4133	1.320659

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031382	.0167501	19.62887	.2533259	.1541403	.8448213	287.5619
Stddev	.0001343	.0001787	.14708	.0006346	.0007600	.0011584	1.7752
%RSD	4.280340	1.066750	.7492972	.2504983	.4930499	.1371198	.6173338
#1	.0030977	.0165633	19.49030	.2530893	.1532793	.8435905	285.5565
#2	.0030288	.0169193	19.61311	.2540447	.1544240	.8458903	288.1968
#3	.0032881	.0167676	19.78319	.2528436	.1547177	.8449832	288.9323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.274673	49.23912	.2804192	-.020345	1.483302	.5892909	.7666949
Stddev	.028265	.15332	.0023132	.000149	.006562	.0145310	.0013038
%RSD	.4504621	.3113795	.8248974	.7335090	.4424119	2.465847	.1700527
#1	6.242224	49.10668	.2796273	-.020213	1.490106	.5729949	.7660095
#2	6.287868	49.40709	.2786059	-.020507	1.482788	.5939773	.7681984
#3	6.293929	49.20359	.2830243	-.020315	1.477012	.6009003	.7658767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.93739	4.946203	.2103153	.0001687	.7324340	7.129567	.0004739
Stddev	.07217	.034397	.0030815	.0001999	.0082903	.059322	.0036131
%RSD	.3811051	.6954199	1.465164	118.4931	1.131887	.8320622	762.4996
#1	18.86136	4.923378	.2068848	.0003317	.7326885	7.078283	.0042583
#2	19.00495	4.929466	.2112124	-.000054	.7405941	7.115882	-.002939
#3	18.94587	4.985765	.2128486	.000229	.7240193	7.194536	.000103

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4484-14DLX2 Acquired: 11/12/2024 22:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4J2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.385057	.0914134	.2395037
Stddev	.014403	.0013682	.0006787
%RSD	.4255008	1.496705	.2833797
#1	3.368902	.0906732	.2387234
#2	3.389714	.0929923	.2398309
#3	3.396556	.0905748	.2399569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.0438	25157.85	2704.488	826.4497	1647.834
Stddev	1.1999	25.93	19.748	2.8045	3.721
%RSD	.1295772	.1030569	.7302051	.3393440	.2258114
#1	925.1704	25173.85	2718.482	823.2114	1647.769
#2	927.4121	25171.75	2713.084	828.0907	1651.587
#3	925.5490	25127.93	2681.899	828.0469	1644.146

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-19DLX2 Acquired: 11/12/2024 22:58:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4N1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783647	.0050511	.2517244	.0015251	.0067206	57.50942	.8776413
Stddev	.0114213	.0034483	.0036474	.0092341	.0038871	.15179	.0021991
%RSD	14.57453	68.26794	1.448973	605.4832	57.83844	.2639335	.2505709
#1	.0680222	.0036326	.2539344	-.005938	.0029561	57.51418	.8777282
#2	.0764494	.0025383	.2537244	.011852	.0107197	57.65877	.8797957
#3	.0906226	.0089825	.2475145	-.001339	.0064861	57.35531	.8754001

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020792	.0077083	21.38014	.1255132	.0754805	.6429713	112.1148
Stddev	.0000663	.0001459	.01259	.0007735	.0002627	.0058428	.1872
%RSD	3.187990	1.893126	.0588755	.6162548	.3480698	.9087221	.1669561
#1	.0020235	.0076339	21.38597	.1252984	.0753185	.6496041	111.9636
#2	.0020615	.0076145	21.36569	.1248698	.0753394	.6407243	112.0566
#3	.0021525	.0078764	21.38876	.1263714	.0757837	.6385856	112.3242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.207098	28.72068	.1266696	-.007135	.8129429	.2146198	.5692200
Stddev	.018841	.11799	.0003433	.000643	.2995604	.0074068	.0013861
%RSD	.4478380	.4108041	.2710157	9.011492	36.84888	3.451143	.2434997
#1	4.189641	28.84427	.1267934	-.007201	.7987221	.2168945	.5676424
#2	4.204582	28.70855	.1262816	-.007743	1.119361	.2063423	.5697756
#3	4.227070	28.60923	.1269339	-.006462	.520746	.2206225	.5702421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.60986	3.444830	.0930763	-.001001	.8604907	8.761166	-.007680
Stddev	.04473	.005444	.0014681	.000632	.0008922	.021902	.001110
%RSD	.3286377	.1580437	1.577253	63.16996	.1036871	.2499933	14.45518
#1	13.56029	3.451056	.0914488	-.001527	.8600557	8.786050	-.008961
#2	13.64719	3.440963	.0934794	-.000300	.8615170	8.744811	-.007003
#3	13.62211	3.442472	.0943006	-.001176	.8598994	8.752637	-.007075

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-19DLX2 Acquired: 11/12/2024 22:58:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4N1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.279996	.0499896	.1495209
Stddev	.004304	.0011976	.0002503
%RSD	.3362701	2.395701	.1673765
#1	1.284852	.0491112	.1495655
#2	1.278484	.0513538	.1497458
#3	1.276651	.0495039	.1492513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.1761	24756.55	2657.328	816.6816	1687.368
Stddev	2.5879	49.23	4.162	4.4185	2.514
%RSD	.2840129	.1988648	.1566217	.5410274	.1489657
#1	914.1200	24811.33	2656.253	821.2256	1688.072
#2	909.2602	24742.32	2661.922	816.4187	1689.454
#3	910.1482	24716.00	2653.809	812.4004	1684.577

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4497-07 Acquired: 11/12/2024 23:03:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHDA7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067983	-.004347	.1235479	-.003823	.0123963	150.2774	.3865699
Stddev	.0114781	.004108	.0042219	.003778	.0014710	.3149	.0004282
%RSD	168.8363	94.49819	3.417247	98.82400	11.86659	.2095505	.1107777
#1	.0014447	.000123	.1189182	-.007475	.0140736	150.0278	.3867045
#2	-.001025	-.005209	.1271853	-.004064	.0113254	150.6312	.3869147
#3	.019975	-.007956	.1245404	.000070	.0117899	150.1731	.3860906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028787	.0198571	785.3033	2.381347	.2628530	.3317447	360.9235
Stddev	.0002107	.0003878	1.9097	.006970	.0013202	.0058071	1.0483
%RSD	7.318497	1.952684	.2431743	.2926908	.5022657	1.750459	.2904521
#1	.0027896	.0199697	783.1486	2.389237	.2613508	.3362979	359.7456
#2	.0027272	.0194255	786.7864	2.376027	.2638287	.3337312	361.7542
#3	.0031193	.0201760	785.9749	2.378776	.2633796	.3252051	361.2705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.638310	210.5720	2.415441	-.013479	8.151528	1.009079	.6701754
Stddev	.013463	1.0642	.004632	.000264	.107635	.006597	.0018823
%RSD	.2387750	.5053659	.1917600	1.962241	1.320431	.6537448	.2808592
#1	5.630950	209.4038	2.410114	-.013220	8.260996	1.001500	.6711259
#2	5.653848	211.4861	2.417689	-.013467	8.147765	1.013531	.6680074
#3	5.630131	210.8261	2.418520	-.013749	8.045824	1.012205	.6713927

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.37837	4.430535	.3300277	.0118687	4.791509	9.810016	.0019834
Stddev	.09746	.008067	.0028577	.0009495	.013460	.015553	.0066057
%RSD	.6778245	.1820684	.8658935	8.000314	.2809222	.1585438	333.0559
#1	14.27151	4.434553	.3278016	.0114706	4.790970	9.815727	.0091774
#2	14.46235	4.421249	.3290312	.0111829	4.805231	9.792415	.0005817
#3	14.40126	4.435805	.3332502	.0129524	4.778326	9.821907	-.003809

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4497-07 Acquired: 11/12/2024 23:03:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHDA7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	6.599203	.1928375	1.956992
Stddev	.015369	.0004865	.007170
%RSD	.2328862	.2523064	.3663954
#1	6.589302	.1923459	1.952261
#2	6.616908	.1933189	1.965242
#3	6.591398	.1928477	1.953472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	835.3061	23864.73	2687.651	741.9393	1371.412
Stddev	2.5823	57.66	4.456	2.8686	1.021
%RSD	.3091433	.2416031	.1658024	.3866357	.0744830
#1	834.0164	23809.29	2682.911	741.6484	1372.534
#2	838.2792	23860.52	2688.288	744.9422	1370.535
#3	833.6227	23924.37	2691.755	739.2272	1371.168

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164767BL Acquired: 11/12/2024 23:16:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW767 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055732	.0004741	-.001096	.0083965	-.001304	-.006497	.0006576
Stddev	.0033629	.0014430	.001170	.0007716	.000480	.007850	.0011229
%RSD	60.34038	304.3423	106.7128	9.189110	36.82652	120.8225	170.7648
#1	.0087858	.0002327	-.001425	.0078386	-.001755	-.009650	-.000528
#2	.0058561	.0020226	-.002066	.0092770	-.001358	.002439	.001706
#3	.0020778	-.000833	.000203	.0080738	-.000799	-.012280	.000795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000129	-.000154	-.006763	-.000622	-.000015	-.002201	-.044186
Stddev	.0000720	.000192	.019776	.000137	.000803	.001650	.022284
%RSD	557.8340	124.4869	292.4047	22.06969	5349.321	74.94698	50.43230
#1	.0000416	-.000328	-.029508	-.000725	.000830	-.001288	-.057335
#2	-.000069	.000052	.006371	-.000466	-.000768	-.004106	-.018457
#3	.000066	-.000185	.002847	-.000675	-.000107	-.001210	-.056765

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001451	-.082661	-.000654	.0008139	.2825747	.0018502	-.000554
Stddev	.001034	.041486	.000584	.0001225	.0699419	.0081008	.000399
%RSD	71.25411	50.18795	89.23710	15.04661	24.75164	437.8210	72.02087
#1	-.001115	-.034764	-.001085	.0009067	.2389230	.0111102	-.000658
#2	-.000627	-.107306	.000010	.0006751	.2455554	-.003925	-.000891
#3	-.002611	-.105912	-.000889	.0008599	.3632458	-.001634	-.000113

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732259	.0007894	-.000436	.0006467	.0033954	.0002195	-.005728
Stddev	.0710361	.0015668	.000240	.0001686	.0024995	.0006001	.001724
%RSD	97.00952	198.4850	54.97933	26.07482	73.61398	273.3724	30.09928
#1	.0971514	.0024418	-.000631	.0007861	.0014165	.0002881	-.004638
#2	-.006684	.0006013	-.000510	.0006947	.0025654	-.000412	-.004831
#3	.129210	-.000675	-.000168	.0004593	.0062043	.000782	-.007716

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164767BL Acquired: 11/12/2024 23:16:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW767 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001101	-.000155	-.000059
Stddev	.000929	.000283	.000038
%RSD	84.35109	182.8467	65.51775
#1	-.001784	.000096	-.000096
#2	-.000044	-.000461	-.000061
#3	-.001475	-.000099	-.000019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.1611	23585.08	2511.191	784.2562	1777.739
Stddev	2.0581	28.68	10.472	3.9255	1.364
%RSD	.2338321	.1215846	.4170098	.5005403	.0767384
#1	879.3080	23572.27	2502.096	780.7942	1779.213
#2	882.5085	23565.04	2522.639	783.4532	1776.522
#3	878.6667	23617.92	2508.836	788.5211	1777.481

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164767BS Acquired: 11/12/2024 23:21:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS767 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241754	.0519823	.0171601	.0639154	.1082930	.4014493
Stddev	.0025692	.0015956	.0034787	.0013410	.0015597	.0113019
%RSD	10.62734	3.069431	20.27183	2.098078	1.440229	2.815265
#1	.0237247	.0534134	.0147368	.0652762	.1088703	.4137556
#2	.0269402	.0522715	.0155974	.0625952	.1094818	.3990576
#3	.0218614	.0502619	.0211461	.0638749	.1065270	.3915347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4314504	.0110519	.0109142	11.28509	.0228285	.1035113
Stddev	.0002790	.0000965	.0000870	.02335	.0000947	.0006863
%RSD	.0646734	.8733947	.7973731	.2069264	.4150470	.6630624
#1	.4314541	.0109921	.0109674	11.25899	.0229058	.1032288
#2	.4317276	.0111632	.0109616	11.29225	.0228569	.1030114
#3	.4311696	.0110003	.0108138	11.30402	.0227228	.1042938

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468158	.2285390	.0337898	10.57112	.0863485	.0221748
Stddev	.0040798	.0234186	.0003174	.14637	.0001199	.0007142
%RSD	8.714673	10.24709	.9394584	1.384662	.1388437	3.220610
#1	.0513932	.2497246	.0340468	10.72424	.0863075	.0213651
#2	.0454918	.2033926	.0334349	10.43258	.0862546	.0224445
#3	.0435623	.2324998	.0338875	10.55654	.0864836	.0227149

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.06527	.1136867	.1121844	9.876241	.0155880	F -.000620
Stddev	.16598	.0028056	.0003686	.026111	.0041439	.002123
%RSD	1.500024	2.467841	.3285508	.2643797	26.58356	342.2679
#1	11.22109	.1107091	.1117656	9.888362	.0120292	-.003036
#2	10.89072	.1162808	.1124592	9.894088	.0201374	.000947
#3	11.08401	.1140704	.1123285	9.846273	.0145975	.000229

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164767BS Acquired: 11/12/2024 23:21:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS767 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0198666	.1813642	F .4621968	.0125587	.2109959	.0307930
Stddev	.0003089	.0050147	.0022535	.0023629	.0007928	.0009496
%RSD	1.554806	2.764979	.4875638	18.81484	.3757279	3.083944
#1	.0195822	.1774497	.4605937	.0112358	.2118916	.0309222
#2	.0201952	.1796263	.4647734	.0152867	.2103846	.0316714
#3	.0198224	.1870167	.4612234	.0111535	.2107114	.0297853

Elem	Sr4077
Units	ppm
Avg	.2175993
Stddev	.0002086
%RSD	.0958534
#1	.2176621
#2	.2173666
#3	.2177693

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	875.2468	23724.78	2515.046	787.9740	1732.756
Stddev	.3648	112.57	12.286	3.3557	2.556
%RSD	.0416830	.4744756	.4885183	.4258651	.1475275
#1	874.9091	23819.72	2526.777	789.6402	1732.694
#2	875.1976	23754.19	2502.271	790.1706	1735.343
#3	875.6337	23600.42	2516.090	784.1113	1730.232

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164570BL Acquired: 11/12/2024 23:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS570 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030744	-.002508	-.003901	.0031304	-.001654	-.004941	.0004398
Stddev	.0009660	.002971	.001381	.0031346	.000511	.007430	.0005910
%RSD	31.41990	118.4691	35.40274	100.1344	30.88137	150.3647	134.3646
#1	.0028930	-.005799	-.002644	.0001263	-.002160	.003519	.0010180
#2	.0041181	-.000022	-.003680	.0028838	-.001665	-.010403	-.000163
#3	.0022119	-.001704	-.005380	.0063809	-.001139	-.007940	.000465

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001081	-.000088	.0076384	-.000555	.0002725	-.001709	.0090729
Stddev	.0000748	.000142	.0111413	.000752	.0002955	.001406	.0194353
%RSD	69.13895	161.4789	145.8592	135.4085	108.4228	82.26368	214.2131
#1	.0001175	.000032	.0020259	.000251	.0000227	-.000581	-.008776
#2	.0000291	-.000051	.0004195	-.000679	.0001963	-.003285	.006216
#3	.0001778	-.000246	.0204698	-.001238	.0005986	-.001263	.029778

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001035	.0149266	-.000075	-.000511	.3456104	.0064241	-.000666
Stddev	.001159	.0859844	.000545	.000282	.0996110	.0046217	.000251
%RSD	111.9549	576.0483	724.5922	55.20527	28.82177	71.94295	37.72251
#1	-.001611	-.073420	.000302	-.000363	.4143682	.0011834	-.000480
#2	-.001794	.098336	-.000700	-.000333	.2313777	.0099170	-.000952
#3	.000299	.019864	.000173	-.000836	.3910853	.0081719	-.000566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203839	.0013885	-.000597	.0001850	.0030045	-.000237	.0004635
Stddev	.0848550	.0018761	.000664	.0001688	.0027798	.000733	.0012299
%RSD	416.2840	135.1182	111.2223	91.23054	92.52136	309.5839	265.3224
#1	-.016749	.0007097	-.000426	.0000201	.0053402	.000526	-.000953
#2	.117476	-.000054	-.000035	.0001775	-.000070	-.000300	.001087
#3	-.039575	.003510	-.001330	.0003574	.003743	-.000936	.001256

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164570BL Acquired: 11/12/2024 23:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS570 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000992	-.000212	.0000186
Stddev	.000422	.000552	.0000498
%RSD	42.54864	260.7289	268.2468
#1	-.000768	-.000435	.0000672
#2	-.000729	-.000616	-.000032
#3	-.001479	.000417	.000021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	888.1294	23843.49	2553.580	793.2090	1783.075
Stddev	2.2595	46.05	1.266	3.5949	5.340
%RSD	.2544125	.1931455	.0495856	.4532034	.2994831
#1	887.7888	23792.75	2552.775	791.5503	1786.045
#2	890.5398	23855.05	2552.925	790.7430	1786.270
#3	886.0595	23882.66	2555.039	797.3337	1776.910

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164570BS Acquired: 11/12/2024 23:39:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS570 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215840	.0515319	.0183397	.0666713	.1098086	.3951770
Stddev	.0070833	.0052587	.0024212	.0041480	.0037073	.0071749
%RSD	32.81742	10.20482	13.20215	6.221630	3.376167	1.815611
#1	.0294488	.0560154	.0204049	.0619058	.1097318	.3940013
#2	.0195959	.0528366	.0189392	.0686373	.1135538	.3886625
#3	.0157071	.0457436	.0156750	.0694708	.1061403	.4028671

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4281685	.0109144	.0106838	11.01577	.0214671	.1020433
Stddev	.0011958	.0000372	.0001311	.07002	.0007647	.0003780
%RSD	.2792902	.3406356	1.227195	.6356605	3.562098	.3703925
#1	.4275586	.0108715	.0106088	11.07399	.0206113	.1024796
#2	.4295464	.0109375	.0108352	11.03526	.0217064	.1018171
#3	.4274007	.0109340	.0106074	10.93807	.0220834	.1018332

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0512639	.2170086	.0325664	10.45369	.0855527	.0220972
Stddev	.0023832	.0148173	.0020492	.06980	.0004593	.0001539
%RSD	4.648791	6.827957	6.292291	.6676856	.5368661	.6963862
#1	.0535942	.2009192	.0323032	10.40494	.0860331	.0220174
#2	.0488312	.2200136	.0347345	10.53364	.0855073	.0219997
#3	.0513662	.2300931	.0306616	10.42248	.0851178	.0222746

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79228	.1195330	.1100835	9.849693	.0155584	F -.000973
Stddev	.06518	.0036740	.0016353	.117815	.0025505	.000890
%RSD	.6039554	3.073603	1.485539	1.196125	16.39289	91.47339
#1	10.81166	.1181854	.1117351	9.715251	.0171272	-.000308
#2	10.84557	.1236904	.1084650	9.898905	.0169325	-.000627
#3	10.71960	.1167231	.1100502	9.934923	.0126155	-.001985

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164570BS Acquired: 11/12/2024 23:39:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS570 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0196962	.1785756	F .4584468	.0122573	.2079695	.0292712
Stddev	.0004192	.0064954	.0009918	.0010701	.0005726	.0008996
%RSD	2.128419	3.637361	.2163367	8.730536	.2753475	3.073415
#1	.0195354	.1854783	.4587608	.0133772	.2081308	.0289124
#2	.0201720	.1725836	.4573360	.0112450	.2073335	.0302949
#3	.0193812	.1776648	.4592435	.0121498	.2084442	.0286065

Elem	Sr4077
Units	ppm
Avg	.2153077
Stddev	.0005843
%RSD	.2713886
#1	.2159474
#2	.2148021
#3	.2151737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	878.2385	23671.93	2508.881	791.9566	1733.716
Stddev	1.5258	50.63	8.694	4.3830	1.351
%RSD	.1737326	.2138779	.3465235	.5534366	.0779265
#1	877.7549	23678.19	2511.341	787.1230	1732.222
#2	877.0131	23719.14	2499.222	795.6726	1734.073
#3	879.9474	23618.46	2516.079	793.0742	1734.852

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164570BSD Acquired: 11/12/2024 23:43:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD570 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088086	.0244892	.0076294	.0326727	.0541137	.1994188	.2152732
Stddev	.0060986	.0023706	.0027481	.0037258	.0004928	.0090362	.0003940
%RSD	69.23457	9.680264	36.02028	11.40341	.9106209	4.531250	.1830139
#1	.0028549	.0263097	.0095223	.0321191	.0536724	.2065078	.2149742
#2	.0085284	.0218086	.0088886	.0366443	.0540233	.1892439	.2157197
#3	.0150425	.0253493	.0044773	.0292547	.0546454	.2025046	.2151258

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054526	.0053202	5.572263	.0102236	.0516205	.0228426	.0778859
Stddev	.0000974	.0000829	.043083	.0003678	.0008693	.0047928	.0215905
%RSD	1.786749	1.557912	.7731757	3.597454	1.683972	20.98200	27.72067
#1	.0053990	.0053770	5.584338	.0105737	.0523906	.0276862	.0597365
#2	.0055651	.0053584	5.608021	.0098403	.0506779	.0181022	.0721585
#3	.0053938	.0052251	5.524431	.0102567	.0517930	.0227393	.1017625

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0165008	5.219052	.0435518	.0119737	5.619620	.0564539	.0557548
Stddev	.0021296	.039858	.0007779	.0004915	.133167	.0088132	.0002191
%RSD	12.90598	.7637061	1.786062	4.104598	2.369682	15.61130	.3928897
#1	.0146252	5.253295	.0439676	.0125350	5.744366	.0468734	.0559565
#2	.0188158	5.175299	.0440334	.0116204	5.635107	.0642161	.0557863
#3	.0160615	5.228561	.0426544	.0117657	5.479386	.0582721	.0555218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.929032	.0079984	-.001160	.0100642	.0951444	.2308107	.0039232
Stddev	.140051	.0030127	.000729	.0001525	.0020093	.0010656	.0016058
%RSD	2.841352	37.66674	62.85387	1.515667	2.111834	.4616796	40.93103
#1	4.841830	.0087697	-.001942	.0102391	.0967427	.2296881	.0021082
#2	5.090579	.0105505	-.001039	.0099943	.0928888	.2318082	.0051592
#3	4.854687	.0046750	-.000499	.0099591	.0958018	.2309359	.0045022

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164570BSD Acquired: 11/12/2024 23:43:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD570 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1029361	.0152924	.1079463
Stddev	.0010451	.0005071	.0001864
%RSD	1.015321	3.316068	.1726923
#1	.1034252	.0147240	.1077325
#2	.1036470	.0156985	.1080320
#3	.1017361	.0154547	.1080745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.0916	23718.26	2514.285	792.1183	1762.275
Stddev	3.7027	59.41	9.966	3.6993	3.888
%RSD	.4192845	.2504861	.3963703	.4670081	.2206088
#1	886.1661	23649.68	2521.371	795.6793	1764.300
#2	884.1273	23753.85	2502.889	792.3809	1764.732
#3	878.9814	23751.26	2518.593	788.2948	1757.792

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164586BL Acquired: 11/12/2024 23:48:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS586 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000339	-.001796	-.000600	.0006877	-.000260	-.001703	.0012854
Stddev	.006959	.001025	.002762	.0046450	.001670	.009253	.0003883
%RSD	2052.295	57.06783	460.3263	675.4290	642.2045	543.4438	30.21373
#1	.005667	-.002978	-.001353	.0058232	.000427	.001896	.0015480
#2	.001281	-.001149	-.002908	-.000540	-.002164	-.012214	.0008393
#3	-.007966	-.001261	.002460	-.003220	.000957	.005210	.0014688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000208	-.000225	-.007960	-.000560	.0004133	-.001920	.0072337
Stddev	.0000793	.000162	.015448	.000170	.0002225	.004808	.0201490
%RSD	381.0764	72.14712	194.0607	30.35938	53.83275	250.4164	278.5424
#1	.0000335	-.000373	-.015600	-.000508	.0001906	-.003902	.0304832
#2	.0000930	-.000051	-.018099	-.000421	.0004137	.003562	-.005151
#3	-.000064	-.000251	.009819	-.000749	.0006356	-.005420	-.003631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000468	-.074445	-.000663	.0008670	.1393751	.0064878	-.000624
Stddev	.002532	.061687	.000337	.0004003	.0820575	.0053965	.000541
%RSD	541.4830	82.86312	50.82283	46.16638	58.87529	83.17895	86.77855
#1	.002401	-.074524	-.000278	.0008684	.0537472	.0032496	-.000167
#2	-.001413	-.136093	-.000905	.0004661	.1470559	.0034963	-.000483
#3	-.002392	-.012718	-.000807	.0012666	.2173220	.0127175	-.001221

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0294219	-.000918	-.001582	.0002304	-.001696	-.000373	-.000757
Stddev	.0689208	.001976	.000730	.0001708	.003072	.000132	.002217
%RSD	234.2501	215.2542	46.16952	74.11904	181.1127	35.46195	292.7988
#1	-.048974	.000104	-.001443	.0002317	.001682	-.000496	.001422
#2	.056763	.000338	-.002372	.0004005	-.002447	-.000233	-.003011
#3	.080477	-.003196	-.000931	.0000590	-.004324	-.000389	-.000683

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164586BL Acquired: 11/12/2024 23:48:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS586 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0000661	-.000152	.0000406
Stddev	.0015157	.000787	.0001292
%RSD	2294.957	517.9266	318.3976
#1	.0018122	-.000863	.0001051
#2	-.000911	-.000287	-.000108
#3	-.000703	.000694	.000125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	879.2782	23675.98	2505.226	786.6938	1781.998
Stddev	2.1591	27.83	16.306	2.8185	2.316
%RSD	.2455573	.1175378	.6508709	.3582747	.1299461
#1	880.3126	23655.93	2507.793	783.5165	1781.788
#2	880.7254	23707.75	2487.789	788.8928	1784.412
#3	876.7964	23664.27	2520.096	787.6723	1779.795

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164586BS Acquired: 11/12/2024 23:53:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS586 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226421	.0528552	.0203365	.0618488	.1108284	.4015592
Stddev	.0010363	.0039656	.0052166	.0041734	.0019631	.0127784
%RSD	4.576677	7.502784	25.65136	6.747799	1.771304	3.182204
#1	.0215623	.0483210	.0154745	.0575621	.1090313	.3901888
#2	.0227356	.0545681	.0258470	.0658989	.1105304	.3991005
#3	.0236284	.0556764	.0196879	.0620855	.1129234	.4153884

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4328124	.0110814	.0108998	11.34377	.0219421	.1033196
Stddev	.0009239	.0000769	.0002467	.02329	.0008434	.0004089
%RSD	.2134589	.6940337	2.263266	.2053086	3.843637	.3957760
#1	.4327743	.0111567	.0110424	11.33369	.0210248	.1034958
#2	.4337547	.0110029	.0106149	11.37040	.0221177	.1036108
#3	.4319081	.0110845	.0110420	11.32722	.0226838	.1028521

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0461557	.2219758	.0331393	10.72866	.0866698	.0230992
Stddev	.0036145	.0395390	.0014469	.12574	.0001991	.0003591
%RSD	7.831106	17.81229	4.366065	1.171980	.2297746	1.554628
#1	.0447553	.1891718	.0344045	10.83390	.0868824	.0227330
#2	.0434510	.2658778	.0315618	10.76267	.0864876	.0231140
#3	.0502609	.2108777	.0334516	10.58942	.0866395	.0234507

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79930	.1227903	.1134260	9.907653	.0197609	F -.000478
Stddev	.23527	.0070092	.0004921	.063632	.0022050	.000697
%RSD	2.178522	5.708308	.4338738	.6422471	11.15829	145.8095
#1	10.95207	.1159989	.1133497	9.976905	.0220671	-.000766
#2	10.52838	.1299988	.1139518	9.851766	.0195420	.000317
#3	10.91746	.1223731	.1129765	9.894287	.0176735	-.000985

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164586BS Acquired: 11/12/2024 23:53:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS586 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0193100	.1849316	F .4688563	.0113393	.2118861	.0298904
Stddev	.0003299	.0052563	.0005140	.0010081	.0026508	.0005927
%RSD	1.708650	2.842283	.1096380	8.889969	1.251068	1.982967
#1	.0195965	.1829143	.4690047	.0105122	.2105418	.0293941
#2	.0193841	.1908977	.4682843	.0110437	.2149398	.0297305
#3	.0189493	.1809828	.4692797	.0124622	.2101769	.0305467

Elem	Sr4077
Units	ppm
Avg	.2177243
Stddev	.0003199
%RSD	.1469311
#1	.2180842
#2	.2176168
#3	.2174721

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	875.8583	23641.18	2502.744	786.1383	1740.701
Stddev	.4815	41.21	2.239	2.1850	.767
%RSD	.0549738	.1742976	.0894490	.2779406	.0440807
#1	876.1008	23666.53	2502.200	783.6855	1741.456
#2	875.3038	23663.37	2500.828	786.8529	1740.726
#3	876.1703	23593.63	2505.205	787.8765	1739.922

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164586BSD Acquired: 11/12/2024 23:57:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD586 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097552	.0264289	.0108153	.0337907	.0544136	.2081588	.2133304
Stddev	.0037194	.0017342	.0019015	.0044323	.0007998	.0140606	.0010154
%RSD	38.12693	6.561664	17.58164	13.11703	1.469780	6.754753	.4759648
#1	.0107081	.0263673	.0102848	.0389087	.0535259	.1945254	.2132396
#2	.0129054	.0247264	.0129257	.0312111	.0546371	.2073402	.2123634
#3	.0056521	.0281931	.0092354	.0312523	.0550778	.2226109	.2143881

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054904	.0052051	5.610243	.0108484	.0508955	.0236627	.1045871
Stddev	.0001767	.0000549	.004533	.0001744	.0006750	.0023643	.0194459
%RSD	3.218041	1.054023	.0807983	1.607576	1.326344	9.991614	18.59304
#1	.0055545	.0051467	5.606821	.0107667	.0501246	.0222920	.1127255
#2	.0052906	.0052555	5.608525	.0110486	.0511808	.0263928	.0823942
#3	.0056261	.0052131	5.615384	.0107298	.0513810	.0223035	.1186417

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0157775	5.156972	.0423706	.0117479	5.680481	.0619780	.0550816
Stddev	.0006520	.080077	.0009321	.0002577	.163366	.0049895	.0007617
%RSD	4.132650	1.552788	2.199896	2.193517	2.875926	8.050513	1.382877
#1	.0159597	5.157344	.0427617	.0115647	5.788513	.0664671	.0554404
#2	.0150537	5.076710	.0430434	.0120426	5.492542	.0566059	.0542068
#3	.0163190	5.236863	.0413066	.0116365	5.760387	.0628611	.0555977

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.868624	.0078254	-.001118	.0094534	.0951398	.2306442	.0076707
Stddev	.143950	.0016530	.000625	.0005745	.0048009	.0003952	.0013322
%RSD	2.956679	21.12290	55.93387	6.077089	5.046121	.1713647	17.36787
#1	4.856939	.0095903	-.000735	.0100913	.0919851	.2303073	.0077333
#2	4.730873	.0063136	-.001840	.0092922	.1006648	.2305461	.0089705
#3	5.018060	.0075724	-.000780	.0089768	.0927695	.2310793	.0063082

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164586BSD Acquired: 11/12/2024 23:57:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD586 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1047520	.0136765	.1075884
Stddev	.0034281	.0007238	.0004968
%RSD	3.272578	5.292098	.4617512
#1	.1020857	.0132182	.1070512
#2	.1035514	.0145109	.1076827
#3	.1086190	.0133004	.1080313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	878.5835	23672.11	2509.977	790.6652	1762.156
Stddev	1.2014	33.32	10.182	5.2547	.754
%RSD	.1367447	.1407444	.4056663	.6645908	.0427819
#1	878.7386	23673.99	2521.711	786.6401	1763.018
#2	877.3121	23637.89	2504.761	788.7458	1761.831
#3	879.6998	23704.44	2503.461	796.6097	1761.619

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164584BL Acquired: 11/13/2024 0:02:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS584 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021394	-.000794	-.003009	.0025609	-.001381	.0011538	.0008138
Stddev	.0042407	.003071	.003491	.0057437	.003945	.0102516	.0008396
%RSD	198.2207	386.9347	116.0294	224.2854	285.5634	888.4771	103.1658
#1	-.001413	-.002925	.000991	.0089779	-.003835	.0032590	.0004421
#2	.006834	-.002182	-.005443	-.002099	-.003478	.0101894	.0017751
#3	.000998	.002726	-.004575	.000804	.003169	-.009987	.0002242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000608	-.000093	.0121139	-.001125	.0000479	-.001920	.0127341
Stddev	.0000082	.000100	.0036710	.000644	.0004412	.003802	.0249196
%RSD	13.41806	107.6730	30.30368	57.20008	921.5719	198.0624	195.6916
#1	.0000545	-.000209	.0081455	-.000451	-.000163	.001824	.0190229
#2	.0000700	-.000033	.0153884	-.001733	-.000248	-.005779	-.014727
#3	.0000580	-.000037	.0128076	-.001192	.000555	-.001805	.033907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001730	-.095923	-.000267	.0017182	.1670308	.0156567	-.000804
Stddev	.001836	.058627	.000317	.0001762	.3434888	.0071332	.000168
%RSD	106.1298	61.11913	118.7824	10.25510	205.6440	45.56034	20.84788
#1	-.003435	-.153494	-.000138	.0019210	.4435967	.0108138	-.000716
#2	.000213	-.036294	-.000627	.0016315	-.217459	.0123082	-.000699
#3	-.001967	-.097982	-.000035	.0016022	.274955	.0238481	-.000997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006317	-.002243	-.001298	.0000214	.0046298	.0001330	-.001388
Stddev	.0993786	.002690	.000945	.0000314	.0007601	.0002152	.001060
%RSD	15732.47	119.9517	72.77719	146.7292	16.41776	161.7384	76.40225
#1	.0015967	-.004759	-.000423	.0000517	.0041859	-.000078	-.002564
#2	.0995242	-.002564	-.002300	.0000237	.0041959	.000125	-.000505
#3	-.099226	.000593	-.001171	-.000011	.0055074	.000352	-.001094

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164584BL Acquired: 11/13/2024 0:02:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS584 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000447	-.001340	-.000141
Stddev	.000824	.001519	.000059
%RSD	184.1845	113.2949	41.82988
#1	.000116	.000363	-.000193
#2	-.000065	-.002551	-.000152
#3	-.001393	-.001833	-.000077

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	874.9614	23389.17	2482.536	781.6848	1763.751
Stddev	1.5082	21.17	2.177	.7778	1.809
%RSD	.1723708	.0904940	.0876843	.0995000	.1025884
#1	874.7219	23413.60	2484.604	781.1688	1763.284
#2	876.5750	23377.25	2482.739	781.3062	1765.748
#3	873.5873	23376.64	2480.264	782.5794	1762.220

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164584BSD Acquired: 11/13/2024 0:11:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD584 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124286	.0258123	.0107909	.0336767	.0571662	.1951613	.2169145
Stddev	.0009114	.0032788	.0034394	.0033575	.0010236	.0070760	.0008474
%RSD	7.332843	12.70255	31.87294	9.969826	1.790506	3.625729	.3906548
#1	.0128464	.0273280	.0144721	.0316786	.0581989	.1968598	.2163456
#2	.0113832	.0280591	.0076596	.0375530	.0571477	.2012335	.2165095
#3	.0130562	.0220499	.0102410	.0317984	.0561521	.1873906	.2178884

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054661	.0054171	5.649279	.0107497	.0520151	.0262573	.1010982
Stddev	.0000190	.0001370	.047999	.0005282	.0003370	.0058020	.0356475
%RSD	.3475446	2.528414	.8496412	4.913514	.6479415	22.09680	35.26026
#1	.0054576	.0054015	5.616921	.0101439	.0516373	.0244407	.1130230
#2	.0054879	.0052886	5.704427	.0111139	.0522847	.0327503	.1292546
#3	.0054529	.0055612	5.626488	.0109913	.0521233	.0215810	.0610170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163943	5.134404	.0438665	.0116005	5.407055	.0612767	.0582837
Stddev	.0015653	.134322	.0002569	.0001608	.140412	.0050551	.0002812
%RSD	9.547610	2.616125	.5855783	1.385912	2.596838	8.249648	.4824080
#1	.0145955	4.987495	.0437886	.0117760	5.493950	.0604375	.0584488
#2	.0174463	5.250938	.0441534	.0114604	5.245063	.0566937	.0579591
#3	.0171411	5.164779	.0436576	.0115651	5.482150	.0666989	.0584433

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.961126	.0090933	-.000902	.0097657	.0911326	.2329209	.0061716
Stddev	.063404	.0014251	.000654	.0004053	.0041096	.0004040	.0008825
%RSD	1.278012	15.67173	72.44191	4.150073	4.509413	.1734616	14.29914
#1	4.903172	.0083457	-.000249	.0099165	.0872721	.2333862	.0071643
#2	5.028846	.0081976	-.001556	.0093067	.0954526	.2327183	.0058744
#3	4.951360	.0107367	-.000902	.0100740	.0906731	.2326584	.0054760

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164584BSD Acquired: 11/13/2024 0:11:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD584 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1061829	.0131806	.1087050
Stddev	.0006742	.0012329	.0003916
%RSD	.6349117	9.353778	.3602282
#1	.1061394	.0119577	.1083593
#2	.1055315	.0131607	.1091303
#3	.1068778	.0144233	.1086254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	880.8595	23743.45	2532.820	792.7770	1762.530
Stddev	1.5495	50.78	10.340	2.4501	3.662
%RSD	.1759079	.2138848	.4082538	.3090557	.2077505
#1	881.9134	23707.17	2520.950	793.1456	1758.629
#2	881.5848	23801.49	2539.871	795.0219	1765.892
#3	879.0804	23721.70	2537.639	790.1634	1763.069

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV065 Acquired: 11/13/2024 0:15:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.072611	4.767400	24.70419	4.701816	4.751794	405.9722	10.10361
Stddev	.021225	.015494	.05734	.017321	.011478	1.0276	.02212
%RSD	.4184210	.3250021	.2321189	.3683854	.2415485	.2531318	.2189692
#1	5.062746	4.764839	24.73005	4.681816	4.739893	406.1296	10.09275
#2	5.058114	4.753347	24.63847	4.711680	4.752693	404.8749	10.08901
#3	5.096973	4.784016	24.74405	4.711951	4.762796	406.9120	10.12906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4948675	2.520934	408.3207	15.06547	2.507508	14.85833	414.5952
Stddev	.0038775	.006779	1.1459	.07739	.009890	.01750	1.0493
%RSD	.7835398	.2689165	.2806334	.5136632	.3943989	.1178119	.2531014
#1	.4950612	2.521495	408.6879	15.06884	2.512736	14.83919	413.8110
#2	.4908969	2.513891	407.0363	14.98645	2.496102	14.86226	414.1874
#3	.4986446	2.527415	409.2380	15.14111	2.513686	14.87353	415.7873

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83594	406.8819	2.486360	1.226188	407.5674	2.468946	14.22393
Stddev	.05450	.8035	.007332	.009132	1.4070	.012230	.08113
%RSD	.3673184	.1974787	.2949092	.7447371	.3452072	.4953563	.5703461
#1	14.77414	406.0369	2.484830	1.227047	408.6606	2.475757	14.24339
#2	14.87710	406.9727	2.479914	1.216657	405.9800	2.454827	14.13485
#3	14.85658	407.6362	2.494337	1.234860	408.0616	2.476254	14.29356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.5535	4.920116	4.970035	4.690860	5.020716	4.955971	4.992696
Stddev	.3586	.017015	.049259	.006057	.011144	.032661	.018520
%RSD	.2350971	.3458160	.9911159	.1291234	.2219507	.6590207	.3709344
#1	152.6535	4.909267	4.983239	4.683926	5.031304	4.964996	5.003919
#2	152.1555	4.911355	4.915520	4.693537	5.009090	4.919747	4.971320
#3	152.8516	4.939726	5.011346	4.695118	5.021754	4.983171	5.002849

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV065 Acquired: 11/13/2024 0:15:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.946993	5.027643	5.047748
Stddev	.017910	.012747	.005700
%RSD	.3620458	.2535303	.1129286
#1	4.943231	5.028683	5.044167
#2	4.931262	5.014408	5.044755
#3	4.966486	5.039837	5.054321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	706.2020	21420.99	2401.047	601.1429	1333.561
Stddev	1.0004	32.66	7.380	2.9813	1.205
%RSD	.1416588	.1524896	.3073605	.4959356	.0903587
#1	706.9802	21416.15	2397.557	599.9450	1332.534
#2	705.0736	21455.80	2409.525	604.5368	1334.887
#3	706.5521	21391.01	2396.060	598.9469	1333.260

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB065 Acquired: 11/13/2024 0:41:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066417	.0005606	.0009178	.0043960	-.000392	.0024861	-.000495
Stddev	.0021081	.0024701	.0021891	.0032710	.001688	.0146978	.001083
%RSD	31.74032	440.6041	238.5058	74.40794	430.1470	591.2017	218.8924
#1	.0047687	.0029493	-.000259	.0059799	-.001757	-.003330	.000085
#2	.0089247	.0007160	-.000431	.0065735	-.000916	-.008414	.000175
#3	.0062318	-.001984	.003444	.0006346	.001495	.019202	-.001744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000384	-.000308	-.010682	-.000296	.0004228	-.002111	.0081456
Stddev	.0000041	.000114	.020486	.000249	.0002823	.003053	.0350942
%RSD	10.77742	36.89186	191.7709	84.02973	66.77271	144.5821	430.8382
#1	.0000431	-.000184	.011931	-.000512	.0002127	-.001502	-.018172
#2	.0000368	-.000407	-.015978	-.000024	.0007436	.000591	.047990
#3	.0000353	-.000334	-.028001	-.000353	.0003120	-.005423	-.005381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001847	-.038483	-.000832	.0000903	.3766495	.0076763	-.000650
Stddev	.003521	.068055	.000447	.0001762	.1083568	.0059010	.000209
%RSD	190.6743	176.8464	53.73433	195.0959	28.76860	76.87289	32.19476
#1	-.003385	.039809	-.001303	.0002473	.4986266	.0014245	-.000507
#2	-.004336	-.083481	-.000778	.0001240	.3397932	.0084552	-.000890
#3	.002182	-.071776	-.000414	-.000100	.2915286	.0131492	-.000554

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097054	-.004484	-.000248	.0002998	.0021045	-.000344	-.006008
Stddev	.0814206	.000642	.000416	.0002093	.0025640	.000498	.000732
%RSD	74.21755	14.32672	167.7755	69.82059	121.8369	144.5925	12.18719
#1	.0370615	-.003743	.000197	.0004227	-.000440	-.000306	-.006151
#2	.0943411	-.004893	-.000314	.0004187	.004688	-.000861	-.006659
#3	.1977136	-.004815	-.000628	.0000581	.002066	.000133	-.005215

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB065 Acquired: 11/13/2024 0:41:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001373	-.000522	-.000146
Stddev	.000380	.000922	.000058
%RSD	27.66921	176.7735	40.03119
#1	-.000970	-.001573	-.000087
#2	-.001424	-.000143	-.000204
#3	-.001725	.000151	-.000147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	877.8464	23679.22	2534.193	789.4079	1760.771
Stddev	1.5963	50.63	4.412	3.7270	3.801
%RSD	.1818476	.2138336	.1740888	.4721315	.2158509
#1	877.7787	23627.15	2537.229	785.6144	1756.914
#2	879.4756	23728.29	2536.218	789.5446	1764.513
#3	876.2851	23682.22	2529.132	793.0647	1760.885

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164545BL Acquired: 11/13/2024 0:46:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS545 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022214	-.001030	-.003557	.0002743	.0005392	-.012346	.0002548
Stddev	.0057882	.001751	.001929	.0095214	.0003721	.007960	.0001092
%RSD	260.5621	170.0438	54.22599	3470.746	69.00446	64.47033	42.83822
#1	-.004443	.000658	-.005714	-.005812	.0008405	-.016944	.0001715
#2	.005112	-.000910	-.001998	-.004612	.0001233	-.016940	.0003784
#3	.005995	-.002838	-.002959	.011247	.0006537	-.003155	.0002145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000271	-.000212	-.001021	-.000184	.0001441	-.000285	-.001967
Stddev	.0000784	.000076	.009542	.000939	.0002617	.001518	.008335
%RSD	289.2359	36.00298	934.9147	511.0714	181.6728	532.3446	423.8257
#1	.0000493	-.000218	-.011974	.000217	.0003292	.001232	.005701
#2	.0000919	-.000284	.003421	.000488	.0002584	-.001804	-.010838
#3	-.000060	-.000132	.005491	-.001256	-.000155	-.000284	-.000763

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001287	-.054531	-.000653	.0008811	.4306442	.0043544	-.000867
Stddev	.001343	.074375	.000418	.0003074	.1964805	.0076219	.000140
%RSD	104.3158	136.3896	64.07160	34.88454	45.62478	175.0384	16.13813
#1	-.002830	-.000635	-.000781	.0007427	.3646335	-.004405	-.001029
#2	-.000651	-.023574	-.000185	.0012333	.2756694	.007997	-.000795
#3	-.000381	-.139385	-.000992	.0006673	.6516296	.009471	-.000778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048793	-.000536	-.001528	.0003878	.0021787	-.000287	-.005659
Stddev	.1372654	.003300	.000607	.0003960	.0046768	.000091	.000412
%RSD	130.8794	615.7256	39.69692	102.1046	214.6628	31.71306	7.280158
#1	.2591565	-.004336	-.001365	.0000681	.0025831	-.000360	-.005438
#2	.0592156	.001120	-.001020	.0008307	.0066401	-.000316	-.006134
#3	-.003734	.001609	-.002200	.0002646	-.002687	-.000185	-.005404

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164545BL Acquired: 11/13/2024 0:46:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS545 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0008750	-.001121	-.000122
Stddev	.0024185	.001488	.000082
%RSD	276.4050	132.7208	66.99745
#1	.0012024	-.001979	-.000058
#2	-.001691	.000597	-.000214
#3	.003113	-.001981	-.000094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	879.4026	23642.71	2500.343	788.4507	1765.109
Stddev	2.4330	41.51	8.412	4.1026	3.767
%RSD	.2766615	.1755631	.3364325	.5203312	.2134029
#1	877.2259	23653.29	2490.664	784.2657	1765.387
#2	882.0291	23596.93	2505.893	792.4656	1768.728
#3	878.9528	23677.90	2504.471	788.6209	1761.210

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164545BS Acquired: 11/13/2024 0:50:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS545 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196355	.0540887	.0189466	.0628122	.1072610	.3843711
Stddev	.0159664	.0008194	.0043684	.0084862	.0020227	.0106388
%RSD	81.31386	1.514953	23.05621	13.51048	1.885793	2.767841
#1	.0345756	.0531655	.0166826	.0725284	.1093734	.3952900
#2	.0215207	.0543710	.0161750	.0590553	.1053419	.3837869
#3	.0028102	.0547296	.0239823	.0568528	.1070677	.3740365

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4251156	.0109285	.0106883	10.99358	.0210432	.1015252
Stddev	.0014282	.0002103	.0000679	.03384	.0008171	.0001350
%RSD	.3359636	1.924761	.6349400	.3078483	3.882782	.1329704
#1	.4247743	.0107268	.0106881	10.95450	.0201072	.1014157
#2	.4266836	.0111466	.0106206	11.01265	.0214090	.1014838
#3	.4238890	.0109120	.0107564	11.01358	.0216134	.1016760

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0495899	.2153862	.0327256	10.37291	.0848180	.0228481
Stddev	.0038514	.0392675	.0011966	.13823	.0005802	.0002144
%RSD	7.766551	18.23123	3.656349	1.332624	.6840126	.9384927
#1	.0467981	.1700595	.0330062	10.24050	.0849559	.0226605
#2	.0479878	.2390775	.0337569	10.36194	.0841813	.0230819
#3	.0539837	.2370215	.0314137	10.51631	.0853168	.0228020

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89679	.1124953	.1122999	9.969409	.0148694	F -.000860
Stddev	.13233	.0130890	.0005920	.032830	.0011104	.000630
%RSD	1.214432	11.63515	.5271614	.3293086	7.467493	73.21815
#1	10.77717	.1068908	.1129177	9.981319	.0159411	-.001489
#2	10.87428	.1274534	.1117376	9.994622	.0149429	-.000861
#3	11.03894	.1031418	.1122445	9.932286	.0137241	-.000230

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164545BS Acquired: 11/13/2024 0:50:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS545 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0195386	.1744208	F .4602887	F .0076213	.2045804	.0299938
Stddev	.0001289	.0040712	.0021257	.0013619	.0031268	.0011717
%RSD	.6594990	2.334128	.4618195	17.86908	1.528380	3.906383
#1	.0196221	.1702159	.4596185	.0089733	.2078485	.0286575
#2	.0196034	.1783437	.4626687	.0062497	.2042753	.0308447
#3	.0193902	.1747027	.4585788	.0076409	.2016173	.0304793

Elem	Sr4077
Units	ppm
Avg	.2134075
Stddev	.0004483
%RSD	.2100632
#1	.2129395
#2	.2134501
#3	.2138330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	873.8992	23557.16	2479.097	781.8169	1733.371
Stddev	1.0889	36.67	9.040	1.8721	1.384
%RSD	.1245968	.1556803	.3646546	.2394595	.0798244
#1	874.8053	23554.95	2487.605	780.3076	1733.716
#2	872.6913	23594.88	2469.605	783.9118	1731.848
#3	874.2011	23521.63	2480.079	781.2313	1734.551

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164584BS Acquired: 11/13/2024 0:55:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS584 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0233184	.0529721	.0196283	.0654937	.1093025	.3964421
Stddev	.0043854	.0049810	.0023466	.0040998	.0039928	.0066858
%RSD	18.80657	9.403167	11.95508	6.259820	3.653016	1.686440
#1	.0262776	.0585978	.0205520	.0702155	.1058307	.4032306
#2	.0182801	.0491226	.0213725	.0634283	.1136657	.3962316
#3	.0253975	.0511958	.0169604	.0628375	.1084112	.3898641

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4256483	.0109795	.0107794	11.08367	.0209798	.1020265
Stddev	.0017282	.0000285	.0000491	.07525	.0006918	.0003357
%RSD	.4060261	.2595840	.4553381	.6789153	3.297513	.3290370
#1	.4257203	.0109991	.0107335	11.09987	.0216709	.1019391
#2	.4238851	.0109468	.0108312	11.00164	.0202873	.1023972
#3	.4273394	.0109926	.0107736	11.14951	.0209812	.1017431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0472654	.2239654	.0324539	10.42135	.0853272	.0230932
Stddev	.0030434	.0114892	.0011587	.11687	.0001303	.0003840
%RSD	6.439006	5.129893	3.570231	1.121469	.1527022	1.662919
#1	.0444548	.2211739	.0333622	10.36586	.0854583	.0231120
#2	.0504977	.2141291	.0311490	10.34256	.0851977	.0227001
#3	.0468436	.2365931	.0328506	10.55563	.0853256	.0234674

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.79168	.1242500	.1107091	9.905511	.0167917	F -.000867
Stddev	.37658	.0034692	.0008976	.033466	.0015735	.000965
%RSD	3.489574	2.792113	.8107695	.3378521	9.370720	111.2627
#1	11.20935	.1236319	.1117251	9.871472	.0151073	-.001830
#2	10.47805	.1279867	.1100238	9.906687	.0182238	-.000871
#3	10.68765	.1211314	.1103784	9.938373	.0170440	.000100

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164584BS Acquired: 11/13/2024 0:55:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS584 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0194430	.1817455	F .4611953	F .0077013	.2065774	.0292170
Stddev	.0002765	.0045857	.0048009	.0016078	.0012731	.0009109
%RSD	1.422233	2.523162	1.040972	20.87671	.6162586	3.117696
#1	.0193477	.1821486	.4663377	.0072165	.2051769	.0283323
#2	.0197545	.1769715	.4568310	.0094957	.2068910	.0291667
#3	.0192267	.1861163	.4604171	.0063917	.2076644	.0301521

Elem	Sr4077
Units	ppm
Avg	.2138936
Stddev	.0008622
%RSD	.4030725
#1	.2131423
#2	.2137037
#3	.2148349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	871.4575	23561.06	2481.837	782.5950	1731.985
Stddev	.3925	19.51	12.337	.8284	.346
%RSD	.0450349	.0828123	.4970800	.1058521	.0199615
#1	871.1453	23543.29	2469.731	783.2619	1732.020
#2	871.8980	23581.94	2494.392	782.8553	1731.622
#3	871.3291	23557.94	2481.387	781.6677	1732.311

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-07DLX2 Acquired: 11/13/2024 0:59:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4403363	.0152508	.3768113	-.003856	.0135411	91.28272	1.355844
Stddev	.0032857	.0007108	.0005833	.004704	.0028102	.93909	.013438
%RSD	.7461685	4.660549	.1548025	122.0069	20.75290	1.028766	.9910940
#1	.4422883	.0152799	.3773082	-.008720	.0130661	92.33867	1.371350
#2	.4421777	.0159466	.3769567	.000671	.0109988	90.96833	1.347610
#3	.4365429	.0145259	.3761691	-.003518	.0165586	90.54117	1.348571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031391	.0187757	19.47478	.2171397	.1463264	.9047780	285.2999
Stddev	.0000332	.0001713	.27816	.0048846	.0004216	.0154281	3.6468
%RSD	1.056799	.9122713	1.428326	2.249510	.2881040	1.705175	1.278248
#1	.0031759	.0187058	19.78446	.2227289	.1467472	.9225765	289.3587
#2	.0031117	.0186504	19.39373	.2150004	.1459040	.8952181	284.2423
#3	.0031296	.0189709	19.24614	.2136897	.1463280	.8965396	282.2987

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.238820	48.13420	.2985533	-.019379	1.349298	.5675344	.8139966
Stddev	.055514	.62229	.0014469	.000789	.163841	.0058026	.0162094
%RSD	.8898096	1.292823	.4846341	4.073811	12.14269	1.022425	1.991338
#1	6.297043	48.82375	.2973355	-.018532	1.505036	.5718440	.8320975
#2	6.232933	47.96445	.3001528	-.020095	1.178406	.5698228	.8008214
#3	6.186485	47.61440	.2981718	-.019510	1.364451	.5609366	.8090709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.40574	5.162113	.2065002	.0000750	.6881500	7.977332	.0002243
Stddev	.23237	.012331	.0021614	.0003503	.0069693	.124529	.0046514
%RSD	1.416419	.2388823	1.046693	467.0805	1.012765	1.561034	2073.975
#1	16.63693	5.151753	.2086454	.0004077	.6801061	8.110353	.0036592
#2	16.40808	5.175753	.2065323	.0001080	.6919646	7.958113	.0020825
#3	16.17220	5.158834	.2043230	-.000291	.6923794	7.863530	-.005069

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-07DLX2 Acquired: 11/13/2024 0:59:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.175546	.0822516	.2518256
Stddev	.033178	.0014593	.0023212
%RSD	1.044811	1.774198	.9217466
#1	3.212344	.0835925	.2544796
#2	3.166380	.0824648	.2508230
#3	3.147914	.0806974	.2501742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	922.2181	25047.11	2691.060	822.9099	1650.365
Stddev	.6640	381.80	32.944	14.6632	3.389
%RSD	.0720012	1.524315	1.224206	1.781869	.2053288
#1	921.4586	24606.55	2655.803	806.2600	1652.862
#2	922.6884	25281.54	2696.318	833.8983	1651.725
#3	922.5075	25253.23	2721.059	828.5714	1646.507

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-08DLX2 Acquired: 11/13/2024 1:04:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3022981	.0155819	.3364298	-.007575	.0113055	81.67273	1.205073
Stddev	.0105884	.0019801	.0054170	.007112	.0026087	.32501	.008705
%RSD	3.502622	12.70758	1.610131	93.88049	23.07470	.3979440	.7223672
#1	.3098608	.0141709	.3340842	-.014956	.0137997	81.39473	1.199628
#2	.2901971	.0178455	.3325809	-.007002	.0085957	81.59340	1.200478
#3	.3068364	.0147294	.3426243	-.000767	.0115211	82.03007	1.215113

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026310	.0153689	17.72303	.2019582	.1357136	.8078503	251.5390
Stddev	.0001284	.0001732	.02898	.0007783	.0009011	.0054665	.6622
%RSD	4.880125	1.127195	.1635069	.3853799	.6639904	.6766759	.2632676
#1	.0025763	.0151893	17.72251	.2017563	.1362551	.8071518	250.8294
#2	.0027777	.0153826	17.75227	.2028176	.1362123	.8027666	251.6469
#3	.0025391	.0155349	17.69432	.2013007	.1346734	.8136325	252.1406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.056070	44.95364	.2680759	-.017734	1.290215	.4894909	.7511378
Stddev	.013908	.26898	.0016904	.000570	.153267	.0065855	.0017248
%RSD	.2750701	.5983605	.6305491	3.212425	11.87917	1.345374	.2296283
#1	5.047329	44.64396	.2664941	-.017228	1.121695	.4824282	.7510971
#2	5.048773	45.08785	.2698571	-.017623	1.327660	.4905816	.7494336
#3	5.072107	45.12911	.2678764	-.018351	1.421289	.4954630	.7528826

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48354	4.816287	.1813107	-.000680	.5564455	7.538790	-.000643
Stddev	.06928	.011806	.0017155	.000831	.0079637	.014430	.001694
%RSD	.4783218	.2451214	.9461501	122.2294	1.431174	.1914165	263.4088
#1	14.43859	4.829790	.1809500	-.001155	.5472507	7.522391	.001165
#2	14.44870	4.807916	.1798044	-.001166	.5611559	7.544426	-.002195
#3	14.56332	4.811155	.1831779	.000280	.5609298	7.549551	-.000899

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-08DLX2 Acquired: 11/13/2024 1:04:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.659660	.0726829	.2183110
Stddev	.011781	.0006947	.0009993
%RSD	.4429418	.9557458	.4577632
#1	2.652961	.0734845	.2173970
#2	2.652756	.0723091	.2181580
#3	2.673263	.0722553	.2193780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.8021	25324.68	2709.101	831.9378	1660.379
Stddev	1.0811	73.12	2.101	.8753	2.604
%RSD	.1167793	.2887479	.0775560	.1052126	.1568191
#1	926.3803	25287.89	2709.443	831.8553	1660.461
#2	926.4712	25277.25	2706.850	832.8515	1662.941
#3	924.5548	25408.89	2711.010	831.1067	1657.736

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-07LDLX10 Acquired: 11/13/2024 1:08:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1000929	.0031677	.0809331	-.000224	.0049157	19.90490	.2985859
Stddev	.0033716	.0032381	.0007041	.006385	.0035597	.04858	.0019910
%RSD	3.368505	102.2226	.8699684	2853.534	72.41523	.2440758	.6668170
#1	.1011119	-.000566	.0802609	-.005663	.0064659	19.89585	.2969925
#2	.1028374	.004865	.0816653	.006806	.0008437	19.95737	.3008179
#3	.0963293	.005204	.0808731	-.001815	.0074375	19.86147	.2979474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007342	.0034398	4.133859	.0460598	.0305607	.1989111	63.57517
Stddev	.0000333	.0001901	.028657	.0000915	.0002748	.0020845	.13492
%RSD	4.536934	5.525245	.6932230	.1985520	.8990707	1.047935	.2122267
#1	.0007191	.0032475	4.106553	.0460779	.0306609	.1990921	63.49525
#2	.0007724	.0034444	4.131325	.0459606	.0302499	.2008991	63.49932
#3	.0007112	.0036275	4.163699	.0461408	.0307713	.1967420	63.73095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.393617	10.36809	.0604647	-.003545	.3704032	.1323052	.1822982
Stddev	.009602	.17778	.0004257	.000211	.3235934	.0109604	.0002280
%RSD	.6889942	1.714650	.7039649	5.939305	87.36249	8.284168	.1250428
#1	1.388360	10.39795	.0609554	-.003635	.7436321	.1205950	.1822864
#2	1.404700	10.17728	.0602425	-.003696	.1992092	.1340029	.1820764
#3	1.387792	10.52905	.0601960	-.003305	.1683681	.1423176	.1825318

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.502112	1.069915	.0449362	-.000049	.1432786	1.782699	-.008752
Stddev	.058575	.009089	.0008258	.000291	.0043700	.001358	.001138
%RSD	1.672552	.8495025	1.837733	598.1178	3.049996	.0761684	13.00743
#1	3.454902	1.061242	.0444408	.000201	.1428183	1.784264	-.007556
#2	3.567662	1.069134	.0444784	-.000368	.1391570	1.781998	-.009822
#3	3.483772	1.079369	.0458895	.000022	.1478606	1.781834	-.008877

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-07LDLX10 Acquired: 11/13/2024 1:08:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6946771	.0164634	.0550568
Stddev	.0048260	.0008827	.0002792
%RSD	.6947065	5.361847	.5071526
#1	.6973516	.0156142	.0550106
#2	.6975736	.0173763	.0553563
#3	.6891060	.0163997	.0548036

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	893.1304	24037.40	2554.554	795.6064	1735.115
Stddev	1.2702	31.71	4.165	3.6614	1.825
%RSD	.1422150	.1318999	.1630598	.4602008	.1051711
#1	891.9487	24036.34	2554.164	799.7102	1733.237
#2	894.4736	24006.24	2550.596	794.4345	1736.882
#3	892.9690	24069.62	2558.900	792.6744	1735.225

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-09DLX2 Acquired: 11/13/2024 1:13:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5141300	.1116605	.4290397	.1631064	.1793391	96.01461	5.317619
Stddev	.0057536	.0021974	.0026685	.0037152	.0016071	.40615	.011688
%RSD	1.119087	1.967960	.6219623	2.277744	.8961251	.4230037	.2197899
#1	.5085298	.1126518	.4306921	.1588247	.1782568	95.55808	5.306396
#2	.5138348	.1131877	.4304658	.1654778	.1811858	96.33582	5.316740
#3	.5200255	.1091421	.4259612	.1650166	.1785749	96.14993	5.329722

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0985206	.1221629	18.91944	.6247100	1.161988	1.363295	289.5051
Stddev	.0006232	.0002213	.20239	.0039207	.002099	.011500	1.3381
%RSD	.6325352	.1811714	1.069772	.6276094	.1806450	.8435112	.4622103
#1	.0979022	.1221268	18.72568	.6267398	1.160708	1.375112	288.4069
#2	.0991484	.1219619	19.12949	.6271997	1.160846	1.352141	290.9955
#3	.0985112	.1224001	18.90313	.6201905	1.164411	1.362632	289.1130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.331630	47.72334	1.315049	.0703979	1.515087	1.589261	1.650707
Stddev	.014141	.23045	.000670	.0005912	.156902	.011864	.007035
%RSD	.1928723	.4828892	.0509202	.8397405	10.35596	.7464924	.4261551
#1	7.318584	47.60827	1.314507	.0710396	1.685180	1.600867	1.645109
#2	7.346657	47.98867	1.314843	.0702785	1.484071	1.589761	1.658603
#3	7.329647	47.57309	1.315798	.0698755	1.376009	1.577156	1.648407

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.73640	5.364920	.2089723	.0001974	.6928096	8.055647	.0009393
Stddev	.12287	.006199	.0014029	.0007715	.0090359	.068005	.0028265
%RSD	.7341556	.1155486	.6713290	390.7598	1.304241	.8441947	300.9123
#1	16.70222	5.368862	.2078977	.0008472	.6827598	7.977349	.0039884
#2	16.63424	5.357774	.2105594	.0004002	.6954058	8.099973	-.001593
#3	16.87274	5.368123	.2084599	-.000655	.7002632	8.089619	.000423

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-09DLX2 Acquired: 11/13/2024 1:13:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.205343	.0827021	.2548487
Stddev	.009414	.0008521	.0002250
%RSD	.2936832	1.030321	.0882994
#1	3.195079	.0824683	.2546316
#2	3.207377	.0819913	.2550809
#3	3.213573	.0836467	.2548336

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	923.9151	25314.08	2724.066	823.9456	1647.674
Stddev	1.1936	63.07	19.616	1.4805	.392
%RSD	.1291904	.2491629	.7200933	.1796810	.0237772
#1	922.9412	25277.91	2745.542	824.4670	1647.952
#2	923.5573	25277.41	2707.094	822.2750	1647.844
#3	925.2466	25386.90	2719.562	825.0949	1647.226

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20DLX5 Acquired: 11/13/2024 1:17:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189679	-.001872	.0214141	-.001291	.0022061	35.29525	.3539679
Stddev	.0016755	.000472	.0043382	.004411	.0031075	.06674	.0006554
%RSD	8.833514	25.18529	20.25854	341.7779	140.8624	.1890811	.1851609
#1	.0170372	-.002317	.0253557	.002980	-.001300	35.37230	.3546366
#2	.0200416	-.001378	.0167660	-.005830	.004620	35.25749	.3539405
#3	.0198249	-.001922	.0221205	-.001021	.003299	35.25594	.3533267

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010430	.0032749	240.7465	.3489551	.0668354	.0736508	93.37290
Stddev	.0001318	.0001353	.4577	.0014886	.0002788	.0029771	.17384
%RSD	12.63793	4.129827	.1901203	.4265795	.4171687	4.042155	.1861805
#1	.0009382	.0033447	241.0336	.3505967	.0671558	.0747673	93.45529
#2	.0009998	.0031190	240.2187	.3485756	.0667025	.0702768	93.17319
#3	.0011910	.0033611	240.9872	.3476930	.0666480	.0759082	93.49024

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431658	46.30854	.3798309	.0003452	1.392627	.3304095	.1129132
Stddev	.006185	.25613	.0017556	.0005948	.110773	.0134693	.0008352
%RSD	.4319972	.5531023	.4622160	172.3159	7.954283	4.076533	.7397250
#1	1.436348	46.36759	.3806049	.0007822	1.373271	.3162742	.1124690
#2	1.424649	46.02804	.3810665	.0005856	1.292807	.3430955	.1123940
#3	1.433976	46.52999	.3778212	-.000332	1.511803	.3318588	.1138767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.464545	1.024562	.0765197	-.000701	4.895288	2.741671	-.012640
Stddev	.102393	.008732	.0006810	.000727	.019761	.010013	.000857
%RSD	4.154658	.8522584	.8899891	103.7498	.4036742	.3652301	6.782792
#1	2.453812	1.019329	.0770465	-.000780	4.903103	2.748920	-.013517
#2	2.571882	1.034642	.0767620	.000063	4.872815	2.730246	-.011804
#3	2.367941	1.019715	.0757507	-.001385	4.909947	2.745848	-.012599

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20DLX5 Acquired: 11/13/2024 1:17:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4976018	.0299958	.3935343
Stddev	.0019982	.0023355	.0010324
%RSD	.4015573	7.785971	.2623412
#1	.4982846	.0274132	.3947250
#2	.4953517	.0319596	.3929884
#3	.4991690	.0306146	.3928894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	850.1892	23375.58	2544.469	764.2247	1556.488
Stddev	1.4208	67.53	8.510	4.9961	2.044
%RSD	.1671152	.2889094	.3344356	.6537465	.1313007
#1	848.5968	23352.91	2534.982	762.9121	1554.344
#2	850.6432	23322.29	2551.429	760.0159	1556.707
#3	851.3274	23451.53	2546.997	769.7460	1558.413

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-21DLX5 Acquired: 11/13/2024 1:21:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163638	-.000058	.0144055	-.004609	.0020051	28.55318	.1999264
Stddev	.0036131	.000391	.0015179	.005326	.0002612	.03569	.0002253
%RSD	22.08015	677.7326	10.53671	115.5738	13.02776	.1249902	.1127052
#1	.0123722	.000042	.0128180	-.010756	.0017138	28.56456	.2001563
#2	.0194108	-.000488	.0145560	-.001702	.0020828	28.51318	.1999169
#3	.0173084	.000273	.0158425	-.001368	.0022185	28.58178	.1997059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007988	.0017050	220.3684	.2626132	.0410382	.0488412	58.77781
Stddev	.0000621	.0000498	.6818	.0003079	.0003177	.0031993	.09313
%RSD	7.775454	2.919487	.3094003	.1172586	.7740358	6.550456	.1584429
#1	.0007300	.0016859	220.2626	.2626430	.0406855	.0497452	58.86485
#2	.0008508	.0016676	221.0969	.2629052	.0411273	.0514912	58.67960
#3	.0008156	.0017615	219.7456	.2622915	.0413017	.0452871	58.78898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9546717	29.83792	.3092084	.0020218	.8397910	.1658652	.0812269
Stddev	.0043472	.16739	.0006459	.0004001	.1722746	.0052340	.0004729
%RSD	.4553651	.5610026	.2088891	19.79163	20.51398	3.155557	.5822112
#1	.9596195	29.64671	.3090128	.0020771	.9850521	.1652774	.0806815
#2	.9529314	29.95799	.3086830	.0023914	.8848589	.1713682	.0814775
#3	.9514643	29.90906	.3099295	.0015968	.6494619	.1609499	.0815219

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.119634	.6094110	.0511175	-.000961	3.658028	2.261576	-.011689
Stddev	.030841	.0038615	.0011023	.000226	.021751	.005710	.000238
%RSD	1.455023	.6336392	2.156355	23.56370	.5945970	.2524825	2.039525
#1	2.143087	.6078105	.0517563	-.000722	3.653177	2.267608	-.011778
#2	2.131115	.6066071	.0498447	-.001172	3.639113	2.256254	-.011871
#3	2.084699	.6138154	.0517515	-.000990	3.681795	2.260867	-.011419

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-21DLX5 Acquired: 11/13/2024 1:21:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3583940	.0230946	.3112063
Stddev	.0029351	.0003920	.0002848
%RSD	.8189519	1.697507	.0915024
#1	.3573880	.0226670	.3114364
#2	.3616997	.0231796	.3108878
#3	.3560941	.0234371	.3112948

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	849.0482	23364.13	2520.595	762.0213	1584.042
Stddev	1.4078	55.57	8.552	1.8580	2.830
%RSD	.1658123	.2378410	.3392735	.2438212	.1786762
#1	849.4234	23305.43	2510.842	764.1608	1581.781
#2	850.2305	23371.04	2526.813	760.8142	1587.217
#3	847.4908	23415.92	2524.129	761.0889	1583.129

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-22DLX5 Acquired: 11/13/2024 1:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474447	.0380654	.0382237	.0639821	.0674979	35.26566	1.872423
Stddev	.0071107	.0065411	.0035241	.0031159	.0015327	.09400	.004820
%RSD	14.98733	17.18389	9.219596	4.869961	2.270689	.2665503	.2573972
#1	.0526081	.0424380	.0400599	.0630635	.0689667	35.35982	1.874787
#2	.0503917	.0412125	.0341607	.0614288	.0676185	35.17182	1.866878
#3	.0393343	.0305456	.0404505	.0674541	.0659085	35.26535	1.875605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0393545	.0422183	230.7796	.4960986	.4504944	.2510128	90.53083
Stddev	.0001424	.0001871	.6066	.0004494	.0006931	.0041933	.14016
%RSD	.3618555	.4430993	.2628432	.0905852	.1538446	1.670566	.1548193
#1	.0392020	.0423434	231.4795	.4963885	.4512534	.2551139	90.69267
#2	.0394841	.0423083	230.4061	.4963263	.4498951	.2467330	90.44853
#3	.0393773	.0420033	230.4532	.4955809	.4503348	.2511914	90.45130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.762291	44.53398	.7526554	.0360046	1.084253	.7171953	.4379590
Stddev	.007939	.19289	.0004311	.0006133	.130468	.0096976	.0020658
%RSD	.4504652	.4331215	.0572755	1.703300	12.03295	1.352158	.4716781
#1	1.763659	44.72815	.7528034	.0366227	1.135142	.7111191	.4365482
#2	1.753758	44.53140	.7521698	.0353963	.936009	.7120876	.4369987
#3	1.769457	44.34240	.7529930	.0359948	1.181607	.7283791	.4403301

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.403420	.9906893	.0735228	-.000636	4.698208	2.734571	-.013191
Stddev	.095606	.0077725	.0008384	.000355	.014402	.013859	.000250
%RSD	3.977919	.7845507	1.140278	55.84334	.3065514	.5068162	1.893499
#1	2.513175	.9995914	.0727780	-.000678	4.688445	2.738700	-.013382
#2	2.358833	.9872259	.0744308	-.000261	4.691431	2.719116	-.013282
#3	2.338251	.9852505	.0733596	-.000967	4.714749	2.745897	-.012908

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-22DLX5 Acquired: 11/13/2024 1:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4811546	.0280644	.3783222
Stddev	.0039787	.0009476	.0009915
%RSD	.8268954	3.376365	.2620876
#1	.4789501	.0284072	.3794660
#2	.4787662	.0287928	.3777058
#3	.4857475	.0269931	.3777949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	852.3989	23469.54	2540.635	765.6747	1565.047
Stddev	1.2769	62.68	5.966	2.0777	.075
%RSD	.1498033	.2670702	.2348219	.2713615	.0047607
#1	850.9494	23397.17	2535.326	763.7058	1565.038
#2	853.3576	23507.03	2547.091	767.8464	1564.978
#3	852.8896	23504.40	2539.488	765.4719	1565.126

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20LDLX25 Acquired: 11/13/2024 1:30:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101556	.0010622	.0052081	.0008443	.0007603	7.057685	.0713712
Stddev	.0064446	.0011340	.0016588	.0020382	.0023432	.043823	.0006959
%RSD	63.45876	106.7674	31.84964	241.4138	308.1918	.6209211	.9750108
#1	.0152604	.0004644	.0070029	.0010193	.0000508	7.107101	.0719396
#2	.0029139	.0003520	.0048899	.0027893	-.001146	7.023547	.0705952
#3	.0122926	.0023700	.0037315	-.001276	.003376	7.042406	.0715790

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002324	.0003586	47.81631	.0709480	.0120383	.0132081	19.05400
Stddev	.0000517	.0001010	.31142	.0009559	.0002190	.0046369	.07346
%RSD	22.24097	28.16583	.6512803	1.347299	1.819182	35.10669	.3855425
#1	.0002439	.0004260	48.17405	.0719244	.0117877	.0182358	19.13620
#2	.0002774	.0002425	47.60580	.0700141	.0121337	.0090995	19.03104
#3	.0001759	.0004074	47.66909	.0709054	.0121933	.0122891	18.99476

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2920873	9.205520	.0735717	.0012256	.5722300	.0711861	.0606718
Stddev	.0026461	.077223	.0005130	.0003234	.2040219	.0024739	.0003538
%RSD	.9059380	.8388753	.6972755	26.38623	35.65383	3.475285	.5832002
#1	.2944601	9.253165	.0733073	.0010005	.3370900	.0711196	.0607604
#2	.2925681	9.246974	.0741630	.0010801	.7023225	.0736926	.0602821
#3	.2892338	9.116423	.0732449	.0015961	.6772777	.0687461	.0609730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5490516	.1893132	.0148346	-.000224	.9093140	.5530479	-.008980
Stddev	.0419901	.0025167	.0007934	.000098	.0071195	.0034014	.001676
%RSD	7.647756	1.329385	5.348169	43.98613	.7829509	.6150327	18.66386
#1	.5769536	.1892117	.0141130	-.000175	.9149533	.5554887	-.007100
#2	.5694412	.1918792	.0156842	-.000159	.9013140	.5544923	-.009520
#3	.5007600	.1868488	.0147065	-.000337	.9116746	.5491626	-.010319

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20LDLX25 Acquired: 11/13/2024 1:30:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0996121	.0028143	.0788553
Stddev	.0010701	.0006337	.0002259
%RSD	1.074296	22.51684	.2864946
#1	.0999860	.0034189	.0791152
#2	.1004452	.0028691	.0787062
#3	.0984052	.0021550	.0787445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	877.1595	23740.09	2537.055	784.2071	1707.834
Stddev	.3416	15.85	14.679	2.7481	2.839
%RSD	.0389491	.0667614	.5785654	.3504256	.1662521
#1	876.8012	23724.37	2521.290	781.3874	1709.028
#2	877.4816	23756.07	2539.546	786.8775	1709.881
#3	877.1959	23739.83	2550.328	784.3563	1704.592

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-04 Acquired: 11/13/2024 1:35:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041052	.0000660	.0032407	-.002260	.0004801	.0225760	.1044424
Stddev	.0030701	.0035144	.0011834	.003198	.0003346	.0070615	.0007247
%RSD	74.78717	5321.494	36.51606	141.5335	69.69113	31.27897	.6938828
#1	.0074848	.0020048	.0033988	.000718	.0002520	.0210517	.1038274
#2	.0033424	.0021840	.0019863	-.001857	.0003240	.0302752	.1042583
#3	.0014883	-.003991	.0043371	-.005640	.0008642	.0164011	.1052414

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000296	-.000249	76.76272	.0136127	-.001230	.0023526	-.006007
Stddev	.0001082	.000233	.11540	.0007218	.000508	.0003161	.025633
%RSD	365.3152	93.54295	.1503372	5.302386	41.31479	13.43677	426.6926
#1	.0000932	-.000133	76.72826	.0143071	-.000918	.0022333	-.035368
#2	-.000095	-.000097	76.89143	.0136645	-.001816	.0021134	.011910
#3	.000091	-.000516	76.66848	.0128663	-.000955	.0027109	.005436

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000506	25.54005	.0092044	.0038569	22.12991	.0021200	-.000705
Stddev	.001460	.14514	.0001756	.0001923	.13351	.0086993	.000142
%RSD	288.5667	.5682840	1.908036	4.985981	.6032856	410.3420	20.08453
#1	-.001110	25.41289	.0090023	.0040751	21.99288	.0038813	-.000731
#2	.001159	25.50910	.0092912	.0037123	22.13726	-.007325	-.000552
#3	-.001567	25.69817	.0093198	.0037831	22.25959	.009804	-.000832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2116337	.0316525	.0036636	-.000007	7.069762	6.629113	-.014094
Stddev	.1409510	.0023996	.0006513	.000300	.028624	.034827	.000530
%RSD	66.60138	7.581176	17.77838	4115.614	.4048766	.5253646	3.763664
#1	.0536219	.0296832	.0037921	-.000275	7.039726	6.624454	-.014053
#2	.3244239	.0343252	.0029576	.000317	7.072833	6.666036	-.014644
#3	.2568552	.0309489	.0042410	-.000063	7.096726	6.596851	-.013585

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-04 Acquired: 11/13/2024 1:35:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002150	-.000126	.1838661
Stddev	.001580	.001358	.0004350
%RSD	73.49053	1075.425	.2366131
#1	-.003400	-.001552	.1836989
#2	-.002674	.000022	.1835394
#3	-.000374	.001152	.1843599

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	911.1442	24586.16	2628.526	827.3310	1758.568
Stddev	2.6312	24.68	6.372	2.1967	4.621
%RSD	.2887799	.1003760	.2424184	.2655182	.2627695
#1	913.4973	24578.77	2633.038	825.2747	1761.208
#2	911.6323	24613.69	2621.237	829.6453	1761.264
#3	908.3032	24566.02	2631.303	827.0729	1753.232

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-05 Acquired: 11/13/2024 1:39:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007039	-.002089	.0052360	-.008161	.0005844	.0306505	.1069991
Stddev	.0044203	.003563	.0018214	.004098	.0012096	.0019575	.0003234
%RSD	627.9639	170.5607	34.78622	50.21149	206.9802	6.386628	.3022399
#1	.0057922	-.001740	.0071906	-.007175	.0019307	.0327739	.1066619
#2	-.001492	-.005814	.0035863	-.012662	-.000411	.0289178	.1070288
#3	-.002189	.001287	.0049310	-.004646	.000233	.0302597	.1073066

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000457	-.000242	78.03067	.0140154	-.001427	-.001424	-.003143
Stddev	.0000542	.000070	.50004	.0009527	.000369	.003970	.023347
%RSD	118.7197	28.88838	.6408192	6.797264	25.89657	278.8728	742.8671
#1	-.000011	-.000320	78.59458	.0143570	-.001507	-.000845	-.017674
#2	.000097	-.000185	77.85614	.0129390	-.001750	-.005652	.023788
#3	.000051	-.000222	77.64130	.0147502	-.001024	.002225	-.015542

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003474	25.97716	.0086147	.0031661	22.65978	.0085565	-.000419
Stddev	.0013940	.08291	.0002538	.0001418	.15241	.0066172	.000133
%RSD	401.3145	.3191822	2.945530	4.478987	.6725888	77.33538	31.75925
#1	.0007016	26.06145	.0083689	.0030560	22.77749	.0082300	-.000499
#2	.0015301	25.97435	.0085995	.0033261	22.71423	.0021086	-.000265
#3	-.001190	25.89569	.0088757	.0031161	22.48763	.0153309	-.000492

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1269895	.0289283	.0038146	-.000357	7.174395	6.748232	-.012744
Stddev	.0901372	.0018912	.0002948	.000317	.006405	.055921	.001651
%RSD	70.98006	6.537545	7.727834	88.80142	.0892739	.8286738	12.95624
#1	.2223770	.0292356	.0041547	.000007	7.171817	6.811480	-.012411
#2	.0432314	.0269023	.0036324	-.000569	7.169681	6.727871	-.011284
#3	.1153601	.0306471	.0036566	-.000509	7.181687	6.705344	-.014536

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-05 Acquired: 11/13/2024 1:39:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.002548	-.001777	.1891020
Stddev	.001175	.000099	.0004041
%RSD	46.10149	5.558420	.2136920
#1	-.001204	-.001815	.1895675
#2	-.003381	-.001850	.1888415
#3	-.003058	-.001665	.1888971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	905.7719	24466.97	2604.277	818.8072	1751.200
Stddev	2.8674	29.50	10.646	2.6048	7.721
%RSD	.3165643	.1205576	.4087970	.3181254	.4409080
#1	907.4047	24492.22	2592.723	815.8026	1755.034
#2	907.4500	24434.55	2606.419	820.4296	1756.253
#3	902.4611	24474.13	2613.690	820.1894	1742.312

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-06 Acquired: 11/13/2024 1:44:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0444623	.0497900	.0248070	.0890325	.0890557	1.991660	2.193654
Stddev	.0021508	.0033507	.0032266	.0081147	.0009727	.040315	.026979
%RSD	4.837339	6.729704	13.00679	9.114272	1.092208	2.024210	1.229846
#1	.0424199	.0534982	.0240612	.0942681	.0880305	2.031225	2.217489
#2	.0467072	.0469797	.0283412	.0796850	.0891709	1.950634	2.164365
#3	.0442599	.0488920	.0220186	.0931444	.0899656	1.993122	2.199108

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554957	.0530112	76.85065	.2379023	.5046262	.2412664	1.145221
Stddev	.0010587	.0001291	1.39564	.0019360	.0004657	.0040005	.010962
%RSD	1.907665	.2434520	1.816041	.8137664	.0922884	1.658127	.9571635
#1	.0565812	.0531393	78.35274	.2400956	.5049694	.2455065	1.140216
#2	.0544661	.0530129	75.59404	.2364318	.5040961	.2375589	1.157792
#3	.0554397	.0528812	76.60518	.2371794	.5048131	.2407337	1.137656

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5411447	25.48993	.5251431	.0537086	21.92192	.5475294	.4602113
Stddev	.0079740	.68573	.0003860	.0007447	.32921	.0084678	.0057171
%RSD	1.473543	2.690195	.0735047	1.386516	1.501737	1.546552	1.242280
#1	.5484011	26.18570	.5255590	.0545366	22.29088	.5461443	.4667887
#2	.5326080	24.81470	.5247963	.0530937	21.65817	.5398396	.4564347
#3	.5424250	25.46937	.5250740	.0534953	21.81672	.5566045	.4574104

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1474699	.0326639	.0058163	-.000611	7.035896	6.653976	-.012750
Stddev	.0175404	.0011210	.0004353	.000240	.023210	.112828	.000069
%RSD	11.89425	3.431993	7.484506	39.34669	.3298731	1.695647	.5451311
#1	.1314911	.0334770	.0058642	-.000456	7.014099	6.770124	-.012821
#2	.1662378	.0331296	.0062257	-.000887	7.033292	6.544790	-.012746
#3	.1446807	.0313851	.0053590	-.000488	7.060298	6.647014	-.012682

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-06 Acquired: 11/13/2024 1:44:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001456	-.001189	.1870170
Stddev	.001612	.000470	.0027635
%RSD	110.6766	39.51404	1.477684
#1	-.000057	-.000718	.1898244
#2	-.003219	-.001192	.1842995
#3	-.001094	-.001657	.1869270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	903.4981	24327.10	2583.713	814.3594	1745.712
Stddev	1.7657	118.96	37.299	6.0940	2.604
%RSD	.1954325	.4890017	1.443605	.7483130	.1491462
#1	905.3003	24189.77	2544.932	807.7423	1748.706
#2	903.4229	24393.08	2619.327	819.7408	1743.978
#3	901.7712	24398.45	2586.882	815.5951	1744.452

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-04DLX5 Acquired: 11/13/2024 1:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020520	.0000381	.0038741	.0021392	-.000987	.0062789	.0207809
Stddev	.0047559	.0051769	.0035757	.0040943	.000611	.0083727	.0002242
%RSD	231.7686	13592.05	92.29677	191.3940	61.88440	133.3466	1.078858
#1	.0072397	-.005220	.0075485	-.001039	-.001545	-.001095	.0210334
#2	.0010185	.005129	.0036679	.000697	-.000334	.015381	.0206052
#3	-.002102	.000205	.0004060	.006759	-.001083	.004551	.0207040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000824	-.000306	14.87315	.0022207	-.000724	-.000348	-.005194
Stddev	.0000433	.000257	.03831	.0006674	.000163	.000123	.037015
%RSD	52.57068	83.97096	.2575556	30.05284	22.55894	35.39759	712.7100
#1	.0000618	-.000012	14.89193	.0018560	-.000791	-.000408	-.004018
#2	.0000532	-.000423	14.82908	.0029910	-.000843	-.000207	.031220
#3	.0001321	-.000485	14.89845	.0018152	-.000538	-.000431	-.042782

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003813	4.854442	.0011999	.0011620	4.503831	.0028708	-.000327
Stddev	.0019845	.056597	.0004907	.0001513	.065153	.0035048	.000112
%RSD	520.5093	1.165878	40.89710	13.02446	1.446607	122.0877	34.26585
#1	-.001166	4.801737	.0012352	.0011021	4.578131	.0050957	-.000306
#2	.002619	4.847330	.0006925	.0013342	4.476901	.0046859	-.000227
#3	-.000308	4.914259	.0016721	.0010498	4.456460	-.001169	-.000448

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0451047	.0063246	-.000394	.0000180	1.321764	1.285485	-.009920
Stddev	.0863621	.0006676	.001399	.0003824	.013582	.005418	.001378
%RSD	191.4702	10.55530	355.3907	2123.340	1.027584	.4214751	13.88630
#1	-.006826	.0059900	.000930	-.000041	1.307067	1.291481	-.008465
#2	-.002658	.0058904	-.000254	.000426	1.333854	1.280941	-.010092
#3	.144798	.0070933	-.001857	-.000331	1.324370	1.284033	-.011204

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-04DLX5 Acquired: 11/13/2024 1:48:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B86L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0004089	-.002849	.0365530
Stddev	.0014377	.000530	.0001789
%RSD	351.5817	18.58866	.4893088
#1	.0008068	-.002239	.0365852
#2	.0016058	-.003190	.0363603
#3	-.001186	-.003118	.0367136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	878.5613	23789.27	2547.070	790.2455	1747.734
Stddev	1.0618	29.27	5.405	4.7060	1.351
%RSD	.1208513	.1230348	.2122138	.5955105	.0772960
#1	878.1810	23801.50	2541.589	793.8023	1746.575
#2	877.7420	23755.87	2552.396	784.9092	1749.218
#3	879.7608	23810.45	2547.225	792.0248	1747.408

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20 Acquired: 11/13/2024 1:53:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207300	-.010082	.1034912	-.017020	.0073697	162.8775
Stddev	.0098721	.005017	.0046770	.006236	.0019421	.4108
%RSD	47.62235	49.75724	4.519247	36.64188	26.35185	.2521970
#1	.0101905	-.005514	.1016487	-.011782	.0063014	162.7759
#2	.0297611	-.009280	.1088089	-.023919	.0061963	162.5271
#3	.0222384	-.015451	.1000160	-.015360	.0096113	163.3295

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.597677	.0043717	.0242729	F 1044.639	1.494764	.3421814
Stddev	.003639	.0000840	.0000600	1.836	.003781	.0015889
%RSD	.2277923	1.921780	.2473682	.1757856	.2529807	.4643332
#1	1.595117	.0044247	.0242112	1046.111	1.490425	.3416896
#2	1.596070	.0044156	.0243311	1042.581	1.496504	.3408966
#3	1.601843	.0042749	.0242764	1045.225	1.497361	.3439580

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3386483	390.7612	6.093525	208.7080	1.863486	-.016256
Stddev	.0039668	.7331	.007914	.5549	.003604	.000206
%RSD	1.171368	.1876094	.1298735	.2658978	.1933758	1.269863
#1	.3392948	390.8763	6.097562	208.1523	1.859407	-.016494
#2	.3343980	389.9774	6.084406	208.7094	1.864814	-.016148
#3	.3422522	391.4300	6.098606	209.2622	1.866237	-.016125

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.289522	1.389611	.4993922	11.43076	5.399905	.3064829
Stddev	.547381	.005300	.0031295	.04697	.029124	.0009621
%RSD	12.76088	.3813656	.6266535	.4109161	.5393455	.3139248
#1	4.834999	1.383576	.4970213	11.48495	5.398084	.3069627
#2	3.740257	1.393506	.5029394	11.40555	5.371734	.3071108
#3	4.293309	1.391752	.4982159	11.40177	5.429897	.3053752

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20 Acquired: 11/13/2024 1:53:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028879	26.06502	11.93561	.0022326	2.202946	.1444613
Stddev	.0004143	.09684	.07379	.0040225	.003242	.0011195
%RSD	14.34550	.3715492	.6182174	180.1706	.1471687	.7749523
#1	.0032469	26.08453	11.93033	.0066289	2.205260	.1449405
#2	.0024346	25.95990	11.86461	.0013326	2.204337	.1431819
#3	.0029823	26.15062	12.01190	-.001264	2.199240	.1452614

Elem	Sr4077
Units	ppm
Avg	1.748816
Stddev	.002333
%RSD	.1334321
#1	1.746273
#2	1.749317
#3	1.750859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	848.2677	24421.26	2765.233	760.7468	1319.830
Stddev	.9020	88.73	8.795	5.6357	1.731
%RSD	.1063355	.3633461	.3180608	.7408092	.1311321
#1	849.2149	24464.89	2766.629	765.4158	1318.344
#2	848.1693	24319.15	2773.247	754.4865	1321.730
#3	847.4189	24479.72	2755.824	762.3380	1319.414

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-21 Acquired: 11/13/2024 1:57:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153632	-.007034	.0609881	-.008698	.0080813	138.6101
Stddev	.0021002	.009637	.0020863	.002626	.0020094	.2915
%RSD	13.67014	137.0026	3.420758	30.19294	24.86532	.2103344
#1	.0145581	-.006691	.0589423	-.008541	.0082937	138.3000
#2	.0137847	.002427	.0631126	-.011400	.0099762	138.6518
#3	.0177468	-.016839	.0609094	-.006154	.0059741	138.8786

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9489642	.0029922	.0140525	F 1012.542	1.201484	.2174771
Stddev	.0032258	.0000457	.0004661	1.463	.005185	.0006968
%RSD	.3399282	1.527900	3.316884	.1445324	.4315792	.3204020
#1	.9453466	.0030410	.0135615	1011.219	1.198452	.2167079
#2	.9515415	.0029853	.0141073	1012.295	1.198529	.2176570
#3	.9500044	.0029503	.0144888	1014.114	1.207472	.2180662

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2311208	261.1441	4.306893	139.2515	1.561665	-.005521
Stddev	.0031962	.3602	.005838	.2119	.005249	.000486
%RSD	1.382902	.1379264	.1355545	.1521803	.3361165	8.797040
#1	.2296434	260.7328	4.300419	139.2021	1.557553	-.004961
#2	.2347885	261.2964	4.308503	139.4838	1.559865	-.005797
#3	.2289307	261.4032	4.311758	139.0687	1.567577	-.005807

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.585221	.7489003	.3861810	10.57296	3.251205	.2233051
Stddev	.353434	.0068997	.0010845	.03539	.025975	.0017910
%RSD	9.858073	.9213050	.2808173	.3347038	.7989368	.8020286
#1	3.666316	.7409393	.3859080	10.55577	3.281194	.2212657
#2	3.891060	.7531504	.3873759	10.54945	3.236652	.2240276
#3	3.198288	.7526111	.3852591	10.61366	3.235769	.2246220

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-21 Acquired: 11/13/2024 1:57:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001092	19.74455	10.11242	-.005941	1.662535	.1220982
Stddev	.000319	.01246	.01702	.005331	.003112	.0020537
%RSD	29.20237	.0631001	.1683123	89.73412	.1871670	1.682020
#1	-.001148	19.73568	10.09544	.000007	1.659499	.1201389
#2	-.001379	19.75879	10.12948	-.010289	1.665718	.1219210
#3	-.000749	19.73918	10.11235	-.007541	1.662389	.1242348

Elem	Sr4077
Units	ppm
Avg	1.460761
Stddev	.003067
%RSD	.2099668
#1	1.457287
#2	1.461904
#3	1.463094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	816.3621	23268.40	2650.251	732.5864	1336.399
Stddev	.6089	50.40	2.739	1.6073	.265
%RSD	.0745825	.2165844	.1033657	.2193977	.0198042
#1	816.8501	23220.30	2647.090	730.8865	1336.134
#2	815.6798	23320.81	2651.739	732.7913	1336.400
#3	816.5564	23264.08	2651.925	734.0814	1336.663

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-22 Acquired: 11/13/2024 2:02:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1850443	.1575604	.1715766	.2983464	.3231704	165.5418
Stddev	.0187047	.0077351	.0014474	.0081929	.0028375	3.3101
%RSD	10.10823	4.909293	.8436120	2.746121	.8780098	1.999565
#1	.1700066	.1563954	.1718335	.2911580	.3259634	167.3461
#2	.2059895	.1504739	.1700179	.2966144	.3202904	161.7216
#3	.1791368	.1658120	.1728783	.3072669	.3232574	167.5579

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.630651	.1705582	.2212083	F 1015.826	2.169785	2.310402
Stddev	.159330	.0018188	.0009044	19.837	.011179	.003218
%RSD	1.846096	1.066368	.4088393	1.952770	.5152208	.1392780
#1	8.716947	.1712521	.2205369	1026.858	2.158218	2.310865
#2	8.446788	.1684946	.2208513	992.926	2.180531	2.306979
#3	8.728219	.1719279	.2222367	1027.695	2.170608	2.313364

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.134963	383.1941	7.600474	203.0744	3.795099	.1563343
Stddev	.024482	7.4244	.115150	3.5170	.007938	.0009508
%RSD	2.157067	1.937491	1.515042	1.731898	.2091539	.6081985
#1	1.149193	387.4541	7.636033	204.8161	3.788420	.1552402
#2	1.106694	374.6213	7.471739	199.0264	3.793002	.1569602
#3	1.149001	387.5070	7.693652	205.3808	3.803874	.1568025

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.328360	3.092509	2.178571	11.57498	5.316996	.2966650
Stddev	.286889	.051495	.005002	.24161	.011275	.0071704
%RSD	6.628132	1.665149	.2296041	2.087348	.2120509	2.416989
#1	4.656394	3.121518	2.179960	11.64030	5.328334	.3044701
#2	4.204355	3.033053	2.182732	11.30742	5.316868	.2903698
#3	4.124331	3.122955	2.173021	11.77721	5.305786	.2951551

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-22 Acquired: 11/13/2024 2:02:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019748	25.71886	10.95215	.0035145	2.161985	.1402802
Stddev	.0003552	.08568	.11423	.0012867	.043247	.0032753
%RSD	17.98441	.3331433	1.042989	36.61109	2.000320	2.334795
#1	.0016326	25.66090	10.97090	.0023781	2.184639	.1416304
#2	.0023416	25.67840	10.82970	.0049116	2.112118	.1365457
#3	.0019502	25.81728	11.05584	.0032539	2.189199	.1426645

Elem	Sr4077
Units	ppm
Avg	1.699763
Stddev	.034298
%RSD	2.017832
#1	1.720600
#2	1.660177
#3	1.718512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	845.5912	24343.30	2784.833	758.2373	1323.144
Stddev	1.7465	20.83	28.912	3.2233	3.581
%RSD	.2065448	.0855501	1.038201	.4251003	.2706762
#1	845.2621	24325.64	2772.580	756.0440	1325.076
#2	847.4789	24337.99	2817.854	756.7298	1325.344
#3	844.0327	24366.27	2764.064	761.9381	1319.011

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20LX5 Acquired: 11/13/2024 2:06:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202264	.0013287	.0193601	-.001386	.0008716	34.93682	.3507567
Stddev	.0160213	.0016763	.0033513	.005819	.0028969	.13618	.0017646
%RSD	79.20991	126.1611	17.31046	419.8964	332.3463	.3898031	.5030937
#1	.0071629	.0013761	.0230501	.003274	.0021068	34.78054	.3489696
#2	.0154139	-.000371	.0185245	.000476	-.002438	34.99991	.3508024
#3	.0381023	.002981	.0165056	-.007908	.002946	35.03003	.3524980

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010456	.0035730	235.1044	.3431639	.0661640	.0736818	91.51778
Stddev	.0000768	.0000599	.7996	.0019382	.0002831	.0017579	.33921
%RSD	7.349417	1.676463	.3400969	.5648051	.4278541	2.385725	.3706438
#1	.0011328	.0035569	234.2244	.3428638	.0658989	.0717719	91.14599
#2	.0010166	.0036393	235.7864	.3452347	.0661309	.0740418	91.81038
#3	.0009875	.0035228	235.3023	.3413933	.0664622	.0752319	91.59698

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408390	45.63636	.3788389	-.000728	1.131447	.3154340	.1132089
Stddev	.006179	.33152	.0016509	.000192	.241696	.0071861	.0005901
%RSD	.4387066	.7264316	.4357705	26.32231	21.36170	2.278163	.5212805
#1	1.404517	45.30336	.3782268	-.000794	.930872	.3087949	.1131896
#2	1.405137	45.96637	.3775815	-.000512	1.063673	.3144430	.1138085
#3	1.415515	45.63935	.3807084	-.000877	1.399795	.3230642	.1126287

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.315317	1.005956	.0741343	.0000766	4.862878	2.738774	-.007054
Stddev	.044207	.001865	.0002931	.0003905	.009273	.008227	.001362
%RSD	1.909314	.1854001	.3954006	509.7377	.1906878	.3004029	19.30988
#1	2.297563	1.006126	.0740894	-.000374	4.868927	2.729477	-.006080
#2	2.365640	1.007730	.0744473	.000281	4.867504	2.745114	-.008611
#3	2.282746	1.004011	.0738662	.000322	4.852202	2.741731	-.006472

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4502-20LX5 Acquired: 11/13/2024 2:06:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC9L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.4936801	.0281380	.3868041
Stddev	.0051757	.0008018	.0015839
%RSD	1.048387	2.849628	.4094748
#1	.4884399	.0276450	.3855295
#2	.4987888	.0290632	.3863055
#3	.4938115	.0277058	.3885772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	853.7609	23628.52	2563.864	770.6442	1554.696
Stddev	.4403	62.77	7.405	4.3719	1.113
%RSD	.0515686	.2656704	.2888126	.5673003	.0716101
#1	853.6300	23577.77	2569.647	768.7114	1555.903
#2	853.4010	23609.07	2555.518	767.5719	1554.479
#3	854.2518	23698.71	2566.427	775.6494	1553.708

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-08DLX2 Acquired: 11/13/2024 2:10:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987138	.0053177	.3000784	.0020596	.0045342	58.81985	.9597561
Stddev	.0045731	.0017515	.0010107	.0093129	.0009553	.94038	.0136226
%RSD	4.632635	32.93759	.3368029	452.1723	21.06806	1.598743	1.419385
#1	.1021450	.0044251	.3001091	-.006476	.0034835	58.06295	.9471985
#2	.1004742	.0041923	.3010733	.000663	.0053504	59.87257	.9742390
#3	.0935221	.0073357	.2990527	.011992	.0047688	58.52402	.9578309

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018807	.0079328	54.57283	.1132715	.0776837	.4727598	117.0549
Stddev	.0000840	.0002298	1.08401	.0006582	.0004496	.0039064	1.9868
%RSD	4.468238	2.896367	1.986353	.5810639	.5787223	.8262985	1.697322
#1	.0019302	.0081780	53.85305	.1130206	.0779321	.4717887	115.5158
#2	.0019283	.0077224	55.81958	.1127757	.0771647	.4770601	119.2978
#3	.0017837	.0078981	54.04587	.1140183	.0779543	.4694305	116.3511

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.993624	29.76217	.1390989	-.007543	.8559561	.2165179	.5999813
Stddev	.052699	.55839	.0001944	.000524	.4109216	.0032914	.0003178
%RSD	1.319581	1.876161	.1397332	6.950116	48.00732	1.520155	.0529730
#1	3.941049	29.28388	.1388765	-.007037	.9047422	.2134652	.6003247
#2	4.046446	30.37578	.1391839	-.008084	.4228193	.2200049	.5996974
#3	3.993376	29.62686	.1392362	-.007508	1.240307	.2160836	.5999218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.54988	4.370792	.0992994	-.001703	1.035063	8.229493	-.005857
Stddev	.27180	.015596	.0010264	.000235	.002755	.143489	.001244
%RSD	1.868075	.3568297	1.033624	13.79259	.2662133	1.743601	21.23494
#1	14.46188	4.381241	.0981150	-.001576	1.031888	8.159388	-.004682
#2	14.85478	4.352865	.0999289	-.001559	1.036827	8.394558	-.007160
#3	14.33298	4.378270	.0998542	-.001974	1.036475	8.134533	-.005729

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-08DLX2 Acquired: 11/13/2024 2:10:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.157763	.0513807	.1957942
Stddev	.019222	.0024401	.0031109
%RSD	1.660249	4.749098	1.588872
#1	1.144816	.0493077	.1931070
#2	1.179849	.0540698	.1992023
#3	1.148624	.0507646	.1950734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	905.9786	24866.80	2680.425	816.0698	1651.888
Stddev	1.9334	37.83	44.025	2.2014	4.023
%RSD	.2134043	.1521248	1.642478	.2697615	.2435606
#1	906.6353	24844.60	2706.835	814.5234	1651.270
#2	907.4980	24910.48	2629.602	818.5903	1656.184
#3	903.8023	24845.32	2704.838	815.0958	1648.209

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV066 Acquired: 11/13/2024 2:15:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.072732	4.715913	24.73350	4.657184	4.726961	405.2516	10.13736
Stddev	.006532	.022538	.06303	.007335	.016592	.4861	.00966
%RSD	.1287644	.4779177	.2548365	.1575000	.3510145	.1199591	.0952580
#1	5.070344	4.728633	24.70543	4.659085	4.712408	404.6918	10.12700
#2	5.080122	4.689890	24.68938	4.649085	4.723444	405.4954	10.14611
#3	5.067730	4.729215	24.80569	4.663380	4.745029	405.5676	10.13896

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4928808	2.526292	405.5716	14.94064	2.502835	14.78205	411.3998
Stddev	.0007486	.006927	.3314	.01787	.006795	.02202	.4715
%RSD	.1518757	.2742023	.0817228	.1195902	.2715040	.1489746	.1146119
#1	.4922376	2.526642	405.2304	14.92386	2.502494	14.75953	410.9918
#2	.4927024	2.519196	405.5920	14.95942	2.496216	14.80354	411.9160
#3	.4937025	2.533037	405.8924	14.93864	2.509794	14.78306	411.2917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74494	402.7360	2.485299	1.217924	405.5029	2.459138	14.35052
Stddev	.01194	.3230	.009461	.001688	.9679	.009952	.04950
%RSD	.0809645	.0802043	.3806692	.1386153	.2386865	.4047120	.3449363
#1	14.75673	402.3725	2.487575	1.216205	404.5497	2.447681	14.29621
#2	14.74524	402.9900	2.474908	1.219580	405.4740	2.464099	14.39311
#3	14.73286	402.8455	2.493414	1.217986	406.4848	2.465636	14.36223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.0052	4.847314	4.875574	4.677092	4.988986	4.933393	4.978434
Stddev	.1879	.029521	.016418	.013603	.006460	.006529	.017024
%RSD	.1228120	.6090195	.3367436	.2908385	.1294851	.1323420	.3419471
#1	152.8200	4.842215	4.874567	4.662286	4.981564	4.934088	4.968242
#2	153.0000	4.820674	4.859683	4.679955	4.992047	4.926544	4.968973
#3	153.1957	4.879052	4.892473	4.689035	4.993346	4.939546	4.998086

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV066 Acquired: 11/13/2024 2:15:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.911306	5.027904	5.046545
Stddev	.008218	.006466	.006157
%RSD	.1673185	.1285926	.1220100
#1	4.907092	5.020448	5.039499
#2	4.906050	5.031294	5.050894
#3	4.920776	5.031969	5.049241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	701.8272	21437.93	2395.290	593.0475	1324.699
Stddev	1.1896	42.02	1.918	2.5480	2.522
%RSD	.1695074	.1959935	.0800858	.4296503	.1903619
#1	702.1327	21476.73	2395.968	595.8542	1323.605
#2	702.8343	21393.30	2396.777	590.8797	1327.583
#3	700.5146	21443.76	2393.125	592.4087	1322.908

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB066 Acquired: 11/13/2024 2:30:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028713	.0005332	-.000305	.0025083	-.000379	-.004732
Stddev	.0014591	.0029606	.002013	.0038760	.001152	.010557
%RSD	50.81735	555.2246	659.4952	154.5276	304.2776	223.1296
#1	.0039682	-.000440	.001916	-.001643	-.001676	-.004185
#2	.0034304	.003858	-.000822	.006033	.000523	.005542
#3	.0012153	-.001818	-.002009	.003134	.000017	-.015552

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009003	-.000079	-.000176	-.007138	-.000191	.0000808
Stddev	.0012220	.000029	.000042	.010126	.000424	.0001722
%RSD	135.7386	36.94616	24.06335	141.8678	221.7900	213.1274
#1	.0001801	-.000067	-.000186	-.006492	.000128	.0002794
#2	.0023113	-.000113	-.000129	.002650	-.000673	-.000012
#3	.0002095	-.000058	-.000211	-.017571	-.000029	-.000025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004432	-.001003	-.001237	-.028981	-.001068	-.001073
Stddev	.003660	.029377	.001787	.130483	.000380	.000349
%RSD	82.58519	2928.897	144.4558	450.2412	35.61020	32.49226
#1	-.008581	.010518	-.000068	-.000400	-.000716	-.000693
#2	-.003060	.020867	-.003294	.084843	-.001472	-.001378
#3	-.001656	-.034394	-.000349	-.171385	-.001016	-.001149

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3506256	.0086714	.0009699	-1.42498	-.002358	-.000453
Stddev	.1725211	.0060206	.0005572	.07218	.001324	.000399
%RSD	49.20381	69.43079	57.45489	5.065121	56.14842	88.04467
#1	.3646811	.0131158	.0007414	-1.45742	-.000830	-.000232
#2	.5156890	.0110789	.0005632	-1.34227	-.003079	-.000913
#3	.1715067	.0018196	.0016050	-1.47524	-.003165	-.000213

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB066 Acquired: 11/13/2024 2:30:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003125	.0023611	-.001481	F -.009367	-.000062	-.006928
Stddev	.0001451	.0035916	.000223	.001388	.001637	.001310
%RSD	46.43100	152.1132	15.06651	14.81764	2628.776	18.90341
#1	.0001468	.0064911	-.001607	-.010645	-.001923	-.008425
#2	.0004170	-.000032	-.001613	-.007890	.000577	-.005997
#3	.0003737	.000624	-.001223	-.009565	.001158	-.006360

Elem	Sr4077
Units	ppm
Avg	-.000117
Stddev	.000076
%RSD	64.71041
#1	-.000147
#2	-.000174
#3	-.000031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	896.8287	24378.16	2562.986	810.9152	1832.955
Stddev	3.1469	11.79	6.005	3.1933	3.997
%RSD	.3508865	.0483454	.2343135	.3937952	.2180372
#1	898.4050	24366.24	2556.996	814.3818	1832.985
#2	898.8759	24389.80	2562.954	808.0937	1836.936
#3	893.2052	24378.45	2569.007	810.2701	1828.943

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-09DLX2 Acquired: 11/13/2024 2:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0988879	.0012859	.2910765	-.009894	.0029386	61.20206	.8899263
Stddev	.0115019	.0046255	.0033850	.003968	.0014583	.14370	.0022869
%RSD	11.63128	359.7129	1.162910	40.10398	49.62496	.2347892	.2569749
#1	.0922891	-.003703	.2872626	-.008230	.0012764	61.36633	.8925231
#2	.0922055	.002128	.2922430	-.014423	.0040031	61.09967	.8882128
#3	.1121691	.005432	.2937239	-.007029	.0035362	61.14019	.8890431

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020235	.0072731	52.66271	.1187104	.0714798	.4781249	113.1864
Stddev	.0001802	.0002127	.21164	.0009826	.0005513	.0035104	.6868
%RSD	8.903210	2.924986	.4018707	.8277637	.7712990	.7342055	.6068019
#1	.0022218	.0070909	52.90607	.1193704	.0708578	.4781672	113.9741
#2	.0019788	.0072217	52.52176	.1191797	.0716734	.4816140	112.8724
#3	.0018699	.0075069	52.56031	.1175811	.0719083	.4745936	112.7127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.589878	31.39224	.1379895	-.005796	1.039347	.2142695	.6135034
Stddev	.014663	.08708	.0008244	.000308	.139554	.0126071	.0014676
%RSD	.4084463	.2773945	.5974520	5.316936	13.42709	5.883747	.2392232
#1	3.606797	31.30913	.1370379	-.005704	.923671	.2245137	.6138643
#2	3.581984	31.38477	.1384434	-.006140	1.000027	.2001902	.6118890
#3	3.580855	31.48281	.1384872	-.005544	1.194342	.2181045	.6147570

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.74457	4.441180	.1002964	-.000768	1.079626	7.252365	-.005347
Stddev	.02340	.009768	.0016000	.000428	.005889	.021975	.000677
%RSD	.1485923	.2199485	1.595261	55.81299	.5454813	.3030089	12.65708
#1	15.76538	4.429901	.0988547	-.001261	1.075048	7.276798	-.004587
#2	15.71925	4.446790	.1020178	-.000557	1.077561	7.246080	-.005571
#3	15.74907	4.446851	.1000168	-.000485	1.086270	7.234217	-.005884

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-09DLX2 Acquired: 11/13/2024 2:34:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.263309	.0520720	.1964648
Stddev	.006106	.0008108	.0000672
%RSD	.4833680	1.557101	.0342221
#1	1.270296	.0514945	.1963873
#2	1.258997	.0517225	.1965077
#3	1.260633	.0529989	.1964993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	901.5138	24736.82	2650.073	815.2997	1653.784
Stddev	2.3430	32.63	11.538	1.8866	6.765
%RSD	.2599012	.1319070	.4354001	.2314056	.4090665
#1	903.9938	24700.85	2636.773	814.6191	1661.590
#2	901.2103	24764.52	2656.046	817.4322	1649.618
#3	899.3372	24745.09	2657.401	813.8478	1650.145

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-08LDLX10 Acquired: 11/13/2024 2:39:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204325	-.001277	.0322242	-.000582	.0006122	6.427548	.1044617
Stddev	.0043167	.001990	.0009448	.000570	.0020315	.014105	.0004179
%RSD	21.12649	155.8396	2.932098	98.00302	331.8118	.2194425	.4000350
#1	.0162528	-.003351	.0331086	-.000001	.0004973	6.425999	.1044681
#2	.0201706	.000617	.0312287	-.001141	.0026988	6.442363	.1040406
#3	.0248742	-.001097	.0323353	-.000604	-.001359	6.414281	.1048763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002391	.0005711	6.064869	.0124064	.0080964	.0486114	13.16087
Stddev	.0000810	.0000498	.037510	.0006041	.0001973	.0036899	.04025
%RSD	33.86369	8.717265	.6184870	4.869377	2.437253	7.590642	.3058047
#1	.0003216	.0005379	6.033104	.0120348	.0078973	.0444237	13.14635
#2	.0002359	.0006284	6.106252	.0131034	.0082919	.0513856	13.20636
#3	.0001598	.0005471	6.055250	.0120809	.0080999	.0500251	13.12990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4400109	3.281499	.0139567	.0007096	.2941330	.0281208	.0653615
Stddev	.0032838	.123432	.0003305	.0003997	.2075838	.0074144	.0008263
%RSD	.7463085	3.761443	2.368243	56.32115	70.57482	26.36610	1.264249
#1	.4362289	3.156571	.0143381	.0011582	.5322933	.0360884	.0647554
#2	.4416650	3.403378	.0137525	.0005793	.1985219	.0268499	.0650264
#3	.4421388	3.284548	.0137796	.0003914	.1515838	.0214240	.0663027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408119	.4558662	.0108126	-.000430	.1082312	.9420646	-.001721
Stddev	.048660	.0061659	.0012152	.000156	.0017923	.0044965	.000927
%RSD	3.455647	1.352561	11.23884	36.36811	1.655997	.4773045	53.87137
#1	1.457822	.4490591	.0111249	-.000389	.1088088	.9420191	-.002777
#2	1.360575	.4610768	.0118412	-.000602	.1062213	.9465837	-.001349
#3	1.405960	.4574627	.0094717	-.000298	.1096635	.9375910	-.001038

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-08LDLX10 Acquired: 11/13/2024 2:39:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.1259292	.0033668	.0213246
Stddev	.0023546	.0003903	.0000760
%RSD	1.869818	11.59316	.3565465
#1	.1286465	.0029629	.0212430
#2	.1244878	.0037420	.0213934
#3	.1246534	.0033956	.0213374

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	883.8301	23850.76	2515.052	797.3035	1753.304
Stddev	2.3067	74.25	9.452	1.5628	3.852
%RSD	.2609845	.3112912	.3758259	.1960074	.2197184
#1	883.2641	23767.32	2515.489	798.9326	1756.082
#2	881.8591	23909.51	2505.389	795.8167	1748.906
#3	886.3671	23875.46	2524.279	797.1613	1754.922

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-10DLX2 Acquired: 11/13/2024 2:43:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1743139	.0984581	.3241697	.1728423	.1701460	60.48484	4.919260
Stddev	.0034905	.0006377	.0023211	.0061959	.0040695	.27053	.012212
%RSD	2.002439	.6476771	.7160226	3.584689	2.391761	.4472610	.2482524
#1	.1745953	.0978194	.3263189	.1751679	.1655872	60.74436	4.927831
#2	.1706912	.0990947	.3217082	.1658202	.1734122	60.50564	4.924672
#3	.1776552	.0984602	.3244820	.1775389	.1714386	60.20451	4.905277

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006984	.1095305	52.83576	.5333525	1.085515	.9130466	115.9863
Stddev	.0007331	.0007664	.26664	.0011316	.003941	.0021336	.8668
%RSD	.7280536	.6997336	.5046576	.2121579	.3630822	.2336774	.7472952
#1	.1012517	.1099613	53.01972	.5340100	1.088929	.9138303	116.7672
#2	.1009766	.1099847	52.95759	.5340016	1.086414	.9146775	116.1381
#3	.0998668	.1086457	52.52997	.5320459	1.081202	.9106320	115.0537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.789720	28.89030	1.150315	.0873250	.8662006	1.242439	1.400434
Stddev	.028753	.24886	.003343	.0003545	.2546422	.010085	.004953
%RSD	.6003109	.8613905	.2906002	.4059598	29.39760	.8117220	.3536513
#1	4.811719	29.02304	1.153073	.0876849	.5724820	1.247502	1.406146
#2	4.800256	29.04465	1.151274	.0873141	1.001243	1.248990	1.397828
#3	4.757185	28.60322	1.146597	.0869761	1.024877	1.230825	1.397329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.86521	4.193038	.1026022	-.001992	.9721446	8.059714	-.004407
Stddev	.12447	.010715	.0030232	.000460	.0104975	.074114	.002551
%RSD	.8977274	.2555402	2.946543	23.09837	1.079829	.9195662	57.88323
#1	13.99819	4.194339	.1025332	-.002519	.9810637	8.109738	-.004912
#2	13.84596	4.203043	.1056593	-.001786	.9747940	8.094836	-.001641
#3	13.75148	4.181732	.0996140	-.001671	.9605763	7.974567	-.006668

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4520-10DLX2 Acquired: 11/13/2024 2:43:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.112392	.0481864	.1869652
Stddev	.004817	.0008655	.0008281
%RSD	.4330642	1.796045	.4429319
#1	1.112885	.0486368	.1878066
#2	1.116945	.0487337	.1869380
#3	1.107348	.0471886	.1861510

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	903.6744	24769.22	2636.331	810.7510	1666.170
Stddev	3.8951	70.90	20.856	3.0429	7.069
%RSD	.4310333	.2862434	.7911152	.3753165	.4242464
#1	900.0495	24695.05	2620.467	807.2407	1661.697
#2	903.1810	24776.27	2628.571	812.6370	1662.494
#3	907.7928	24836.33	2659.955	812.3755	1674.319

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-01DLX2 Acquired: 11/13/2024 2:48:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2671221	.0087250	.2512864	-.002215	.0114162	91.51487	1.312657
Stddev	.0062533	.0010726	.0039384	.007350	.0033815	.39779	.005104
%RSD	2.340990	12.29300	1.567297	331.7750	29.62043	.4346704	.3888083
#1	.2742783	.0076723	.2473519	-.003135	.0095925	91.08707	1.306786
#2	.2627104	.0086862	.2552287	.005551	.0093380	91.87360	1.316039
#3	.2643776	.0098164	.2512788	-.009061	.0153181	91.58394	1.315146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029770	.0143711	19.82491	.2302165	.1464122	.6261096	263.8787
Stddev	.0001303	.0001675	.15437	.0014049	.0004997	.0025626	1.4551
%RSD	4.376140	1.165263	.7786736	.6102436	.3412817	.4092950	.5514102
#1	.0028539	.0143416	19.64719	.2292868	.1469891	.6264328	262.2035
#2	.0031134	.0145513	19.92574	.2318326	.1461168	.6234007	264.8274
#3	.0029637	.0142203	19.90178	.2295301	.1461307	.6284953	264.6053

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.808565	45.08414	.2716793	-.018921	1.364278	.5390328	.6325481
Stddev	.035517	.14663	.0011803	.000558	.148630	.0201548	.0034225
%RSD	.5216483	.3252389	.4344299	2.947129	10.89439	3.739076	.5410725
#1	6.796208	44.98063	.2728314	-.018328	1.356880	.5205241	.6288975
#2	6.848610	45.25193	.2704728	-.019434	1.219486	.5360688	.6330624
#3	6.780878	45.01985	.2717338	-.019002	1.516469	.5605055	.6356844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.70792	4.761257	.1881898	-.000988	.7512351	8.150069	.0028854
Stddev	.17239	.009974	.0032852	.000050	.0066051	.077556	.0019915
%RSD	.9735169	.2094817	1.745705	5.097738	.8792329	.9515960	69.02034
#1	17.51041	4.766587	.1884314	-.000932	.7507167	8.082083	.0012500
#2	17.78525	4.749750	.1847905	-.001001	.7449044	8.234543	.0023031
#3	17.82812	4.767433	.1913477	-.001031	.7580841	8.133582	.0051032

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-01DLX2 Acquired: 11/13/2024 2:48:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.779629	.0769349	.2180137
Stddev	.006906	.0007643	.0006500
%RSD	.2484327	.9934352	.2981508
#1	2.771682	.0761737	.2172731
#2	2.784167	.0777023	.2184895
#3	2.783039	.0769287	.2182786

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.8959	25235.70	2727.907	832.8066	1641.709
Stddev	.6481	72.70	11.507	4.6469	1.972
%RSD	.0703794	.2880819	.4218151	.5579788	.1201180
#1	920.3673	25201.68	2734.953	833.2584	1641.197
#2	920.7015	25319.17	2714.628	837.2110	1643.886
#3	921.6190	25186.24	2734.138	827.9503	1640.043

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-02DLX2 Acquired: 11/13/2024 2:52:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3182882	.0106131	.2620647	-.001942	.0139617	96.03105	1.319252
Stddev	.0119528	.0038652	.0024280	.007501	.0045773	.35825	.005853
%RSD	3.755327	36.41884	.9264972	386.2726	32.78461	.3730611	.4436734
#1	.3222590	.0118567	.2593820	-.003099	.0135255	96.30690	1.325454
#2	.3048554	.0062793	.2641114	.006070	.0096180	95.62615	1.313824
#3	.3277503	.0137035	.2627007	-.008797	.0187414	96.16010	1.318478

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032560	.0153474	20.65997	.2279099	.1529977	.6602761	282.2550
Stddev	.0001433	.0004517	.05997	.0008119	.0008122	.0060880	1.1307
%RSD	4.401875	2.943084	.2902680	.3562483	.5308434	.9220308	.4005969
#1	.0031447	.0148387	20.72272	.2270376	.1530771	.6659901	283.1883
#2	.0032055	.0157015	20.60323	.2280485	.1521487	.6609654	280.9976
#3	.0034177	.0155021	20.65397	.2286437	.1537672	.6538728	282.5789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.219801	46.46127	.2814751	-.020277	1.372904	.5383531	.6769504
Stddev	.032888	.18122	.0002647	.000399	.298922	.0035552	.0039094
%RSD	.5287696	.3900347	.0940465	1.965387	21.77294	.6603862	.5774999
#1	6.250753	46.67030	.2812704	-.020718	1.718018	.5377658	.6725617
#2	6.185269	46.36510	.2813808	-.019942	1.195193	.5421654	.6782296
#3	6.223381	46.34841	.2817740	-.020170	1.205502	.5351281	.6800600

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.39339	5.094082	.2023905	-.000740	.8016203	6.977435	.0041640
Stddev	.08524	.030558	.0017075	.000110	.0057380	.040906	.0023310
%RSD	.4634315	.5998822	.8436608	14.86376	.7158033	.5862662	55.97900
#1	18.40743	5.072844	.2043262	-.000635	.7991838	6.976071	.0057658
#2	18.30199	5.080298	.2017472	-.000854	.8081746	6.937228	.0052365
#3	18.47073	5.129105	.2010981	-.000732	.7975026	7.019006	.0014899

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-02DLX2 Acquired: 11/13/2024 2:52:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.854698	.0789104	.2330944
Stddev	.014734	.0010078	.0005005
%RSD	.5161436	1.277125	.2147040
#1	2.870172	.0787297	.2336105
#2	2.840836	.0780052	.2326112
#3	2.853084	.0799963	.2330615

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.8964	25295.93	2722.804	830.4620	1640.714
Stddev	4.1153	50.05	14.960	4.4610	3.235
%RSD	.4444694	.1978474	.5494293	.5371682	.1971675
#1	929.4008	25330.67	2726.164	835.5604	1642.432
#2	926.9236	25238.57	2735.798	828.5493	1642.727
#3	921.3648	25318.55	2706.450	827.2764	1636.982

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-01LDLX10 Acquired: 11/13/2024 3:01:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357241	.0005642	.0262139	.0018402	.0024531	9.681977	.1402009
Stddev	.0018595	.0012130	.0030545	.0024951	.0011947	.143666	.0020473
%RSD	5.205204	214.9710	11.65214	135.5878	48.70206	1.483846	1.460291
#1	.0341024	.0009580	.0227416	.0045486	.0034518	9.762975	.1418229
#2	.0377537	.0015314	.0284859	.0013371	.0027779	9.766854	.1408792
#3	.0353163	-.000797	.0274143	-.000365	.0011296	9.516101	.1379004

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003903	.0013063	2.191550	.0254706	.0147967	.0689371	28.84478
Stddev	.0000501	.0000306	.055664	.0007165	.0004448	.0022253	.43508
%RSD	12.84788	2.342821	2.539955	2.813001	3.005923	3.228024	1.508358
#1	.0003479	.0013411	2.241100	.0247734	.0152091	.0711366	29.03576
#2	.0003773	.0012839	2.202231	.0262049	.0143254	.0666868	29.15172
#3	.0004457	.0012938	2.131319	.0254334	.0148555	.0689879	28.34688

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7380096	4.698396	.0271814	-.001427	.3295943	.0584646	.0735769
Stddev	.0117988	.053924	.0007735	.000113	.0892368	.0056597	.0009463
%RSD	1.598734	1.147701	2.845659	7.930687	27.07473	9.680594	1.286136
#1	.7408972	4.689788	.0266570	-.001549	.2269318	.0640124	.0744163
#2	.7480966	4.649293	.0280698	-.001326	.3885745	.0586822	.0725514
#3	.7250351	4.756105	.0268175	-.001404	.3732767	.0526992	.0737630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.868665	.4712962	.0258315	.0000474	.0733154	.8859390	.0002774
Stddev	.098614	.0065351	.0017878	.0001009	.0021647	.0120063	.0009659
%RSD	5.277261	1.386627	6.921190	213.0307	2.952603	1.355201	348.2335
#1	1.925434	.4675105	.0261910	.0001310	.0749923	.8942991	.0009305
#2	1.925766	.4675358	.0274123	-.000065	.0740823	.8913366	.0007337
#3	1.754795	.4788423	.0238912	.000076	.0708716	.8721813	-.000832

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-01LDLX10 Acquired: 11/13/2024 3:01:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2966940	.0078587	.0233046
Stddev	.0024501	.0006512	.0004392
%RSD	.8257990	8.285892	1.884539
#1	.2971901	.0074328	.0235813
#2	.2988581	.0075351	.0235343
#3	.2940339	.0086083	.0227982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	887.1925	23899.53	2551.834	796.5799	1747.837
Stddev	1.3924	14.80	34.733	2.7149	1.774
%RSD	.1569480	.0619306	1.361102	.3408202	.1014771
#1	886.0523	23915.47	2530.618	793.4794	1745.900
#2	886.7808	23896.89	2532.968	798.5309	1749.381
#3	888.7444	23886.22	2591.918	797.7295	1748.231

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-03DLX2 Acquired: 11/13/2024 3:05:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3310500	.1034133	.2884763	.1546435	.1726817	93.58978	5.142532
Stddev	.0093808	.0019080	.0023000	.0082918	.0037825	.77767	.039226
%RSD	2.833643	1.844972	.7972996	5.361898	2.190445	.8309336	.7627694
#1	.3324196	.1012827	.2907740	.1453575	.1762457	94.07515	5.165897
#2	.3210597	.1039932	.2884810	.1572664	.1687133	94.00137	5.164452
#3	.3396706	.1049641	.2861740	.1613068	.1730861	92.69281	5.097246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0968269	.1163461	19.36677	.6375392	1.153143	1.056342	261.6870
Stddev	.0009508	.0004520	.10999	.0020432	.002807	.010919	2.2548
%RSD	.9819607	.3885122	.5679504	.3204893	.2434091	1.033638	.8616584
#1	.0967955	.1158981	19.41446	.6391022	1.150104	1.063268	262.8475
#2	.0977930	.1163382	19.44488	.6352271	1.153690	1.062004	263.1252
#3	.0958921	.1168021	19.24098	.6382882	1.155637	1.043756	259.0883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.671470	44.20632	1.282790	.0717075	1.115345	1.519797	1.449144
Stddev	.068281	.37858	.001502	.0004195	.136985	.007004	.013949
%RSD	.8900612	.8564003	.1170728	.5850089	12.28189	.4608287	.9625673
#1	7.694671	44.60848	1.283957	.0720209	1.005576	1.525453	1.461944
#2	7.725128	44.15365	1.281096	.0712309	1.071599	1.521976	1.451211
#3	7.594612	43.85683	1.283318	.0718706	1.268861	1.511963	1.434277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.41397	4.762009	.1892053	-.000623	.7463933	8.077164	.0035229
Stddev	.26027	.003020	.0018536	.000647	.0051017	.069893	.0026204
%RSD	1.494629	.0634190	.9796516	103.9611	.6835136	.8653189	74.38158
#1	17.61266	4.764035	.1900916	-.000560	.7518271	8.085411	.0025245
#2	17.50990	4.763453	.1904494	-.000009	.7456471	8.142568	.0015485
#3	17.11934	4.758538	.1870750	-.001299	.7417059	8.003513	.0064957

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4522-03DLX2 Acquired: 11/13/2024 3:05:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4R1S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.729973	.0772949	.2147323
Stddev	.021366	.0010922	.0023617
%RSD	.7826350	1.413066	1.099814
#1	2.743552	.0773653	.2164157
#2	2.741021	.0783502	.2157486
#3	2.705345	.0761692	.2120327

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	920.7215	25178.84	2736.327	822.7553	1641.209
Stddev	.7456	131.10	24.860	6.4724	1.437
%RSD	.0809791	.5206729	.9085079	.7866706	.0875330
#1	920.1530	25027.46	2733.678	817.4975	1642.867
#2	920.4459	25254.46	2712.898	820.7843	1640.444
#3	921.5657	25254.60	2762.405	829.9840	1640.318

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4521-09DLX2 Acquired: 11/13/2024 3:10:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2203481	.0115493	.1734652	-.001386	.0078051	101.9778	1.293694
Stddev	.0080944	.0054209	.0014057	.006131	.0016056	.2202	.005234
%RSD	3.673453	46.93744	.8103820	442.2133	20.57150	.2159641	.4045881
#1	.2130122	.0055088	.1743586	-.008449	.0094297	102.0746	1.289870
#2	.2190004	.0159912	.1718449	.001732	.0062191	102.1331	1.299660
#3	.2290318	.0131477	.1741922	.002558	.0077664	101.7258	1.291553

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032363	.0110942	30.55286	.2105368	.1260598	.4378855	233.9599
Stddev	.0000647	.0000975	.11927	.0023283	.0012176	.0022450	.2426
%RSD	2.000280	.8792808	.3903817	1.105869	.9658532	.5126822	.1037130
#1	.0031722	.0111637	30.63629	.2078858	.1265640	.4381835	233.9524
#2	.0033017	.0109827	30.60605	.2114748	.1246711	.4399666	234.2062
#3	.0032349	.0111362	30.41625	.2122497	.1269442	.4355064	233.7210

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.878060	45.02861	.2474583	-.017386	1.539683	.4307426	.5461689
Stddev	.024651	.06442	.0009700	.000121	.110682	.0012425	.0006722
%RSD	.4193663	.1430594	.3919942	.6938215	7.188619	.2884472	.1230823
#1	5.855609	45.06368	.2476642	-.017390	1.477451	.4293695	.5463316
#2	5.904439	44.95427	.2464019	-.017264	1.667473	.4310690	.5454303
#3	5.874134	45.06788	.2483089	-.017505	1.474125	.4317892	.5467449

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.03146	5.358751	.1809640	-.001341	1.247481	7.376702	.0005933
Stddev	.02919	.016952	.0004327	.000820	.004010	.013217	.0023109
%RSD	.1267194	.3163361	.2390927	61.15257	.3214606	.1791680	389.4656
#1	23.02984	5.357631	.1810960	-.000516	1.250862	7.361560	-.001669
#2	23.06142	5.342387	.1813153	-.002156	1.248531	7.385917	.002950
#3	23.00312	5.376235	.1804807	-.001350	1.243050	7.382631	.000499

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4521-09DLX2 Acquired: 11/13/2024 3:10:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.348693	.0833379	.2412106
Stddev	.004253	.0014468	.0006636
%RSD	.1810932	1.736037	.2751021
#1	2.353524	.0818100	.2412533
#2	2.347047	.0846869	.2418518
#3	2.345509	.0835167	.2405267

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.9028	25289.22	2724.223	831.9434	1632.755
Stddev	1.0947	64.69	6.993	2.9670	3.157
%RSD	.1181018	.2558018	.2566829	.3566396	.1933717
#1	927.0154	25362.63	2730.789	834.6131	1635.685
#2	927.9367	25264.51	2716.870	832.4681	1633.170
#3	925.7561	25240.53	2725.009	828.7490	1629.412

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4496-01 Acquired: 11/13/2024 3:14:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103045	-.004450	-.001932	.0009391	.0014819	.0026754	.0004269
Stddev	.0094597	.002862	.002417	.0002557	.0032566	.0005650	.0008614
%RSD	91.80209	64.31850	125.0944	27.22700	219.7617	21.11978	201.7805
#1	.0211245	-.001285	-.002165	.0010983	.0041681	.0023697	.0012757
#2	.0035975	-.006857	.000593	.0006441	-.002140	.0033274	-.000446
#3	.0061915	-.005208	-.004224	.0010748	.002418	.0023291	.000451

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000015	-.000113	.0116880	-.000971	.0002521	-.000442	-.005343
Stddev	.000006	.000109	.0041036	.001179	.0005872	.002912	.012276
%RSD	40.64970	96.09220	35.10971	121.4608	232.9684	659.2186	229.7456
#1	-.000018	-.000044	.0152243	-.002192	.0009253	-.000785	-.004258
#2	-.000019	-.000057	.0126512	.000160	-.000015	-.003167	.006354
#3	-.000008	-.000238	.0071884	-.000879	-.000154	.002627	-.018127

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001310	-.029948	-.000105	.0010760	.0581596	.0071170	-.000274
Stddev	.0008314	.078739	.000276	.0006880	.1306253	.0092693	.000496
%RSD	634.6337	262.9158	263.4131	63.94678	224.5980	130.2411	180.8983
#1	-.000429	-.030391	.000191	.0018525	-.089473	.0152856	-.000780
#2	-.000264	-.108465	-.000151	.0005424	.158741	-.002957	.000211
#3	.001086	.049011	-.000354	.0008330	.105211	.009022	-.000252

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760307	-.001132	-.000086	.0000179	.0008660	.0015967	-.004517
Stddev	.0240963	.003644	.001149	.0003391	.0043913	.0003305	.001046
%RSD	31.69285	321.9658	1331.261	1893.704	507.0760	20.69843	23.15694
#1	.0702405	-.005320	.001092	-.000371	.0034923	.0016870	-.004400
#2	.1024945	.000616	-.001203	.000176	.0033093	.0018726	-.003534
#3	.0553569	.001309	-.000148	.000249	-.004204	.0012304	-.005616

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4496-01 Acquired: 11/13/2024 3:14:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCX5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000276	.0001388	-.000079
Stddev	.000561	.0003860	.000112
%RSD	202.8991	278.0905	142.6237
#1	-.000805	-.000081	-.000203
#2	.000312	.000585	-.000047
#3	-.000335	-.000087	.000014

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	872.7833	23484.93	2487.261	784.2767	1754.121
Stddev	.7889	71.48	4.788	4.0854	.791
%RSD	.0903878	.3043701	.1925059	.5209194	.0451186
#1	872.0171	23406.28	2488.143	780.5085	1754.478
#2	873.5930	23502.59	2482.093	783.7028	1754.671
#3	872.7398	23545.93	2491.546	788.6187	1753.214

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164537BL Acquired: 11/13/2024 3:19:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW537 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048127	-.001091	.0001704	.0003694	.0001408	.0038378	.0008594
Stddev	.0023862	.002996	.0017746	.0012279	.0006746	.0093695	.0012825
%RSD	49.58196	274.6803	1041.610	332.4249	479.1275	244.1376	149.2429
#1	.0075669	-.004213	.0015314	.0013680	.0006514	.0135692	-.000621
#2	.0035071	.001761	-.001837	.0007417	.0003949	.0030665	.001584
#3	.0033642	-.000820	.000816	-.001002	-.000624	-.005122	.001615

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000043	-.000233	-.011178	-.001248	.0003666	.0014027	-.005183
Stddev	.0000442	.000064	.008457	.000526	.0001791	.0030515	.022538
%RSD	1031.381	27.40870	75.65789	42.11400	48.86515	217.5383	434.8713
#1	-.000041	-.000306	-.008301	-.001636	.0003982	.0026311	.006583
#2	.000006	-.000187	-.020699	-.000650	.0005278	.0036486	.009038
#3	.000047	-.000207	-.004535	-.001458	.0001737	-.002071	-.031168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000000	-.080325	-.000809	.0011017	.0237009	.0042299	-.000766
Stddev	.000659	.048219	.000267	.0004510	.1352269	.0073874	.000234
%RSD	168744.7	60.02994	32.96340	40.93473	570.5556	174.6496	30.54961
#1	-.000322	-.063365	-.001117	.0016175	-.005097	.0127478	-.000679
#2	-.000437	-.042877	-.000655	.0009063	-.094807	.0003686	-.000588
#3	.000758	-.134733	-.000655	.0007814	.171007	-.000427	-.001031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1443974	-.001993	.0003225	.0002343	.0035422	.0012229	-.005216
Stddev	.0554242	.000419	.0001832	.0001723	.0015659	.0002296	.000235
%RSD	38.38309	21.00195	56.80538	73.55150	44.20808	18.77224	4.499968
#1	.1131552	-.002456	.0001794	.0000716	.0022966	.0009701	-.005423
#2	.1116471	-.001642	.0005289	.0004149	.0053001	.0012804	-.004961
#3	.2083898	-.001880	.0002590	.0002164	.0030298	.0014183	-.005265

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164537BL Acquired: 11/13/2024 3:19:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW537 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0002128	-.001336	-.000010
Stddev	.0011256	.001777	.000012
%RSD	528.9581	133.0288	113.0570
#1	.0014104	-.000969	-.000004
#2	.0000514	-.003268	-.000024
#3	-.000823	.000229	-.000003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	875.0435	23513.53	2487.018	782.8910	1758.131
Stddev	1.3135	159.99	6.767	5.3858	.609
%RSD	.1501080	.6804170	.2720811	.6879381	.0346656
#1	876.3922	23329.35	2491.546	777.9720	1758.430
#2	874.9700	23618.12	2490.268	782.0551	1758.533
#3	873.7683	23593.11	2479.239	788.6459	1757.430

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164537BS Acquired: 11/13/2024 3:23:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS537 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203809	.0547245	.0196470	.0645521	.1112050	.3984497
Stddev	.0045180	.0008263	.0035149	.0043925	.0020153	.0077772
%RSD	22.16783	1.509910	17.89015	6.804560	1.812243	1.951871
#1	.0248485	.0552763	.0233547	.0667559	.1110457	.3904245
#2	.0158141	.0551228	.0163635	.0594940	.1092741	.3989720
#3	.0204802	.0537745	.0192229	.0674064	.1132953	.4059526

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4327202	.0110016	.0109230	11.16822	.0217402	.1037380
Stddev	.0018842	.0000383	.0001154	.06708	.0004736	.0003658
%RSD	.4354257	.3479489	1.056425	.6006128	2.178243	.3526451
#1	.4339422	.0109906	.0110468	11.15355	.0213916	.1039783
#2	.4336681	.0109700	.0109037	11.24142	.0222794	.1033170
#3	.4305503	.0110442	.0108184	11.10969	.0215497	.1039187

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0497295	.2242126	.0324636	10.46785	.0865067	.0231670
Stddev	.0041253	.0358006	.0007024	.13320	.0003705	.0003613
%RSD	8.295521	15.96725	2.163781	1.272481	.4282964	1.559337
#1	.0508678	.1869966	.0332736	10.31406	.0860943	.0227897
#2	.0531661	.2272351	.0320217	10.54265	.0868116	.0235097
#3	.0451545	.2584061	.0320955	10.54684	.0866141	.0232017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60352	.1175664	.1123975	10.05213	.0168789	F -.000213
Stddev	.19601	.0071231	.0008850	.09370	.0037007	.000494
%RSD	1.848514	6.058799	.7873986	.9321454	21.92483	231.8081
#1	10.69185	.1102389	.1114142	10.14722	.0187273	.000314
#2	10.37889	.1244658	.1131303	10.04929	.0192913	-.000665
#3	10.73981	.1179947	.1126478	9.95988	.0126182	-.000289

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: PB164537BS Acquired: 11/13/2024 3:23:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS537 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0194909	.1821176	F .4645662	F .0082300	.2089754	.0280006
Stddev	.0004884	.0035373	.0025716	.0027267	.0022677	.0008616
%RSD	2.506069	1.942320	.5535568	33.13165	1.085129	3.077177
#1	.0189470	.1781863	.4656372	.0050980	.2082856	.0271223
#2	.0198923	.1850432	.4664293	.0095166	.2115079	.0288445
#3	.0196333	.1831232	.4616322	.0100754	.2071327	.0280350

Elem	Sr4077
Units	ppm
Avg	.2172133
Stddev	.0004608
%RSD	.2121439
#1	.2176792
#2	.2172028
#3	.2167578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	867.7267	23533.54	2491.303	784.2850	1717.928
Stddev	.0446	12.73	10.785	3.2059	1.772
%RSD	.0051426	.0540975	.4329062	.4087632	.1031760
#1	867.7495	23548.17	2486.467	784.4080	1717.281
#2	867.7552	23527.48	2483.782	787.4275	1716.569
#3	867.6753	23524.97	2503.659	781.0194	1719.933

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4521-10DLX2 Acquired: 11/13/2024 3:28:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3301791	.1027616	.2356176	.1642948	.1715705	120.3892	5.349054
Stddev	.0054126	.0036360	.0035570	.0107798	.0033566	.0647	.014181
%RSD	1.639301	3.538285	1.509648	6.561238	1.956395	.0537765	.2651157
#1	.3293677	.1015129	.2375846	.1751877	.1751098	120.3855	5.347315
#2	.3359516	.0999145	.2377567	.1640649	.1711687	120.4556	5.364024
#3	.3252179	.1068574	.2315116	.1536319	.1684328	120.3263	5.335822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981674	.1166303	34.14604	.6385531	1.168835	.9301901	262.7434
Stddev	.0002611	.0005598	.06008	.0048043	.001945	.0042744	.6027
%RSD	.2659409	.4799577	.1759515	.7523724	.1664230	.4595166	.2293770
#1	.0980207	.1172725	34.10979	.6330992	1.170211	.9298157	262.1287
#2	.0980128	.1163728	34.11293	.6404009	1.166610	.9261152	262.7681
#3	.0984688	.1162457	34.21539	.6421590	1.169684	.9346393	263.3333

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.671191	50.56549	1.303872	.0710943	1.576151	1.480291	1.425025
Stddev	.011618	.13730	.001068	.0007046	.238552	.004894	.003780
%RSD	.1514494	.2715247	.0819418	.9911257	15.13512	.3305875	.2652300
#1	7.680069	50.49771	1.304730	.0702821	1.824138	1.484157	1.428824
#2	7.675463	50.47527	1.302675	.0714582	1.348312	1.481928	1.421265
#3	7.658042	50.72350	1.304210	.0715425	1.556001	1.474789	1.424987

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	26.30400	6.109659	.2013649	-.001350	1.465819	7.869123	.0027567
Stddev	.07189	.011232	.0009570	.000436	.000993	.018373	.0030986
%RSD	.2733137	.1838474	.4752294	32.25170	.0677396	.2334831	112.4019
#1	26.37301	6.114081	.2024699	-.001798	1.464736	7.876667	.0062812
#2	26.30947	6.096889	.2008050	-.000928	1.466687	7.848179	.0015287
#3	26.22953	6.118008	.2008200	-.001325	1.466034	7.882524	.0004604

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4521-10DLX2 Acquired: 11/13/2024 3:28:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.728778	.0980671	.2736091
Stddev	.007557	.0007654	.0006337
%RSD	.2769420	.7804650	.2316115
#1	2.721299	.0971840	.2735757
#2	2.728624	.0985398	.2742588
#3	2.736411	.0984774	.2729927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.9705	25385.69	2745.219	831.6620	1614.249
Stddev	.8807	98.13	2.631	1.9606	1.845
%RSD	.0950060	.3865437	.0958436	.2357469	.1142809
#1	926.8640	25495.45	2745.964	830.8956	1612.303
#2	926.1479	25355.19	2747.398	830.2004	1615.972
#3	927.8996	25306.43	2742.296	833.8901	1614.472

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4521-08DLX10 Acquired: 11/13/2024 3:32:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0576671	.0048474	.0407971	-.006520	.0019035	24.66888	.3083573
Stddev	.0080550	.0025689	.0003724	.005162	.0035284	.05742	.0007813
%RSD	13.96812	52.99580	.9128684	79.17062	185.3584	.2327670	.2533624
#1	.0661590	.0029739	.0403776	-.000748	.0050326	24.72113	.3077204
#2	.0501350	.0077759	.0410890	-.010693	.0025987	24.60741	.3081224
#3	.0567074	.0037924	.0409246	-.008120	-.001921	24.67809	.3092291

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009610	.0022080	7.335171	.0500368	.0287693	.1036234	56.96710
Stddev	.0000315	.0000288	.051352	.0005066	.0005049	.0034630	.24275
%RSD	3.273355	1.303521	.7000834	1.012466	1.754898	3.341875	.4261210
#1	.0009967	.0022197	7.382392	.0494921	.0287256	.1014169	57.12669
#2	.0009487	.0021752	7.280501	.0504939	.0282877	.1076147	56.68774
#3	.0009375	.0022291	7.342619	.0501243	.0292946	.1018387	57.08687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.448578	10.64937	.0543249	-.003609	.5398940	.1094858	.1334844
Stddev	.002199	.07811	.0002752	.000382	.3366498	.0080223	.0003562
%RSD	.1518270	.7334254	.5066232	10.57983	62.35479	7.327217	.2668451
#1	1.449327	10.73530	.0542341	-.003573	.5291797	.1021702	.1331589
#2	1.450305	10.63014	.0546340	-.003246	.8817731	.1180648	.1338649
#3	1.446102	10.58268	.0541065	-.004007	.2087293	.1082225	.1334293

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.441476	1.199504	.0434740	-.000416	.2870033	1.723278	-.000649
Stddev	.059185	.005096	.0016706	.000234	.0018349	.001581	.001847
%RSD	1.087662	.4248811	3.842688	56.21733	.6393176	.0917191	284.8340
#1	5.474960	1.195331	.0426467	-.000661	.2872434	1.725066	.000072
#2	5.476328	1.197996	.0423786	-.000196	.2887062	1.722065	-.002748
#3	5.373140	1.205184	.0453968	-.000391	.2850602	1.722704	.000730

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4521-08DLX10 Acquired: 11/13/2024 3:32:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4P2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.5823486	.0190572	.0580143
Stddev	.0023409	.0010179	.0000768
%RSD	.4019743	5.341509	.1323870
#1	.5810515	.0180554	.0579680
#2	.5850509	.0200905	.0579719
#3	.5809434	.0190256	.0581029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	889.8622	24112.44	2559.111	802.6680	1712.684
Stddev	.8641	104.80	10.438	1.6908	2.177
%RSD	.0971074	.4346288	.4078567	.2106445	.1270865
#1	888.8686	24111.36	2548.679	800.7329	1710.661
#2	890.2789	24008.19	2559.100	803.8600	1714.987
#3	890.4389	24217.78	2569.554	803.4111	1712.404

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV067 Acquired: 11/13/2024 3:36:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.079816	4.767090	24.73647	4.728841	4.788373	408.8608	10.16925
Stddev	.023464	.010908	.03638	.016717	.006969	1.0214	.02632
%RSD	.4618997	.2288210	.1470598	.3535205	.1455368	.2498158	.2588315
#1	5.052955	4.754546	24.69543	4.732991	4.793791	407.6820	10.13925
#2	5.096313	4.774350	24.76474	4.710440	4.780511	409.4167	10.18004
#3	5.090181	4.772374	24.74924	4.743094	4.790817	409.4837	10.18847

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5020948	2.529737	411.2526	15.11907	2.511608	14.91057	416.1514
Stddev	.0023993	.005032	2.0875	.02921	.001605	.06508	2.0339
%RSD	.4778513	.1989026	.5075930	.1932101	.0639230	.4364952	.4887303
#1	.4996075	2.523983	408.8622	15.12770	2.509755	14.85172	413.8308
#2	.5022818	2.533311	412.1788	15.08652	2.512490	14.98047	416.9989
#3	.5043951	2.531916	412.7167	15.14300	2.512580	14.89951	417.6244

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.79919	407.5515	2.485996	1.233079	411.2232	2.492712	14.48198
Stddev	.03828	1.8703	.003806	.002286	1.2639	.022102	.06812
%RSD	.2586866	.4589182	.1531148	.1853711	.3073548	.8866469	.4703843
#1	14.76107	405.5149	2.481821	1.230441	409.7682	2.467433	14.48872
#2	14.79887	409.1921	2.486894	1.234307	411.8516	2.502319	14.54648
#3	14.83763	407.9476	2.489273	1.234487	412.0497	2.508385	14.41074

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.8945	4.919045	5.027567	4.725563	5.001474	5.013598	4.987954
Stddev	.5496	.021330	.014763	.001741	.005332	.020739	.018769
%RSD	.3571340	.4336294	.2936313	.0368361	.1066157	.4136492	.3762947
#1	153.3431	4.894474	5.011591	4.723883	4.999871	4.990172	4.967292
#2	153.8980	4.932814	5.030404	4.727359	4.997128	5.021011	4.992619
#3	154.4423	4.929846	5.040705	4.725448	5.007424	5.029612	5.003951

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV067 Acquired: 11/13/2024 3:36:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.967417	5.055322	5.075079
Stddev	.027286	.012071	.008930
%RSD	.5492996	.2387865	.1759483
#1	4.936676	5.041452	5.065854
#2	4.976808	5.063457	5.075703
#3	4.988767	5.061057	5.083680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	700.7214	21414.73	2376.413	591.5212	1332.275
Stddev	.5860	37.11	11.383	2.7731	2.319
%RSD	.0836333	.1732694	.4789809	.4688067	.1740924
#1	700.0733	21436.13	2388.585	590.3347	1334.823
#2	700.8768	21436.18	2374.622	589.5388	1330.287
#3	701.2139	21371.89	2366.032	594.6902	1331.716

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB067 Acquired: 11/13/2024 3:41:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021421	.0008420	.0008234	.0001761	-.000651	.0165931	.0006764
Stddev	.0068408	.0023408	.0011953	.0037096	.001196	.0069641	.0005403
%RSD	319.3566	277.9915	145.1671	2106.796	183.8007	41.96979	79.87296
#1	.0089315	.0022946	.0014455	.0020000	.000440	.0218563	.0011464
#2	.0022436	.0020899	-.000555	.0026206	-.000463	.0086963	.0000861
#3	-.004749	-.001858	.001579	-.004092	-.001929	.0192267	.0007967

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001268	-.000214	.0158630	.0002712	.0006334	-.003131	-.002308
Stddev	.0000276	.000111	.0122657	.0005352	.0002328	.002587	.019712
%RSD	21.78769	52.13796	77.32279	197.3616	36.75305	82.64020	853.9979
#1	.0001568	-.000313	.0220716	-.000181	.0008954	-.005652	.012767
#2	.0001211	-.000093	.0017343	.000132	.0005544	-.000482	-.024615
#3	.0001025	-.000235	.0237831	.000862	.0004504	-.003259	.004923

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000236	-.000663	-.000347	.0003686	.0859155	.0077783	.0000756
Stddev	.000445	.088407	.000235	.0004596	.5502550	.0020947	.0005475
%RSD	188.3312	13329.42	67.64024	124.6920	640.4610	26.93054	724.1487
#1	-.000355	.020178	-.000615	.0005808	-.381644	.0055934	.0006838
#2	-.000609	-.097629	-.000181	.0006837	-.052893	.0079722	-.000079
#3	.000256	.075461	-.000244	-.000159	.692283	.0097694	-.000378

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2948898	-.000831	.0053920	.0002657	.0085463	.0011566	-.006043
Stddev	.0889217	.000956	.0006164	.0003848	.0035587	.0005153	.001297
%RSD	30.15422	115.0029	11.43115	144.8288	41.64096	44.55120	21.46371
#1	.2004593	.000218	.0059387	.0006735	.0125153	.0007234	-.005153
#2	.3071876	-.001059	.0055132	.0002146	.0056400	.0010200	-.007531
#3	.3770225	-.001652	.0047240	-.000091	.0074836	.0017264	-.005445

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB067 Acquired: 11/13/2024 3:41:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB067 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000294	-.000427	.0002218
Stddev	.000573	.000877	.0000966
%RSD	194.8935	205.5048	43.53326
#1	.000350	.000473	.0002393
#2	-.000484	-.001279	.0003084
#3	-.000748	-.000474	.0001177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	879.4862	23725.28	2490.054	788.8587	1767.219
Stddev	1.5071	134.17	8.982	3.5959	2.100
%RSD	.1713569	.5655019	.3607330	.4558364	.1188310
#1	878.4486	23652.26	2489.500	785.7892	1764.834
#2	881.2149	23643.45	2481.361	787.9718	1768.792
#3	878.7952	23880.12	2499.300	792.8151	1768.030

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4541-05ADLX2 Acquired: 11/13/2024 3:45:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5B7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3653835	.0169049	.4889690	-.004797	.1133584	67.96393	1.771810
Stddev	.0116899	.0050058	.0057752	.005690	.0033815	.13757	.001726
%RSD	3.199344	29.61155	1.181097	118.6093	2.983011	.2024223	.0974052
#1	.3533713	.0172372	.4949136	.001773	.1094910	67.93627	1.773658
#2	.3660575	.0117412	.4886140	-.008141	.1157577	67.84229	1.770240
#3	.3767218	.0217363	.4833795	-.008023	.1148266	68.11324	1.771531

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029628	.0176893	23.47964	.1992711	.1327330	2.903709	259.5985
Stddev	.0000508	.0001492	.13547	.0004213	.0002617	.006624	.9428
%RSD	1.712809	.8432211	.5769669	.2113932	.1971731	.2281151	.3631577
#1	.0029750	.0176599	23.41559	.1994527	.1330194	2.898175	259.6996
#2	.0030064	.0178510	23.38806	.1995712	.1326734	2.911048	258.6093
#3	.0029071	.0175571	23.63525	.1987896	.1325062	2.901903	260.4867

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.59632	30.64617	.2220662	-.017815	1.398484	.4922057	2.290524
Stddev	.05545	.17713	.0013748	.000181	.096299	.0067891	.003741
%RSD	.3798717	.5779975	.6190870	1.013775	6.885986	1.379326	.1633367
#1	14.65887	30.75830	.2209371	-.017888	1.321647	.4876394	2.289652
#2	14.57689	30.44196	.2235971	-.017949	1.367291	.5000073	2.287295
#3	14.55320	30.73825	.2216644	-.017610	1.506513	.4889702	2.294624

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.19111	4.333563	.1937015	.0010786	1.045701	8.057309	.0024772
Stddev	.16848	.007297	.0020736	.0006602	.007649	.029690	.0027033
%RSD	1.187253	.1683906	1.070540	61.20720	.7315098	.3684800	109.1253
#1	14.04666	4.325150	.1924355	.0009907	1.041081	8.091158	.0013797
#2	14.15046	4.338181	.1925744	.0017783	1.041492	8.045089	.0004953
#3	14.37620	4.337357	.1960946	.0004667	1.054531	8.035680	.0055567

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4541-05ADLX2 Acquired: 11/13/2024 3:45:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5B7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	2.333779	.0575933	.1731556
Stddev	.008657	.0011158	.0003658
%RSD	.3709555	1.937394	.2112609
#1	2.340281	.0564198	.1727429
#2	2.323953	.0577195	.1734397
#3	2.337105	.0586407	.1732843

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	899.1206	24706.70	2642.019	810.3402	1653.882
Stddev	.5241	19.92	10.653	.5315	2.774
%RSD	.0582916	.0806203	.4032006	.0655876	.1677419
#1	898.9049	24721.86	2630.333	810.2379	1650.919
#2	899.7181	24714.10	2644.537	810.9153	1654.311
#3	898.7387	24684.14	2651.187	809.8672	1656.417

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4542-04ADLX2 Acquired: 11/13/2024 3:50:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5D6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4667659	.0134133	.3401789	-.003265	.0098043	90.87190	1.758414
Stddev	.0097186	.0015382	.0026494	.003193	.0023267	.29416	.003078
%RSD	2.082119	11.46741	.7788266	97.79036	23.73163	.3237051	.1750507
#1	.4561532	.0134609	.3380023	.000422	.0124054	91.14879	1.761961
#2	.4752312	.0149271	.3431290	-.005127	.0090864	90.90384	1.756842
#3	.4689134	.0118519	.3394055	-.005091	.0079212	90.56308	1.756440

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044393	.0162438	23.40990	.2039937	.1476127	2.883395	275.7746
Stddev	.0001553	.0000580	.05234	.0008880	.0007323	.013793	1.2462
%RSD	3.499236	.3571139	.2235941	.4353173	.4960763	.4783575	.4518765
#1	.0045964	.0162444	23.46394	.2031645	.1473362	2.893381	276.8487
#2	.0042857	.0161855	23.35944	.2038859	.1484430	2.889149	276.0669
#3	.0044358	.0163015	23.40632	.2049306	.1470590	2.867657	274.4083

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.88128	32.46022	.2853736	-.018635	1.456194	.5170527	.6240570
Stddev	.02282	.26227	.0018051	.000387	.112066	.0094370	.0044298
%RSD	.2097637	.8079730	.6325578	2.078381	7.695816	1.825145	.7098448
#1	10.90212	32.73724	.2854074	-.018909	1.377748	.5261913	.6198823
#2	10.88484	32.21574	.2835518	-.018803	1.584543	.5073433	.6287041
#3	10.85689	32.42769	.2871616	-.018192	1.406290	.5176235	.6235845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.76715	5.300144	.2027334	-.001356	.7259346	7.630067	.0039640
Stddev	.05918	.006604	.0032419	.000048	.0056502	.015949	.0001548
%RSD	.3330716	.1245952	1.599092	3.533522	.7783292	.2090328	3.905834
#1	17.69930	5.299953	.2064662	-.001405	.7198067	7.648450	.0040271
#2	17.80811	5.293639	.2006228	-.001354	.7270593	7.621854	.0037876
#3	17.79404	5.306842	.2011113	-.001309	.7309379	7.619899	.0040774

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4542-04ADLX2 Acquired: 11/13/2024 3:50:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5D6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.181792	.0755441	.2568580
Stddev	.010086	.0014138	.0005258
%RSD	.3169988	1.871438	.2046989
#1	3.191575	.0742298	.2573230
#2	3.182373	.0770398	.2569635
#3	3.171427	.0753627	.2562874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	926.5355	25384.53	2711.880	831.2456	1644.815
Stddev	1.2316	27.71	7.583	2.8170	.864
%RSD	.1329222	.1091589	.2796179	.3388929	.0525217
#1	925.8785	25358.90	2704.221	834.2413	1645.752
#2	927.9563	25380.76	2712.034	828.6500	1644.643
#3	925.7718	25413.93	2719.385	830.8456	1644.051

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4543-03ADLX2 Acquired: 11/13/2024 3:54:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5F5A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5730148	.0130300	.2387001	-.000309	.0082455	93.33222	1.464345
Stddev	.0067921	.0021498	.0023896	.008353	.0045339	.24712	.001242
%RSD	1.185328	16.49849	1.001107	2705.402	54.98670	.2647765	.0848044
#1	.5731309	.0106445	.2383897	-.005479	.0073973	93.45606	1.464113
#2	.5661654	.0148173	.2364809	-.004775	.0131436	93.49294	1.465687
#3	.5797481	.0136281	.2412298	.009328	.0041956	93.04766	1.463236

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034987	.0117432	24.37984	.2282210	.1232642	.4819986	228.7861
Stddev	.0000638	.0000455	.13226	.0005625	.0009235	.0016222	.8811
%RSD	1.823638	.3870103	.5425084	.2464607	.7492373	.3365555	.3851221
#1	.0034876	.0117939	24.41542	.2275716	.1235365	.4806397	229.5730
#2	.0034412	.0117060	24.49067	.2285367	.1222351	.4837946	228.9512
#3	.0035673	.0117298	24.23343	.2285546	.1240209	.4815616	227.8342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.80262	38.49014	.2213463	-.016614	1.341444	.4676366	.5460615
Stddev	.01502	.36262	.0013526	.000639	.093840	.0124946	.0010880
%RSD	.1389960	.9421132	.6110947	3.844244	6.995467	2.671858	.1992408
#1	10.79209	38.87433	.2217384	-.017324	1.270761	.4581446	.5449944
#2	10.81982	38.44223	.2198410	-.016431	1.447911	.4817922	.5460209
#3	10.79596	38.15385	.2224597	-.016086	1.305659	.4629730	.5471693

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.86588	4.050598	.1724640	-.000993	1.212904	8.449755	.0007176
Stddev	.05481	.016572	.0012755	.000610	.007155	.045698	.0012261
%RSD	.3249529	.4091336	.7395509	61.42934	.5898910	.5408154	170.8681
#1	16.81204	4.066135	.1736023	-.001459	1.220428	8.439302	.0011097
#2	16.86400	4.033155	.1727041	-.000303	1.206187	8.499773	-.000657
#3	16.92160	4.052504	.1710855	-.001218	1.212095	8.410189	.001700

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4543-03ADLX2 Acquired: 11/13/2024 3:54:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5F5A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.975899	.0681698	.1726034
Stddev	.009505	.0007176	.0002288
%RSD	.4810513	1.052719	.1325560
#1	1.982058	.0688706	.1725540
#2	1.980686	.0674364	.1728529
#3	1.964952	.0682023	.1724034

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	915.4837	25046.74	2697.170	824.1755	1645.584
Stddev	.8741	41.18	9.732	3.7960	3.814
%RSD	.0954819	.1644032	.3608144	.4605835	.2317987
#1	914.4752	25075.16	2698.306	827.1091	1641.431
#2	916.0250	25065.55	2686.921	825.5292	1648.932
#3	915.9507	24999.52	2706.284	819.8882	1646.390

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4569-04ADLX2 Acquired: 11/13/2024 3:58:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE519A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4479252	.0125364	.4743408	.0009334	.0116745	99.13610	1.295140
Stddev	.0062158	.0016599	.0095574	.0028407	.0025629	.51119	.005796
%RSD	1.387691	13.24025	2.014879	304.3327	21.95332	.5156458	.4475164
#1	.4547592	.0108596	.4639996	.0022544	.0111909	98.62736	1.288449
#2	.4426085	.0141788	.4828489	-.002327	.0144448	99.13124	1.298612
#3	.4464079	.0125709	.4761738	.002873	.0093878	99.64971	1.298359

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033410	.0211267	17.13852	.2423281	.1688199	3.048552	334.9910
Stddev	.0001461	.0003650	.11299	.0006130	.0008201	.015727	1.9780
%RSD	4.373614	1.727865	.6592531	.2529534	.4857687	.5158843	.5904506
#1	.0035096	.0215169	17.02638	.2416309	.1694740	3.033901	333.5279
#2	.0032498	.0207935	17.13685	.2427825	.1678999	3.046586	334.2037
#3	.0032637	.0210697	17.25233	.2425709	.1690859	3.065170	337.2414

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.457462	47.37600	.2865260	-.023474	1.986159	.6957613	2.509838
Stddev	.025252	.25275	.0015526	.000106	.174364	.0129422	.002042
%RSD	.3910484	.5335067	.5418722	.4511363	8.778947	1.860152	.0813416
#1	6.451747	47.26854	.2856325	-.023407	2.105474	.6831358	2.511261
#2	6.435558	47.19474	.2856268	-.023420	2.066950	.6951496	2.510753
#3	6.485082	47.66473	.2883188	-.023596	1.786054	.7089985	2.507499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.84444	4.817519	.2371317	-.001031	.7670823	7.294087	.0073539
Stddev	.21273	.014139	.0024345	.000322	.0086466	.035790	.0006253
%RSD	1.262923	.2934876	1.026655	31.22366	1.127202	.4906770	8.502902
#1	16.73970	4.806087	.2356740	-.001398	.7688757	7.294386	.0072032
#2	16.70438	4.813141	.2357789	-.000896	.7746916	7.258148	.0080408
#3	17.08923	4.833329	.2399422	-.000798	.7576797	7.329727	.0068178

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4569-04ADLX2 Acquired: 11/13/2024 3:58:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE519A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.134266	.0834506	.1932664
Stddev	.023759	.0004633	.0014251
%RSD	.7580269	.5551337	.7373905
#1	3.111415	.0835318	.1917708
#2	3.132545	.0838679	.1934196
#3	3.158839	.0829522	.1946087

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	916.9100	25205.12	2714.118	822.8593	1634.528
Stddev	2.0024	16.78	13.488	2.0033	1.202
%RSD	.2183849	.0665705	.4969484	.2434500	.0735656
#1	914.7637	25199.65	2709.087	821.5426	1634.518
#2	918.7280	25191.75	2729.399	821.8706	1635.736
#3	917.2382	25223.94	2703.870	825.1647	1633.331

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4497-20A Acquired: 11/13/2024 4:03:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHDD0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006735	-.010326	.0883226	.0436644	.0099391	174.3559
Stddev	.008206	.004313	.0015520	.0107836	.0013595	.8045
%RSD	121.8351	41.77347	1.757215	24.69655	13.67807	.4613885
#1	-.014894	-.014375	.0889964	.0557160	.0113695	173.5187
#2	-.006827	-.010812	.0894238	.0349264	.0097839	174.4257
#3	.001516	-.005790	.0865476	.0403508	.0086638	175.1231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4596888	.0039495	.0254255	651.2356	1.690719	.3095082
Stddev	.0013736	.0001443	.0004376	3.4510	.001847	.0008561
%RSD	.2988121	3.652471	1.720941	.5299083	.1092395	.2766092
#1	.4584899	.0037834	.0257473	647.4492	1.688794	.3101684
#2	.4593889	.0040225	.0256019	652.0533	1.690888	.3085408
#3	.4611876	.0040428	.0249273	654.2042	1.692476	.3098153

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4133830	430.5968	4.747971	216.8054	F 6.915586	-.022731
Stddev	.0036669	2.2360	.017387	.7081	.008049	.000164
%RSD	.8870381	.5192750	.3661966	.3266261	.1163928	.7211569
#1	.4093194	428.2816	4.729728	216.2076	6.922590	-.022890
#2	.4143847	430.7649	4.749834	216.6212	6.906793	-.022562
#3	.4164449	432.7441	4.764351	217.5875	6.917376	-.022740

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.00624	1.229972	1.588352	14.65894	7.979554	.4467640
Stddev	.31128	.022296	.000755	.11115	.013554	.0022964
%RSD	1.414521	1.812693	.0475606	.7582218	.1698579	.5140120
#1	21.93512	1.206208	1.587637	14.53335	7.968827	.4455720
#2	21.73667	1.233276	1.589142	14.69883	7.994787	.4453087
#3	22.34692	1.250431	1.588276	14.74463	7.975047	.4494113

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4497-20A Acquired: 11/13/2024 4:03:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHDD0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036794	28.46485	7.491106	.0022290	6.623353	.2215658
Stddev	.0001664	.04476	.033886	.0024890	.028809	.0005363
%RSD	4.521843	.1572633	.4523495	111.6636	.4349549	.2420461
#1	.0037636	28.50163	7.456905	.0002963	6.593732	.2216999
#2	.0034878	28.47792	7.524668	.0013532	6.625053	.2220223
#3	.0037869	28.41501	7.491746	.0050376	6.651274	.2209751

Elem	Sr4077
Units	ppm
Avg	1.103547
Stddev	.004356
%RSD	.3947038
#1	1.099028
#2	1.103893
#3	1.107718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	863.4557	24844.63	2786.385	778.3246	1361.778
Stddev	1.4221	13.68	10.734	2.8408	3.110
%RSD	.1646999	.0550630	.3852475	.3649851	.2283695
#1	861.8243	24852.69	2795.678	775.0799	1358.547
#2	864.1093	24828.83	2774.635	779.5305	1362.038
#3	864.4336	24852.36	2788.842	780.3636	1364.750

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-07A Acquired: 11/13/2024 4:07:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4541805	.0119618	.3940683	-.006485	.0155599	92.34999	1.388223
Stddev	.0063694	.0028234	.0036833	.006622	.0033299	.15504	.001622
%RSD	1.402395	23.60364	.9346791	102.1068	21.40075	.1678866	.1168091
#1	.4609758	.0093219	.3900435	-.000345	.0118883	92.52271	1.389428
#2	.4483462	.0116249	.3948899	-.005609	.0183846	92.22282	1.386380
#3	.4532195	.0149385	.3972713	-.013502	.0164067	92.30446	1.388862

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031958	.0197055	19.18700	.2151579	.1509167	2.537580	285.3994
Stddev	.0001825	.0004155	.02405	.0008780	.0010099	.004347	.5095
%RSD	5.709796	2.108630	.1253632	.4080736	.6691543	.1713201	.1785051
#1	.0033799	.0193146	19.20759	.2147715	.1505774	2.542577	285.7614
#2	.0031924	.0196600	19.19285	.2145393	.1501201	2.534667	285.6200
#3	.0030150	.0201419	19.16056	.2161628	.1520525	2.535496	284.8168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.317587	47.59154	.3027362	-.020024	1.414794	.5614457	.8237378
Stddev	.010980	.12435	.0024779	.000428	.112111	.0109754	.0036553
%RSD	.1737945	.2612901	.8185041	2.137147	7.924226	1.954841	.4437498
#1	6.310554	47.70801	.3016336	-.020366	1.507866	.5663122	.8233455
#2	6.311968	47.60604	.3010010	-.020162	1.446181	.5691463	.8275735
#3	6.330239	47.46057	.3055740	-.019544	1.290334	.5488785	.8202945

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.77410	5.317969	.2038685	.0000931	.6945587	8.361825	.0027795
Stddev	.03823	.054276	.0010764	.0001283	.0058623	.032462	.0013878
%RSD	.2279071	1.020618	.5279763	137.8471	.8440370	.3882181	49.92978
#1	16.73051	5.270339	.2032852	.0002196	.6979811	8.389332	.0025152
#2	16.80195	5.306507	.2051106	.0000965	.6979055	8.326019	.0042805
#3	16.78982	5.377061	.2032095	-.000037	.6877896	8.370124	.0015429

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4523-07A Acquired: 11/13/2024 4:07:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4T8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.227534	.0828948	.2564907
Stddev	.006121	.0015014	.0001599
%RSD	.1896432	1.811156	.0623435
#1	3.226554	.0840959	.2563440
#2	3.234085	.0833770	.2566611
#3	3.221962	.0812116	.2564669

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.5888	25473.64	2729.392	838.0122	1639.060
Stddev	6.6327	42.10	8.469	2.7076	10.639
%RSD	.7165969	.1652766	.3102708	.3231036	.6490931
#1	929.4080	25507.11	2723.030	838.0331	1645.613
#2	929.4285	25487.44	2739.004	835.2941	1644.783
#3	917.9300	25426.37	2726.142	840.7093	1626.785

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4496-08 Acquired: 11/13/2024 4:12:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016234	-.008165	.1151186	-.010725	.0083480	162.0839
Stddev	.007164	.006836	.0086336	.003973	.0019192	.4646
%RSD	44.12709	83.72157	7.499731	37.04158	22.99026	.2866553
#1	-.014321	-.013025	.1247900	-.008767	.0064989	161.9148
#2	-.024160	-.000348	.1081883	-.015296	.0103304	161.7274
#3	-.010221	-.011122	.1123776	-.008111	.0082147	162.6093

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6666387	.0032468	.0223126	F 882.2594	2.137523	.2677253
Stddev	.0012216	.0001237	.0001409	3.3058	.005491	.0011061
%RSD	.1832466	3.810854	.6315417	.3747005	.2568692	.4131499
#1	.6662734	.0032113	.0223760	883.4244	2.142839	.2687414
#2	.6656415	.0033845	.0221512	878.5288	2.131873	.2665471
#3	.6680013	.0031448	.0224107	884.8250	2.137858	.2678874

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3608777	394.3146	4.731872	233.3633	2.746756	-.015377
Stddev	.0046901	1.8577	.009043	.9072	.012789	.000246
%RSD	1.299626	.4711227	.1911060	.3887688	.4656137	1.600945
#1	.3651156	394.8240	4.722181	233.4635	2.744477	-.015611
#2	.3616789	392.2553	4.733349	232.4101	2.735259	-.015401
#3	.3558387	395.8644	4.740085	234.2163	2.760531	-.015120

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.691330	1.095693	.6219396	13.57792	7.702754	.3147751
Stddev	.334396	.005370	.0035643	.13804	.017194	.0030879
%RSD	9.058954	.4901138	.5730865	1.016675	.2232174	.9809863
#1	3.573099	1.098755	.6178667	13.59984	7.697446	.3146370
#2	3.432112	1.089493	.6244884	13.43023	7.688840	.3117585
#3	4.068780	1.098833	.6234637	13.70369	7.721976	.3179297

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4496-08 Acquired: 11/13/2024 4:12:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHZC8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007965	48.99889	12.83521	.0032194	4.770623	.1709463
Stddev	.0006636	.12107	.04040	.0061790	.016416	.0007398
%RSD	83.31369	.2470923	.3147925	191.9331	.3441125	.4327921
#1	.0010629	48.93315	12.79025	.0066173	4.772600	.1705821
#2	.0000411	48.92491	12.84691	-.003913	4.753308	.1717977
#3	.0012856	49.13861	12.86847	.006954	4.785961	.1704592

Elem	Sr4077
Units	ppm
Avg	1.362951
Stddev	.003465
%RSD	.2542029
#1	1.361266
#2	1.360652
#3	1.366936

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	841.4580	24008.39	2695.828	754.3791	1369.442
Stddev	1.3407	82.33	4.553	2.9277	2.351
%RSD	.1593294	.3429026	.1689005	.3880970	.1717099
#1	840.2142	23951.19	2699.777	756.7210	1367.683
#2	842.8781	24102.74	2696.859	751.0967	1372.113
#3	841.2816	23971.24	2690.847	755.3197	1368.530

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4541-20DLX2 Acquired: 11/13/2024 4:16:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5D0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2945184	.0197686	.1789015	-.005897	.0096463	155.6820
Stddev	.0084286	.0061050	.0019166	.013947	.0016827	2.0061
%RSD	2.861836	30.88236	1.071310	236.4925	17.44368	1.288618
#1	.2884271	.0133271	.1789766	.009665	.0105436	154.2529
#2	.2909903	.0205091	.1807794	-.017266	.0106902	157.9755
#3	.3041378	.0254696	.1769484	-.010091	.0077052	154.8177

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.151836	.0044667	.0153288	31.20948	.3266510	.2217905
Stddev	.029448	.0001563	.0003705	.42366	.0019183	.0012013
%RSD	1.368512	3.498843	2.417017	1.357487	.5872613	.5416406
#1	2.135777	.0043542	.0154118	30.89247	.3278078	.2204040
#2	2.185823	.0046452	.0149238	31.69066	.3244366	.2224481
#3	2.133908	.0044008	.0156507	31.04531	.3277085	.2225195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4354773	347.0934	F 41.97654	56.11385	.3485765	-.025297
Stddev	.0068384	4.2520	.55502	.81172	.0018235	.000186
%RSD	1.570324	1.225034	1.322220	1.446562	.5231275	.7364578
#1	.4317540	344.2374	41.68388	55.51505	.3467942	-.025335
#2	.4433695	351.9800	42.61664	57.03773	.3484969	-.025462
#3	.4313086	345.0628	41.62909	55.78878	.3504386	-.025095

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.052557	.6965520	.5473286	17.96079	4.006611	.2498420
Stddev	.176248	.0101679	.0009315	.10951	.005552	.0037629
%RSD	8.586759	1.459753	.1701843	.6097380	.1385706	1.506103
#1	2.216060	.6863183	.5483908	17.88623	4.002952	.2488296
#2	2.075752	.7066529	.5466514	18.08652	4.003881	.2540075
#3	1.865860	.6966847	.5469435	17.90962	4.012999	.2466889

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4541-20DLX2 Acquired: 11/13/2024 4:16:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5D0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002684	.6459485	8.091306	.0048732	2.916582	.1221254
Stddev	.000711	.0080168	.072230	.0008247	.035068	.0025330
%RSD	26.48163	1.241094	.8926901	16.92381	1.202370	2.074078
#1	-.003496	.6524079	8.035512	.0051217	2.890461	.1199892
#2	-.002382	.6484614	8.172892	.0055451	2.956439	.1249236
#3	-.002174	.6369763	8.065513	.0039528	2.902845	.1214633

Elem	Sr4077
Units	ppm
Avg	.2680671
Stddev	.0037891
%RSD	1.413483
#1	.2654814
#2	.2724165
#3	.2663033

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	933.9029	25628.20	2743.724	842.9540	1606.170
Stddev	1.4628	78.30	29.440	1.9305	1.477
%RSD	.1566322	.3055050	1.072997	.2290197	.0919327
#1	935.3843	25597.47	2764.634	842.3111	1607.848
#2	933.8650	25569.93	2710.057	841.4269	1605.072
#3	932.4595	25717.20	2756.482	845.1239	1605.588

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4542-14DLX2 Acquired: 11/13/2024 4:20:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2882445	.0278039	.4450141	-.013478	.0062790	85.58305
Stddev	.0010770	.0006618	.0071861	.005608	.0042184	.22457
%RSD	.3736365	2.380152	1.614793	41.61219	67.18278	.2624052
#1	.2882649	.0277888	.4533091	-.016648	.0076376	85.42111
#2	.2893112	.0284731	.4406817	-.007002	.0096508	85.83942
#3	.2871575	.0271499	.4410514	-.016783	.0015487	85.48862

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.097508	.0038776	.0208409	25.54680	.2591080	.2144804
Stddev	.010305	.0000731	.0001181	.12595	.0018658	.0019211
%RSD	.2514868	1.883804	.5668201	.4930039	.7200941	.8956947
#1	4.092221	.0039255	.0208571	25.51644	.2611054	.2164172
#2	4.109383	.0039137	.0207155	25.68515	.2588085	.2144486
#3	4.090920	.0037935	.0209501	25.43881	.2574100	.2125754

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097754	285.6560	F 63.90158	35.17147	.3524885	-.017961
Stddev	.005558	.7233	.06354	.07512	.0018373	.000099
%RSD	.5063016	.2532113	.0994298	.2135925	.5212399	.5528684
#1	1.093221	285.0457	63.83395	35.08573	.3544070	-.017949
#2	1.103954	286.4549	63.91076	35.20294	.3507449	-.017869
#3	1.096085	285.4672	63.96003	35.22575	.3523135	-.018066

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.547774	.5653878	.7869856	19.46931	7.347414	.2008524
Stddev	.375940	.0087598	.0067022	.12155	.045340	.0034109
%RSD	24.28911	1.549349	.8516289	.6243096	.6170939	1.698185
#1	1.527035	.5750576	.7813748	19.39566	7.387761	.2047230
#2	1.182632	.5631229	.7944071	19.60960	7.298347	.1982864
#3	1.933654	.5579828	.7851750	19.40265	7.356135	.1995479

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4542-14DLX2 Acquired: 11/13/2024 4:20:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5E4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001772	.7170954	7.147185	.0009973	3.118939	.0712029
Stddev	.000639	.0044543	.031060	.0018686	.007951	.0004860
%RSD	36.08075	.6211589	.4345727	187.3705	.2549335	.6825577
#1	-.002033	.7133396	7.118416	.0029688	3.112755	.0706518
#2	-.001043	.7159300	7.180116	-.000748	3.127908	.0715704
#3	-.002238	.7220165	7.143024	.000771	3.116153	.0713864

Elem	Sr4077
Units	ppm
Avg	.3685093
Stddev	.0003744
%RSD	.1015992
#1	.3680795
#2	.3686843
#3	.3687642

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	934.3626	25726.20	2740.000	846.7328	1624.949
Stddev	5.6684	68.22	9.668	5.8175	5.291
%RSD	.6066645	.2651922	.3528593	.6870578	.3255915
#1	928.0396	25647.43	2749.775	852.1865	1618.961
#2	938.9891	25766.40	2730.442	840.6094	1628.992
#3	936.0590	25764.78	2739.782	847.4026	1626.893

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4541-20DL2X5 Acquired: 11/13/2024 4:25:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5D0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1219603	.0117526	.0746933	-.000536	.0025895	65.21495	.8972427
Stddev	.0053966	.0037147	.0037268	.007163	.0017108	.05418	.0026007
%RSD	4.424856	31.60702	4.989440	1336.305	66.06612	.0830732	.2898529
#1	.1164568	.0079751	.0735823	-.000959	.0037145	65.22561	.8998452
#2	.1272432	.0154010	.0788492	.006829	.0034332	65.26300	.8972391
#3	.1221809	.0118818	.0716484	-.007478	.0006207	65.15623	.8946439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019620	.0053014	13.30047	.1391024	.0883527	.1838781	149.2505
Stddev	.0000608	.0001365	.05121	.0001372	.0003341	.0062290	.3150
%RSD	3.097514	2.574838	.3850153	.0986245	.3781921	3.387568	.2110555
#1	.0018999	.0053420	13.25989	.1392363	.0887335	.1806157	148.8948
#2	.0019646	.0054131	13.35801	.1391087	.0882160	.1799578	149.4941
#3	.0020214	.0051493	13.28352	.1389622	.0881085	.1910607	149.3626

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.93127	23.50750	.1399061	-.009851	.7972546	.3081188	.2358832
Stddev	.04705	.18026	.0002677	.000571	.1585013	.0045733	.0014832
%RSD	.2623870	.7668193	.1913771	5.793875	19.88088	1.484251	.6287907
#1	17.95255	23.36627	.1401101	-.009215	.9746356	.3066633	.2352545
#2	17.96391	23.71053	.1396029	-.010020	.6695173	.3044504	.2375772
#3	17.87734	23.44571	.1400052	-.010319	.7476110	.3132426	.2348179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.515630	1.588413	.1083707	-.000942	.2521455	3.498420	-.002569
Stddev	.093844	.007982	.0004319	.000346	.0109804	.010401	.002376
%RSD	1.248657	.5025288	.3985349	36.69558	4.354775	.2973111	92.47987
#1	7.622304	1.593980	.1082280	-.001209	.2574677	3.492487	.000118
#2	7.478793	1.579267	.1080282	-.001065	.2395182	3.510430	-.003432
#3	7.445793	1.591990	.1088558	-.000552	.2594506	3.492343	-.004394

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4541-20DL2X5 Acquired: 11/13/2024 4:25:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5D0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.226667	.0489924	.1125075
Stddev	.002652	.0004623	.0003045
%RSD	.2161995	.9435982	.2706740
#1	1.225037	.0485573	.1128588
#2	1.225236	.0494778	.1123187
#3	1.229727	.0489421	.1123450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	902.3892	24517.93	2605.319	810.3226	1671.287
Stddev	1.1839	74.22	9.743	2.4069	1.947
%RSD	.1311966	.3027337	.3739828	.2970266	.1164911
#1	902.6211	24432.44	2600.591	808.5415	1670.195
#2	901.1065	24555.40	2598.842	809.3656	1670.131
#3	903.4400	24565.95	2616.524	813.0608	1673.535

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4542-14DL2X5 Acquired: 11/13/2024 4:29:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1198928	.0107171	.1776471	-.005735	.0026885	35.84789	1.693317
Stddev	.0051025	.0029109	.0018676	.003413	.0007287	.06483	.005645
%RSD	4.255860	27.16121	1.051291	59.51532	27.10583	.1808344	.3333570
#1	.1253756	.0139062	.1774490	-.009505	.0018600	35.86785	1.695496
#2	.1190194	.0082030	.1758864	-.004846	.0029753	35.90039	1.697548
#3	.1152834	.0100420	.1796058	-.002855	.0032302	35.77543	1.686908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016904	.0074174	10.73504	.1104474	.0847882	.4650668	121.0032
Stddev	.0001056	.0000807	.02102	.0007862	.0006140	.0034792	.2518
%RSD	6.246202	1.088123	.1957650	.7118537	.7241035	.7481157	.2080959
#1	.0017916	.0073514	10.73391	.1113040	.0848558	.4622400	120.8351
#2	.0016988	.0075074	10.75660	.1097588	.0841433	.4640081	120.8818
#3	.0015809	.0073935	10.71461	.1102794	.0853656	.4689525	121.2927

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.27375	14.85996	.1398434	-.006777	.9359980	.2341010	.3377247
Stddev	.04773	.34720	.0003469	.000048	.1910985	.0097438	.0001139
%RSD	.1749987	2.336448	.2480469	.7128693	20.41655	4.162216	.0337332
#1	27.29873	15.25352	.1401172	-.006767	.8824223	.2261099	.3378050
#2	27.30380	14.72933	.1399596	-.006734	.7774055	.2312374	.3375943
#3	27.21872	14.59702	.1394533	-.006829	1.148166	.2449557	.3377748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.045889	2.893991	.0836843	-.001373	.2830711	3.136747	-.004764
Stddev	.011680	.000481	.0020445	.000529	.0056559	.010450	.001993
%RSD	.1451624	.0166230	2.443154	38.55853	1.998039	.3331334	41.83046
#1	8.039909	2.893457	.0846925	-.001947	.2887306	3.138340	-.006987
#2	8.038410	2.894391	.0850289	-.001266	.2830638	3.125593	-.003139
#3	8.059348	2.894124	.0813314	-.000905	.2774189	3.146309	-.004165

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4542-14DL2X5 Acquired: 11/13/2024 4:29:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE5E4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.323234	.0290819	.1543456
Stddev	.004131	.0005665	.0005060
%RSD	.3121831	1.947804	.3278164
#1	1.324128	.0297184	.1544299
#2	1.318729	.0288945	.1548041
#3	1.326844	.0286330	.1538028

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	907.2079	24542.27	2599.308	815.4659	1694.093
Stddev	1.0431	13.80	5.939	3.3968	2.824
%RSD	.1149789	.0562125	.2284648	.4165418	.1666772
#1	906.5182	24528.69	2596.049	815.4287	1690.991
#2	906.6977	24556.27	2606.162	818.8811	1694.777
#3	908.4079	24541.85	2595.713	812.0879	1696.512

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4501-13ADLX3 Acquired: 11/13/2024 4:34:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCW0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212984	.0160186	.1745545	.0208572	.0372661	56.22872	.2454940
Stddev	.0019831	.0070624	.0019862	.0052975	.0042680	.13538	.0005720
%RSD	9.311164	44.08827	1.137847	25.39889	11.45275	.2407666	.2329943
#1	.0201908	.0209563	.1725068	.0147409	.0369611	56.11072	.2453293
#2	.0235879	.0191704	.1746838	.0238387	.0416785	56.19891	.2450225
#3	.0201165	.0079292	.1764729	.0239922	.0331588	56.37652	.2461303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013206	.0059234	390.4307	.7052198	.1015347	.1389877	147.8063
Stddev	.0001303	.0003553	1.8296	.0027954	.0006121	.0042786	.8953
%RSD	9.867377	5.998210	.4686041	.3963865	.6028043	3.078400	.6057272
#1	.0013901	.0058308	388.8584	.7049555	.1009323	.1369580	146.9698
#2	.0014013	.0063158	389.9950	.7081379	.1015158	.1439034	147.6984
#3	.0011702	.0056236	392.4388	.7025659	.1021560	.1361017	148.7506

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.707720	69.32238	2.368508	.0050317	2.830313	.3917896	1.263337
Stddev	.008724	.30986	.004975	.0004112	.166848	.0084688	.006706
%RSD	.5108276	.4469800	.2100580	8.173031	5.895026	2.161575	.5307959
#1	1.707981	69.46212	2.365190	.0052008	2.729027	.4014241	1.256322
#2	1.698870	68.96726	2.366105	.0053314	2.739027	.3884226	1.264005
#3	1.716311	69.53776	2.374228	.0045629	3.022886	.3855220	1.269683

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.897087	2.380951	.1293412	-.000816	27.59100	4.896907	-.000631
Stddev	.024863	.005496	.0010242	.000602	.04734	.022083	.001638
%RSD	.3604790	.2308331	.7918583	73.72476	.1715821	.4509677	259.6608
#1	6.896283	2.379357	.1283449	-.000126	27.59086	4.886230	.001011
#2	6.872636	2.387067	.1292876	-.001094	27.54372	4.882191	-.002266
#3	6.922341	2.376427	.1303912	-.001229	27.63840	4.922300	-.000638

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4501-13ADLX3 Acquired: 11/13/2024 4:34:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHCW0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.857197	.0544529	.5828590
Stddev	.004228	.0005789	.0009280
%RSD	.2276528	1.063119	.1592076
#1	1.852343	.0547134	.5825605
#2	1.859174	.0537895	.5821171
#3	1.860076	.0548557	.5838995

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	841.3410	23381.33	2517.587	757.2466	1501.357
Stddev	2.7298	51.30	9.235	4.3541	3.411
%RSD	.3244583	.2193868	.3668269	.5749902	.2272155
#1	841.5964	23390.49	2519.654	761.9392	1502.348
#2	843.9341	23326.07	2525.614	756.4634	1504.163
#3	838.4925	23427.42	2507.493	753.3373	1497.560

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4526-01ADLX2 Acquired: 11/13/2024 4:38:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7200319	.0082399	.1809250	.0024997	.0083625	108.6683	1.181379
Stddev	.0139946	.0033347	.0050544	.0055886	.0041361	.8617	.008459
%RSD	1.943606	40.47066	2.793635	223.5684	49.45998	.7929641	.7160399
#1	.7042749	.0044351	.1867241	.0053800	.0080661	109.0903	1.184331
#2	.7310145	.0096290	.1785952	-.003941	.0126389	107.6770	1.171839
#3	.7248064	.0106554	.1774557	.006061	.0043826	109.2377	1.187966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033339	.0114263	24.12053	.2260030	.1266416	1.349192	232.2019
Stddev	.0001347	.0000638	.22441	.0005904	.0010947	.014306	2.1709
%RSD	4.041128	.5580298	.9303618	.2612279	.8644082	1.060331	.9348991
#1	.0032871	.0114730	24.28008	.2253239	.1255005	1.347182	233.2542
#2	.0034858	.0114523	23.86393	.2262910	.1267410	1.335997	229.7055
#3	.0032288	.0113537	24.21758	.2263942	.1276832	1.364396	233.6462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.522130	42.57678	.2413037	-.016777	1.288286	.4342329	1.574463
Stddev	.029745	.25768	.0005336	.000126	.227518	.0015243	.003022
%RSD	.5386437	.6052120	.2211322	.7499475	17.66049	.3510271	.1919611
#1	5.516507	42.51127	.2407127	-.016736	1.500735	.4325991	1.575743
#2	5.495598	42.35818	.2417501	-.016676	1.048221	.4356167	1.576634
#3	5.554285	42.86089	.2414483	-.016918	1.315902	.4344830	1.571011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.44094	5.025545	.1725310	-.000694	.9729203	8.053136	.0038646
Stddev	.15944	.006963	.0037339	.000862	.0036588	.055178	.0021133
%RSD	.6801599	.1385475	2.164190	124.3047	.3760638	.6851698	54.68352
#1	23.53643	5.018182	.1738820	-.001625	.9743273	8.031161	.0018851
#2	23.25688	5.032023	.1683096	.000076	.9687668	8.012332	.0060901
#3	23.52951	5.026431	.1754013	-.000532	.9756667	8.115915	.0036187

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4526-01ADLX2 Acquired: 11/13/2024 4:38:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYE4M3A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.530673	.0865376	.2294009
Stddev	.027727	.0015289	.0019986
%RSD	.7853176	1.766782	.8712485
#1	3.538506	.0873803	.2294902
#2	3.499872	.0847728	.2273591
#3	3.553640	.0874597	.2313534

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	925.5367	25360.64	2730.208	831.8077	1630.306
Stddev	.7801	33.64	17.313	.3986	1.967
%RSD	.0842873	.1326272	.6341133	.0479243	.1206271
#1	926.4236	25386.23	2732.007	831.7950	1632.389
#2	924.9567	25373.15	2746.551	831.4156	1630.050
#3	925.2300	25322.54	2712.066	832.2126	1628.481

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-01 Acquired: 11/13/2024 4:43:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114778	.0034350	.0044395	.0007212	.0019213	.0636279	.5110760
Stddev	.0043628	.0049063	.0030574	.0055602	.0008667	.0056183	.0023124
%RSD	38.01057	142.8326	68.86845	770.9622	45.10985	8.829908	.4524502
#1	.0104256	.0088567	.0016342	.0014714	.0013005	.0572531	.5091038
#2	.0077373	-.000699	.0039859	-.005176	.0015519	.0657728	.5105033
#3	.0162704	.002147	.0076984	.005868	.0029115	.0678577	.5136209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002800	-.000043	84.31627	8.587226	.0139467	.0055142	.2506873
Stddev	.0000606	.000149	.02328	.081013	.0012904	.0020995	.0246907
%RSD	21.65670	350.6031	.0276110	.9434169	9.252562	38.07377	9.849194
#1	.0002132	-.000178	84.34053	8.680773	.0154111	.0074100	.2782834
#2	.0002954	.000117	84.29410	8.540504	.0129760	.0058750	.2306868
#3	.0003315	-.000067	84.31419	8.540403	.0134530	.0032577	.2430917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4199914	27.74503	.2225367	.0051306	23.49164	.0221312	.0176092
Stddev	.0006067	.12563	.0098447	.0004857	.40202	.0130545	.0006004
%RSD	.1444529	.4528130	4.423874	9.466835	1.711313	58.98675	3.409348
#1	.4201411	27.73714	.2271612	.0056741	23.23743	.0070574	.0178207
#2	.4193239	27.87442	.2112312	.0047390	23.28238	.0295949	.0180752
#3	.4205092	27.62352	.2292178	.0049786	23.95513	.0297414	.0169317

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2738955	.1100114	.0111829	.0000074	7.203535	7.144212	-.012695
Stddev	.0867445	.0055410	.0010280	.0003114	.299127	.003183	.001177
%RSD	31.67065	5.036783	9.192279	4182.035	4.152499	.0445598	9.269920
#1	.1738366	.1102363	.0108224	-.000236	7.361414	7.140554	-.011404
#2	.3278955	.1043614	.0103838	-.000100	6.858546	7.145727	-.012971
#3	.3199544	.1154366	.0123426	.000358	7.390646	7.146355	-.013709

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4730-01 Acquired: 11/13/2024 4:43:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MC0B82 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000400	.0014617	.1875314
Stddev	.000535	.0016533	.0003896
%RSD	133.7254	113.1047	.2077295
#1	-.000760	.0003451	.1873654
#2	-.000655	.0006790	.1872523
#3	.000215	.0033610	.1879764

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	885.8357	24474.89	2582.744	755.6705	1796.069
Stddev	33.5072	192.48	1.820	10.5818	69.004
%RSD	3.782557	.7864512	.0704521	1.400315	3.841930
#1	869.5155	24252.65	2583.549	744.0548	1764.112
#2	924.3763	24588.52	2580.660	758.1951	1875.258
#3	863.6153	24583.51	2584.022	764.7616	1748.838

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4497-20ADLX2 Acquired: 11/13/2024 4:47:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHDD0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001422	.0033506	.0512269	.0273683	.0021716	94.42620	.2520733
Stddev	.005119	.0052328	.0042177	.0011465	.0054963	.30614	.0003703
%RSD	359.8479	156.1746	8.233374	4.189276	253.0928	.3242155	.1469069
#1	-.007144	.0077018	.0550554	.0286851	.0000217	94.67713	.2524279
#2	.000154	-.002456	.0519196	.0265911	-.001925	94.51639	.2521028
#3	.002723	.004806	.0467058	.0268288	.008418	94.08510	.2516890

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021623	.0112090	361.1140	.9445439	.1585656	.2300131	243.7768
Stddev	.0001424	.0002040	.9716	.0042236	.0014630	.0009120	.6013
%RSD	6.585160	1.819541	.2690570	.4471600	.9226363	.3965227	.2466758
#1	.0023187	.0112100	362.2353	.9472039	.1571147	.2310583	244.4705
#2	.0021281	.0110045	360.5224	.9467539	.1600404	.2293787	243.4578
#3	.0020402	.0114124	360.5843	.9396738	.1585417	.2296023	243.4022

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.650297	118.0051	3.599066	-.010279	12.17267	.6731235	.8748411
Stddev	.012692	.4477	.002212	.000351	.33744	.0037205	.0059436
%RSD	.4788751	.3793772	.0614703	3.414774	2.772152	.5527139	.6793959
#1	2.659385	118.4774	3.596534	-.010528	12.44106	.6719434	.8811379
#2	2.655709	117.9510	3.600038	-.009878	12.28310	.6772909	.8740568
#3	2.635796	117.5870	3.600625	-.010432	11.79384	.6701362	.8693285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.827226	4.017095	.2536194	.0010262	14.34716	4.239405	-.007936
Stddev	.094509	.014371	.0015000	.0006934	.03282	.004948	.003970
%RSD	1.207443	.3577504	.5914468	67.57493	.2287654	.1167143	50.02598
#1	7.927597	4.001949	.2533937	.0004853	14.31469	4.238389	-.011546
#2	7.814140	4.030540	.2522451	.0007853	14.34646	4.244782	-.008577
#3	7.739942	4.018796	.2552195	.0018079	14.38032	4.235044	-.003684

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: P4497-20ADLX2 Acquired: 11/13/2024 4:47:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHDD0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	3.646776	.1162221	.6061071
Stddev	.013187	.0010907	.0015735
%RSD	.3616103	.9384451	.2596003
#1	3.661091	.1171806	.6074783
#2	3.644113	.1164504	.6064538
#3	3.635123	.1150354	.6043892

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	853.0885	23906.06	2614.655	766.1416	1463.401
Stddev	1.1179	73.13	11.079	5.3467	1.889
%RSD	.1310424	.3059163	.4237178	.6978674	.1290630
#1	851.7979	23854.87	2607.225	761.0917	1461.422
#2	853.7547	23873.49	2609.352	765.5908	1463.599
#3	853.7128	23989.82	2627.389	771.7424	1465.184

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV068 Acquired: 11/13/2024 4:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.064872	4.742770	24.90071	4.695665	4.784820	410.1573	10.15603
Stddev	.002530	.015277	.07088	.024412	.010326	.6227	.02519
%RSD	.0499462	.3221076	.2846594	.5198798	.2158021	.1518204	.2480488
#1	5.063712	4.727225	24.85660	4.693987	4.780379	409.4391	10.13356
#2	5.067773	4.757763	24.86305	4.672136	4.777457	410.5469	10.18326
#3	5.063130	4.743321	24.98247	4.720873	4.796623	410.4858	10.15126

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5058363	2.551124	414.8577	15.12582	2.529142	14.87117	418.0061
Stddev	.0011410	.006694	.9511	.02607	.004899	.04109	.1234
%RSD	.2255665	.2623951	.2292638	.1723657	.1936838	.2762988	.0295151
#1	.5069862	2.546115	414.5110	15.10032	2.526844	14.82424	417.8643
#2	.5058183	2.548530	414.1285	15.12470	2.525815	14.88855	418.0649
#3	.5047044	2.558727	415.9335	15.15243	2.534767	14.90071	418.0890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76465	411.1084	2.489076	1.245385	413.0481	2.506956	14.37947
Stddev	.00993	.5349	.006953	.003378	.6648	.021890	.06442
%RSD	.0672416	.1301093	.2793557	.2712536	.1609381	.8731598	.4480140
#1	14.77429	410.5395	2.482486	1.248923	412.3663	2.481941	14.31161
#2	14.75446	411.1845	2.488400	1.242193	413.0837	2.522597	14.43979
#3	14.76521	411.6011	2.496343	1.245038	413.6944	2.516331	14.38703

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.4426	4.915209	5.056223	4.726647	5.011577	5.070460	5.007418
Stddev	.3175	.020025	.006393	.015449	.013842	.010667	.003281
%RSD	.2055656	.4074057	.1264401	.3268505	.2762067	.2103830	.0655280
#1	154.2543	4.905259	5.063064	4.719816	5.015929	5.080590	5.007839
#2	154.8092	4.902108	5.055207	4.715791	4.996082	5.071462	5.003947
#3	154.2644	4.938260	5.050399	4.744334	5.022720	5.059327	5.010468

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCV068 Acquired: 11/13/2024 4:51:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV068 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	4.979341	5.061392	5.074593
Stddev	.016349	.012699	.013720
%RSD	.3283282	.2509042	.2703719
#1	4.978514	5.046905	5.072014
#2	4.963421	5.070602	5.089420
#3	4.996087	5.066669	5.062345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	703.4182	21456.49	2369.277	598.6339	1331.497
Stddev	1.7529	25.25	4.600	2.3872	2.775
%RSD	.2491990	.1177027	.1941465	.3987797	.2084244
#1	704.1703	21464.17	2364.012	601.3709	1333.407
#2	704.6696	21477.01	2371.301	596.9815	1332.771
#3	701.4148	21428.29	2372.517	597.5494	1328.314

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB068 Acquired: 11/13/2024 4:56:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011819	-.000622	-.001345	.0021105	.0003472	.0181974	.0000160
Stddev	.0029655	.000711	.004146	.0018753	.0015592	.0079803	.0002291
%RSD	250.9014	114.2940	308.2884	88.85618	449.1491	43.85380	1428.620
#1	-.001721	.000172	.002966	.0028575	-.000563	.0231315	.0000601
#2	.004206	-.001200	-.001697	.0034972	.002148	.0224702	-.000232
#3	.001061	-.000840	-.005304	-.000023	-.000544	.0089905	.000220

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000142	-.000119	.0043496	.0004267	.0000557	-.000075	.0150396
Stddev	.0000210	.000117	.0229266	.0002191	.0004216	.002414	.0394343
%RSD	147.7254	98.50769	527.0933	51.36165	756.6261	3205.536	262.2034
#1	-.000010	.000004	.0304138	.0002168	-.000065	-.002857	.0045328
#2	.000027	-.000229	-.004667	.0006540	-.000293	.001483	-.018077
#3	.000026	-.000132	-.012698	.0004092	.000524	.001148	.058663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000414	-.031252	-.000649	.0008448	.2540691	-.000527	-.000405
Stddev	.0005038	.022418	.000309	.0004213	.4211873	.001946	.000207
%RSD	1216.677	71.73328	47.69280	49.86895	165.7767	369.3431	51.09922
#1	.0001088	-.011579	-.000714	.0011563	.4319797	-.002088	-.000470
#2	.0005082	-.026518	-.000312	.0010126	.5571081	-.001145	-.000173
#3	-.000493	-.055658	-.000920	.0003655	-.226881	.001653	-.000571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1493240	-.000138	.0047308	.0005731	.0069685	.0012930	-.005747
Stddev	.0807690	.004275	.0008392	.0001396	.0052170	.0004133	.000881
%RSD	54.08978	3104.744	17.73825	24.35951	74.86481	31.96111	15.33668
#1	.1972348	-.001965	.0051399	.0005009	.0010245	.0015067	-.004851
#2	.0560718	.004748	.0052869	.0007340	.0107882	.0015557	-.005778
#3	.1946654	-.003196	.0037655	.0004844	.0090928	.0008167	-.006613

Reviewed By:Mohan
On:11/13/2024
11:03:38 AM
Inst Id :P5

Sample Name: CCB068 Acquired: 11/13/2024 4:56:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v725) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB068 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.001100	.0004735	.0001433
Stddev	.000786	.0009133	.0000292
%RSD	71.44276	192.8882	20.37766
#1	-.000701	.0011236	.0001616
#2	-.000594	.0008676	.0001097
#3	-.002006	-.000571	.0001588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	878.0712	23724.09	2477.076	792.9848	1766.687
Stddev	3.1477	35.84	6.368	4.0360	4.782
%RSD	.3584796	.1510523	.2570884	.5089587	.2707025
#1	879.8079	23683.29	2475.354	797.4276	1771.057
#2	874.4377	23738.48	2484.129	789.5446	1761.578
#3	879.9679	23750.49	2471.746	791.9823	1767.427