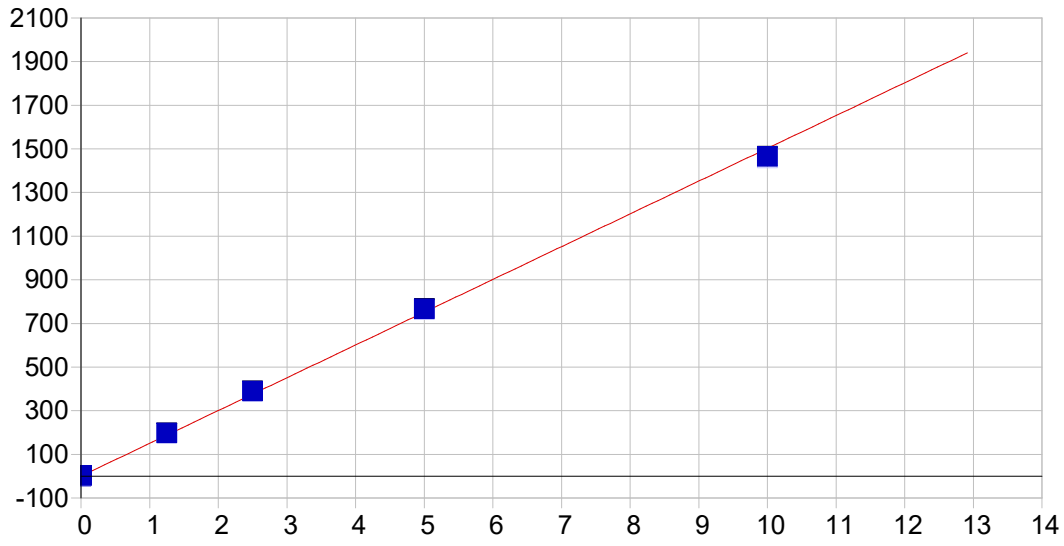
Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



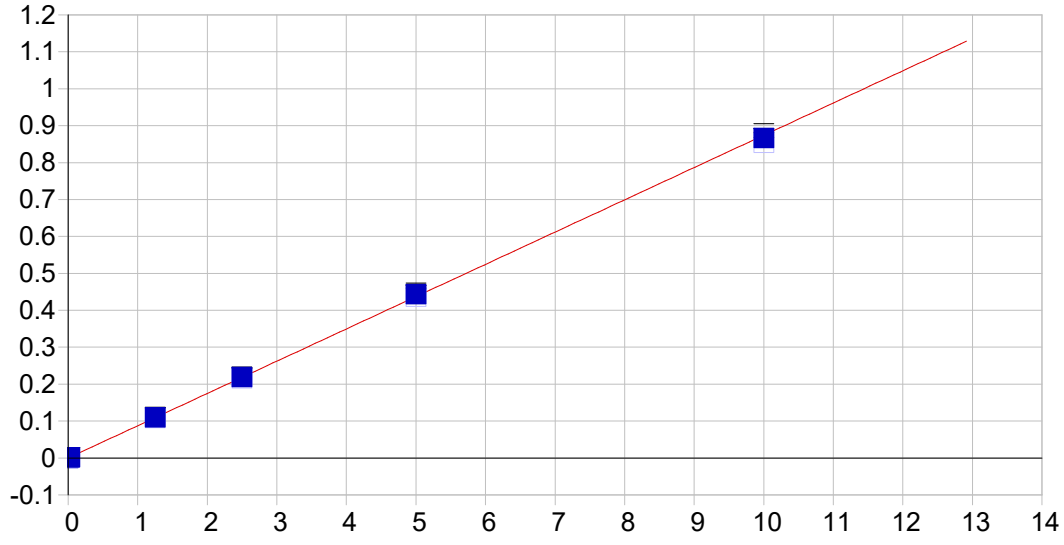
As 189.042 {478}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.214427	Re-Slope:	1.000000
A1 (Gain):	150.230491	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999594	Status:	OK.
Std Error of Est:	0.071516		
Predicted MDL:	0.004902		
Predicted MQL:	0.016339		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.21409	.304	1
S1	.01000	.01147	.001	14.7	1.9359	.083	1
S2	1.2500	1.3106	.061	4.85	196.32	.244	1
S3	2.5000	2.5936	.094	3.74	388.27	.597	1
S4	5.0000	5.0992	.099	1.98	763.12	2.64	1
S5	10.000	9.7451	-.255	-2.55	1457.9	2.30	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



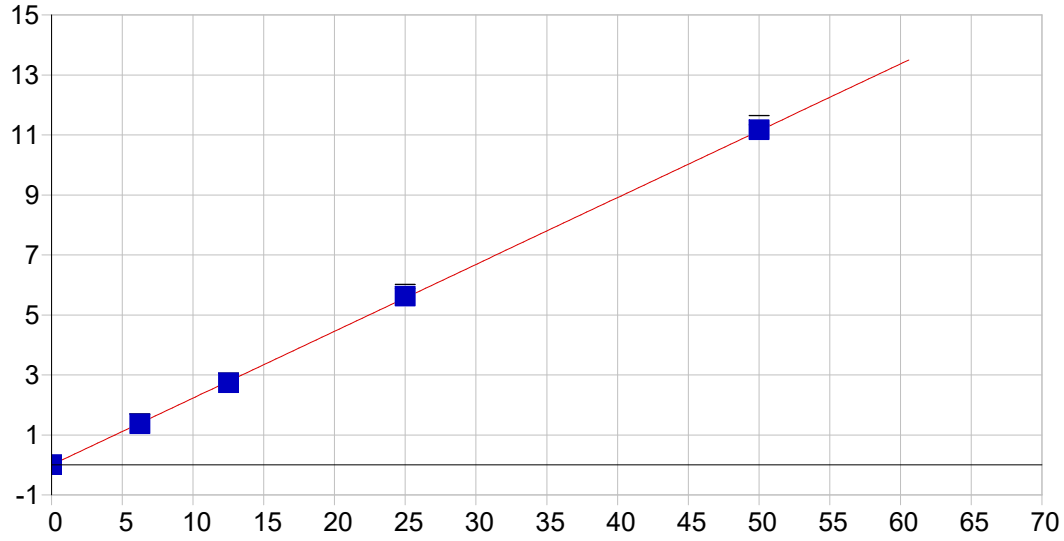
Tl 190.856 {477}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000030	Re-Slope:	1.000000
A1 (Gain):	0.087402	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002712		
Predicted MQL:	0.009042		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00003	.000	1
S1	.02500	.02119	-.004	-15.2	.00174	.000	1
S2	1.2500	1.2600	.010	.797	.10840	.000	1
S3	2.5000	2.5035	.004	.140	.21540	.000	1
S4	5.0000	5.0757	.076	1.51	.43683	.004	1
S5	10.000	9.9146	-.085	-.854	.85300	.012	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



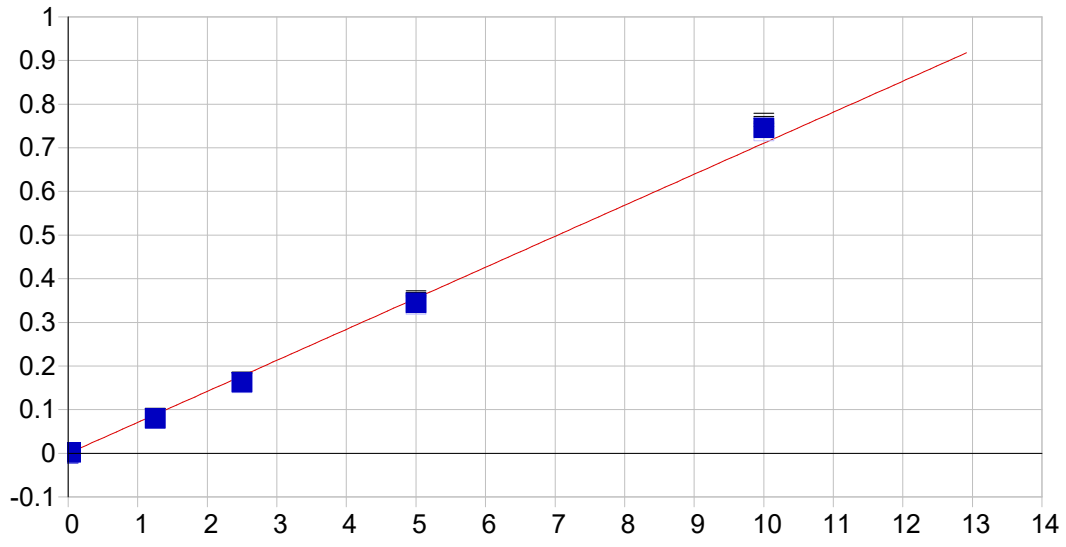
Pb 220.353 {453}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000580	Re-Slope:	1.000000
A1 (Gain):	0.222764	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000085		
Predicted MDL:	0.002466		
Predicted MQL:	0.008220		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00058	.000	1
S1	.01000	.01127	.001	12.7	.00192	.000	1
S2	6.2500	6.1200	-.130	-2.08	1.3614	.007	1
S3	12.500	12.265	-.235	-1.88	2.7291	.002	1
S4	25.000	25.227	.227	.910	5.6140	.072	1
S5	50.000	50.136	.136	.272	11.158	.156	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



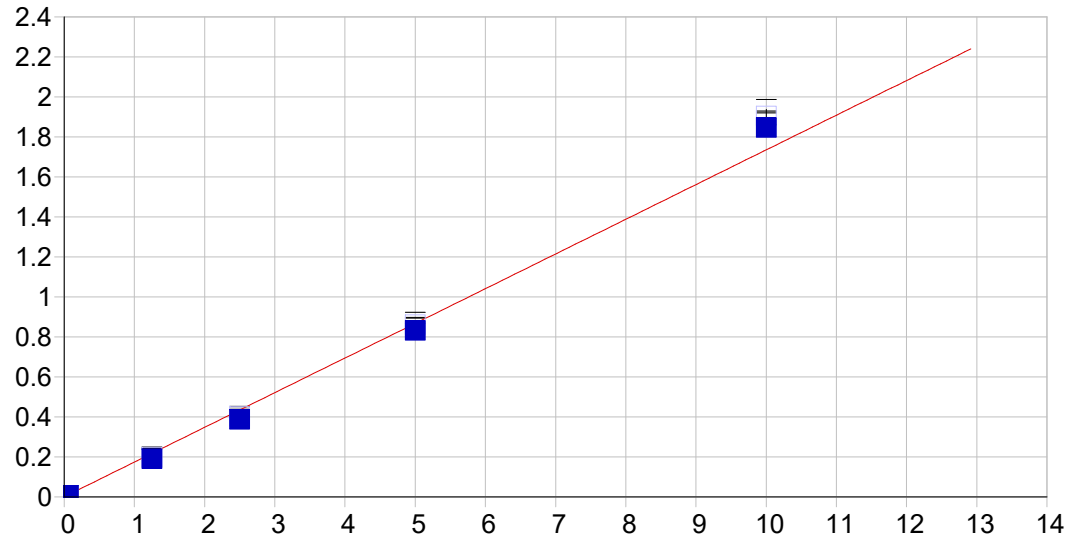
Se 196.090 {472}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000237	Re-Slope:	1.000000
A1 (Gain):	0.071077	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998383	Status:	OK.
Std Error of Est:	0.000126		
Predicted MDL:	0.004591		
Predicted MQL:	0.015305		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00024	.000	1
S1	.03500	.02808	-.007	-19.8	.00176	.000	1
S2	1.2500	1.1251	-.125	-9.99	.07880	.001	1
S3	2.5000	2.2937	-.206	-8.25	.16093	.000	1
S4	5.0000	4.8474	-.153	-3.05	.34057	.005	1
S5	10.000	10.491	.491	4.91	.73795	.011	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



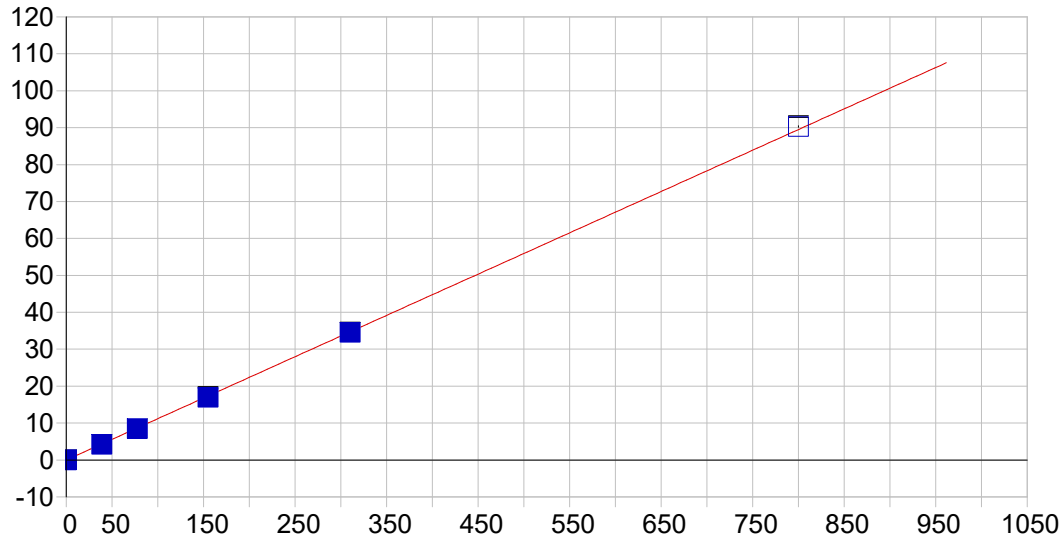
Sb 206.833 {463}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000778	Re-Slope:	1.000000
A1 (Gain):	0.173410	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997518	Status:	OK.
Std Error of Est:	0.000520		
Predicted MDL:	0.002631		
Predicted MQL:	0.008771		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00078	.001	1
S1	.06000	.05110	-.009	-14.8	.00964	.000	1
S2	1.2500	1.0953	-.155	-12.4	.19797	.002	1
S3	2.5000	2.2293	-.271	-10.8	.40184	.001	1
S4	5.0000	4.7900	-.210	-4.20	.86040	.013	1
S5	10.000	10.644	.644	6.44	1.9045	.033	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



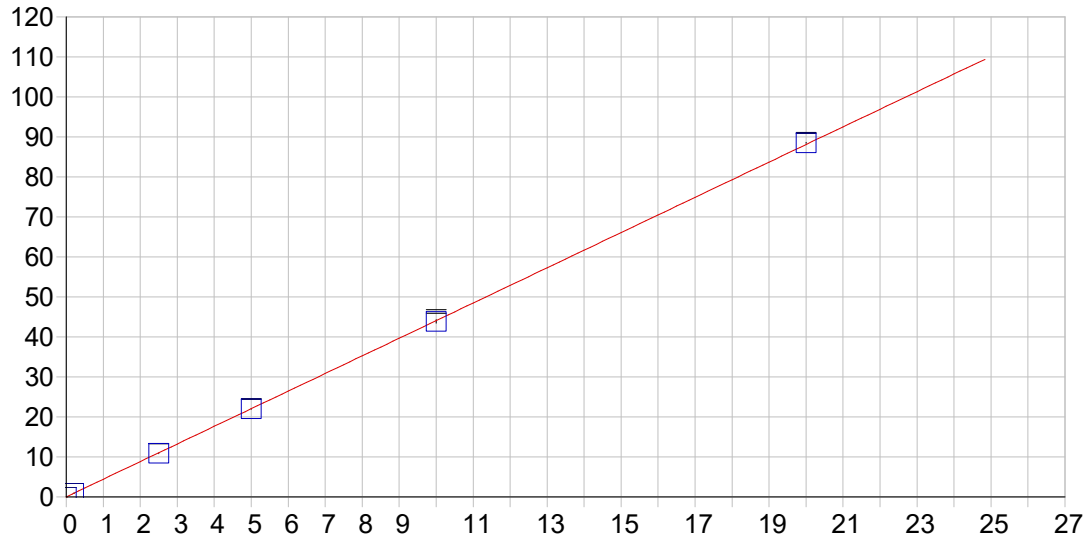
Al 396.152 { 85}

Date of Fit:	12/14/2024 12:15:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001949	Re-Slope:	1.000000
A1 (Gain):	0.111876	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000833		
Predicted MDL:	0.022503		
Predicted MQL:	0.075011		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00195	.001	1
S1	.20000	.21782	.018	8.91	.02246	.003	1
S2	38.750	37.682	-1.07	-2.76	4.2184	.014	1
S3	77.500	75.965	-1.53	-1.98	8.5061	.023	1
S4	155.00	151.73	-3.27	-2.11	16.992	.174	1
S5	310.00	308.76	-1.24	-.399	34.579	.018	1
S6	800.00	807.10	7.10	.887	90.293	.224	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



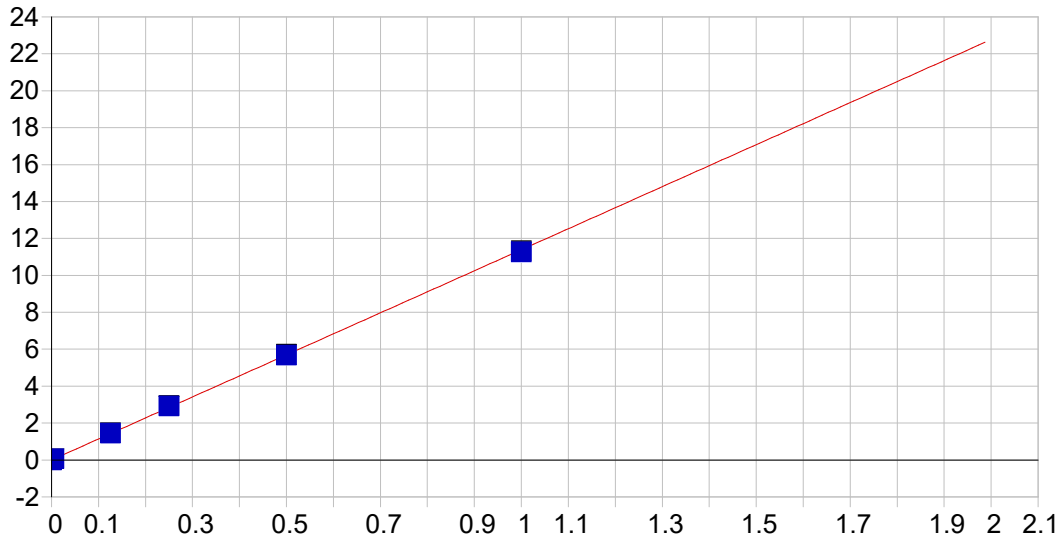
Ba 493.409 { 68}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.024769	Re-Slope:	1.000000
A1 (Gain):	4.404087	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.003113		
Predicted MDL:	0.001044		
Predicted MQL:	0.003481		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02475	.005	1
S1	.20000	.20834	.008	4.17	.94231	.005	1
S2	2.5000	2.4579	-.042	-1.68	10.850	.011	1
S3	5.0000	4.9940	-.006	-.121	22.019	.090	1
S4	10.000	9.9527	-.047	-.473	43.857	.449	1
S5	20.000	20.087	.087	.435	88.490	.110	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



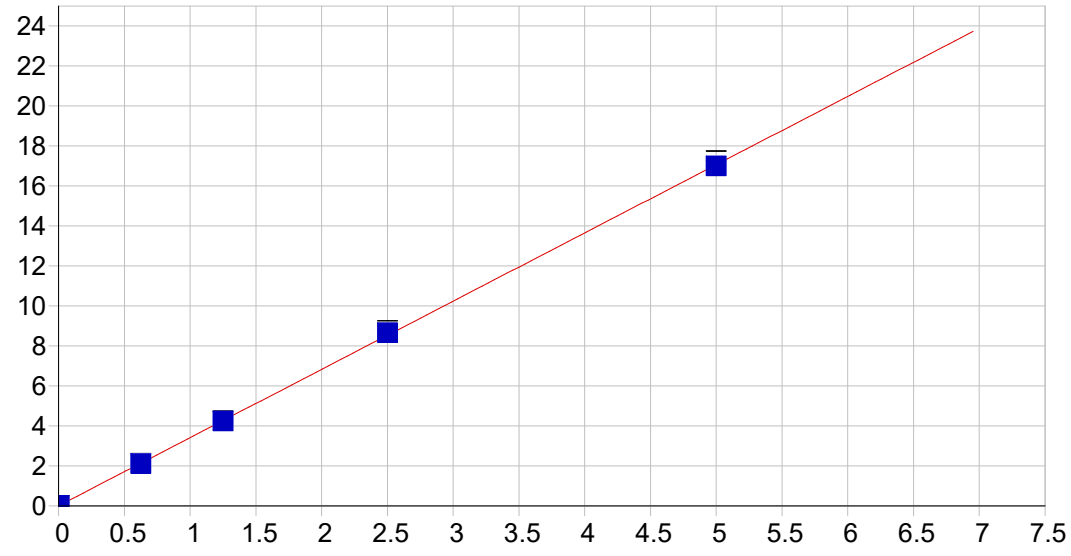
Be 234.861 {144}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000132	Re-Slope:	1.000000
A1 (Gain):	11.387123	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999903	Status:	OK.
Std Error of Est:	0.000592		
Predicted MDL:	0.000120		
Predicted MQL:	0.000399		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00014	.000	1
S1	.00500	.00537	.000	7.39	.06096	.001	1
S2	.12500	.12788	.003	2.30	1.4495	.004	1
S3	.25000	.25681	.007	2.72	2.9111	.012	1
S4	.50000	.49885	-.001	-.231	5.6542	.056	1
S5	1.0000	.99110	-.009	-.890	11.233	.047	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



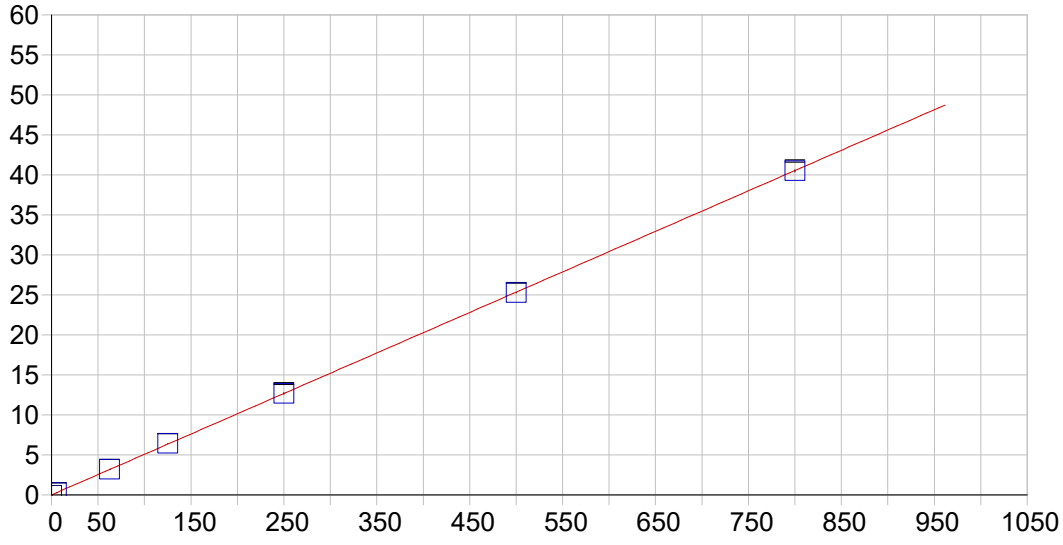
Cd 214.438 {457}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000636	Re-Slope:	1.000000
A1 (Gain):	3.413332	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999965	Status:	OK.
Std Error of Est:	0.000240		
Predicted MDL:	0.000107		
Predicted MQL:	0.000358		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.00500	.00486	-.000	-2.79	.01729	.000	1
S2	.62500	.62040	-.005	-.737	2.1215	.012	1
S3	1.2500	1.2418	-.008	-.656	4.2459	.005	1
S4	2.5000	2.5345	.035	1.38	8.6649	.108	1
S5	5.0000	4.9784	-.022	-.432	17.020	.242	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



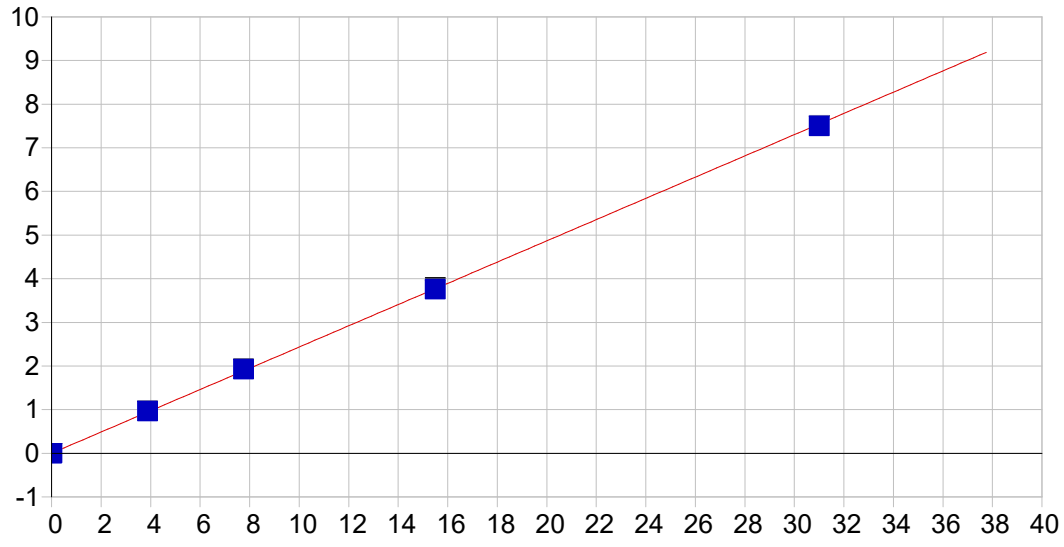
Ca 373.690 { 90}

Date of Fit:	12/14/2024 12:15:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007479	Re-Slope:	1.000000
A1 (Gain):	0.050675	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999990	Status:	OK.
Std Error of Est:	0.000795		
Predicted MDL:	0.038942		
Predicted MQL:	0.129805		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	.00747	.001	1
S1	5.0000	5.1246	.125	2.49	.26716	.001	1
S2	62.500	63.122	.622	.996	3.2062	.012	1
S3	125.00	126.64	1.64	1.31	6.4250	.014	1
S4	250.00	249.72	-.280	-.112	12.662	.121	1
S5	500.00	498.76	-1.24	-.248	25.282	.034	1
S6	800.00	799.13	-.869	-.109	40.503	.136	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



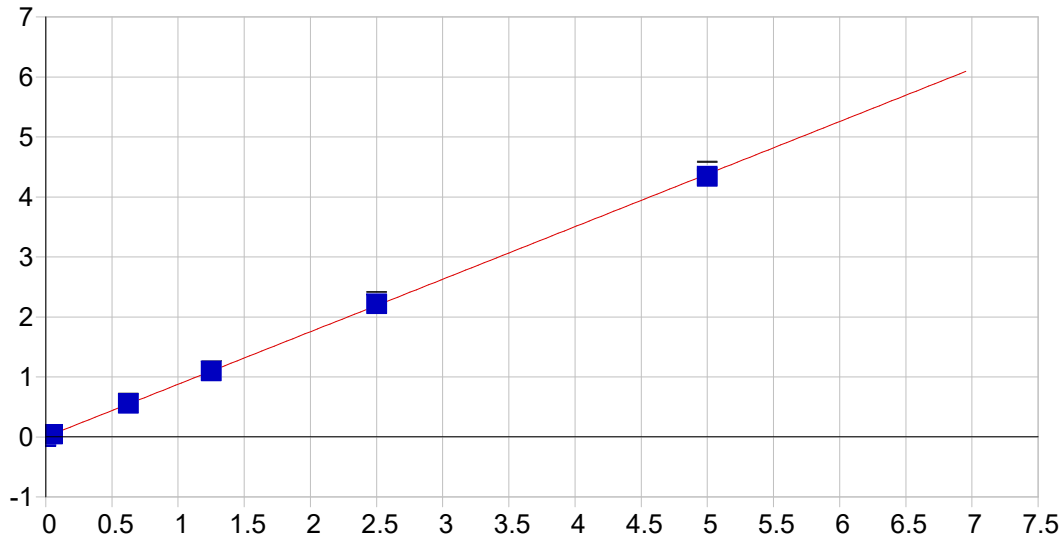
Cr 267.716 {126}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000089	Re-Slope:	1.000000
A1 (Gain):	0.243392	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000074		
Predicted MDL:	0.000920		
Predicted MQL:	0.003068		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00009	.000	1
S1	.01000	.01062	.001	6.18	.00268	.000	1
S2	3.8750	3.9508	.076	1.96	.96242	.002	1
S3	7.7500	7.9110	.161	2.08	1.9270	.001	1
S4	15.500	15.445	-.055	-.357	3.7621	.032	1
S5	31.000	30.818	-.182	-.588	7.5068	.008	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



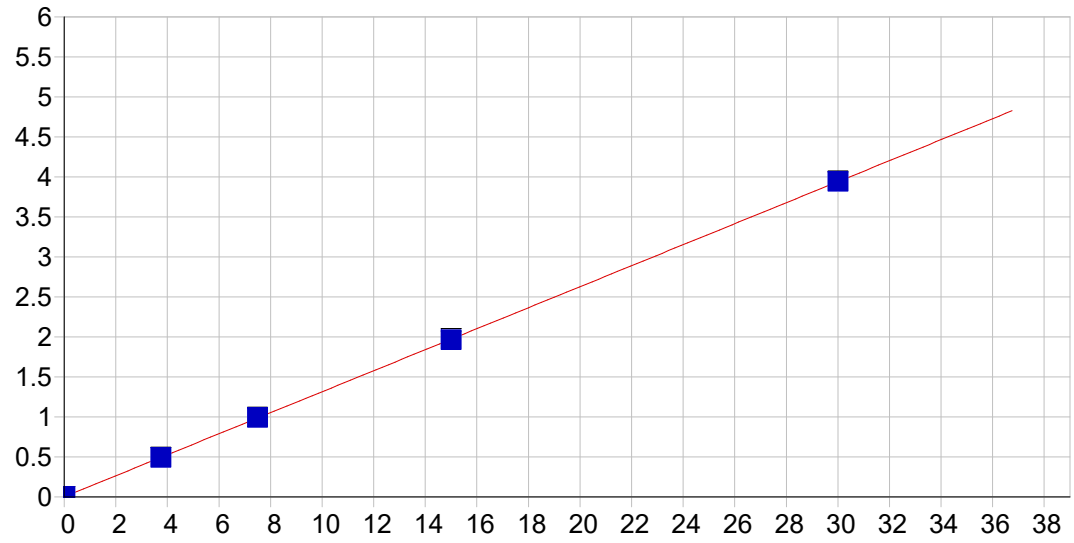
Co 228.616 {448}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000169	Re-Slope:	1.000000
A1 (Gain):	0.876111	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999945	Status:	OK.
Std Error of Est:	0.000244		
Predicted MDL:	0.000464		
Predicted MQL:	0.001547		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00017	.000	1
S1	.05000	.05214	.002	4.28	.04599	.001	1
S2	.62500	.63394	.009	1.43	.55734	.003	1
S3	1.2500	1.2524	.002	.192	1.1009	.002	1
S4	2.5000	2.5318	.032	1.27	2.2253	.030	1
S5	5.0000	4.9547	-.045	-.905	4.3552	.072	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



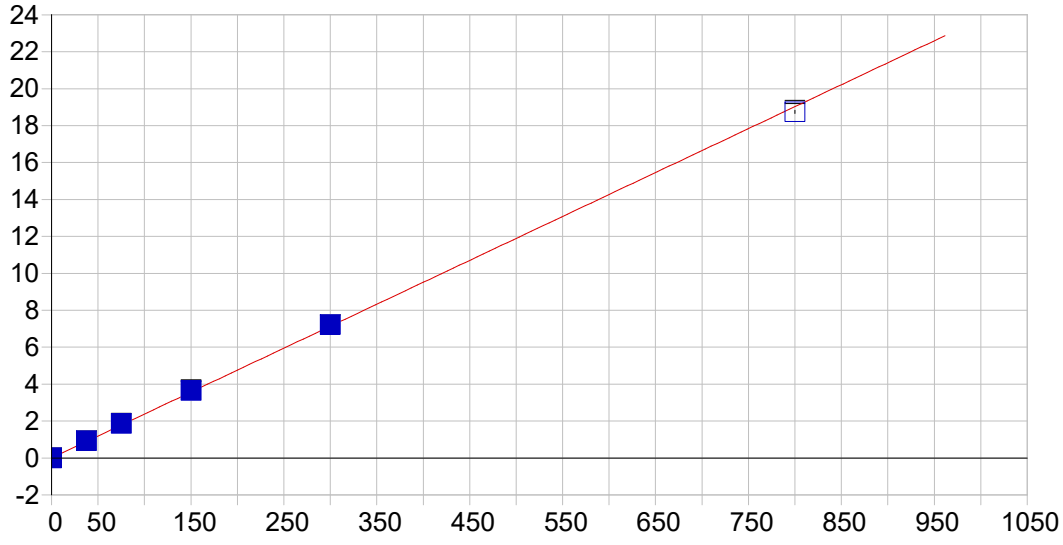
Cu 324.754 {104}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001948	Re-Slope:	1.000000
A1 (Gain):	0.131273	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.008613		
Predicted MQL:	0.028709		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00195	.000	1
S1	.02500	.02541	.000	1.64	.00528	.001	1
S2	3.7500	3.7443	-.006	-.153	.49341	.002	1
S3	7.5000	7.5546	.055	.728	.99355	.003	1
S4	15.000	14.935	-.065	-.434	1.9623	.016	1
S5	30.000	30.016	.016	.053	3.9418	.005	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



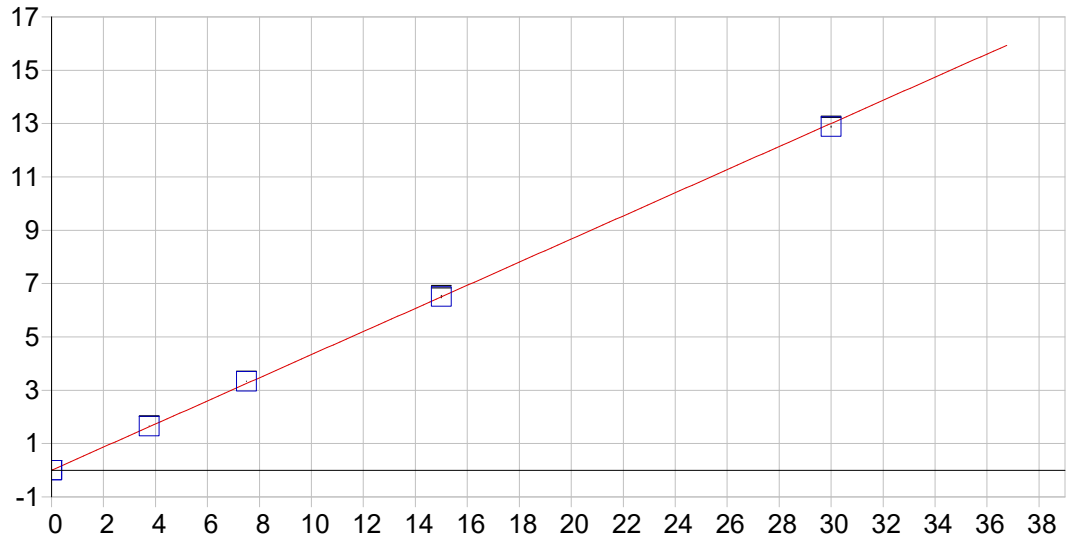
Fe 259.837 {130}

Date of Fit:	12/14/2024 12:15:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000004	Re-Slope:	1.000000
A1 (Gain):	0.023786	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999814	Status:	OK.
Std Error of Est:	0.000200		
Predicted MDL:	0.032611		
Predicted MQL:	0.108703		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00000	.000	1
S1	.10000	.11023	.010	10.2	.00263	.000	1
S2	37.500	38.891	1.39	3.71	.92524	.003	1
S3	75.000	78.481	3.48	4.64	1.8671	.007	1
S4	150.00	153.58	3.58	2.39	3.6538	.035	1
S5	300.00	303.26	3.26	1.09	7.2149	.005	1
S6	800.00	788.27	-11.7	-1.47	18.750	.091	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



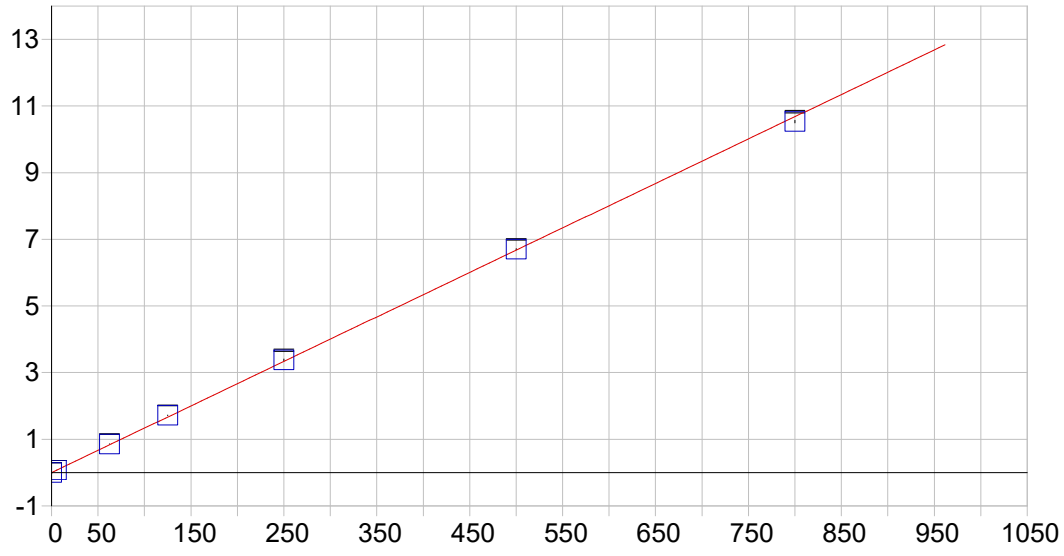
Mn 257.610 {131}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000121	Re-Slope:	1.000000
A1 (Gain):	0.433512	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000194		
Predicted MDL:	0.001474		
Predicted MQL:	0.004912		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00012	.001	1
S1	.01500	.01571	.001	4.72	.00693	.000	1
S2	3.7500	3.8233	.073	1.95	1.6576	.003	1
S3	7.5000	7.6879	.188	2.51	3.3329	.006	1
S4	15.000	15.024	.024	.157	6.5130	.052	1
S5	30.000	29.715	-.285	-.952	12.882	.022	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



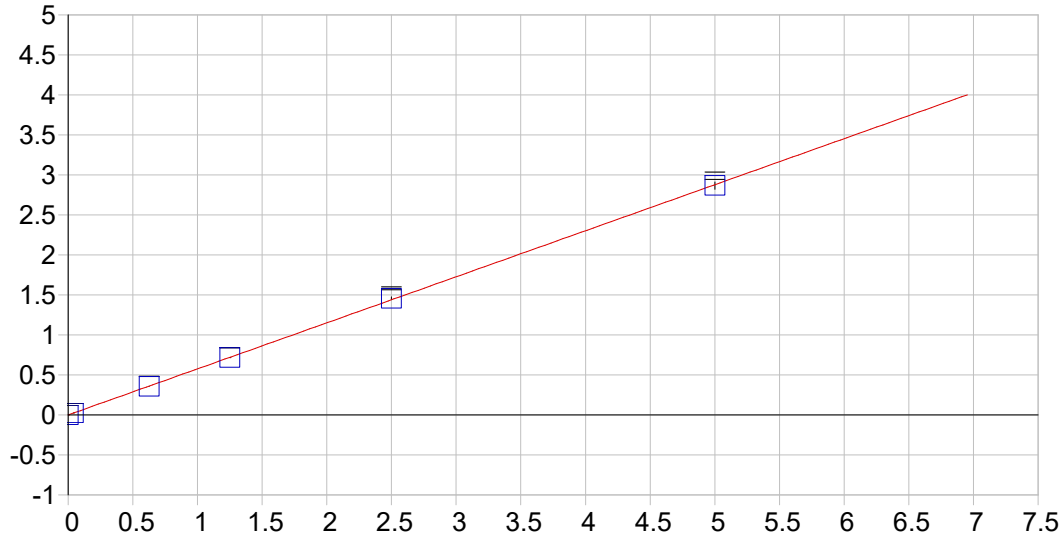
Mg 279.079 {121}

Date of Fit:	12/14/2024 12:15:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001431	Re-Slope:	1.000000
A1 (Gain):	0.013351	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999882	Status:	OK.
Std Error of Est:	0.000716		
Predicted MDL:	0.065935		
Predicted MQL:	0.219784		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00082	-.001	.000	-.00144	.001	1
S1	5.0000	5.5126	.513	10.3	.07217	.002	1
S2	62.500	64.367	1.87	2.99	.85795	.001	1
S3	125.00	128.73	3.73	2.99	1.7174	.007	1
S4	250.00	252.85	2.85	1.14	3.3745	.035	1
S5	500.00	502.02	2.02	.404	6.7012	.018	1
S6	800.00	789.02	-11.0	-1.37	10.533	.041	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



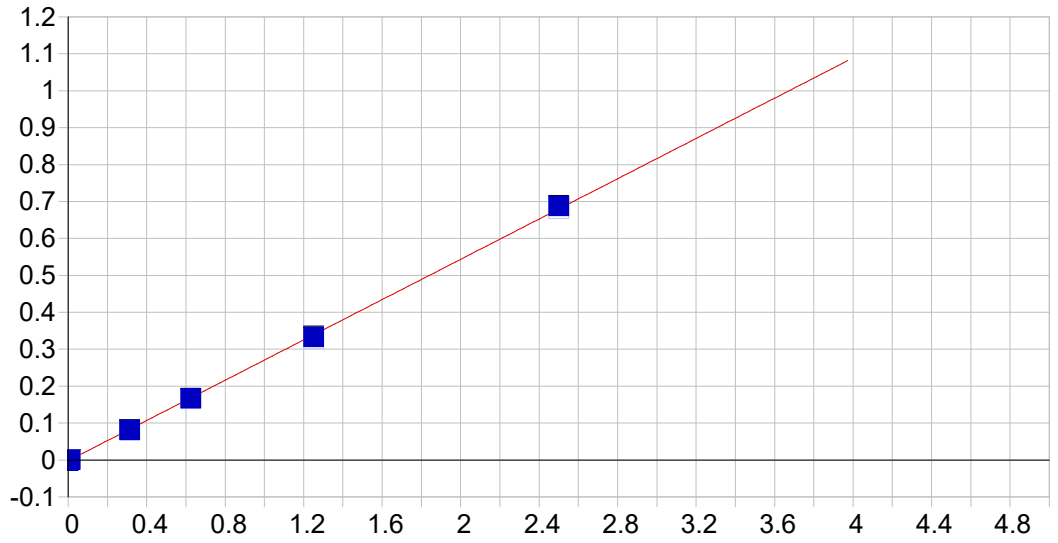
Ni 231.604 {446}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000091	Re-Slope:	1.000000
A1 (Gain):	0.575535	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999972	Status:	OK.
Std Error of Est:	0.000103		
Predicted MDL:	0.000735		
Predicted MQL:	0.002451		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.04000	.03954	-.000	-1.15	.02285	.000	1
S2	.62500	.62046	-.005	-.727	.35719	.002	1
S3	1.2500	1.2430	-.007	-.559	.71549	.001	1
S4	2.5000	2.5310	.031	1.24	1.4568	.019	1
S5	5.0000	4.9810	-.019	-.381	2.8668	.047	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



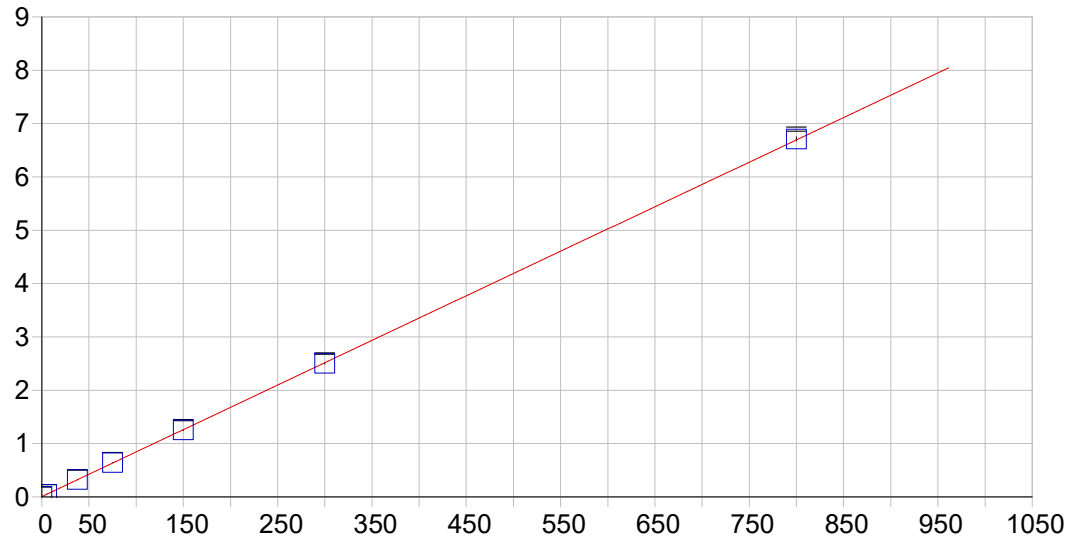
Ag 328.068 {103}

Date of Fit:	12/14/2024 12:11:05	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002171	Re-Slope:	1.000000
A1 (Gain):	0.272812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999894	Status:	OK.
Std Error of Est:	0.000033		
Predicted MDL:	0.001221		
Predicted MQL:	0.004071		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00217	.000	1
S1	.01000	.01101	.001	10.1	.00083	.000	1
S2	.31250	.30636	-.006	-1.96	.08039	.000	1
S3	.62500	.61959	-.005	-.866	.16481	.000	1
S4	1.2500	1.2299	-.020	-1.61	.32927	.003	1
S5	2.5000	2.5306	.031	1.22	.68003	.001	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



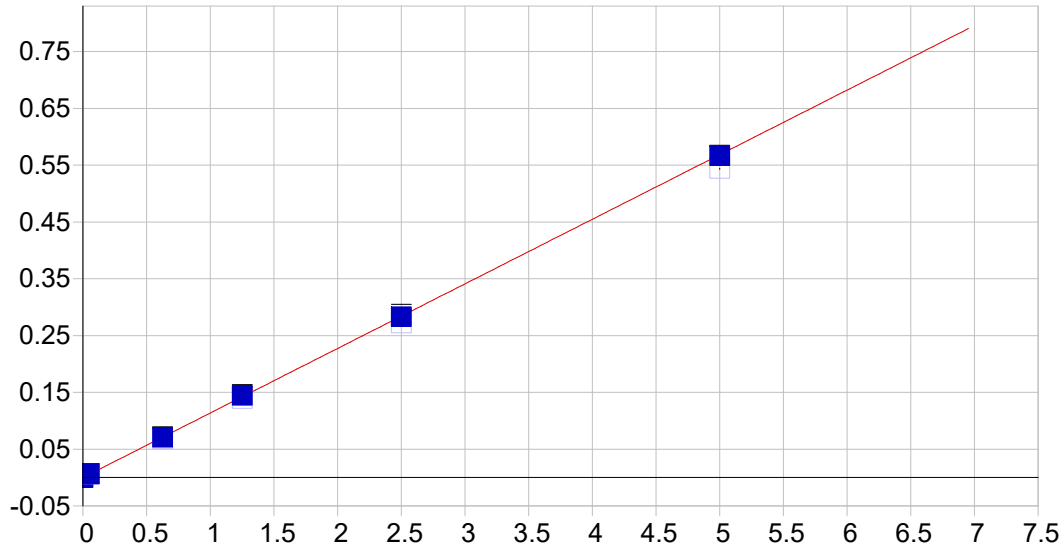
Na 818.326 { 41}

Date of Fit:	12/14/2024 12:15:07	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.007713	Re-Slope:	1.000000
A1 (Gain):	0.008360	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999983	Status:	OK.
Std Error of Est:	0.000150		
Predicted MDL:	0.660786		
Predicted MQL:	2.202618		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00026	.000	.000	.00771	.007	1
S1	5.0000	4.7166	-.283	-5.67	.04714	.006	1
S2	37.500	37.554	.054	.144	.32166	.005	1
S3	75.000	75.983	.983	1.31	.64292	.002	1
S4	150.00	149.09	-.907	-.605	1.2541	.015	1
S5	300.00	298.45	-1.55	-.515	2.5028	.012	1
S6	800.00	801.70	1.70	.212	6.7099	.040	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



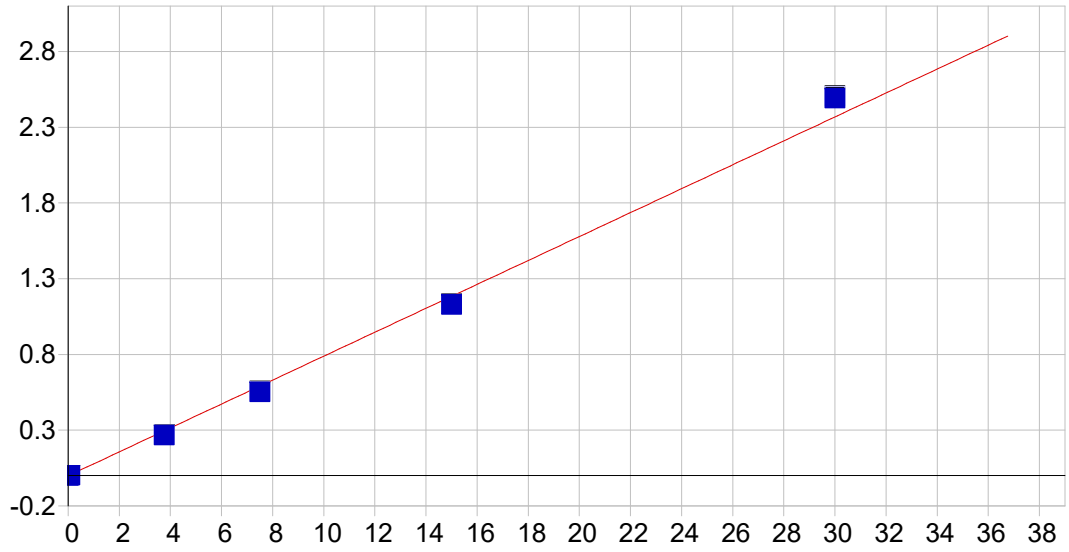
V 292.402 {115}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000133	Re-Slope:	1.000000
A1 (Gain):	0.113735	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.008568		
Predicted MQL:	0.028559		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00013	.001	1
S1	.05000	.05344	.003	6.89	.00593	.002	1
S2	.62500	.62265	-.002	-.376	.06784	.001	1
S3	1.2500	1.2730	.023	1.84	.13895	.001	1
S4	2.5000	2.4923	-.008	-.308	.27193	.004	1
S5	5.0000	4.9835	-.016	-.330	.54388	.001	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



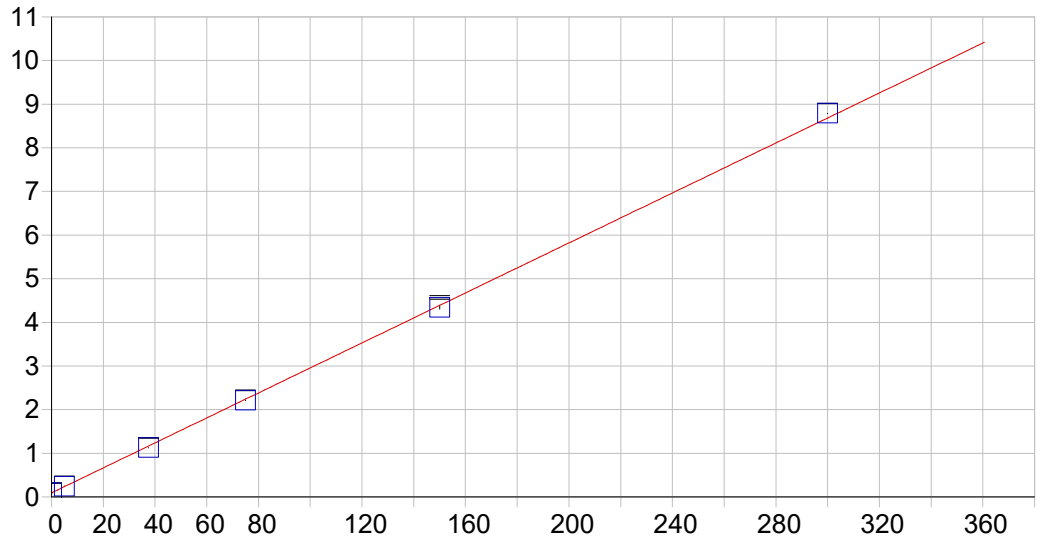
Zn 213.856 {158}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001094	Re-Slope:	1.000000
A1 (Gain):	0.078976	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998395	Status:	OK.
Std Error of Est:	0.000320		
Predicted MDL:	0.007524		
Predicted MQL:	0.025080		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00109	.000	1
S1	.06000	.04894	-.011	-18.4	.00279	.000	1
S2	3.7500	3.4005	-.349	-9.32	.26892	.001	1
S3	7.5000	6.9956	-.504	-6.73	.55428	.004	1
S4	15.000	14.299	-.701	-4.67	1.1340	.002	1
S5	30.000	31.566	1.57	5.22	2.5034	.004	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



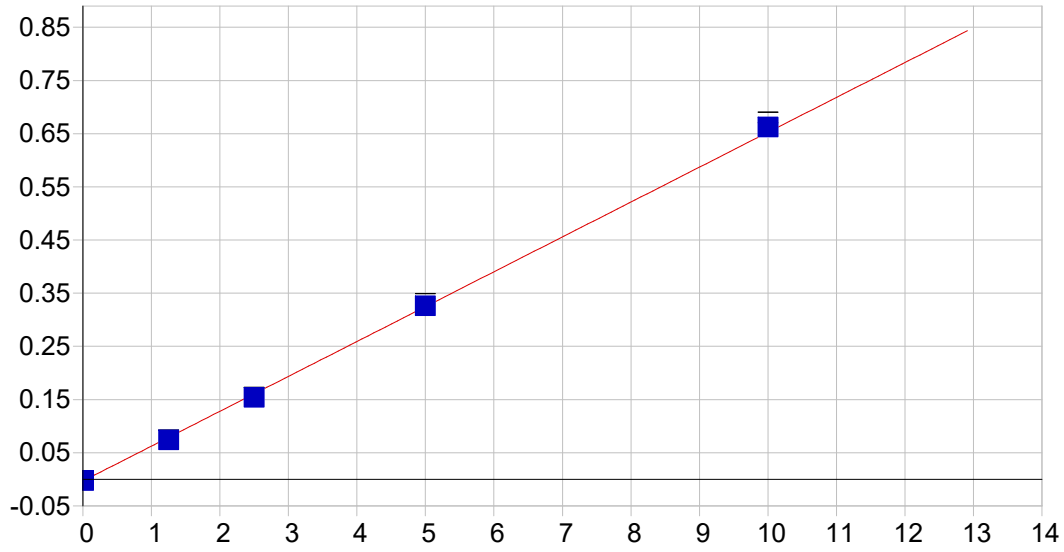
K 769.896 { 44}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.092603	Re-Slope:	1.000000
A1 (Gain):	0.028637	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.000938		
Predicted MDL:	0.144290		
Predicted MQL:	0.480966		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00005	-.000	.000	.09260	.005	1
S1	5.0000	5.2926	.293	5.85	.24417	.005	1
S2	37.500	36.132	-1.37	-3.65	1.1273	.005	1
S3	75.000	73.979	-1.02	-1.36	2.2112	.007	1
S4	150.00	148.41	-1.59	-1.06	4.3427	.040	1
S5	300.00	303.69	3.69	1.23	8.7894	.005	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



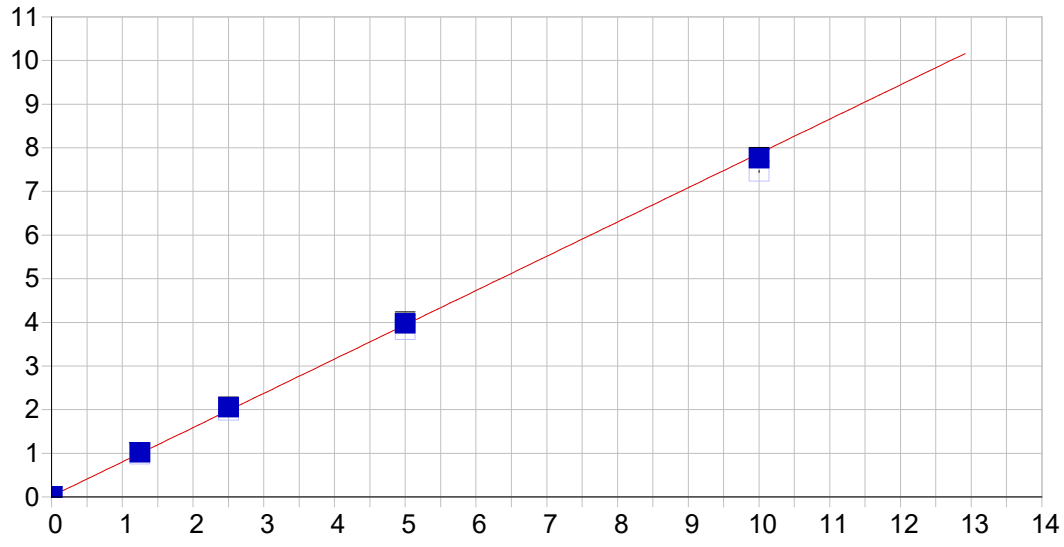
P 177.495 {490}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003185	Re-Slope:	1.000000
A1 (Gain):	0.065580	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999706	Status:	OK.
Std Error of Est:	0.000027		
Predicted MDL:	0.002571		
Predicted MQL:	0.008571		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00318	.000	1
S1	.01000	.00858	-.001	-14.2	-.00262	.000	1
S2	1.2500	1.1751	-.075	-5.99	.07376	.001	1
S3	2.5000	2.4009	-.099	-3.96	.15403	.000	1
S4	5.0000	5.0253	.025	.506	.32590	.004	1
S5	10.000	10.150	.150	1.50	.66150	.010	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



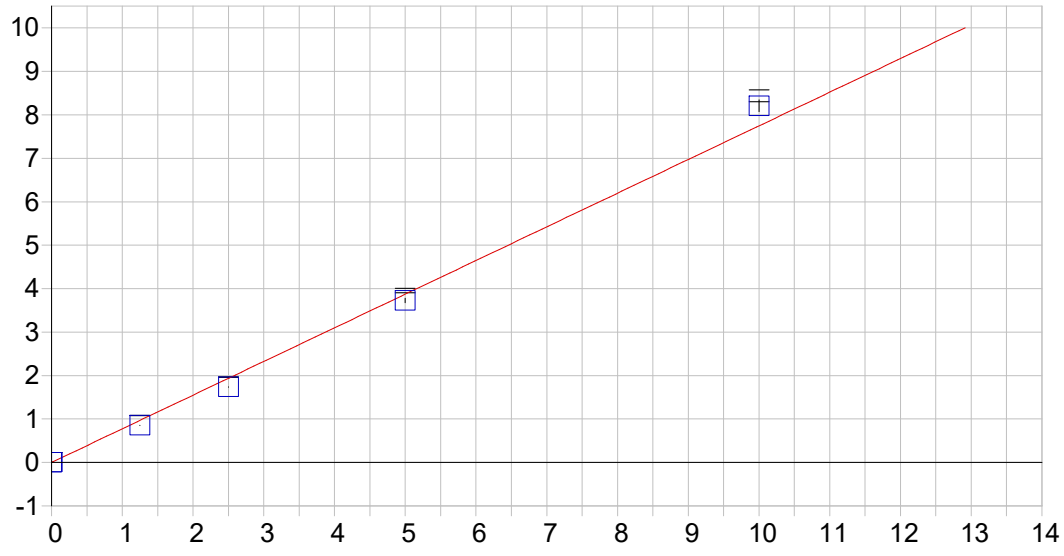
B 249.678 {135}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.016069	Re-Slope:	1.000000
A1 (Gain):	0.785560	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999017	Status:	OK.
Std Error of Est:	0.000562		
Predicted MDL:	0.002156		
Predicted MQL:	0.007187		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.01608	.002	1
S1	.01000	-.00668	-.017	-167.	.01078	.002	1
S2	1.2500	1.2731	.023	1.85	.97886	.004	1
S3	2.5000	2.5934	.093	3.74	1.9786	.010	1
S4	5.0000	5.0438	.044	.876	3.8289	.034	1
S5	10.000	9.8569	-.143	-1.43	7.4606	.022	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



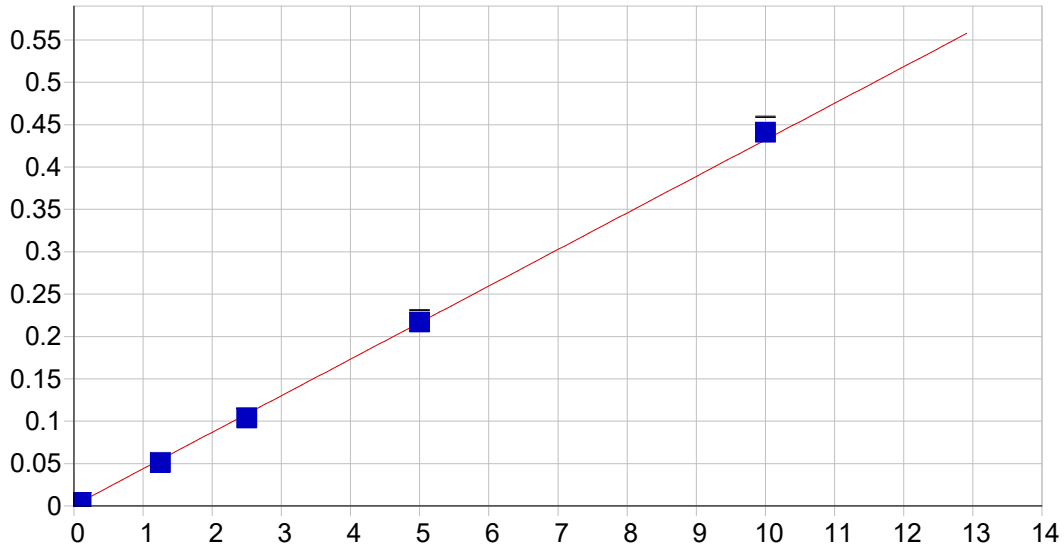
Mo 202.030 {467}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000044	Re-Slope:	1.000000
A1 (Gain):	0.774663	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997685	Status:	OK.
Std Error of Est:	0.000885		
Predicted MDL:	0.000477		
Predicted MQL:	0.001590		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00005	.000	1
S1	.01000	.00939	-.001	-6.10	.00732	.000	1
S2	1.2500	1.1004	-.150	-12.0	.85249	.005	1
S3	2.5000	2.2422	-.258	-10.3	1.7370	.004	1
S4	5.0000	4.8118	-.188	-3.76	3.7275	.052	1
S5	10.000	10.596	.596	5.96	8.2086	.134	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



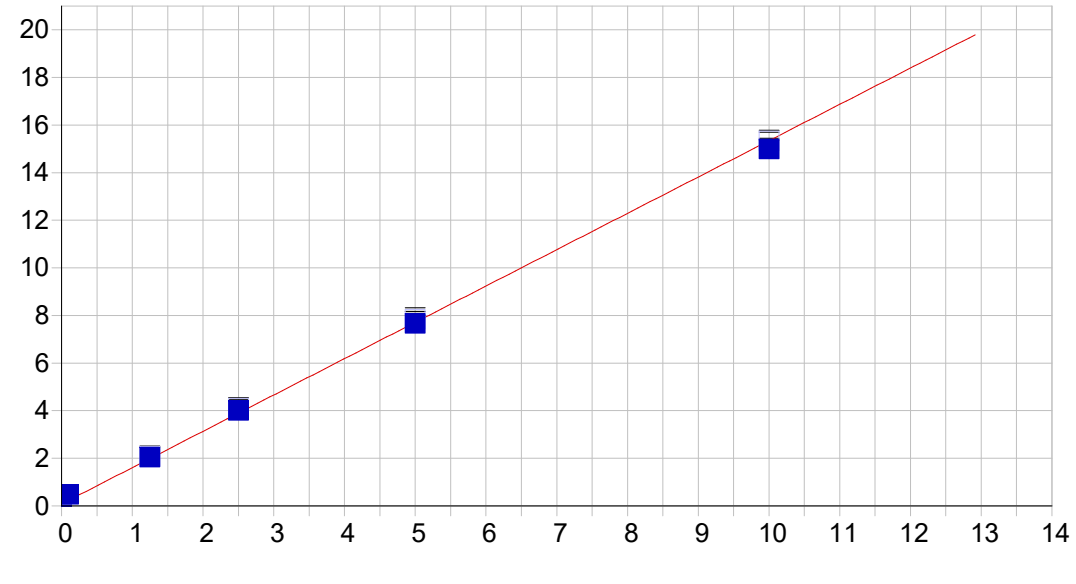
S 182.034 {485}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000663	Re-Slope:	1.000000
A1 (Gain):	0.043140	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999568	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.004605		
Predicted MQL:	0.015351		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00066	.000	1
S1	.10000	.08752	-.012	-12.5	.00444	.000	1
S2	1.2500	1.1668	-.083	-6.66	.05117	.000	1
S3	2.5000	2.3847	-.115	-4.61	.10389	.000	1
S4	5.0000	5.0124	.012	.249	.21759	.002	1
S5	10.000	10.199	.199	1.99	.44202	.006	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



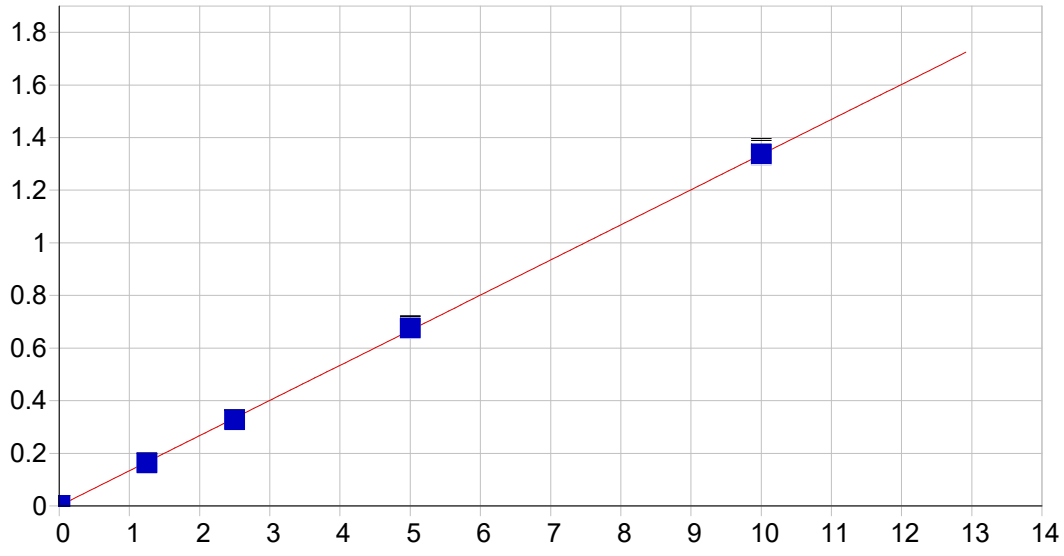
Si 251.611 {134}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.081703	Re-Slope:	1.000000
A1 (Gain):	1.526220	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.993092	Status:	OK.
Std Error of Est:	0.009800		
Predicted MDL:	0.001051		
Predicted MQL:	0.003503		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00017	-.000	.000	.08145	.001	1
S1	.10000	.26308	.163	163.	.48538	.002	1
S2	1.2500	1.2856	.036	2.85	2.0871	.007	1
S3	2.5000	2.5736	.074	2.95	4.0962	.025	1
S4	5.0000	4.9643	-.036	-.715	7.8315	.080	1
S5	10.000	9.7648	-.235	-2.35	15.331	.040	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



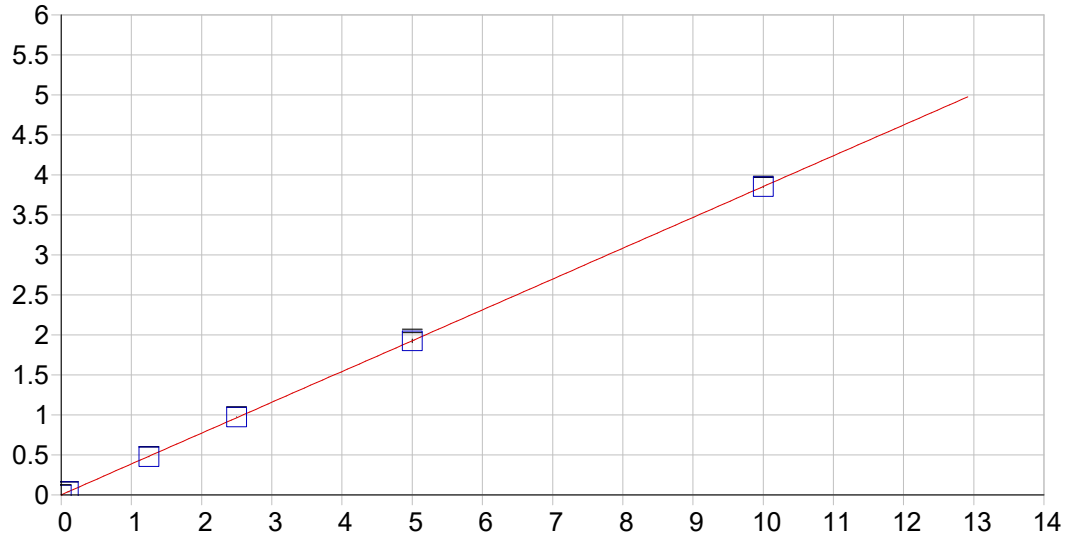
Sn 189.989 {478}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000196	Re-Slope:	1.000000
A1 (Gain):	0.133511	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000022		
Predicted MDL:	0.001358		
Predicted MQL:	0.004525		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00020	.000	1
S1	.00700	.00715	.000	2.16	.00111	.000	1
S2	1.2500	1.2161	-.034	-2.71	.16172	.001	1
S3	2.5000	2.4511	-.049	-1.95	.32578	.001	1
S4	5.0000	5.0617	.062	1.23	.67264	.009	1
S5	10.000	10.021	.021	.210	1.3314	.020	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



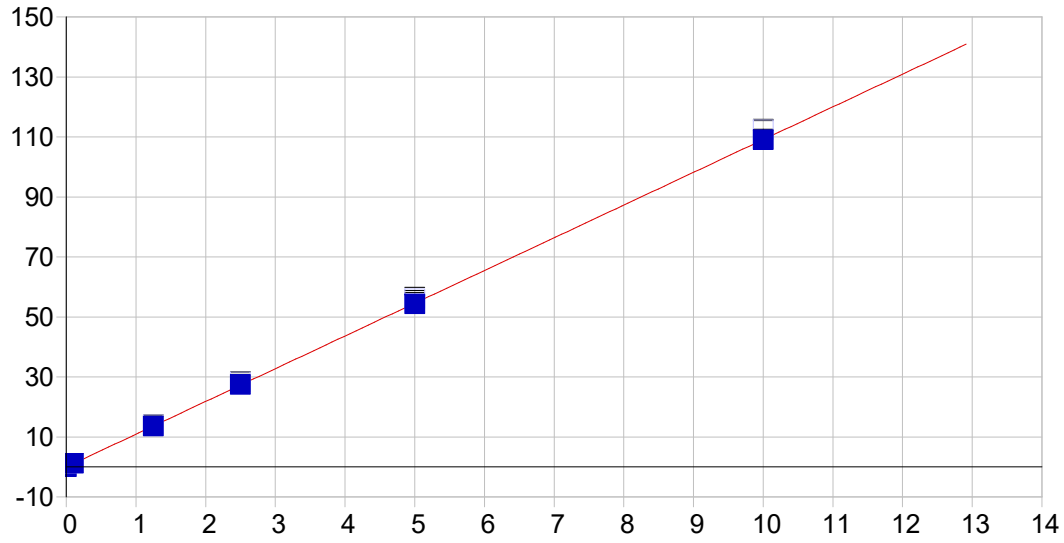
Ti 336.121 {100}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001593	Re-Slope:	1.000000
A1 (Gain):	0.385213	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000096		
Predicted MDL:	0.003689		
Predicted MQL:	0.012296		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00159	.001	1
S1	.10000	.09941	-.001	-.585	.03989	.001	1
S2	1.2500	1.2350	-.015	-1.20	.47734	.002	1
S3	2.5000	2.5236	.024	.943	.97370	.003	1
S4	5.0000	4.9952	-.005	-.096	1.9258	.022	1
S5	10.000	9.9968	-.003	-.032	3.8525	.008	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



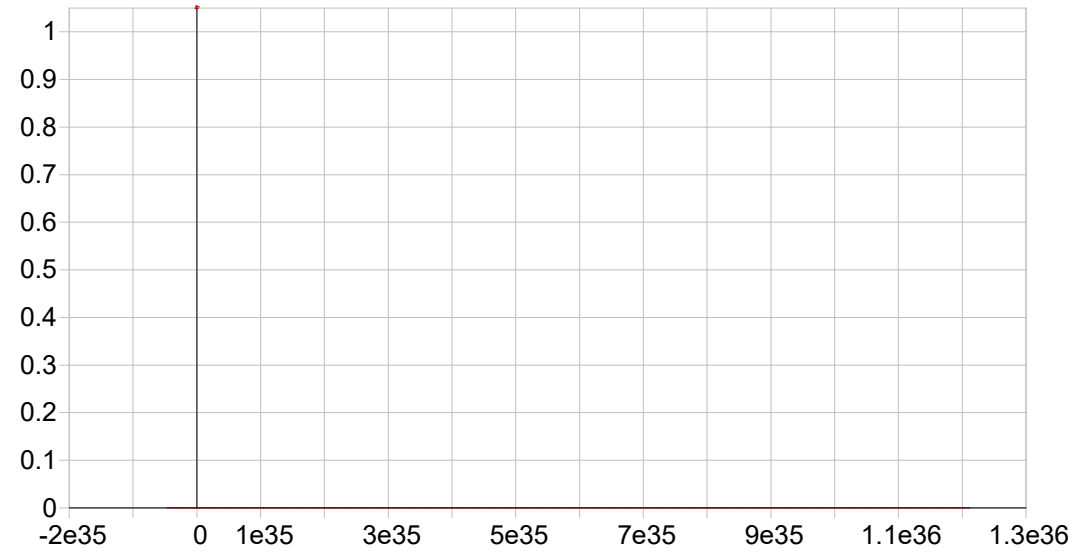
Sr 407.771 { 83}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.005144	Re-Slope:	1.000000
A1 (Gain):	10.910375	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.003987		
Predicted MDL:	0.000221		
Predicted MQL:	0.000735		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00523	.003	1
S1	.10000	.10798	.008	7.98	1.1740	.006	1
S2	1.2500	1.2430	-.007	-.557	13.966	.038	1
S3	2.5000	2.5200	.020	.798	28.307	.090	1
S4	5.0000	4.9836	-.016	-.329	56.004	.536	1
S5	10.000	9.9957	-.004	-.043	112.32	.221	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

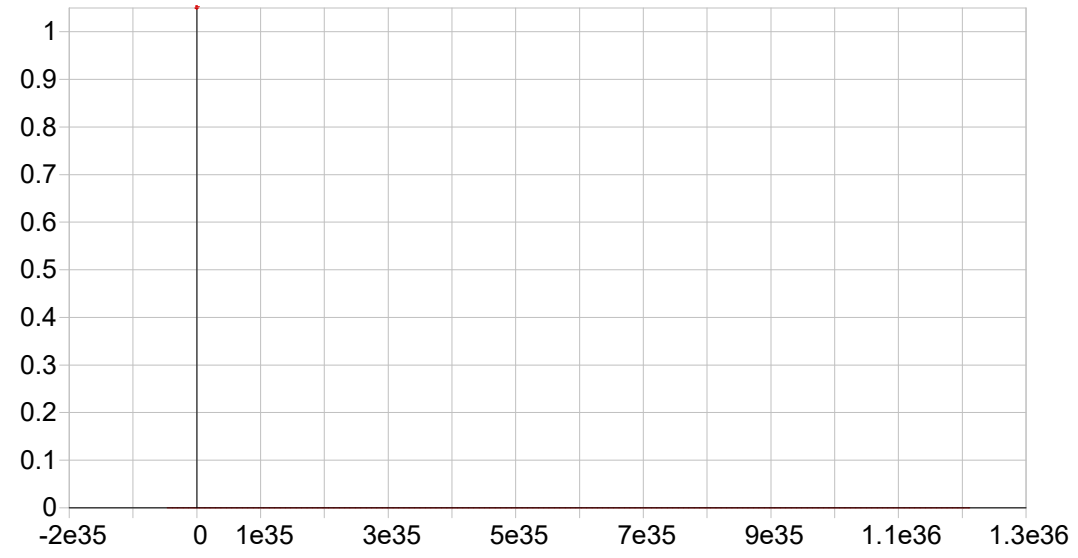


Y 224.306 {450}*

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}*

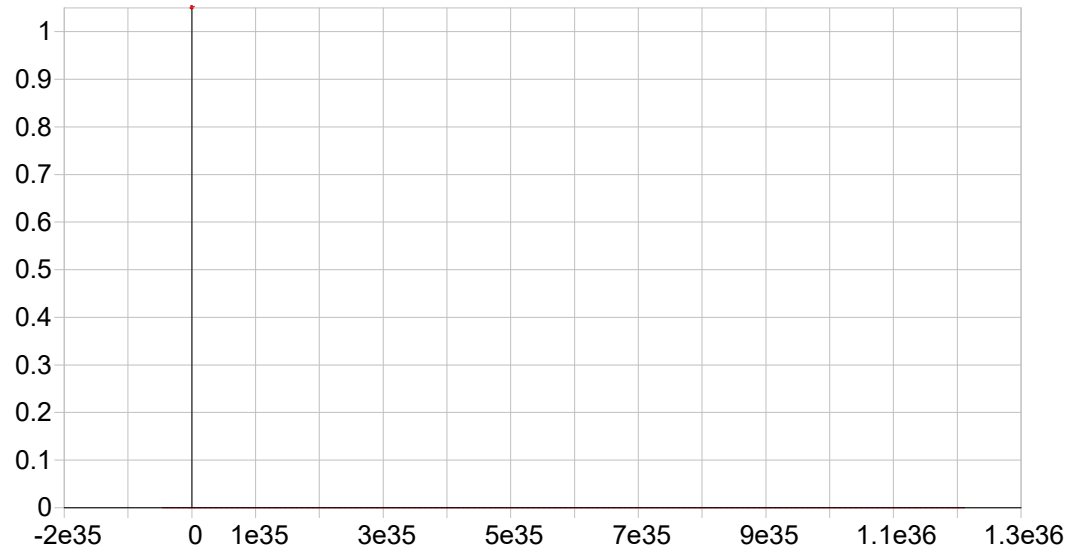
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Mohan
On:12/24/2024 3:42:36 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



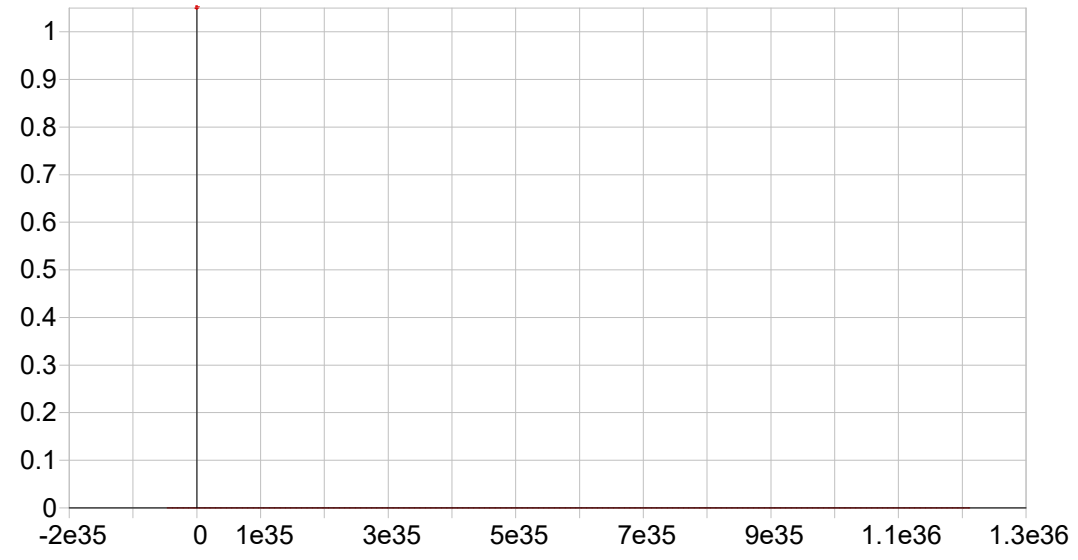
Y 371.030 { 91}*

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:12/24/2024 3:42:36 AM
Inst Id :P5

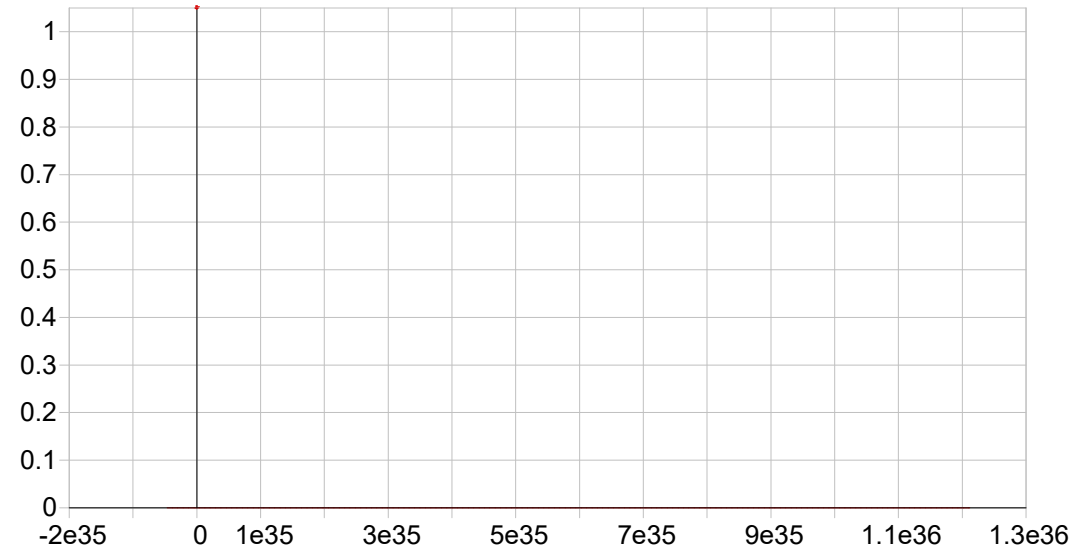


Y 224.306 {150}*

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}*

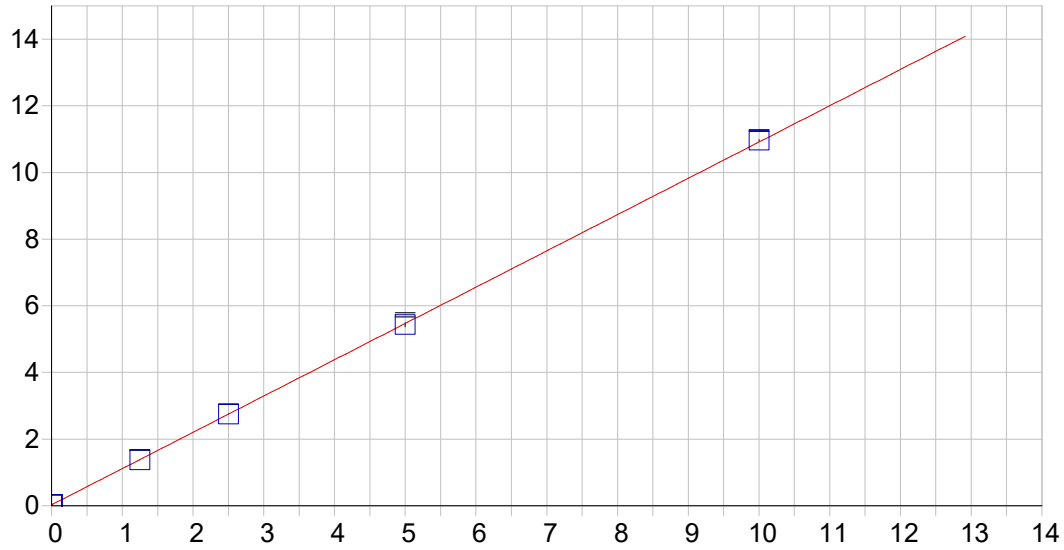
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:Mohan
On:12/24/2024 3:42:36 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



Li 670.784 { 50}

Date of Fit:	12/14/2024 12:11:06	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.026372		Re-Slope:	1.000000	
A1 (Gain):	1.088872		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999975	Status:	OK.		
Std Error of Est:	0.000158				
Predicted MDL:	0.004390				
Predicted MQL:	0.014634				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02637	.002	1
S5	10.000	10.045	.045	.446	10.964	.022	1
S4	5.0000	4.9644	-.036	-.711	5.4320	.061	1
S3	2.5000	2.5014	.001	.055	2.7500	.008	1
S2	1.2500	1.2373	-.013	-1.02	1.3736	.005	1
S1	.01500	.01731	.002	15.4	.04522	.007	1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/14/2024 11:47:48 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	.21409	-.00003	-.00058	-.00024	.00078	-.00195	.02475	-.00014
Stddev	.30402	.00022	.00015	.00030	.00053	.00059	.00457	.00049
%RSD	142.01	750.31	25.062	125.46	67.518	30.468	18.466	352.87
#1	-.13687	-.00025	-.00072	-.00000	.00126	-.00129	.02520	-.00070
#2	.39693	.00019	-.00043	-.00057	.00086	-.00212	.01997	.00018
#3	.38219	-.00003	-.00059	-.00013	.00022	-.00244	.02908	.00011

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	.00064	.00747	.00009	.00017	.00195	.00000	.00012	-.00144
Stddev	.00028	.00109	.00009	.00033	.00011	.00049	.00060	.00120
%RSD	44.593	14.638	100.64	199.35	5.8087	12552.	498.66	83.394
#1	.00044	.00843	-.00001	.00042	.00207	.00057	-.00056	-.00275
#2	.00051	.00770	.00013	-.00021	.00194	-.00032	.00059	-.00039
#3	.00096	.00628	.00015	.00029	.00184	-.00023	.00033	-.00118

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	.00009	-.00217	.00771	-.00013	-.00109	.09260	-.00318	.01608
Stddev	.00033	.00012	.00678	.00084	.00010	.00461	.00014	.00228
%RSD	364.75	5.7225	87.884	632.63	8.7924	4.9817	4.5114	14.177
#1	.00046	-.00208	.01554	.00078	-.00116	.08803	-.00316	.01736
#2	.00001	-.00231	.00372	-.00089	-.00098	.09726	-.00306	.01744
#3	-.00019	-.00213	.00389	-.00029	-.00114	.09252	-.00334	.01345

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00005	.00066	.08145	.00020	.00159	-.00523	.02637
Stddev	.00032	.00013	.00149	.00008	.00121	.00296	.00180
%RSD	694.25	19.261	1.8271	40.773	76.204	56.667	6.8212
#1	.00029	.00081	.08192	.00022	.00049	-.00281	.02456
#2	-.00032	.00056	.07978	.00026	.00289	-.00434	.02816
#3	.00016	.00062	.08264	.00011	.00140	-.00854	.02639

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S0 Acquired: 12/14/2024 11:47:48 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	2017.1	24555.	2207.5	1708.7	2713.8
Stddev	13.2	59.	7.0	4.9	19.4
%RSD	.65664	.23913	.31638	.28520	.71528
#1	2003.7	24563.	2203.2	1706.2	2692.8
#2	2017.5	24492.	2203.7	1705.6	2717.7
#3	2030.2	24608.	2215.5	1714.3	2731.0

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/14/2024 11:51:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	**1.9359**	**.00174**	**.00192**	**.00176**	**.00964**	**.02246**	**.94231**	**.06096**
Stddev	.0830	.00020	.00007	.00023	.00019	.00284	.00523	.00142
%RSD	4.2893	11.447	3.5527	13.042	1.9910	12.663	.55509	2.3297
#1	1.9753	.00173	.00192	.00178	.00948	.02194	.94675	.06223
#2	1.9919	.00195	.00198	.00152	.00986	.02552	.93654	.06123
#3	1.8405	.00155	.00185	.00197	.00959	.01991	.94364	.05943

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	**.01729**	**.26716**	**.00268**	**.04599**	**.00528**	**.00263**	**.00693**	**.07217**
Stddev	.00022	.00060	.00002	.00066	.00079	.00035	.00028	.00177
%RSD	1.2865	.22599	.70494	1.4414	15.005	13.159	4.0308	2.4574
#1	.01724	.26734	.00266	.04528	.00441	.00299	.00725	.07417
#2	.01753	.26649	.00267	.04610	.00548	.00260	.00673	.07079
#3	.01710	.26766	.00270	.04659	.00595	.00230	.00682	.07155

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	**.02285**	**.00083**	**.04714**	**.00593**	**.00279**	**.24417**	**-.00262**	**.01078**
Stddev	.00004	.00039	.00621	.00191	.00031	.00459	.00009	.00194
%RSD	.18886	47.142	13.179	32.280	11.048	1.8812	3.2514	17.991
#1	.02289	.00120	.04156	.00404	.00311	.24943	-.00258	.01283
#2	.02285	.00042	.05384	.00588	.00274	.24095	-.00256	.00898
#3	.02280	.00087	.04603	.00787	.00250	.24213	-.00272	.01053

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00732**	**.00444**	**.48538**	**.00111**	**.03989**	**1.1740**	**.04522**
Stddev	.00027	.00026	.00194	.00025	.00064	.0056	.00718
%RSD	3.7403	5.9100	.40064	22.952	1.6034	.47690	15.870
#1	.00706	.00427	.48395	.00084	.03916	1.1800	.04820
#2	.00761	.00431	.48458	.00114	.04038	1.1732	.03703
#3	.00728	.00474	.48759	.00135	.04013	1.1689	.05042

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S1 Acquired: 12/14/2024 11:51:54 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	**2005.5**	**24068.**	**2198.3**	**1675.7**	**2715.8**
Stddev	22.9	444.	9.0	33.7	32.5
%RSD	1.1439	1.8465	.41138	2.0083	1.1962
#1	2023.9	24409.	2190.1	1702.0	2742.4
#2	2012.7	24231.	2208.0	1687.4	2725.4
#3	1979.8	23566.	2196.8	1637.8	2679.6

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/14/2024 11:56:01 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	**196.32**	**.10840**	**1.3614**	**.07880**	**.19797**	**4.2184**	**10.850**	**1.4495**
Stddev	.24	.00030	.0074	.00065	.00174	.0138	.011	.0041
%RSD	.12440	.27248	.54275	.81861	.88100	.32764	.10392	.28447
#1	196.48	.10812	1.3530	.07818	.19607	4.2318	10.863	1.4483
#2	196.43	.10871	1.3666	.07947	.19833	4.2042	10.842	1.4461
#3	196.04	.10838	1.3647	.07874	.19950	4.2192	10.844	1.4541

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	**2.1215**	**3.2062**	**.96242**	**.55734**	**.49341**	**.92524**	**1.6576**	**.85795**
Stddev	.0115	.0117	.00227	.00300	.00236	.00291	.0035	.00107
%RSD	.54403	.36513	.23597	.53818	.47835	.31474	.20859	.12469
#1	2.1084	3.2197	.96499	.55399	.49600	.92851	1.6599	.85839
#2	2.1299	3.1996	.96068	.55978	.49138	.92429	1.6592	.85874
#3	2.1263	3.1993	.96160	.55825	.49286	.92293	1.6536	.85673

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	**.35719**	**.08039**	**.32166**	**.06784**	**.26892**	**1.1273**	**.07376**	**.97886**
Stddev	.00214	.00023	.00483	.00088	.00130	.0046	.00050	.00360
%RSD	.60050	.28819	1.5019	1.2982	.48325	.40882	.68271	.36736
#1	.35471	.08028	.32635	.06731	.26910	1.1241	.07318	.97543
#2	.35851	.08065	.32194	.06734	.27011	1.1326	.07398	.98260
#3	.35833	.08023	.31670	.06885	.26753	1.1253	.07411	.97854

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.85249**	**.05117**	**2.0871**	**.16172**	**.47734**	**13.966**	**1.3736**
Stddev	.00479	.00029	.0071	.00083	.00154	.038	.0048
%RSD	.56233	.56936	.34069	.51387	.32331	.26872	.34807
#1	.84750	.05085	2.0789	.16076	.47816	13.971	1.3713
#2	.85705	.05141	2.0910	.16218	.47829	14.001	1.3705
#3	.85293	.05125	2.0915	.16221	.47556	13.926	1.3791

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S2 Acquired: 12/14/2024 11:56:01 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1940.7	24404.	2252.5	1665.1	2531.7
Stddev	13.2	65.	3.7	3.3	13.5
%RSD	.67910	.26493	.16245	.19746	.53303
#1	1955.4	24349.	2256.6	1667.3	2547.1
#2	1930.0	24475.	2251.2	1661.3	2522.0
#3	1936.7	24388.	2249.7	1666.8	2526.0

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/14/2024 11:59:52 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	**388.27**	**.21540**	**2.7291**	**.16093**	**.40184**	**8.5061**	**22.019**	**2.9111**
Stddev	.60	.00021	.0019	.00044	.00080	.0225	.090	.0116
%RSD	.15386	.09620	.06894	.27108	.19933	.26499	.40997	.39942
#1	387.71	.21563	2.7269	.16143	.40154	8.4801	21.917	2.9152
#2	388.20	.21523	2.7305	.16066	.40124	8.5191	22.051	2.9202
#3	388.90	.21533	2.7297	.16069	.40275	8.5192	22.088	2.8980

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	**4.2459**	**6.4250**	**1.9270**	**1.1009**	**.99355**	**1.8671**	**3.3329**	**1.7174**
Stddev	.0050	.0140	.0012	.0017	.00324	.0065	.0060	.0070
%RSD	.11864	.21803	.06256	.15381	.32660	.34899	.18080	.40921
#1	4.2401	6.4122	1.9279	1.0994	.99716	1.8600	3.3262	1.7093
#2	4.2496	6.4400	1.9275	1.1006	.99261	1.8686	3.3379	1.7221
#3	4.2480	6.4228	1.9257	1.1028	.99088	1.8728	3.3346	1.7207

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	**.71549**	**.16481**	**.64292**	**.13895**	**.55428**	**2.2112**	**.15403**	**1.9786**
Stddev	.00120	.00029	.00238	.00127	.00418	.0074	.00018	.0098
%RSD	.16757	.17446	.37084	.91295	.75416	.33366	.11971	.49525
#1	.71429	.16467	.64200	.13774	.55127	2.2066	.15382	1.9812
#2	.71669	.16514	.64114	.13884	.55906	2.2072	.15414	1.9869
#3	.71547	.16462	.64563	.14027	.55253	2.2197	.15413	1.9678

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.7370**	**.10389**	**4.0962**	**.32578**	**.97370**	**28.307**	**2.7500**
Stddev	.0038	.00032	.0251	.00056	.00253	.090	.0076
%RSD	.21637	.31262	.61227	.17094	.25971	.31759	.27743
#1	1.7336	.10389	4.0979	.32593	.97103	28.203	2.7502
#2	1.7363	.10421	4.1205	.32516	.97403	28.361	2.7423
#3	1.7410	.10356	4.0704	.32624	.97606	28.356	2.7576

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S3 Acquired: 12/14/2024 11:59:52 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1867.3	23868.	2215.7	1598.1	2450.9
Stddev	2.5	90.	5.4	7.8	1.8
%RSD	.13628	.37687	.24571	.48769	.07493
#1	1865.4	23943.	2219.4	1599.4	2448.8
#2	1870.2	23768.	2209.4	1589.7	2452.2
#3	1866.3	23893.	2218.1	1605.2	2451.7

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/14/2024 12:03:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	**763.12**	**.43683**	**5.6140**	**.34057**	**.86040**	**16.992**	**43.857**	**5.6542**
Stddev	2.64	.00363	.0720	.00510	.01276	.174	.449	.0564
%RSD	.34628	.83157	1.2815	1.4962	1.4835	1.0255	1.0236	.99782
#1	760.24	.43492	5.5681	.33673	.84983	17.191	44.356	5.7099
#2	765.44	.43455	5.5770	.33862	.85680	16.870	43.487	5.5971
#3	763.67	.44102	5.6969	.34635	.87458	16.914	43.729	5.6554

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8.6649**	**12.662**	**3.7621**	**2.2253**	**1.9623**	**3.6538**	**6.5130**	**3.3745**
Stddev	.1080	.121	.0316	.0304	.0162	.0350	.0525	.0348
%RSD	1.2458	.95588	.83917	1.3674	.82388	.95773	.80561	1.0324
#1	8.5953	12.802	3.7421	2.2043	1.9807	3.6939	6.5721	3.4133
#2	8.6101	12.588	3.7458	2.2115	1.9505	3.6298	6.4718	3.3460
#3	8.7893	12.596	3.7985	2.2602	1.9556	3.6375	6.4952	3.3641

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	**1.4568**	**.32927**	**1.2541**	**.27193**	**1.1340**	**4.3427**	**.32590**	**3.8289**
Stddev	.0187	.00264	.0147	.00443	.0017	.0396	.00435	.0336
%RSD	1.2836	.80182	1.1691	1.6300	.14916	.91277	1.3338	.87831
#1	1.4439	.32709	1.2711	.27705	1.1359	4.3875	.32258	3.8635
#2	1.4482	.32851	1.2457	.26947	1.1329	4.3124	.32428	3.7963
#3	1.4782	.33221	1.2457	.26928	1.1331	4.3280	.33082	3.8268

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.7275**	**.21759**	**7.8315**	**.67264**	**1.9258**	**56.004**	**5.4320**
Stddev	.0517	.00227	.0796	.00921	.0222	.536	.0612
%RSD	1.3870	1.0443	1.0166	1.3686	1.1507	.95700	1.1268
#1	3.6897	.21658	7.9148	.66611	1.9498	56.598	5.5011
#2	3.7065	.21601	7.7562	.66864	1.9061	55.556	5.3845
#3	3.7864	.22020	7.8235	.68317	1.9215	55.858	5.4105

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S4 Acquired: 12/14/2024 12:03:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1699.4	23602.	2224.7	1529.2	2301.7
Stddev	21.9	132.	24.1	7.5	27.5
%RSD	1.2857	.55719	1.0849	.49245	1.1944
#1	1714.3	23654.	2200.3	1532.2	2317.3
#2	1709.5	23700.	2248.5	1534.8	2317.8
#3	1674.3	23453.	2225.4	1520.7	2269.9

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/14/2024 12:07:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	**1457.9**	**.85300**	**11.158**	**.73795**	**1.9045**	**34.579**	**88.490**	**11.233**
Stddev	2.3	.01181	.156	.01143	.0335	.018	.110	.047
%RSD	.15788	1.3847	1.3941	1.5489	1.7562	.05347	.12446	.41487
#1	1459.3	.86167	11.255	.74482	1.9267	34.598	88.515	11.277
#2	1459.2	.85777	11.239	.74428	1.9208	34.562	88.370	11.184
#3	1455.3	.83955	10.978	.72476	1.8661	34.577	88.586	11.238

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	**17.020**	**25.282**	**7.5068**	**4.3552**	**3.9418**	**7.2149**	**12.882**	**6.7012**
Stddev	.242	.034	.0076	.0720	.0053	.0046	.022	.0184
%RSD	1.4208	.13501	.10173	1.6525	.13444	.06409	.17329	.27415
#1	17.164	25.303	7.5145	4.3994	3.9436	7.2202	12.907	6.7218
#2	17.154	25.243	7.5066	4.3941	3.9358	7.2117	12.867	6.6866
#3	16.741	25.300	7.4992	4.2721	3.9459	7.2128	12.871	6.6952

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	**2.8668**	**.68003**	**2.5028**	**.54388**	**2.5034**	**8.7894**	**.66150**	**7.4606**
Stddev	.0470	.00118	.0124	.00087	.0045	.0050	.00990	.0225
%RSD	1.6379	.17411	.49612	.15965	.17792	.05668	1.4961	.30143
#1	2.8949	.68119	2.5092	.54487	2.5039	8.7927	.66684	7.4665
#2	2.8929	.68007	2.4885	.54329	2.5077	8.7837	.66758	7.4357
#3	2.8126	.67882	2.5107	.54347	2.4988	8.7919	.65008	7.4794

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8.2086**	**.44202**	**15.331**	**1.3314**	**3.8525**	**112.32**	**10.964**
Stddev	.1336	.00633	.040	.0202	.0084	.22	.022
%RSD	1.6279	1.4313	.26174	1.5163	.21926	.19697	.19616
#1	8.2917	.44641	15.348	1.3436	3.8610	112.57	10.953
#2	8.2796	.44487	15.286	1.3425	3.8441	112.14	10.950
#3	8.0544	.43477	15.361	1.3081	3.8524	112.26	10.988

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S5 Acquired: 12/14/2024 12:07:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	1461.4	22229.	2157.9	1320.8	2168.5
Stddev	23.5	89.	4.1	3.2	32.7
%RSD	1.6092	.40258	.19154	.24463	1.5089
#1	1447.8	22237.	2153.9	1323.8	2150.4
#2	1447.8	22136.	2157.6	1317.4	2148.8
#3	1488.5	22315.	2162.1	1321.2	2206.2

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: S6 Acquired: 12/14/2024 12:11:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) 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	**90.293**	**40.503**	**18.750**	**10.533**	**6.7099**
Stddev	.224	.136	.091	.041	.0397
%RSD	.24791	.33644	.48318	.39300	.59229
#1	90.551	40.627	18.854	10.580	6.7389
#2	90.170	40.357	18.703	10.502	6.7262
#3	90.157	40.525	18.692	10.517	6.6646

Int. Std.	Y_3710
Units	Cts/S
Avg	**2119.2**
Stddev	8.4
%RSD	.39737
#1	2110.9
#2	2127.7
#3	2119.1

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICV003 Acquired: 12/14/2024 13:32:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.042777**	**1.030311**	**.9420914**	**.9078427**	**.9165320**	**2.444760**
Stddev	.007262	.007831	.0067524	.0093736	.0082438	.077365
%RSD	.6964097	.7600753	.7167503	1.032511	.8994514	3.164540
#1	1.045377	1.039342	.9498340	.9185215	.9245516	2.382448
#2	1.034573	1.026187	.9390170	.9009750	.9080810	2.531353
#3	1.048381	1.025404	.9374232	.9040315	.9169634	2.420479

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5267362**	**.4853042**	**.4761029**	**9.996435**	**.5237009**	**.4694230**
Stddev	.0119486	.0078682	.0042521	.257450	.0071746	.0055088
%RSD	2.268412	1.621301	.8931107	2.575420	1.369986	1.173529
#1	.5172877	.4767249	.4809439	9.802972	.5209363	.4757840
#2	.5401675	.4921834	.4743922	10.28864	.5183199	.4662371
#3	.5227533	.4870042	.4729724	9.89769	.5318466	.4662479

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4976779**	**10.30342**	**.5230939**	**5.974555**	**.4851125**	**.2513865**
Stddev	.0205517	.27106	.0110426	.155042	.0045628	.0042421
%RSD	4.129523	2.630743	2.111022	2.595040	.9405592	1.687486
#1	.4752505	10.10182	.5122294	5.825288	.4903782	.2494558
#2	.5156095	10.61156	.5343064	6.134789	.4826312	.2484532
#3	.5021739	10.19687	.5227459	5.963586	.4823280	.2562506

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.26417**	**.5086495**	**.9274281**	**9.301370**	F **-.000814**	F **-.021707**
Stddev	.22715	.0094912	.0175080	.199520	.000865	.000393
%RSD	2.213069	1.865957	1.887805	2.145055	106.2368	1.812051
#1	10.30033	.4998203	.9075931	9.254183	-.001682	-.022140
#2	10.47107	.5186870	.9339607	9.520254	-.000807	-.021610
#3	10.02111	.5074413	.9407307	9.129674	.000047	-.021371

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICV003 Acquired: 12/14/2024 13:32:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000380	F -.001596	F -.033656	F -.000566	F -.005647	F -.009052
Stddev	.000523	.005735	.000495	.000918	.002462	.000422
%RSD	137.4453	359.4281	1.471973	162.2159	43.60343	4.660514
#1	-.000936	.002933	-.033968	-.001484	-.006994	-.008623
#2	.000102	-.008045	-.033084	.000352	-.002805	-.009466
#3	-.000307	.000324	-.033915	-.000566	-.007142	-.009067

Elem	Li6707
Units	ppm
Avg	F -.021118
Stddev	.004691
%RSD	22.21496
#1	-.024591
#2	-.022982
#3	-.015781

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.248	24629.60	2282.722	1713.205	2754.725
Stddev	17.278	299.94	36.203	24.650	25.530
%RSD	.8659367	1.217789	1.585937	1.438806	.9267759
#1	1975.497	24744.53	2315.930	1730.108	2726.452
#2	2002.682	24855.08	2244.128	1724.586	2761.631
#3	2007.564	24289.20	2288.108	1684.921	2776.091

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICB003 Acquired: 12/14/2024 13:36:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019963**	**-.000389**	**.0004564**	**.0020014**	**-.000470**	**.0203237**
Stddev	.0031239	.001541	.0009895	.0036061	.002290	.0150354
%RSD	156.4841	396.0229	216.8214	180.1809	487.0503	73.97947
#1	-.001447	-.001891	.0007474	.0060640	.002113	.0376703
#2	.004648	-.000464	.0012677	-.000821	-.001272	.0110294
#3	.002788	.001188	-.000646	.000761	-.002252	.0122715

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001431**	**-.000083**	**-.000023**	**-.011872**	**.0002465**	**-.000215**
Stddev	.000552	.000107	.000055	.011683	.0002631	.000432
%RSD	38.60429	128.9416	244.8242	98.40884	106.7131	201.3319
#1	-.001041	.000040	.000008	.001527	.0005502	-.000688
#2	-.001188	-.000141	-.000086	-.019932	.0000966	-.000116
#3	-.002063	-.000148	.000010	-.017212	.0000927	.000160

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011946**	**.0092471**	**-.000001**	**-.014546**	**-.001271**	**.0020043**
Stddev	.009691	.0519477	.000346	.092164	.000461	.0017702
%RSD	81.12480	561.7745	34469.01	633.5954	36.26745	88.32392
#1	-.019404	.0356238	.000399	-.115347	-.001010	.0009636
#2	-.000992	.0427146	-.000201	.006297	-.001000	.0040482
#3	-.015441	-.050597	-.000201	.065411	-.001803	.0010010

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.094737**	**-.000501**	**.0008323**	**.2907842**	**-.002505**	**-.014965**
Stddev	.133618	.008298	.0067838	.0930869	.000109	.000878
%RSD	141.0406	1656.053	815.0637	32.01238	4.368697	5.868418
#1	.055195	.006982	.0018572	.2595164	-.002631	-.015219
#2	-.201231	-.009425	-.006406	.3954795	-.002455	-.015689
#3	-.138176	.000940	.007045	.2173568	-.002430	-.013988

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICB003 Acquired: 12/14/2024 13:36:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008573	-.013436	-.035177	-.001715	-.003417	-.000069
Stddev	.0000687	.003311	.000955	.001797	.002787	.000167
%RSD	8.011708	24.64445	2.716067	104.8307	81.55727	243.7475
#1	.0008138	-.009614	-.036258	.000017	-.005690	-.000182
#2	.0009364	-.015442	-.034447	-.001590	-.004253	-.000147
#3	.0008215	-.015252	-.034825	-.003571	-.000308	.000123

Elem	Li6707
Units	ppm
Avg	F -.016885
Stddev	.002830
%RSD	16.75775
#1	-.014390
#2	-.016306
#3	-.019959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.374	25194.83	2215.799	1749.277	2809.807
Stddev	8.283	1324.24	4.891	89.768	12.653
%RSD	.4111725	5.256007	.2207235	5.131727	.4503275
#1	2006.596	24429.52	2212.059	1690.683	2800.293
#2	2023.082	24431.04	2214.003	1704.525	2824.167
#3	2013.443	26723.94	2221.333	1852.624	2804.959

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICSA003 Acquired: 12/14/2024 13:48:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005787**	**.0143398**	**.0070659**	**-.017451**	**.0074999**	**248.7256**
Stddev	.002452	.0031624	.0029356	.009227	.0028833	18.8369
%RSD	42.37191	22.05322	41.54642	52.87333	38.44527	7.573370
#1	-.007214	.0171094	.0038021	-.026549	.0105742	230.2452
#2	-.007190	.0108940	.0094907	-.017705	.0070695	267.8998
#3	-.002955	.0150159	.0079048	-.008100	.0048559	248.0317

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043323**	**.0014044**	**.0009407**	**246.7715**	**.0505851**	**.0354173**
Stddev	.0005169	.0001828	.0001961	18.4824	.0036932	.0003413
%RSD	11.93082	13.01790	20.84464	7.489661	7.300984	.9636406
#1	.0037373	.0012204	.0011505	228.9679	.0530100	.0352058
#2	.0046703	.0015860	.0009095	265.8650	.0463346	.0358110
#3	.0045894	.0014068	.0007621	245.4818	.0524106	.0352351

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0187459**	**104.0831**	**.0095453**	**253.8998**	**.0070081**	**-.006241**
Stddev	.0096244	8.0113	.0001633	19.1930	.0005389	.001150
%RSD	51.34132	7.697014	1.710446	7.559270	7.689916	18.42288
#1	.0084405	96.1633	.0097226	235.3990	.0076260	-.007114
#2	.0275010	112.1829	.0095121	273.7171	.0067628	-.004938
#3	.0202962	103.9031	.0094012	252.5834	.0066354	-.006670

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0123412**	**.0024444**	**-.028919**	**-.390320**	**.0059887**	F **-.067194**
Stddev	.7288507	.0106218	.005989	.237329	.0020858	.002050
%RSD	5905.839	434.5330	20.70943	60.80370	34.82888	3.050207
#1	-.652063	-.007905	-.022057	-.637342	.0083239	-.065428
#2	-.102837	.013319	-.031607	-.164046	.0043105	-.069441
#3	.791923	.001919	-.033092	-.369572	.0053317	-.066713

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICSA003 Acquired: 12/14/2024 13:48:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003500	.0068088	-.040781	F .0079603	-.006691	.0018047
Stddev	.000344	.0009698	.000488	.0015828	.000935	.0002530
%RSD	9.825494	14.24284	1.197165	19.88391	13.96649	14.01706
#1	-.003763	.0059977	-.041286	.0062681	-.007493	.0020399
#2	-.003626	.0078830	-.040311	.0094044	-.005665	.0018370
#3	-.003111	.0065456	-.040745	.0082085	-.006917	.0015371

Elem	Li6707
Units	ppm
Avg	F -.018719
Stddev	.005409
%RSD	28.89872
#1	-.024902
#2	-.014859
#3	-.016395

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.996	22840.44	2221.796	1600.245	2421.344
Stddev	8.731	1149.92	139.955	79.314	10.629
%RSD	.4651415	5.034584	6.299203	4.956339	.4389763
#1	1869.111	22110.20	2355.908	1561.292	2412.185
#2	1875.499	24165.97	2076.650	1691.504	2418.848
#3	1886.379	22245.16	2232.830	1547.940	2432.999

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICSAB003 Acquired: 12/14/2024 14:07:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1002839**	**.1301300**	**.0571232**	**.0276274**	**.5462790**	**262.3385**
Stddev	.0026047	.0049179	.0033015	.0051155	.0029089	27.7499
%RSD	2.597355	3.779221	5.779578	18.51606	.5324882	10.57789
#1	.0986465	.1244567	.0535834	.0224945	.5465904	235.2839
#2	.1032875	.1331804	.0601187	.0276622	.5432269	290.7349
#3	.0989176	.1327530	.0576676	.0327254	.5490196	260.9966

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5848589**	**.5192235**	**1.001966**	**259.3118**	**.5756484**	**.5095373**
Stddev	.0594550	.0501475	.008612	27.3065	.0077140	.0033985
%RSD	10.16570	9.658175	.8594956	10.53039	1.340049	.6669731
#1	.5254276	.4734078	1.002416	232.7711	.5845291	.5096753
#2	.6443375	.5727984	.993137	287.3246	.5706128	.5060719
#3	.5848116	.5114644	1.010343	257.8396	.5718032	.5128647

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4895056**	**109.5362**	**.5656782**	**266.3778**	**.9979332**	**.1881489**
Stddev	.0536500	11.4173	.0597911	28.1661	.0076593	.0013141
%RSD	10.96003	10.42330	10.56980	10.57372	.7675109	.6984582
#1	.4406701	98.2983	.5069379	239.0887	.9990870	.1883829
#2	.5469331	121.1248	.6264674	295.3457	.9897625	.1893303
#3	.4809137	109.1854	.5636294	264.6991	1.004950	.1867335

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0271809**	**.5570621**	**.8958801**	**-.613843**	**.0014976**	F **-.070675**
Stddev	.3580336	.0566786	.0048708	.194347	.0006973	.006466
%RSD	1317.223	10.17456	.5436877	31.66070	46.56274	9.148294
#1	-.383506	.4979229	.9010410	-.827752	.0021850	-.065141
#2	.191414	.6109089	.8913635	-.448126	.0015168	-.077782
#3	.273635	.5623545	.8952359	-.565652	.0007908	-.069102

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: ICSAB003 Acquired: 12/14/2024 14:07:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB003 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004041	.0024067	-.042149	F .0074211	-.008196	.0016947
Stddev	.000104	.0033423	.001540	.0023036	.003398	.0009022
%RSD	2.562750	138.8753	3.654302	31.04075	41.45997	53.23288
#1	-.003925	-.000616	-.043431	.0049222	-.006836	.0013648
#2	-.004075	.001840	-.040441	.0094599	-.012063	.0027154
#3	-.004124	.005996	-.042576	.0078811	-.005688	.0010040

Elem	Li6707
Units	ppm
Avg	F -.022009
Stddev	.001986
%RSD	9.024434
#1	-.024206
#2	-.020342
#3	-.021478

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1870.272	23089.82	2152.026	1616.045	2425.887
Stddev	10.847	241.69	205.874	19.698	17.997
%RSD	.5799847	1.046731	9.566531	1.218929	.7418570
#1	1869.911	22812.27	2350.996	1593.420	2428.252
#2	1881.295	23203.35	1939.880	1629.389	2442.584
#3	1859.609	23253.85	2165.202	1625.325	2406.825

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV016 Acquired: 12/14/2024 14:26:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.878935**	**5.182653**	**24.30905**	**4.703120**	**4.729909**	**414.1476**	**10.53169**
Stddev	.005342	.113706	.53434	.115864	.118738	.7647	.03226
%RSD	.1095006	2.193980	2.198115	2.463561	2.510365	.1846492	.3063567
#1	4.880870	5.313476	24.92602	4.836823	4.866428	414.9976	10.56633
#2	4.872895	5.126888	24.00578	4.632143	4.672638	413.9297	10.50250
#3	4.883040	5.107594	23.99534	4.640393	4.650662	413.5155	10.52624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4729012**	**2.413583**	**406.5910**	**15.04010**	**2.340935**	**15.18267**	**413.5817**
Stddev	.0038272	.052513	.3526	.38683	.052712	.04111	.5213
%RSD	.8093043	2.175724	.0867124	2.571970	2.251771	.2707706	.1260360
#1	.4766786	2.474210	406.8749	15.48091	2.401774	15.22003	414.0993
#2	.4690261	2.384192	406.7017	14.88215	2.312117	15.18935	413.0569
#3	.4729989	2.382346	406.1963	14.75725	2.308914	15.13862	413.5889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.14344**	**388.1887**	**2.421997**	**1.267878**	**402.6511**	**2.531064**	**14.50389**
Stddev	.02883	.5103	.056433	.030933	.6973	.015282	.26211
%RSD	.1903541	.1314652	2.330010	2.439764	.1731659	.6037637	1.807179
#1	15.16617	388.7030	2.487152	1.303054	403.0085	2.547557	14.80249
#2	15.11102	387.6825	2.390289	1.255661	403.0971	2.528250	14.39737
#3	15.15315	388.1806	2.388550	1.244919	401.8476	2.517385	14.31180

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**153.4072**	**4.914140**	**4.650521**	**4.895045**	**4.813028**	**4.894852**	**4.999892**
Stddev	.7040	.105798	.037424	.128435	.111873	.054063	.106086
%RSD	.4589010	2.152936	.8047175	2.623772	2.324379	1.104493	2.121771
#1	153.3345	5.036239	4.682140	5.043250	4.942178	4.947904	5.122389
#2	152.7423	4.849593	4.609203	4.825624	4.750875	4.839831	4.939042
#3	154.1447	4.856590	4.660221	4.816260	4.746031	4.896821	4.938245

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV016 Acquired: 12/14/2024 14:26:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV016 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.119405	4.718115	5.243909
Stddev	.014591	.011290	.001109
%RSD	.2850144	.2392867	.0211506
#1	5.136175	4.729140	5.245188
#2	5.109621	4.706578	5.243208
#3	5.112417	4.718626	5.243332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.661	21607.59	2146.234	1416.751	2205.991
Stddev	40.857	525.50	7.783	30.464	46.527
%RSD	2.549349	2.431993	.3626319	2.150282	2.109137
#1	1555.719	21032.54	2137.368	1382.025	2152.377
#2	1622.053	21727.38	2151.940	1429.253	2229.815
#3	1630.211	22062.85	2149.394	1438.975	2235.782

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB016 Acquired: 12/14/2024 14:30:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002523**	**-.002306**	**.0044963**	**.0052615**	**-.001431**	**.0024351**	**-.001926**
Stddev	.0028941	.001650	.0013732	.0043076	.003361	.0221865	.000467
%RSD	1146.968	71.53220	30.54154	81.86938	234.8535	911.1084	24.22831
#1	.0035902	-.003964	.0037476	.0002914	-.005222	.0229270	-.001486
#2	-.001558	-.000665	.0036600	.0075779	-.000253	-.021126	-.002416
#3	-.001275	-.002289	.0060811	.0079153	.001182	.005505	-.001877

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000164**	**-.000078**	**-.006890**	**.0000067**	**-.000093**	**-.005075**	**.0326240**
Stddev	.0000931	.000103	.060088	.0003906	.000447	.003170	.0435024
%RSD	568.9294	131.2174	872.0505	5802.157	482.5812	62.46646	133.3446
#1	-.000042	-.000177	-.020269	.0001409	-.000454	-.003171	.0814821
#2	.000124	.000028	.058759	.0003126	-.000232	-.003319	.0183005
#3	-.000032	-.000086	-.059162	-.000433	.000408	-.008734	-.001911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000036**	**.0671376**	**-.000444**	**.0018297**	**.1526063**	**-.005132**	**.0036121**
Stddev	.001775	.0866696	.000473	.0003893	.7657034	.004522	.0077141
%RSD	4967.690	129.0925	106.5606	21.27669	501.7507	88.11985	213.5609
#1	.001646	.0956334	-.000979	.0021439	-.431909	-.009927	.0036243
#2	-.001891	.1359717	-.000270	.0019511	-.129643	-.000943	-.004108
#3	.000138	-.030192	-.000082	.0013942	1.019371	-.004526	.011320

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4261645**	**-.002925**	**.0061134**	**.0003366**	**-.011811**	**-.037379**	**.0007399**
Stddev	.0835629	.001172	.0008963	.0001413	.004490	.001071	.0014238
%RSD	19.60813	40.05736	14.66109	41.99425	38.01461	2.865334	192.4175
#1	.4055450	-.004004	.0051092	.0002240	-.008598	-.037531	.0005776
#2	.5181068	-.003092	.0068324	.0002906	-.009894	-.038366	.0022379
#3	.3548416	-.001679	.0063985	.0004952	-.016941	-.036240	-.000596

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB016 Acquired: 12/14/2024 14:30:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB016 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001340	-.000042	-.012269
Stddev	.000970	.000312	.006031
%RSD	72.34282	738.3652	49.15850
#1	-.002058	.000073	-.017886
#2	-.001726	-.000395	-.005895
#3	-.000237	.000196	-.013026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.365	24450.73	2194.279	1700.430	2804.363
Stddev	20.934	564.42	17.504	42.676	33.003
%RSD	1.048614	2.308383	.7976934	2.509703	1.176859
#1	1992.724	24083.94	2186.650	1676.525	2796.794
#2	2018.880	24167.58	2181.885	1675.065	2840.494
#3	1977.490	25100.67	2214.302	1749.701	2775.802

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165290BL Acquired: 12/14/2024 14:34:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS290 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000187**	**.0000790**	**.0033051**	**.0014425**	**.0003773**	**.0081376**	**-.000978**
Stddev	.001416	.0002818	.0005636	.0016405	.0031598	.0139660	.000613
%RSD	757.6428	356.6118	17.05332	113.7293	837.5677	171.6228	62.71507
#1	-.000232	.0000734	.0039557	-.000438	-.000160	.0239966	-.000920
#2	.001251	.0003636	.0029643	.002185	-.002479	-.002325	-.001618
#3	-.001580	-.000200	.0029953	.002581	.003771	.002742	-.000396

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000343**	**-.000148**	**-.053079**	**-.000361**	**-.000012**	**-.016729**	**-.025524**
Stddev	.0000804	.000076	.019354	.000313	.000475	.001497	.018956
%RSD	234.4198	51.27470	36.46257	86.50955	3896.791	8.947518	74.26535
#1	.0000773	-.000134	-.032611	-.000125	-.000350	-.016665	-.005672
#2	-.000058	-.000231	-.055544	-.000716	.000531	-.015265	-.043433
#3	.000084	-.000080	-.071083	-.000243	-.000218	-.018256	-.027467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001867**	**.0051143**	**-.001012**	**.0022765**	**.4105547**	**-.008578**	**-.002028**
Stddev	.000526	.0798203	.000775	.0003317	.5766509	.005481	.008265
%RSD	28.18231	1560.740	76.58756	14.57179	140.4565	63.89836	407.6413
#1	-.001305	-.058927	-.001013	.0025407	-.255067	-.013620	.006254
#2	-.001949	.094540	-.001786	.0019042	.727963	-.002743	-.002060
#3	-.002347	-.020270	-.000236	.0023846	.758768	-.009372	-.010276

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2001354**	**-.001493**	**-.007358**	**.0006827**	**-.009179**	**-.039882**	**-.000295**
Stddev	.2014195	.001367	.000971	.0001482	.001228	.000617	.000838
%RSD	100.6416	91.52853	13.20201	21.70042	13.37578	1.546600	284.3142
#1	.3988104	-.003049	-.007812	.0007951	-.009112	-.039520	-.000370
#2	.2055166	-.000941	-.008020	.0007382	-.007986	-.039531	.000579
#3	-.003921	-.000489	-.006243	.0005148	-.010439	-.040594	-.001093

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165290BL Acquired: 12/14/2024 14:34:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS290 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**-.004473**	**.0001724**	**-.012477**
Stddev	.001852	.0001763	.001400
%RSD	41.39890	102.2844	11.22226
#1	-.003040	.0003404	-.012888
#2	-.006564	.0001880	-.010917
#3	-.003815	-.000011	-.013625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2026.653**	**23850.35**	**2222.539**	**1661.052**	**2843.682**
Stddev	47.599	892.15	26.742	60.528	68.266
%RSD	2.348633	3.740631	1.203199	3.643980	2.400632
#1	2075.930	23326.44	2192.731	1623.527	2914.321
#2	1980.932	23344.14	2244.423	1628.749	2778.066
#3	2023.099	24880.47	2230.464	1730.879	2838.659

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165290BS Acquired: 12/14/2024 14:38:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS290 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0195550**	**.0509739**	**.0197810**	**.0619940**	**.0939783**	**.4365417**
Stddev	.0039558	.0007478	.0022837	.0036028	.0012879	.0137343
%RSD	20.22926	1.467077	11.54496	5.811580	1.370453	3.146161
#1	.0167795	.0514656	.0171860	.0581156	.0953109	.4356638
#2	.0178010	.0513429	.0206724	.0626297	.0927402	.4232673
#3	.0240846	.0501133	.0214845	.0652366	.0938840	.4506938

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4194723**	**.0096538**	**.0091305**	**9.803750**	**.0199560**	**.0928985**
Stddev	.0084202	.0000770	.0001864	.259963	.0015036	.0015919
%RSD	2.007322	.7978698	2.041259	2.651673	7.534508	1.713590
#1	.4102162	.0095667	.0092294	9.527704	.0207425	.0935421
#2	.4215230	.0096816	.0089155	9.839646	.0209032	.0910856
#3	.4266777	.0097130	.0092466	10.04390	.0182223	.0940679

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0441284**	**.1911338**	**.0315142**	**9.891207**	**.0736091**	**.0225185**
Stddev	.0083635	.0168704	.0006475	.241615	.0012527	.0009596
%RSD	18.95263	8.826468	2.054517	2.442729	1.701836	4.261258
#1	.0397584	.2103397	.0319728	9.639740	.0742366	.0214785
#2	.0388551	.1843518	.0307736	9.912291	.0721667	.0233695
#3	.0537716	.1787098	.0317962	10.12159	.0744241	.0227075

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.09377**	**.1091581**	**.1069273**	**10.17937**	**.0150437**	F **-.010091**
Stddev	.59003	.0062727	.0076060	.46145	.0020704	.003248
%RSD	5.845534	5.746463	7.113239	4.533166	13.76287	32.18575
#1	9.58515	.1120947	.1127624	9.67175	.0172874	-.006443
#2	10.74066	.1019557	.0983251	10.29290	.0132070	-.011160
#3	9.95549	.1134238	.1096942	10.57346	.0146366	-.012669

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165290BS Acquired: 12/14/2024 14:38:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS290 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184350	.1590362	F .4622521	.0124539	.1991709	.2038010
Stddev	.0001976	.0062248	.0098730	.0014268	.0017863	.0043378
%RSD	1.072116	3.914109	2.135854	11.45663	.8968952	2.128455
#1	.0183657	.1611188	.4521933	.0137325	.1971121	.1992263
#2	.0182814	.1520371	.4626348	.0109148	.2003100	.2043218
#3	.0186580	.1639527	.4719282	.0127145	.2000905	.2078549

Elem	Li6707
Units	ppm
Avg	F .0137504
Stddev	.0028156
%RSD	20.47624
#1	.0110762
#2	.0166888
#3	.0134863

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1974.606	24324.78	2256.985	1686.763	2760.950
Stddev	33.054	84.67	44.918	8.693	48.200
%RSD	1.673939	.3480906	1.990192	.5153903	1.745790
#1	1953.793	24257.95	2301.248	1677.390	2728.680
#2	2012.719	24420.00	2258.268	1694.561	2816.357
#3	1957.305	24296.39	2211.439	1688.337	2737.815

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165264BL Acquired: 12/14/2024 14:42:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS264 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003787**	**-.005313**	**.0013105**	**.0035587**	**-.000012**	**.0180626**
Stddev	.001058	.001170	.0018486	.0056308	.001323	.0235076
%RSD	27.95028	22.02361	141.0596	158.2257	11149.57	130.1452
#1	-.002903	-.005387	-.000169	.0096642	.001398	-.003206
#2	-.003497	-.004108	.000718	-.001430	-.000207	.014091
#3	-.004960	-.006445	.003383	.002442	-.001227	.043303

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001740**	**.0000526**	**-.000199**	**-.073386**	**.0000434**	**-.000293**
Stddev	.001427	.0000857	.000089	.046576	.0007201	.000099
%RSD	81.98975	162.8339	45.03088	63.46719	1658.192	33.86066
#1	-.003363	-.000044	-.000120	-.063204	-.000780	-.000212
#2	-.001172	.000084	-.000180	-.032743	.000554	-.000263
#3	-.000685	.000118	-.000296	-.124211	.000357	-.000403

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008544**	**.0304584**	**-.000223**	**-.001402**	**-.000377**	**.0007709**
Stddev	.001283	.0199522	.001305	.018255	.000453	.0003950
%RSD	15.01159	65.50637	585.3765	1302.024	120.2173	51.23222
#1	-.008944	.0181706	-.001702	.019165	.000121	.0005345
#2	-.007109	.0534797	.000267	-.007685	-.000488	.0005514
#3	-.009579	.0197248	.000766	-.015686	-.000765	.0012269

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.261164**	**.0087521**	**-.001108**	**.2502639**	**-.001954**	**-.012713**
Stddev	.433169	.0039855	.002777	.0373171	.000689	.000096
%RSD	165.8608	45.53699	250.5986	14.91108	35.25724	.7556863
#1	-.363541	.0115891	.001300	.2304067	-.001468	-.012693
#2	-.633974	.0041956	-.000478	.2933110	-.001653	-.012628
#3	.214022	.0104718	-.004146	.2270741	-.002743	-.012817

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165264BL Acquired: 12/14/2024 14:42:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS264 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006512	-.011536	-.039525	-.000521	-.000461	-.000043
Stddev	.0004139	.001036	.000208	.001056	.003829	.000120
%RSD	63.55975	8.984156	.5253475	202.8003	830.1653	280.4299
#1	.0006846	-.010351	-.039456	-.000831	-.004135	.000079
#2	.0010474	-.011985	-.039759	.000655	.003506	-.000047
#3	.0002216	-.012272	-.039361	-.001386	-.000754	-.000161

Elem	Li6707
Units	ppm
Avg	F -.021363
Stddev	.002865
%RSD	13.40987
#1	-.021872
#2	-.023939
#3	-.018278

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.430	24360.90	2217.588	1692.920	2780.086
Stddev	4.107	42.75	10.527	12.798	7.735
%RSD	.2077738	.1754840	.4747066	.7559751	.2782215
#1	1978.971	24315.78	2228.514	1690.801	2781.782
#2	1971.692	24366.14	2216.738	1681.314	2771.644
#3	1978.626	24400.79	2207.512	1706.645	2786.832

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165264BS Acquired: 12/14/2024 14:46:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS264 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0218940**	**.0506293**	**.0203557**	**.0575417**	**.0935293**	**.4438602**
Stddev	.0044012	.0029488	.0042265	.0015075	.0019244	.0081211
%RSD	20.10226	5.824210	20.76314	2.619749	2.057542	1.829658
#1	.0183197	.0473259	.0234456	.0571403	.0957230	.4344887
#2	.0268099	.0515660	.0155393	.0592092	.0927389	.4482568
#3	.0205526	.0529959	.0220823	.0562755	.0921259	.4488351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4217166**	**.0097365**	**.0088611**	**9.812976**	**.0194528**	**.0896776**
Stddev	.0007611	.0001394	.0001921	.030671	.0007879	.0008250
%RSD	.1804692	1.431399	2.167470	.3125524	4.050248	.9199716
#1	.4223269	.0098958	.0090273	9.825641	.0189601	.0901451
#2	.4208638	.0096769	.0086508	9.778001	.0203615	.0887250
#3	.4219590	.0096369	.0089051	9.835287	.0190367	.0901627

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0480123**	**.2014647**	**.0313875**	**10.01646**	**.0706251**	**.0216822**
Stddev	.0093384	.0345139	.0007766	.06790	.0008827	.0009448
%RSD	19.44991	17.13147	2.474265	.6778650	1.249902	4.357303
#1	.0446464	.2362035	.0322787	10.07400	.0715192	.0218321
#2	.0408235	.1671802	.0308556	10.03380	.0697541	.0206714
#3	.0585670	.2010105	.0310282	9.94157	.0706021	.0225430

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.21046**	**.1107760**	**.1099752**	**10.06394**	**.0173440**	F **-.015321**
Stddev	.38100	.0054735	.0050100	.17522	.0004004	.000367
%RSD	3.731489	4.941041	4.555539	1.741035	2.308572	2.397492
#1	10.14348	.1169040	.1154340	9.91537	.0173262	-.015519
#2	10.62051	.1063721	.1089044	10.01928	.0169528	-.015547
#3	9.86739	.1090520	.1055873	10.25716	.0177530	-.014897

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165264BS Acquired: 12/14/2024 14:46:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS264 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174721	.1535283	F .4641102	.0117210	.1992711	.2061236
Stddev	.0003276	.0031729	.0046562	.0011405	.0013386	.0006179
%RSD	1.874957	2.066635	1.003254	9.730454	.6717568	.2997563
#1	.0172352	.1550867	.4675858	.0108701	.1989933	.2066380
#2	.0173352	.1498776	.4588199	.0112760	.1980931	.2054382
#3	.0178459	.1556206	.4659250	.0130169	.2007268	.2062945

Elem	Li6707
Units	ppm
Avg	F .0148331
Stddev	.0014718
%RSD	9.922624
#1	.0145205
#2	.0135427
#3	.0164362

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.584	24500.60	2229.852	1702.269	2836.839
Stddev	23.041	91.85	15.119	5.864	39.937
%RSD	1.140302	.3748981	.6780266	.3445028	1.407783
#1	2002.166	24448.91	2217.633	1695.511	2804.533
#2	2046.420	24606.65	2246.760	1706.022	2881.490
#3	2013.165	24446.24	2225.162	1705.273	2824.493

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165282BL Acquired: 12/14/2024 14:50:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS282 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004834**	**-.000976**	**-.000770**	**.0034460**	**.0011453**	**.0114715**
Stddev	.002906	.000774	.001011	.0006440	.0006424	.0178563
%RSD	60.11797	79.30698	131.3188	18.68845	56.09509	155.6580
#1	-.008035	-.000169	-.001026	.0040334	.0017218	.0293084
#2	-.002363	-.001046	-.001629	.0035473	.0004528	.0115104
#3	-.004103	-.001712	.000344	.0027574	.0012612	-.006404

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000826**	**-.000001**	**-.000177**	**.0114681**	**.0002813**	**-.000087**
Stddev	.000448	.000083	.000144	.0400214	.0006199	.000318
%RSD	54.22225	14015.63	81.41949	348.9789	220.3223	363.8968
#1	-.000878	-.000090	-.000197	-.026856	.0006512	-.000240
#2	-.001245	.000075	-.000024	.008266	.0006272	-.000300
#3	-.000354	.000014	-.000309	.052995	-.000434	.000278

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008485**	**-.002443**	**-.001230**	**-.020436**	**-.001126**	**.0020342**
Stddev	.006686	.023612	.001623	.065518	.000541	.0005892
%RSD	78.79594	966.5518	131.9574	320.6007	48.04455	28.96534
#1	-.016129	.024811	.000059	-.046902	-.001454	.0024012
#2	-.005597	-.015404	-.003052	-.068581	-.000501	.0023468
#3	-.003729	-.016735	-.000696	.054175	-.001422	.0013546

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0668304**	**.0035389**	**-.000297**	**.2934408**	**-.001594**	**-.014311**
Stddev	.6343157	.0071205	.005963	.2326876	.002751	.001442
%RSD	949.1420	201.2059	2006.569	79.29626	172.5231	10.07809
#1	.1436532	.0034944	-.001050	.0505208	-.004673	-.014422
#2	-.602398	-.003559	.006007	.3154729	.000623	-.012817
#3	.659236	.010682	-.005848	.5143288	-.000733	-.015695

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165282BL Acquired: 12/14/2024 14:50:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS282 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004901	-.010188	-.038175	-.001035	-.004177	.0000372
Stddev	.0003929	.004973	.000526	.001534	.001333	.0002181
%RSD	80.18077	48.81489	1.378454	148.1809	31.91414	586.7683
#1	.0004118	-.007042	-.038731	-.001435	-.004984	-.000095
#2	.0001422	-.015922	-.038111	-.002329	-.004908	-.000083
#3	.0009162	-.007600	-.037684	.000659	-.002638	.000289

Elem	Li6707
Units	ppm
Avg	F -.019112
Stddev	.002530
%RSD	13.23701
#1	-.018721
#2	-.021815
#3	-.016801

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.843	24600.49	2203.958	1713.538	2757.494
Stddev	37.314	211.15	17.751	24.464	57.611
%RSD	1.903940	.8583363	.8054107	1.427675	2.089266
#1	2002.008	24618.69	2217.218	1721.290	2822.370
#2	1946.437	24801.96	2183.792	1733.187	2737.798
#3	1931.083	24380.83	2210.863	1686.138	2712.313

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165282BS Acquired: 12/14/2024 14:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS282 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0161412**	**.0501214**	**.0215684**	**.0564678**	**.0976043**	**.4387595**
Stddev	.0046487	.0025218	.0019734	.0017624	.0058437	.0233565
%RSD	28.80024	5.031414	9.149482	3.121150	5.987163	5.323309
#1	.0185626	.0522259	.0193137	.0577224	.1041744	.4430442
#2	.0190794	.0473262	.0224102	.0544528	.0929871	.4596770
#3	.0107816	.0508122	.0229813	.0572282	.0956513	.4135572

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4317288**	**.0100177**	**.0091666**	**10.06255**	**.0203277**	**.0923105**
Stddev	.0010883	.0001424	.0001084	.02323	.0007962	.0009903
%RSD	.2520721	1.421164	1.183113	.2308218	3.917032	1.072775
#1	.4323415	.0099203	.0092916	10.03575	.0207188	.0927121
#2	.4323726	.0101811	.0091106	10.07691	.0208527	.0930369
#3	.4304723	.0099518	.0090976	10.07499	.0194115	.0911825

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0411683**	**.2460587**	**.0332195**	**10.22587**	**.0740161**	**.0220407**
Stddev	.0077452	.0142977	.0018668	.14046	.0010293	.0006272
%RSD	18.81352	5.810663	5.619553	1.373599	1.390592	2.845830
#1	.0501092	.2622949	.0353541	10.37148	.0751966	.0227018
#2	.0365136	.2405317	.0318924	10.21494	.0733067	.0219663
#3	.0368822	.2353496	.0324120	10.09119	.0735450	.0214539

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.76724**	**.1090024**	**.1155138**	**10.38898**	**.0187991**	F **-.015133**
Stddev	.32171	.0050603	.0049508	.07636	.0010905	.000085
%RSD	2.987842	4.642355	4.285922	.7350349	5.800588	.5613266
#1	11.12849	.1031740	.1169990	10.35284	.0195829	-.015205
#2	10.51166	.1122754	.1099904	10.47670	.0175537	-.015039
#3	10.66157	.1115577	.1195521	10.33739	.0192604	-.015154

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165282BS Acquired: 12/14/2024 14:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS282 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189695	.1602890	F .4757691	.0115178	.2066332	.2096355
Stddev	.0002737	.0037860	.0018032	.0003212	.0007096	.0003822
%RSD	1.442717	2.361954	.3790131	2.788642	.3434074	.1823314
#1	.0188836	.1645953	.4737281	.0111483	.2061670	.2099787
#2	.0187490	.1587879	.4771465	.0117296	.2062828	.2092236
#3	.0192758	.1574837	.4764328	.0116756	.2074498	.2097042

Elem	Li6707
Units	ppm
Avg	F .0111877
Stddev	.0028010
%RSD	25.03677
#1	.0097411
#2	.0144162
#3	.0094057

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.381	24520.89	2225.632	1698.348	2800.804
Stddev	18.382	130.37	11.482	8.363	25.578
%RSD	.9193629	.5316571	.5159175	.4923943	.9132221
#1	1978.963	24625.10	2218.828	1700.060	2771.857
#2	2004.570	24562.87	2238.889	1705.722	2810.199
#3	2014.610	24374.70	2219.178	1689.262	2820.355

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165262BL Acquired: 12/14/2024 14:58:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS262 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001028**	k **-.003959**	**-.000237**	**.0029894**	k **.0011837**	**.0317358**
Stddev	.003731	.001322	.001692	.0061589	.0021269	.0112778
%RSD	362.9912	33.38367	712.8194	206.0205	179.6895	35.53659
#1	.002901	k -.005098	-.001403	.0023120	k -.000440	.0227410
#2	-.004524	-.004269	-.001013	-.002803	.003591	.0280779
#3	-.001461	-.002510	.001703	.009459	.000400	.0443886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001254**	**-.000014**	k **-.000075**	**.0000327**	s **-.000083**	**-.000183**
Stddev	.000132	.000124	.000070	.0234539	.000786	.000036
%RSD	10.51538	878.4951	92.58523	71840.32	946.8771	19.81457
#1	-.001199	-.000037	k -.000008	.0269749	s .000733	-.000208
#2	-.001160	.000120	-.000070	-.015820	-.000146	-.000200
#3	-.001405	-.000125	-.000147	-.011057	-.000835	-.000142

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.014176**	**.0161340**	**-.001249**	**.0595732**	**-.000674**	s **.0004498**
Stddev	.006882	.0250098	.000060	.0092008	.000326	.0023440
%RSD	48.55079	155.0129	4.841941	15.44456	48.28252	521.1014
#1	-.016975	.0361377	-.001221	.0555192	-.000484	s -.002220
#2	-.019217	-.011906	-.001207	.0701049	-.001050	.002172
#3	-.006335	.024170	-.001318	.0530956	-.000489	.001397

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2762227**	k **.0033307**	**-.001649**	**.3526631**	**-.001520**	k **-.014517**
Stddev	.5499553	.0055424	.003585	.4683254	.002537	.001184
%RSD	199.0985	166.4045	217.3712	132.7968	166.8744	8.155392
#1	.7426224	k .0089485	-.000280	.6222527	-.002872	k -.013157
#2	.4162577	-.002133	-.005718	.6238483	.001406	-.015313
#3	-.330212	.003177	.001049	-.188112	-.003095	-.015082

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165262BL Acquired: 12/14/2024 14:58:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS262 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008324	-.012346	-.040695	-.002564	-.002911	-.000108
Stddev	.0007225	.002411	.001425	.000540	.001965	.000255
%RSD	86.80093	19.52893	3.502512	21.08034	67.48931	236.1959
#1	.0000033	-.009602	-.039294	-.002252	-.004529	-.000396
#2	.0011667	-.013310	-.040648	-.003188	-.003479	-.000015
#3	.0013273	-.014125	-.042144	-.002251	-.000725	.000087

Elem	Li6707
Units	ppm
Avg	F -.019714
Stddev	.002258
%RSD	11.45372
#1	-.017817
#2	-.022212
#3	-.019114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.157	^ *****	2327.233	1712.642	2818.150
Stddev	68.109	-----	292.374	113.933	96.178
%RSD	3.401760	-----	12.56317	6.652471	3.412821
#1	2080.287	^ -----	2141.511	1838.624	2929.063
#2	1955.307	23272.21	2175.937	1616.830	2757.792
#3	1970.877	24317.97	2664.253	1682.474	2767.594

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165262BS Acquired: 12/14/2024 15:02:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS262 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0193468**	**.0473414**	**.0192860**	**.0543288**	**.0930311**	**.4329336**
Stddev	.0036715	.0025401	.0012507	.0027491	.0041394	.0216868
%RSD	18.97742	5.365425	6.484884	5.060179	4.449428	5.009262
#1	.0228738	.0478604	.0206374	.0514432	.0947768	.4336309
#2	.0155461	.0495819	.0190513	.0569173	.0960117	.4542633
#3	.0196206	.0445819	.0181693	.0546260	.0883049	.4109066

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4240278**	**.0096093**	**.0087891**	**9.773136**	**.0186721**	**.0878029**
Stddev	.0006423	.0000885	.0002922	.062960	.0015322	.0022272
%RSD	.1514764	.9205433	3.324349	.6442112	8.205659	2.536598
#1	.4246176	.0096320	.0090360	9.845143	.0180431	.0889914
#2	.4241222	.0096842	.0088648	9.745805	.0204187	.0891837
#3	.4233435	.0095117	.0084665	9.728461	.0175546	.0852335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0493430**	**.1867350**	**.0308636**	**9.950959**	**.0697333**	**.0220313**
Stddev	.0025379	.0036410	.0013376	.060503	.0021095	.0009658
%RSD	5.143443	1.949839	4.334036	.6080151	3.025148	4.383530
#1	.0509842	.1909301	.0295799	9.999026	.0712366	.0212493
#2	.0464198	.1848773	.0322493	9.970834	.0706415	.0231108
#3	.0506250	.1843974	.0307615	9.883019	.0673218	.0217338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.49950**	**.1114559**	**.1004414**	**10.21293**	**.0168885**	F **-.015769**
Stddev	.37820	.0031217	.0114080	.12184	.0026627	.001232
%RSD	3.602070	2.800810	11.35787	1.193002	15.76614	7.813652
#1	10.32934	.1147950	.1128130	10.35010	.0141220	-.016665
#2	10.93289	.1086105	.0981735	10.11727	.0194335	-.016278
#3	10.23627	.1109622	.0903377	10.17142	.0171100	-.014364

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165262BS Acquired: 12/14/2024 15:02:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS262 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179737	.1517892	F .4614228	.0106894	.2014779	.2047534
Stddev	.0005877	.0035939	.0049043	.0009008	.0028691	.0008136
%RSD	3.269924	2.367675	1.062866	8.427214	1.424049	.3973445
#1	.0184013	.1539224	.4658045	.0110869	.2006068	.2054354
#2	.0182162	.1538053	.4623388	.0096582	.1991452	.2038529
#3	.0173035	.1476399	.4561251	.0113231	.2046816	.2049720

Elem	Li6707
Units	ppm
Avg	F .0087729
Stddev	.0039712
%RSD	45.26650
#1	.0076875
#2	.0054573
#3	.0131739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.239	24527.95	2237.338	1707.109	2842.053
Stddev	46.294	55.72	16.246	5.195	71.087
%RSD	2.291533	.2271532	.7261428	.3043365	2.501241
#1	1989.649	24473.05	2221.077	1702.360	2793.697
#2	1997.568	24584.45	2237.367	1712.658	2808.789
#3	2073.499	24526.36	2253.570	1706.309	2923.673

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165263BL Acquired: 12/14/2024 15:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS263 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003837**	**-.003655**	**.0015765**	**.0018328**	**-.002504**	**.0137156**
Stddev	.004005	.001516	.0016961	.0035435	.004033	.0304018
%RSD	104.3825	41.48351	107.5845	193.3361	161.0740	221.6592
#1	.000449	-.003136	.0016517	.0013661	.000708	.0408029
#2	-.004475	-.005362	.0032339	-.001454	-.001190	.0195104
#3	-.007484	-.002466	-.000156	.005587	-.007030	-.019167

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001652**	**-.000064**	**-.000161**	**-.004921**	**-.000163**	**-.000088**
Stddev	.001008	.000082	.000039	.011761	.000295	.000122
%RSD	61.00749	127.1912	23.99180	239.0200	180.6915	138.1740
#1	-.000537	-.000011	-.000118	-.009235	.000014	.000038
#2	-.001923	-.000158	-.000174	.008389	.000000	-.000204
#3	-.002497	-.000024	-.000192	-.013916	-.000503	-.000098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.010164**	**.0043084**	**-.000108**	**.0265386**	**-.000565**	**.0010654**
Stddev	.009506	.0238160	.001491	.0851861	.000506	.0002298
%RSD	93.53161	552.7791	1386.548	320.9892	89.54890	21.56566
#1	-.021140	.0017665	-.001037	.0301232	-.000328	.0012839
#2	-.004572	-.018135	.001613	-.060383	-.000220	.0008258
#3	-.004779	.029293	-.000899	.109876	-.001145	.0010864

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.136056**	**-.001490**	**.0040284**	**.1643866**	**-.002370**	**-.016951**
Stddev	.488820	.012988	.0051623	.2224832	.001042	.003128
%RSD	359.2788	871.9066	128.1459	135.3415	43.95356	18.45313
#1	.072451	.008965	.0044247	.3098555	-.001303	-.020476
#2	-.694554	-.016029	-.001321	.2750312	-.003385	-.014507
#3	.213936	.002595	.008981	-.091727	-.002422	-.015870

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165263BL Acquired: 12/14/2024 15:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS263 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008611	-.012890	-.038033	-.001719	-.000465	-.000029
Stddev	.0001584	.002365	.005662	.001083	.002297	.000183
%RSD	18.39357	18.34571	14.88636	63.03300	493.8512	639.9805
#1	.0007215	-.015061	-.031508	-.001965	.002099	.000171
#2	.0008285	-.010370	-.041648	-.000533	-.001161	-.000189
#3	.0010332	-.013239	-.040944	-.002657	-.002334	-.000068

Elem	Li6707
Units	ppm
Avg	F -.022162
Stddev	.002377
%RSD	10.72589
#1	-.024888
#2	-.020522
#3	-.021076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.448	25704.08	2221.937	1783.845	2783.632
Stddev	31.285	412.88	13.676	28.384	60.002
%RSD	1.585317	1.606285	.6154981	1.591143	2.155531
#1	1984.604	25675.78	2206.848	1779.599	2813.985
#2	1997.627	26130.39	2225.450	1814.112	2822.394
#3	1938.114	25306.08	2233.514	1757.823	2714.518

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165263BS Acquired: 12/14/2024 15:10:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS263 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0228008**	**.0484206**	**.0227179**	**.0589397**	**.0938626**	**.4367600**
Stddev	.0011756	.0005863	.0007058	.0029631	.0015499	.0061710
%RSD	5.156040	1.210827	3.106847	5.027321	1.651216	1.412902
#1	.0219378	.0484253	.0226350	.0569327	.0922043	.4297844
#2	.0241397	.0478319	.0220572	.0575435	.0941092	.4389878
#3	.0223248	.0490044	.0234615	.0623429	.0952744	.4415077

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4144722**	**.0097403**	**.0088087**	**9.749015**	**.0190349**	**.0904225**
Stddev	.0015594	.0000380	.0001732	.098946	.0005638	.0029098
%RSD	.3762453	.3901750	1.965620	1.014936	2.962176	3.217974
#1	.4126953	.0097297	.0086430	9.634763	.0193173	.0870662
#2	.4151079	.0097088	.0089884	9.806605	.0194019	.0922373
#3	.4156133	.0097825	.0087948	9.805676	.0183857	.0919638

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0467351**	**.2202377**	**.0314752**	**9.932701**	**.0708742**	**.0212567**
Stddev	.0060386	.0250377	.0014681	.040367	.0020075	.0003989
%RSD	12.92083	11.36850	4.664194	.4064010	2.832521	1.876719
#1	.0400442	.2018277	.0303080	9.923402	.0686714	.0210184
#2	.0517800	.2487480	.0331235	9.897796	.0713504	.0217173
#3	.0483812	.2101375	.0309942	9.976906	.0726009	.0210345

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.76185**	**.1034491**	**.1068509**	**10.00838**	**.0189991**	F **-.017217**
Stddev	.76298	.0067716	.0043228	.03373	.0004420	.000600
%RSD	7.089656	6.545834	4.045633	.3369688	2.326241	3.484046
#1	11.49243	.0961439	.1056578	9.99231	.0188392	-.017224
#2	9.97015	.1095163	.1116449	9.98568	.0186594	-.017813
#3	10.82296	.1046871	.1032499	10.04713	.0194988	-.016613

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: PB165263BS Acquired: 12/14/2024 15:10:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS263 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177486	.1482872	F .4532528	.0107124	.1960823	.2027091
Stddev	.0009533	.0025636	.0031938	.0005228	.0027097	.0007739
%RSD	5.370833	1.728820	.7046314	4.880352	1.381893	.3818002
#1	.0169350	.1453356	.4495741	.0109227	.1957841	.2018268
#2	.0175134	.1495678	.4553168	.0110972	.1989288	.2032734
#3	.0187975	.1499583	.4548676	.0101172	.1935341	.2030269

Elem	Li6707
Units	ppm
Avg	F .0113008
Stddev	.0045369
%RSD	40.14702
#1	.0095101
#2	.0164597
#3	.0079324

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.319	24813.78	2238.725	1718.072	2802.326
Stddev	47.826	96.62	8.126	3.994	68.721
%RSD	2.388515	.3893755	.3629880	.2324606	2.452289
#1	2056.081	24828.33	2247.389	1717.831	2880.949
#2	1986.373	24902.31	2237.514	1722.181	2772.314
#3	1964.503	24710.72	2231.273	1714.204	2753.716

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-19 Acquired: 12/14/2024 15:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586378	.0206163	.6889534	-.010874	.0213603	91.60452	1.057044
Stddev	.0032218	.0021942	.0139489	.003996	.0025490	1.38093	.016234
%RSD	5.494331	10.64323	2.024650	36.74893	11.93331	1.507496	1.535757
#1	.0623568	.0199478	.6999413	-.015436	.0200866	90.01809	1.038351
#2	.0568588	.0188340	.6936585	-.009199	.0196992	92.53710	1.067592
#3	.0566979	.0230670	.6732603	-.007988	.0242951	92.25836	1.065191

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072673	.0079411	618.8985	.1442254	.1169305	.2123101	194.3774
Stddev	.0000804	.0002503	9.9361	.0020250	.0029712	.0066574	3.2886
%RSD	1.106151	3.151733	1.605455	1.404052	2.541010	3.135712	1.691842
#1	.0071769	.0081847	607.5680	.1462988	.1189013	.2188246	190.5957
#2	.0072939	.0079539	626.1261	.1441250	.1183772	.2125872	196.5661
#3	.0073310	.0076846	623.0015	.1422525	.1135130	.2055184	195.9705

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.711761	251.0174	.2468273	-.011871	.6149839	.1816094	1.454822
Stddev	.106557	4.0497	.0067604	.001001	.3144769	.0088281	.014400
%RSD	1.865567	1.613331	2.738906	8.434269	51.13580	4.861014	.9897829
#1	5.588838	246.3574	.2521176	-.012716	.8437731	.1822737	1.462486
#2	5.777878	253.6847	.2491534	-.010765	.2563817	.1724680	1.438211
#3	5.768568	253.0102	.2392111	-.012132	.7447969	.1900866	1.463768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90694	7.425131	-.022621	.0035696	9.646201	13.49524	.0397831
Stddev	.25268	.187906	.002582	.0003819	.243327	.15237	.0008701
%RSD	1.695022	2.530670	11.41473	10.69939	2.522521	1.129071	2.187006
#1	14.62955	7.575158	-.024416	.0032903	9.839897	13.32127	.0407428
#2	15.12397	7.485864	-.019662	.0040048	9.725618	13.60497	.0390459
#3	14.96729	7.214370	-.023787	.0034137	9.373087	13.55947	.0395605

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-19 Acquired: 12/14/2024 15:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9530701	.5824641	.1371887
Stddev	.0172313	.0106969	.0030553
%RSD	1.807981	1.836494	2.227049
#1	.9343594	.5701125	.1375434
#2	.9682865	.5885802	.1400512
#3	.9565645	.5886995	.1339716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2019.229	24387.13	2350.606	1681.671	2317.215
Stddev	45.815	240.33	23.392	12.576	58.698
%RSD	2.268937	.9854820	.9951353	.7477999	2.533122
#1	1984.578	24125.08	2375.053	1667.740	2270.099
#2	2001.935	24439.04	2328.436	1685.089	2298.577
#3	2071.174	24597.26	2348.328	1692.185	2382.969

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-20 Acquired: 12/14/2024 15:18:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571902	.0194879	.6844833	-.011103	.0262936	90.11183	1.039132
Stddev	.0073490	.0024303	.0106343	.005121	.0039247	5.57252	.063364
%RSD	12.85014	12.47078	1.553631	46.11961	14.92652	6.184003	6.097802
#1	.0645320	.0166879	.6967268	-.005937	.0308244	96.29027	1.110005
#2	.0572045	.0210497	.6791756	-.011196	.0239433	88.57923	1.019435
#3	.0498340	.0207261	.6775476	-.016177	.0241130	85.46598	.987955

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072413	.0076099	611.0607	.1381475	.1161777	.2013903	191.5674
Stddev	.0004660	.0000763	38.2950	.0037036	.0028268	.0074135	11.7490
%RSD	6.434641	1.003155	6.266978	2.680876	2.433203	3.681186	6.133084
#1	.0077628	.0075217	653.7980	.1407882	.1194412	.2098644	204.7146
#2	.0070951	.0076544	599.5234	.1397403	.1144891	.1961031	187.8923
#3	.0068659	.0076535	579.8608	.1339140	.1146028	.1982034	182.0952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.621558	247.9867	.2448287	-.011152	.6565595	.1764346	1.396122
Stddev	.339999	14.7881	.0028955	.000972	.4088371	.0078125	.028550
%RSD	6.048130	5.963265	1.182653	8.712327	62.26963	4.428006	2.044928
#1	6.000992	264.1547	.2478444	-.010455	.6141912	.1844760	1.421311
#2	5.519148	244.6605	.2445709	-.010739	.2705564	.1688730	1.401946
#3	5.344536	235.1450	.2420707	-.012262	1.084931	.1759550	1.365110

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.71027	7.342925	-.013555	.0029567	9.590038	13.27335	.0354363
Stddev	.92776	.102913	.007589	.0006715	.126233	.67911	.0018965
%RSD	6.306914	1.401527	55.98439	22.71068	1.316292	5.116305	5.351832
#1	15.74784	7.454218	-.007023	.0027837	9.730884	14.02080	.0365134
#2	14.42243	7.323353	-.011764	.0036977	9.552117	13.10500	.0332465
#3	13.96055	7.251203	-.021880	.0023886	9.487112	12.69426	.0365490

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-20 Acquired: 12/14/2024 15:18:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9375013	.5730142	.1321969
Stddev	.0521183	.0352410	.0085186
%RSD	5.559279	6.150107	6.443889
#1	.9957873	.6122798	.1404007
#2	.9213341	.5626329	.1327950
#3	.8953825	.5441301	.1233950

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2057.706	25401.54	2391.397	1754.695	2357.438
Stddev	19.013	482.55	112.084	31.353	29.180
%RSD	.9240027	1.899680	4.686985	1.786800	1.237784
#1	2036.853	24983.26	2267.302	1732.260	2324.852
#2	2062.183	25291.88	2421.611	1741.305	2366.311
#3	2074.080	25929.48	2485.277	1790.520	2381.152

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-19LX5 Acquired: 12/14/2024 15:22:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049137	.0156289	.1489302	-.020957	-.003002	19.21002	.2213268
Stddev	.0035968	.0012818	.0016728	.005819	.001339	.37159	.0048637
%RSD	73.19922	8.201411	1.123190	27.76830	44.60296	1.934347	2.197512
#1	.0047613	.0157859	.1470514	-.020939	-.003024	19.55071	.2254921
#2	.0013955	.0142758	.1494812	-.015146	-.004329	19.26557	.2225064
#3	.0085842	.0168249	.1502579	-.026785	-.001652	18.81378	.2159818

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015172	.0013094	131.6066	.0314865	.0426050	.0294797	42.16229
Stddev	.0000825	.0000959	2.6304	.0007131	.0002108	.0046942	.86441
%RSD	5.438621	7.321612	1.998709	2.264784	.4947409	15.92364	2.050192
#1	.0014230	.0014201	134.0212	.0309501	.0423862	.0348637	42.90892
#2	.0015765	.0012532	131.9951	.0312138	.0428067	.0262448	42.36264
#3	.0015522	.0012549	128.8035	.0322957	.0426222	.0273304	41.21530

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.232590	54.05747	.0465949	-.001981	-.110123	.0423217	.2987714
Stddev	.027902	.95398	.0012494	.000192	.045975	.0069033	.0077136
%RSD	2.263677	1.764753	2.681310	9.674084	41.74887	16.31158	2.581786
#1	1.255987	54.95359	.0476908	-.001766	-.109006	.0477642	.2996505
#2	1.240072	54.16423	.0468595	-.002045	-.064716	.0446442	.3060079
#3	1.201709	53.05461	.0452345	-.002133	-.156646	.0345566	.2906559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.127801	1.440264	-.018206	-.001735	1.866844	2.954829	.0055839
Stddev	.177521	.001672	.002099	.000056	.007754	.051775	.0007478
%RSD	5.675578	.1161219	11.52931	3.208543	.4153421	1.752221	13.39119
#1	3.325036	1.438522	-.020629	-.001673	1.862651	3.004678	.0054280
#2	2.980837	1.440414	-.017048	-.001780	1.862090	2.958487	.0063974
#3	3.077530	1.441857	-.016941	-.001752	1.875792	2.901322	.0049265

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-19LX5 Acquired: 12/14/2024 15:22:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2002136	.1215247	.0109397
Stddev	.0025718	.0018406	.0014244
%RSD	1.284511	1.514592	13.02055
#1	.2031763	.1231967	.0114735
#2	.1985563	.1218249	.0093255
#3	.1989083	.1195524	.0120200

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.831	24741.73	2309.547	1717.677	2606.962
Stddev	2.004	207.44	35.251	19.635	3.131
%RSD	.1003806	.8384391	1.526324	1.143097	.1200951
#1	1999.142	24632.29	2280.507	1711.681	2610.452
#2	1995.574	24980.97	2299.365	1739.610	2604.400
#3	1995.776	24611.91	2348.768	1701.739	2606.034

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-21 Acquired: 12/14/2024 15:26:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1434400	.1180985	.7105426	.1415590	.1746519	90.63027	4.841768
Stddev	.0056171	.0034534	.0072892	.0053398	.0033520	.40120	.021373
%RSD	3.916013	2.924212	1.025865	3.772158	1.919238	.4426736	.4414231
#1	.1459514	.1220173	.7189594	.1454364	.1768439	90.19302	4.817263
#2	.1370053	.1154998	.7063269	.1354685	.1763186	90.71635	4.851486
#3	.1473632	.1167784	.7063414	.1437722	.1707933	90.98143	4.856554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932728	.1027433	588.4559	.5119977	1.039130	.6389203	186.3240
Stddev	.0009862	.0011954	1.5092	.0026666	.012763	.0015440	.8213
%RSD	1.057271	1.163451	.2564614	.5208263	1.228210	.2416613	.4407714
#1	.0923549	.1040839	587.0797	.5091881	1.053855	.6407022	185.3793
#2	.0943154	.1023578	588.2181	.5123113	1.031252	.6380817	186.8675
#3	.0931482	.1017883	590.0698	.5144936	1.032283	.6379771	186.7253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.333099	236.9985	1.194662	.0644520	.6885275	1.120384	2.207543
Stddev	.034011	1.3800	.014819	.0008542	.3735951	.016645	.031584
%RSD	.5370365	.5822977	1.240465	1.325262	54.26001	1.485683	1.430748
#1	6.293927	235.7514	1.211694	.0639089	.5616128	1.104928	2.192715
#2	6.355120	236.7631	1.187573	.0640106	.3949235	1.118218	2.186101
#3	6.350250	238.4811	1.184718	.0654366	1.109046	1.138006	2.243813

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24660	7.236502	-.023668	.0034269	9.438585	12.98414	.0361335
Stddev	.23580	.076992	.003010	.0007436	.096009	.11788	.0014939
%RSD	1.655161	1.063941	12.71667	21.69730	1.017195	.9078745	4.134293
#1	13.98160	7.325196	-.026079	.0028561	9.548522	12.85311	.0376666
#2	14.32494	7.186879	-.020295	.0031569	9.371245	13.08156	.0360515
#3	14.43327	7.197431	-.024630	.0042677	9.395988	13.01776	.0346822

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-21 Acquired: 12/14/2024 15:26:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9078133	.5487807	.1315988
Stddev	.0095928	.0032842	.0037127
%RSD	1.056696	.5984635	2.821237
#1	.8969693	.5450491	.1355722
#2	.9112787	.5500610	.1282180
#3	.9151918	.5512320	.1310062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.908	25289.02	2465.505	1745.930	2377.904
Stddev	27.776	294.10	22.403	20.535	31.273
%RSD	1.347778	1.162961	.9086766	1.176171	1.315142
#1	2028.934	25499.31	2490.051	1764.741	2342.416
#2	2074.712	25414.81	2446.157	1749.028	2389.863
#3	2079.078	24952.95	2460.308	1724.023	2401.432

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-12 Acquired: 12/14/2024 15:29:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0873356	.0125262	.9336003	-.007671	.0368270	134.2900	1.944046
Stddev	.0056951	.0011527	.0076814	.001624	.0004547	1.1646	.021003
%RSD	6.520915	9.202288	.8227718	21.17435	1.234792	.8671940	1.080360
#1	.0938811	.0137401	.9405058	-.009479	.0373148	134.9059	1.954895
#2	.0835145	.0114464	.9349684	-.007196	.0367516	135.0173	1.957405
#3	.0846112	.0123921	.9253268	-.006337	.0364147	132.9468	1.919837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106484	.0121876	736.0253	.1887004	.1574424	.3887261	272.5703
Stddev	.0000908	.0001717	6.3643	.0047947	.0016225	.0016932	2.1333
%RSD	.8524311	1.408815	.8646863	2.540928	1.030522	.4355784	.7826506
#1	.0107532	.0123857	738.6411	.1900149	.1593125	.3867714	273.2297
#2	.0105978	.0120955	740.6649	.1927009	.1566047	.3897385	274.2961
#3	.0105943	.0120817	728.7699	.1833856	.1564099	.3896685	270.1852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.568442	267.2457	.3406983	-.015535	.8333489	.2589452	1.615729
Stddev	.075618	2.0328	.0045960	.000640	.4189548	.0029486	.018954
%RSD	.9991251	.7606468	1.348994	4.118575	50.27364	1.138701	1.173079
#1	7.602247	267.7284	.3453572	-.015786	.3567497	.2622467	1.610904
#2	7.621260	268.9936	.3405698	-.016012	1.143503	.2580154	1.636629
#3	7.481818	265.0150	.3361679	-.014808	.999794	.2565736	1.599654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.242664	5.944804	-.087255	.0064352	5.829580	12.74616	.0510021
Stddev	.052149	.058729	.005080	.0005193	.058927	.18797	.0020523
%RSD	.6326718	.9879114	5.822184	8.069383	1.010821	1.474722	4.023960
#1	8.298172	5.982720	-.088766	.0070124	5.869444	12.84773	.0533718
#2	8.235126	5.974539	-.091409	.0060061	5.857404	12.86149	.0497969
#3	8.194695	5.877154	-.081591	.0062870	5.761894	12.52926	.0498377

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-12 Acquired: 12/14/2024 15:29:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9140055	.8973218	.1906216
Stddev	.0120138	.0081787	.0029518
%RSD	1.314412	.9114577	1.548538
#1	.9104494	.9016239	.1931982
#2	.9273960	.9024515	.1912658
#3	.9041712	.8878899	.1874009

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.226	26065.39	2504.266	1802.147	2278.561
Stddev	14.572	433.05	30.501	28.564	20.899
%RSD	.6958036	1.661418	1.217952	1.584998	.9171982
#1	2080.449	26055.97	2491.399	1800.389	2258.933
#2	2092.749	25637.12	2482.307	1774.502	2276.218
#3	2109.480	26503.07	2539.092	1831.549	2300.533

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-13 Acquired: 12/14/2024 15:33:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891616	.0191234	.9215806	.0046868	.0434193	141.4508	2.051193
Stddev	.0069668	.0029240	.0015416	.0086711	.0034998	10.8172	.152170
%RSD	7.813678	15.29031	.1672792	185.0094	8.060433	7.647353	7.418627
#1	.0811177	.0222138	.9218107	.0002523	.0402000	130.2121	1.895332
#2	.0930982	.0187559	.9229942	.0146784	.0471444	151.7905	2.199383
#3	.0932690	.0164005	.9199369	-.000870	.0429134	142.3498	2.058864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111209	.0117631	772.6227	.1869309	.1560090	.4026743	287.0589
Stddev	.0005426	.0004171	58.6188	.0024247	.0008183	.0388848	21.4903
%RSD	4.879496	3.545515	7.586984	1.297136	.5245004	9.656636	7.486357
#1	.0105511	.0121739	711.8354	.1895524	.1568845	.3596093	265.0134
#2	.0116315	.0113401	828.8008	.1847684	.1552636	.4352105	307.9472
#3	.0111801	.0117753	777.2318	.1864720	.1558789	.4132031	288.2160

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.965496	280.8265	.3353458	-.014390	1.077200	.2775520	1.605620
Stddev	.596864	21.3507	.0021764	.002406	.513704	.0149552	.017363
%RSD	7.493116	7.602825	.6489979	16.71654	47.68888	5.388232	1.081385
#1	7.362896	259.0102	.3374150	-.016786	.484065	.2604357	1.625292
#2	8.556453	301.6791	.3330761	-.011975	1.367801	.2841277	1.592434
#3	7.977138	281.7902	.3355463	-.014411	1.379733	.2880926	1.599134

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.883206	5.854073	-.091678	.0056407	5.713770	13.82032	.0529785
Stddev	.866652	.030360	.002083	.0005981	.004317	.85532	.0031285
%RSD	9.756070	.5186099	2.272145	10.60342	.0755484	6.188845	5.905258
#1	8.019331	5.882952	-.090521	.0056625	5.716919	12.93968	.0495691
#2	9.752608	5.822422	-.094083	.0062277	5.708850	14.64784	.0557175
#3	8.877680	5.856845	-.090431	.0050320	5.715541	13.87345	.0536490

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-13 Acquired: 12/14/2024 15:33:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9867168	.9465714	.1995530
Stddev	.0781943	.0702662	.0220980
%RSD	7.924699	7.423230	11.07377
#1	.9033159	.8737837	.1768635
#2	1.058377	1.014010	.2210078
#3	.998457	.951920	.2007877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.133	26081.03	2400.017	1802.618	2309.223
Stddev	8.929	216.75	152.174	12.600	14.505
%RSD	.4221519	.8310788	6.340519	.6989845	.6281510
#1	2105.484	25831.00	2556.353	1788.092	2292.607
#2	2116.810	26196.27	2252.378	1810.604	2319.361
#3	2123.105	26215.82	2391.321	1809.157	2315.700

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-12LX5 Acquired: 12/14/2024 15:37:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175437	.0179464	.1959681	-.022972	-.002864	29.01356	.4211264
Stddev	.0024331	.0013083	.0085947	.003193	.002225	.31376	.0045789
%RSD	13.86883	7.290001	4.385751	13.90001	77.68488	1.081434	1.087295
#1	.0147430	.0164366	.1860838	-.023823	-.000560	28.67021	.4164410
#2	.0191369	.0187442	.2016810	-.019440	-.003031	29.28539	.4255908
#3	.0187511	.0186586	.2001395	-.025654	-.005000	29.08507	.4213474

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023590	.0019635	159.8730	.0425056	.0501851	.0728828	61.01544
Stddev	.0000473	.0002107	1.6652	.0006728	.0019423	.0079246	.66130
%RSD	2.004011	10.72844	1.041565	1.582803	3.870329	10.87309	1.083818
#1	.0024100	.0018552	158.1709	.0419926	.0479595	.0746802	60.31096
#2	.0023167	.0022062	161.4987	.0422569	.0515386	.0797543	61.62281
#3	.0023504	.0018290	159.9492	.0432674	.0510571	.0642138	61.11257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.691542	59.11646	.0631757	-.001824	-.294302	.0569440	.3386072
Stddev	.017719	.72387	.0023299	.001296	.154819	.0056942	.0114400
%RSD	1.047494	1.224482	3.687968	71.05850	52.60552	9.999743	3.378538
#1	1.671524	58.65865	.0604870	-.002437	-.449637	.0537270	.3383432
#2	1.705216	59.95101	.0644382	-.002699	-.293267	.0535862	.3273014
#3	1.697885	58.73974	.0646018	-.000335	-.140003	.0635186	.3501768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.647479	1.102519	-.034405	-.001943	1.069674	3.171689	.0094499
Stddev	.134609	.036562	.002106	.000467	.033000	.035624	.0004872
%RSD	8.170596	3.316268	6.120687	24.05262	3.085058	1.123195	5.155158
#1	1.544956	1.061038	-.032312	-.001747	1.031995	3.148449	.0093371
#2	1.597567	1.130066	-.036524	-.001605	1.093432	3.212703	.0099835
#3	1.799916	1.116452	-.034379	-.002476	1.083597	3.153916	.0090290

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-12LX5 Acquired: 12/14/2024 15:37:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2101286	.1925606	.0223168
Stddev	.0015093	.0021454	.0031290
%RSD	.7182802	1.114121	14.02062
#1	.2093908	.1903104	.0251374
#2	.2091301	.1945829	.0228619
#3	.2118649	.1927884	.0189511

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.777	25746.00	2371.373	1792.277	2659.089
Stddev	44.726	249.34	20.665	13.528	67.307
%RSD	2.176687	.9684443	.8714301	.7547960	2.531202
#1	2106.044	25574.73	2385.329	1787.021	2735.733
#2	2023.743	25631.21	2347.633	1782.166	2609.610
#3	2034.544	26032.05	2381.157	1807.644	2631.925

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-14 Acquired: 12/14/2024 15:41:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1651041**	**.1160708**	**.9598963**	**.1377588**	**.1820766**	**135.1435**	**5.525981**
Stddev	.0017755	.0053865	.0076028	.0033242	.0015856	.1607	.017629
%RSD	1.075362	4.640707	.7920386	2.413063	.8708191	.1188882	.3190204
#1	.1666080	.1216016	.9596672	.1347033	.1824107	135.2708	5.542696
#2	.1655587	.1157695	.9524107	.1372746	.1803506	134.9629	5.507562
#3	.1631455	.1108412	.9676111	.1412986	.1834685	135.1967	5.527685

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0909025**	**.1052168**	**718.2280**	**.5279893**	**1.054796**	**.7753265**	**269.4069**
Stddev	.0004267	.0001120	1.0102	.0008023	.001936	.0050906	.6301
%RSD	.4693805	.1064447	.1406580	.1519463	.1834978	.6565717	.2338979
#1	.0905759	.1051680	719.2686	.5271102	1.056862	.7808332	270.0253
#2	.0913853	.1053449	717.2511	.5281759	1.053024	.7743538	268.7657
#3	.0907464	.1051375	718.1643	.5286818	1.054500	.7707924	269.4298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.303619**	**261.5235**	**1.270260**	**.0532100**	**.5567552**	**1.134797**	**2.375366**
Stddev	.011316	.8229	.003783	.0010999	.5004553	.009283	.010103
%RSD	.1362753	.3146511	.2977777	2.067010	89.88786	.8180635	.4253120
#1	8.316315	262.1168	1.274073	.0542782	.1352754	1.126465	2.368856
#2	8.299947	261.8697	1.266509	.0532709	.4251187	1.144804	2.370238
#3	8.294596	260.5841	1.270198	.0520810	1.109872	1.133121	2.387004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.269062**	**5.846509**	**-.091213**	**.0056322**	**5.719585**	**13.17038**	**.0496722**
Stddev	.196167	.007856	.004756	.0010032	.018328	.07114	.0016647
%RSD	2.372302	.1343757	5.214323	17.81158	.3204457	.5401315	3.351363
#1	8.356406	5.844264	-.087506	.0045565	5.731999	13.10351	.0480445
#2	8.044393	5.840019	-.096576	.0065423	5.698534	13.24513	.0496005
#3	8.406387	5.855243	-.089558	.0057977	5.728222	13.16250	.0513716

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-14 Acquired: 12/14/2024 15:41:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: BHJ88S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9293415	.8814361	.1869233
Stddev	.0055770	.0029411	.0044934
%RSD	.6001059	.3336734	2.403850
#1	.9229229	.8848009	.1817543
#2	.9320990	.8801518	.1898971
#3	.9330027	.8793555	.1891185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2097.506	25999.58	2525.532	1796.630	2296.486
Stddev	3.281	74.33	10.290	6.596	.443
%RSD	.1564195	.2858767	.4074544	.3671181	.0192805
#1	2096.988	26049.93	2525.940	1799.038	2296.060
#2	2094.515	26034.59	2515.043	1801.684	2296.944
#3	2101.015	25914.21	2535.612	1789.169	2296.454

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-20 Acquired: 12/14/2024 15:45:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0336547**	**.0179473**	**.1900465**	**-.005922**	**.0168615**	**70.00317**	**.4297309**
Stddev	.0051458	.0063860	.0032608	.001943	.0043468	.56015	.0031231
%RSD	15.28992	35.58176	1.715765	32.80745	25.77940	.8001822	.7267495
#1	.0310926	.0201173	.1937881	-.004998	.0215908	70.50978	.4325852
#2	.0302929	.0229654	.1885409	-.004614	.0159530	69.40161	.4263951
#3	.0395785	.0107591	.1878107	-.008155	.0130408	70.09813	.4302125

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048607**	**.0034796**	**303.1865**	**.0980681**	**.1147701**	**.0869266**	**154.8250**
Stddev	.0001051	.0000859	1.7552	.0016594	.0004813	.0035703	.8528
%RSD	2.161107	2.468975	.5789329	1.692097	.4193193	4.107240	.5508128
#1	.0048231	.0034305	305.0319	.0997829	.1147421	.0852455	155.5873
#2	.0047797	.0035788	301.5379	.0979510	.1152648	.0845073	153.9040
#3	.0049794	.0034295	302.9898	.0964702	.1143035	.0910272	154.9837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.021274**	**113.6226**	**.1785524**	**-.006848**	**1.414397**	**.1609524**	**.3711774**
Stddev	.050728	.8865	.0008028	.000365	.066289	.0055984	.0028321
%RSD	.7224946	.7802261	.4496128	5.326557	4.686697	3.478267	.7629936
#1	7.068659	114.6001	.1790076	-.006968	1.423348	.1650418	.3681470
#2	6.967759	112.8705	.1790241	-.007137	1.475756	.1545719	.3737570
#3	7.027403	113.3972	.1776254	-.006438	1.344088	.1632434	.3716283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.210663**	**7.645563**	**-.064520**	**-.002068**	**2.259940**	**8.682429**	**.0213814**
Stddev	.154933	.038227	.004689	.000373	.016876	.039415	.0008506
%RSD	2.494621	.4999896	7.268250	18.02495	.7467671	.4539671	3.978060
#1	6.322302	7.659375	-.061906	-.002481	2.259365	8.707687	.0204057
#2	6.033779	7.674965	-.061720	-.001966	2.277097	8.637011	.0219665
#3	6.275909	7.602350	-.069934	-.001757	2.243359	8.702589	.0217720

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-20 Acquired: 12/14/2024 15:45:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.345919	.2199846	.1146195
Stddev	.009143	.0018851	.0017230
%RSD	.6793174	.8569344	1.503230
#1	1.346881	.2217632	.1160267
#2	1.336333	.2180085	.1151338
#3	1.354543	.2201820	.1126979

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.289	28098.84	2645.144	1944.824	2492.049
Stddev	14.226	234.42	15.654	13.273	17.287
%RSD	.6241569	.8342618	.5917981	.6824660	.6937063
#1	2272.504	27843.08	2633.702	1929.624	2491.703
#2	2269.726	28149.99	2662.984	1950.730	2474.937
#3	2295.638	28303.47	2638.747	1954.119	2509.507

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-21 Acquired: 12/14/2024 15:48:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349148	.0196634	.1914007	-.008836	.0162503	69.62770	.4255962
Stddev	.0017104	.0016776	.0043675	.003296	.0026512	1.87726	.0111737
%RSD	4.898634	8.531652	2.281872	37.30755	16.31453	2.696146	2.625420
#1	.0365103	.0178445	.1963066	-.010999	.0136160	67.47346	.4129824
#2	.0331090	.0199959	.1899598	-.010467	.0162168	70.91348	.4342528
#3	.0351250	.0211499	.1879356	-.005042	.0189180	70.49617	.4295532

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048080	.0033667	301.1480	.1002213	.1163121	.0766910	153.9453
Stddev	.0001539	.0001421	8.1511	.0009332	.0007903	.0061175	4.2319
%RSD	3.201519	4.220449	2.706686	.9311411	.6794893	7.976793	2.748937
#1	.0046580	.0035158	291.7684	.0997035	.1171391	.0700757	149.1048
#2	.0049656	.0032328	306.5140	.1012986	.1155644	.0821439	156.9449
#3	.0048005	.0033516	305.1618	.0996617	.1162327	.0778534	155.7862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.985884	112.4722	.1817092	-.007074	1.762505	.1585471	.3916936
Stddev	.194081	3.0051	.0013748	.000318	.599399	.0076384	.0062383
%RSD	2.778186	2.671900	.7566114	4.495544	34.00835	4.817775	1.592657
#1	6.765366	109.0871	.1822694	-.006754	1.179123	.1579538	.3948960
#2	7.130728	114.8258	.1801427	-.007390	2.376730	.1512226	.3845045
#3	7.061558	113.5036	.1827155	-.007078	1.731662	.1664649	.3956805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.242042	7.724063	-.064719	-.001975	2.278667	8.601766	.0224021
Stddev	.282286	.017866	.001047	.000782	.009988	.198959	.0002943
%RSD	4.522341	.2313072	1.617515	39.61727	.4383220	2.313000	1.313791
#1	5.927099	7.741807	-.065033	-.002043	2.287483	8.386805	.0221270
#2	6.326756	7.724306	-.065573	-.002721	2.280697	8.779450	.0227124
#3	6.472272	7.706077	-.063551	-.001160	2.267819	8.639041	.0223668

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-21 Acquired: 12/14/2024 15:48:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.337534	.2187074	.1130715
Stddev	.035327	.0058849	.0034034
%RSD	2.641197	2.690752	3.009946
#1	1.298314	.2119848	.1095341
#2	1.366856	.2229272	.1163228
#3	1.347431	.2212102	.1133575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2265.551	27692.48	2665.532	1915.134	2471.806
Stddev	7.374	249.25	51.965	13.473	8.173
%RSD	.3254866	.9000776	1.949512	.7035148	.3306323
#1	2260.591	27942.90	2718.172	1928.369	2464.693
#2	2262.037	27444.41	2614.270	1901.434	2469.992
#3	2274.025	27690.12	2664.154	1915.601	2480.733

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV017 Acquired: 12/14/2024 15:52:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.936772**	**5.149104**	**24.00523**	**4.618124**	**4.649463**	**413.0747**	**10.47344**
Stddev	.024126	.052923	.21918	.045269	.046368	1.7570	.05820
%RSD	.4887009	1.027817	.9130708	.9802466	.9972864	.4253486	.5556704
#1	4.920550	5.133890	23.94622	4.606049	4.635828	414.5652	10.51838
#2	4.964497	5.207968	24.24788	4.668206	4.701120	413.5215	10.49424
#3	4.925269	5.105455	23.82159	4.580117	4.611441	411.1375	10.40770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4698240**	**2.385728**	**406.1871**	**15.32039**	**2.290242**	**15.22867**	**411.1865**
Stddev	.0021407	.021135	1.7919	.71831	.023041	.03254	1.5638
%RSD	.4556304	.8859035	.4411618	4.688621	1.006060	.2136487	.3803022
#1	.4722792	2.380514	407.5334	15.35247	2.286341	15.26160	411.8770
#2	.4683486	2.408982	406.8746	14.58657	2.314985	15.22788	412.2862
#3	.4688442	2.367688	404.1532	16.02212	2.269400	15.19654	409.3964

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.04816**	**383.6889**	**2.382479**	**1.293099**	**396.0623**	**2.491944**	**14.62266**
Stddev	.06887	1.4771	.022438	.052767	3.4200	.027918	.62902
%RSD	.4576428	.3849806	.9417871	4.080654	.8634998	1.120321	4.301664
#1	15.08960	384.5260	2.379800	1.293204	399.3690	2.520964	14.60253
#2	15.08623	384.5573	2.406137	1.240279	396.2786	2.489589	14.00394
#3	14.96867	381.9833	2.361502	1.345813	392.5393	2.465277	15.26149

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**152.5131**	**4.830177**	**4.554006**	**4.840821**	**4.749393**	**4.852283**	**4.930013**
Stddev	.6557	.052362	.021809	.041647	.043674	.030203	.048707
%RSD	.4299226	1.084050	.4789052	.8603383	.9195778	.6224401	.9879616
#1	153.1619	4.826725	4.575821	4.828332	4.732172	4.885797	4.916857
#2	152.5265	4.884179	4.553995	4.887284	4.799053	4.843882	4.983946
#3	151.8507	4.779627	4.532202	4.806847	4.716955	4.827171	4.889235

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV017 Acquired: 12/14/2024 15:52:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**5.072650**	**4.655764**	**5.216962**
Stddev	.027992	.022875	.033259
%RSD	.5518170	.4913234	.6375198
#1	5.085309	4.668391	5.239494
#2	5.092076	4.669543	5.232630
#3	5.040565	4.629359	5.178763

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1646.579**	**21650.19**	**2193.464**	**1424.504**	**2264.882**
Stddev	9.792	948.57	7.392	64.014	14.859
%RSD	.5947122	4.381362	.3369976	4.493801	.6560444
#1	1648.451	21636.07	2187.236	1423.672	2267.155
#2	1635.986	22605.74	2191.523	1488.929	2249.018
#3	1655.301	20708.75	2201.633	1360.909	2278.473

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB017 Acquired: 12/14/2024 15:57:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001336**	**-.002204**	**.0032122**	**.0020210**	**.0019854**	**.0177339**	**-.002109**
Stddev	.002945	.002455	.0022633	.0014022	.0015411	.0172787	.000486
%RSD	220.4875	111.3801	70.45975	69.38128	77.62066	97.43317	23.04427
#1	-.001945	-.000095	.0006189	.0021326	.0020507	.0088676	-.002469
#2	.001866	-.004899	.0042283	.0033641	.0034928	.0066883	-.001556
#3	-.003928	-.001619	.0047895	.0005664	.0004127	.0376460	-.002301

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000120**	**-.000174**	**-.033387**	**.0000631**	**-.000694**	**-.002915**	**-.013663**
Stddev	.000135	.000077	.014992	.0004159	.000160	.006353	.029630
%RSD	111.9791	44.41879	44.90289	659.6032	23.08449	217.9219	216.8604
#1	-.000141	-.000184	-.036488	-.000245	-.000666	-.000971	-.047300
#2	.000024	-.000092	-.046585	-.000102	-.000867	-.010013	-.002260
#3	-.000243	-.000246	-.017087	.000536	-.000550	.002238	.008571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000985**	**.0147873**	**-.000686**	**.0021009**	**.1398567**	**.0004319**	**-.002386**
Stddev	.000835	.0742493	.000296	.0007375	.3134969	.0062464	.011029
%RSD	84.71396	502.1141	43.19321	35.10192	224.1558	1446.128	462.2336
#1	-.000546	.0760398	-.001004	.0027506	.2458845	-.000803	.008790
#2	-.000462	-.067791	-.000634	.0012993	.3865908	-.005105	-.002687
#3	-.001948	.036114	-.000419	.0022527	-.212905	.007204	-.013261

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5892060**	**-.000504**	**-.006992**	**.0009268**	**-.009952**	**-.037642**	**-.002026**
Stddev	.0386339	.000575	.002852	.0005956	.003694	.001174	.000715
%RSD	6.556938	114.0030	40.78579	64.27200	37.12071	3.118984	35.26937
#1	.5528525	-.000954	-.003856	.0007139	-.005933	-.036944	-.002717
#2	.5849910	.000144	-.007692	.0015996	-.010725	-.038997	-.002073
#3	.6297746	-.000703	-.009429	.0004668	-.013200	-.036985	-.001290

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB017 Acquired: 12/14/2024 15:57:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB017 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002203	.0000246	-.014817
Stddev	.001751	.0001881	.001290
%RSD	79.49937	763.3823	8.704828
#1	-.001998	.0001487	-.016251
#2	-.004047	.0001170	-.013751
#3	-.000563	-.000192	-.014449

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.956	24061.12	2157.245	1681.998	2764.052
Stddev	24.411	92.73	50.630	1.767	43.136
%RSD	1.243576	.3853830	2.346953	.1050709	1.560620
#1	1959.641	24150.58	2155.693	1680.636	2754.853
#2	1940.373	24067.35	2208.633	1683.995	2726.257
#3	1988.855	23965.44	2107.409	1681.364	2811.045

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-20LX5 Acquired: 12/14/2024 16:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001062**	**.0103526**	**.0463997**	**-.008813**	**-.003190**	**17.59276**	**.1052733**
Stddev	.001011	.0015424	.0039523	.003109	.002197	.16554	.0020804
%RSD	95.16427	14.89818	8.517895	35.28020	68.87053	.9409532	1.976196
#1	-.002019	.0116218	.0486159	-.011814	-.001058	17.54920	.1064053
#2	-.000005	.0086360	.0487465	-.005606	-.003066	17.77573	.1065423
#3	-.001164	.0108001	.0418366	-.009020	-.005447	17.45336	.1028724

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012745**	**.0003335**	**74.84096**	**.0241778**	**.0373262**	**.0190198**	**39.00182**
Stddev	.0000701	.0000819	.56098	.0011167	.0002124	.0070103	.35228
%RSD	5.501837	24.54248	.7495599	4.618583	.5691514	36.85788	.9032360
#1	.0013495	.0003694	75.01712	.0247144	.0375210	.0192753	38.80862
#2	.0012107	.0002399	75.29272	.0249249	.0370997	.0118853	39.40842
#3	.0012632	.0003914	74.21304	.0228941	.0373579	.0258989	38.78840

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.769006**	**28.51452**	**.0342477**	**.0011825**	**.6440236**	**.0474672**	**.0996261**
Stddev	.011941	.28003	.0012119	.0008366	.3852881	.0043675	.0102319
%RSD	.6750219	.9820606	3.538675	70.75266	59.82516	9.201023	10.27035
#1	1.772961	28.50124	.0354384	.0002427	.2131626	.0424285	.1077313
#2	1.778468	28.80095	.0342891	.0014586	.9554543	.0501702	.1030180
#3	1.755589	28.24136	.0330156	.0018461	.7634539	.0498029	.0881289

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.914352**	**1.476047**	**-.025825**	**-.002004**	**.4363154**	**2.488641**	**.0050942**
Stddev	.016577	.041239	.000927	.000219	.0140524	.012973	.0008796
%RSD	.8659563	2.793878	3.590978	10.93987	3.220694	.5212897	17.26699
#1	1.933493	1.515212	-.024764	-.001878	.4515597	2.493008	.0060862
#2	1.904593	1.479923	-.026230	-.001877	.4335078	2.498868	.0044092
#3	1.904970	1.433008	-.026481	-.002258	.4238788	2.474048	.0047872

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-20LX5 Acquired: 12/14/2024 16:01:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3500179	.0536850	.0177868
Stddev	.0058319	.0003331	.0027482
%RSD	1.666177	.6205041	15.45068
#1	.3545370	.0535600	.0152551
#2	.3520820	.0540626	.0173958
#3	.3434346	.0534325	.0207096

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.524	25543.21	2316.422	1774.666	2720.977
Stddev	13.746	230.72	15.442	16.610	10.163
%RSD	.6648506	.9032386	.6666233	.9359305	.3735185
#1	2072.205	25373.26	2334.139	1759.523	2721.273
#2	2078.318	25450.50	2305.821	1772.044	2730.989
#3	2052.049	25805.86	2309.305	1792.431	2710.669

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-22 Acquired: 12/14/2024 16:05:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1112582**	**.1122532**	**.2205244**	**.1259421**	**.1473096**	**73.96233**	**3.950397**
Stddev	.0019689	.0021205	.0049648	.0053477	.0018004	1.32463	.067796
%RSD	1.769680	1.889036	2.251358	4.246168	1.222155	1.790954	1.716182
#1	.1089867	.1134872	.2148605	.1201069	.1467159	74.65967	3.984015
#2	.1123117	.1134678	.2225886	.1306092	.1493318	74.79262	3.994814
#3	.1124763	.1098047	.2241241	.1271101	.1458811	72.43471	3.872362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0816915**	**.0899654**	**301.3332**	**.4182353**	**.9438705**	**.4822860**	**156.3132**
Stddev	.0015641	.0012919	5.7655	.0051396	.0112382	.0093904	2.6046
%RSD	1.914643	1.436038	1.913342	1.228890	1.190648	1.947069	1.666301
#1	.0829929	.0889584	304.6351	.4156697	.9346448	.4861101	157.8490
#2	.0821252	.0914221	304.6887	.4241527	.9563866	.4891610	157.7846
#3	.0799563	.0895157	294.6758	.4148835	.9405801	.4715869	153.3058

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.859953**	**113.1119**	**1.043408**	**.0592037**	**1.781382**	**1.027801**	**1.164362**
Stddev	.126462	1.9710	.012962	.0007599	.834857	.020180	.018553
%RSD	1.608945	1.742514	1.242270	1.283609	46.86569	1.963434	1.593406
#1	7.920883	114.2958	1.034580	.0586479	.872676	1.044674	1.149627
#2	7.944415	114.2032	1.058289	.0600697	1.957029	1.033282	1.185197
#3	7.714560	110.8366	1.037355	.0588935	2.514440	1.005446	1.158262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.447581**	**7.242097**	**-.066371**	**-.002445**	**2.152249**	**9.112113**	**.0232098**
Stddev	.250730	.071551	.003492	.000379	.028358	.200293	.0004198
%RSD	3.888744	.9879807	5.261050	15.51527	1.317602	2.198091	1.808855
#1	6.658281	7.184668	-.070394	-.002112	2.130104	9.279060	.0236751
#2	6.514190	7.322250	-.064597	-.002858	2.184211	9.167253	.0228592
#3	6.170273	7.219372	-.064123	-.002365	2.142432	8.890026	.0230951

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-22 Acquired: 12/14/2024 16:05:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.370865	.2171272	.1156584
Stddev	.021030	.0031864	.0023943
%RSD	1.534097	1.467508	2.070129
#1	1.376859	.2189831	.1175947
#2	1.388247	.2189505	.1163993
#3	1.347488	.2134479	.1129813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2281.707	27960.44	2566.332	1922.039	2535.164
Stddev	18.248	450.93	52.514	29.499	25.561
%RSD	.7997692	1.612741	2.046270	1.534790	1.008262
#1	2294.755	28210.32	2530.895	1936.913	2555.102
#2	2260.854	27439.89	2541.439	1888.063	2506.347
#3	2289.511	28231.11	2626.664	1941.140	2544.041

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-01 Acquired: 12/14/2024 16:09:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0273323**	**.0365726**	**.3180345**	**-.037329**	**-.004969**	**29.71070**
Stddev	.0066986	.0057147	.0070010	.009178	.001368	.14096
%RSD	24.50794	15.62558	2.201331	24.58712	27.52645	.4744477
#1	.0231921	.0407026	.3253149	-.042011	-.006502	29.77722
#2	.0237442	.0300506	.3174375	-.043223	-.004532	29.54879
#3	.0350606	.0389647	.3113512	-.026754	-.003873	29.80610

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2486984**	**.0024585**	**.0056081**	F **1346.305**	**.0827382**	**.0816233**
Stddev	.0008306	.0001151	.0001704	12.965	.0033493	.0011971
%RSD	.3339855	4.683709	3.038979	.9630115	4.048048	1.466564
#1	.2485602	.0024830	.0057467	1339.248	.0789182	.0829653
#2	.2479455	.0023331	.0056599	1361.267	.0851709	.0812387
#3	.2495894	.0025594	.0054178	1338.398	.0841255	.0806657

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0744713**	**94.54211**	**8.492579**	**618.9849**	**.0887229**	**-.003535**
Stddev	.0105629	.58750	.047922	4.5379	.0022638	.001971
%RSD	14.18385	.6214197	.5642778	.7331251	2.551537	55.75118
#1	.0696609	94.62042	8.508770	620.4835	.0913359	-.002257
#2	.0671698	93.91939	8.438659	613.8872	.0874786	-.005805
#3	.0865832	95.08654	8.530308	622.5840	.0873542	-.002544

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6796843**	**.0695406**	**.9583658**	**8.509229**	**4.832817**	**.0380796**
Stddev	.6045157	.0093701	.0162031	.105723	.027794	.0013100
%RSD	88.94066	13.47424	1.690697	1.242447	.5751041	3.440168
#1	.6501418	.0681534	.9420949	8.622623	4.864792	.0371528
#2	1.298430	.0609414	.9745002	8.413371	4.819211	.0375077
#3	.090482	.0795269	.9585021	8.491692	4.814447	.0395783

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-01 Acquired: 12/14/2024 16:09:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003375	22.99050	9.006021	.0257738	.5554527	.7634282
Stddev	.001039	.12741	.060671	.0013087	.0020671	.0038266
%RSD	30.77727	.5541942	.6736767	5.077735	.3721389	.5012430
#1	-.003389	23.12249	8.939228	.0250329	.5534328	.7659058
#2	-.004408	22.98081	9.057721	.0272849	.5575638	.7590209
#3	-.002330	22.86822	9.021113	.0250036	.5553615	.7653579

Elem	Li6707
Units	ppm
Avg	.0558434
Stddev	.0025886
%RSD	4.635439
#1	.0580672
#2	.0564611
#3	.0530018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1836.134	22874.48	2206.358	1557.483	2113.879
Stddev	8.729	488.19	1.419	35.107	11.018
%RSD	.4754144	2.134210	.0642974	2.254066	.5212046
#1	1826.189	23396.85	2207.497	1595.491	2101.189
#2	1842.528	22429.79	2204.769	1526.272	2121.008
#3	1839.685	22796.80	2206.809	1550.684	2119.441

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-02 Acquired: 12/14/2024 16:13:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0247388**	**.0363770**	**.3128117**	**-.041879**	**-.005497**	**28.80723**
Stddev	.0019144	.0042791	.0059313	.006958	.003384	.97378
%RSD	7.738492	11.76309	1.896114	16.61507	61.56076	3.380324
#1	.0226250	.0364149	.3129741	-.038859	-.001610	29.26638
#2	.0263560	.0406370	.3186601	-.036941	-.007784	29.46656
#3	.0252353	.0320791	.3068009	-.049837	-.007097	27.68877

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2432199**	**.0022748**	**.0056874**	F **1332.993**	**.0843725**	**.0807878**
Stddev	.0084660	.0001463	.0001708	49.554	.0049904	.0017296
%RSD	3.480809	6.432930	3.003444	3.717512	5.914732	2.140898
#1	.2495560	.0023391	.0056988	1357.350	.0815326	.0807454
#2	.2464989	.0023779	.0055111	1365.655	.0901347	.0825381
#3	.2336049	.0021073	.0058522	1275.974	.0814501	.0790797

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0699382**	**91.97735**	**8.237501**	**600.5866**	**.0866267**	**-.004377**
Stddev	.0013158	3.26885	.286646	20.8422	.0013164	.001155
%RSD	1.881422	3.553975	3.479774	3.470301	1.519616	26.39467
#1	.0685451	93.41717	8.358010	608.3612	.0858752	-.004359
#2	.0711600	94.27912	8.444219	616.4240	.0881467	-.005542
#3	.0701095	88.23575	7.910274	576.9747	.0858582	-.003231

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.563367**	**.0788804**	**.9726766**	**8.178727**	**4.780412**	**.0396321**
Stddev	.789295	.0105253	.0605252	.254479	.097023	.0014945
%RSD	50.48691	13.34342	6.222542	3.111477	2.029598	3.770863
#1	1.799585	.0734566	.9372818	8.285376	4.730911	.0392408
#2	2.207582	.0910114	1.042563	8.362529	4.892201	.0412834
#3	.682934	.0721731	.938185	7.888275	4.718123	.0383723

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-02 Acquired: 12/14/2024 16:13:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003472**	**22.79011**	**8.761785**	**.0255915**	**.5405645**	**.7418609**
Stddev	.000746	.42997	.299013	.0020820	.0168666	.0245868
%RSD	21.48698	1.886668	3.412691	8.135453	3.120187	3.314200
#1	-.003433	22.51727	8.920425	.0252138	.5509566	.7511545
#2	-.004236	23.28576	8.948047	.0278365	.5496332	.7604463
#3	-.002746	22.56729	8.416883	.0237242	.5211036	.7139820

Elem	Li6707
Units	ppm
Avg	**.0546782**
Stddev	.0040502
%RSD	7.407409
#1	.0582644
#2	.0554850
#3	.0502853

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1871.874**	**22847.07**	**2292.323**	**1559.664**	**2155.741**
Stddev	29.301	1067.07	70.002	72.482	39.878
%RSD	1.565318	4.670497	3.053764	4.647302	1.849867
#1	1884.643	23489.06	2255.258	1602.053	2173.497
#2	1838.355	21615.29	2248.647	1475.971	2110.069
#3	1892.623	23436.85	2373.065	1600.968	2183.657

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-01LX5 Acquired: 12/14/2024 16:17:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000655**	**.0230915**	**.0804536**	**-.028506**	**-.013466**	**6.535982**	**.0536106**
Stddev	.004475	.0038520	.0015448	.003697	.001327	.043142	.0010451
%RSD	683.6309	16.68137	1.920154	12.96835	9.855836	.6600686	1.949421
#1	-.003410	.0271972	.0790320	-.025864	-.012034	6.583863	.0547656
#2	-.003063	.0225202	.0802312	-.026923	-.014655	6.523950	.0527304
#3	.004509	.0195571	.0820976	-.032730	-.013708	6.500133	.0533356

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006733**	**.0010091**	**309.0640**	**.0191717**	**.0396169**	**.0065412**	**21.49892**
Stddev	.0000756	.0000990	2.3613	.0015202	.0005513	.0132522	.15740
%RSD	11.22392	9.814160	.7640323	7.929278	1.391472	202.5947	.7321527
#1	.0007068	.0008959	311.7904	.0175481	.0390503	.0124628	21.65605
#2	.0007263	.0010796	307.7329	.0194056	.0401514	-.008639	21.34124
#3	.0005867	.0010519	307.6687	.0205614	.0396489	.015800	21.49947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.932596**	**139.3788**	**.0162276**	**.0012019**	**.5076701**	**.0224265**	**.2083987**
Stddev	.014521	.8841	.0004693	.0003385	.5143717	.0019487	.0062147
%RSD	.7513975	.6342886	2.891858	28.16310	101.3201	8.689140	2.982140
#1	1.947893	140.3823	.0156939	.0014388	.1579505	.0226482	.2032792
#2	1.918999	138.7148	.0164135	.0013527	.2667771	.0242547	.2153135
#3	1.930897	139.0393	.0165754	.0008142	1.098283	.0203764	.2066034

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.841016**	**.9508922**	**-.005381**	**-.004311**	**4.468457**	**2.048274**	**.0041447**
Stddev	.094092	.0040927	.001511	.000706	.016532	.003932	.0017701
%RSD	5.110895	.4304017	28.07655	16.37684	.3699712	.1919731	42.70592
#1	1.917180	.9549246	-.007122	-.003622	4.482717	2.052787	.0061071
#2	1.870036	.9510103	-.004416	-.004277	4.472317	2.046443	.0026687
#3	1.735832	.9467418	-.004605	-.005033	4.450336	2.045590	.0036585

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-01LX5 Acquired: 12/14/2024 16:17:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1230550	.1668701	-.006850
Stddev	.0058479	.0017726	.003316
%RSD	4.752303	1.062260	48.41300
#1	.1297208	.1688596	-.009232
#2	.1187875	.1654587	-.008254
#3	.1206566	.1662920	-.003062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.066	24197.75	2267.693	1678.558	2489.487
Stddev	17.504	421.44	5.516	25.923	21.411
%RSD	.9092639	1.741641	.2432348	1.544370	.8600587
#1	1945.041	24680.52	2266.343	1706.547	2514.025
#2	1917.754	23903.36	2273.759	1655.372	2479.836
#3	1912.404	24009.36	2262.978	1673.757	2474.600

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-03 Acquired: 12/14/2024 16:20:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1041792**	**.1376239**	**.3573292**	**.1160514**	**.1552616**	**33.50148**
Stddev	.0006359	.0019967	.0019632	.0023702	.0067542	.15531
%RSD	.6103869	1.450852	.5493977	2.042357	4.350236	.4635901
#1	.1048404	.1367665	.3566524	.1180142	.1587406	33.50607
#2	.1041250	.1361991	.3595412	.1167218	.1474771	33.34393
#3	.1035721	.1399061	.3557940	.1134183	.1595671	33.65445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.359867**	**.0917739**	**.1035408**	F **1375.421**	**.4639269**	**1.012838**
Stddev	.018127	.0005258	.0004668	11.029	.0011288	.002263
%RSD	.4157721	.5729361	.4508420	.8018409	.2433040	.2234115
#1	4.362877	.0913636	.1037943	1387.748	.4631278	1.014819
#2	4.340424	.0915915	.1038260	1366.488	.4634348	1.013322
#3	4.376301	.0923666	.1030021	1372.029	.4652182	1.010372

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5399240**	**95.88014**	**9.356469**	**608.8759**	**1.059986**	**.0770636**
Stddev	.0055205	.39361	.033612	2.2895	.006010	.0007979
%RSD	1.022462	.4105258	.3592342	.3760272	.5669485	1.035348
#1	.5461968	95.81476	9.350584	609.3703	1.065581	.0771009
#2	.5358051	95.52330	9.326188	606.3795	1.060745	.0778422
#3	.5377701	96.30234	9.392634	610.8778	1.053633	.0762477

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4724820**	**1.076606**	**1.818798**	**8.530799**	**4.845248**	**.0354568**
Stddev	.1716545	.009217	.019524	.047268	.021578	.0020872
%RSD	36.33039	.8561185	1.073439	.5540854	.4453399	5.886590
#1	.3223462	1.080208	1.826959	8.504363	4.858134	.0330995
#2	.4354798	1.066131	1.796518	8.502662	4.857272	.0362010
#3	.6596200	1.083477	1.832917	8.585370	4.820336	.0370699

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-03 Acquired: 12/14/2024 16:20:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004103**	**23.17445**	**9.003698**	**.0259078**	**.5486775**	**.7536017**
Stddev	.000832	.09042	.020481	.0016127	.0042141	.0035114
%RSD	20.27279	.3901522	.2274758	6.224651	.7680475	.4659501
#1	-.003350	23.23529	8.981935	.0246268	.5524805	.7543984
#2	-.004996	23.21752	9.006564	.0253778	.5441470	.7497604
#3	-.003962	23.07056	9.022596	.0277187	.5494049	.7566463

Elem	Li6707
Units	ppm
Avg	**.0575180**
Stddev	.0029361
%RSD	5.104634
#1	.0603739
#2	.0576724
#3	.0545078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1838.353**	**22865.94**	**2231.471**	**1560.613**	**2117.802**
Stddev	8.645	15.46	4.416	7.003	14.522
%RSD	.4702659	.0676251	.1978927	.4487563	.6857065
#1	1830.496	22868.70	2234.366	1556.328	2106.388
#2	1836.948	22879.83	2233.659	1568.695	2112.871
#3	1847.614	22849.28	2226.389	1556.816	2134.147

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-03 Acquired: 12/14/2024 16:24:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0537283**	**.0507693**	**.3417271**	**.0244912**	**.0213641**	**75.72969**
Stddev	.0049912	.0007080	.0033472	.0043178	.0005733	2.96412
%RSD	9.289651	1.394502	.9795035	17.62983	2.683359	3.914084
#1	.0591389	.0499521	.3444291	.0218377	.0209316	77.64290
#2	.0527423	.0511965	.3427696	.0294734	.0220144	77.23087
#3	.0493038	.0511593	.3379828	.0221625	.0211464	72.31529

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.090562**	**.0047188**	**.0085230**	**77.33319**	**.0819694**	**.1340230**
Stddev	.042122	.0001588	.0000700	2.90144	.0013416	.0004152
%RSD	3.862427	3.366015	.8207618	3.751866	1.636708	.3098117
#1	1.120694	.0048518	.0086020	79.20244	.0805799	.1341775
#2	1.108563	.0047617	.0084982	78.80642	.0820709	.1343388
#3	1.042431	.0045429	.0084688	73.99071	.0832574	.1335527

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1044917**	**161.2501**	F **32.97428**	**16.83053**	**.1600241**	**-.002060**
Stddev	.0009662	6.1269	1.23102	.64159	.0018805	.000815
%RSD	.9246671	3.799651	3.733262	3.812076	1.175120	39.55047
#1	.1038811	165.0736	33.76707	17.27733	.1617914	-.001753
#2	.1056057	164.4935	33.59966	17.11891	.1602330	-.001443
#3	.1039884	154.1833	31.55612	16.09535	.1580479	-.002983

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2331988**	**.1464822**	**.2647466**	**2.644367**	**6.172247**	**-.086230**
Stddev	.3927544	.0098529	.0042157	.273578	.038231	.001115
%RSD	168.4205	6.726330	1.592343	10.34570	.6194085	1.293341
#1	.1552187	.1551103	.2687091	2.859612	6.194475	-.085113
#2	-.114716	.1485904	.2603167	2.736988	6.194163	-.087343
#3	.659094	.1357458	.2652140	2.336502	6.128101	-.086234

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-03 Acquired: 12/14/2024 16:24:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002079	1.989131	8.921647	.0202801	1.097028	-.006601
Stddev	.000712	.012292	.292167	.0009087	.040403	.000219
%RSD	34.22717	.6179413	3.274806	4.480913	3.682979	3.310111
#1	-.002428	1.998370	9.070601	.0192734	1.119775	-.006665
#2	-.001260	1.993843	9.109317	.0210398	1.120930	-.006781
#3	-.002548	1.975181	8.585023	.0205270	1.050379	-.006358

Elem	Li6707
Units	ppm
Avg	.0270437
Stddev	.0036624
%RSD	13.54241
#1	.0311027
#2	.0239865
#3	.0260418

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2701.191	33496.92	3107.855	2342.702	2630.710
Stddev	13.179	181.08	99.754	17.010	19.475
%RSD	.4878919	.5405937	3.209724	.7260822	.7403023
#1	2695.142	33656.28	3040.440	2358.623	2619.592
#2	2692.122	33534.47	3060.679	2344.704	2619.341
#3	2716.308	33300.00	3222.446	2324.780	2653.198

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-04 Acquired: 12/14/2024 16:28:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0566424**	**.0477505**	**.3303332**	**.0270017**	**.0229849**	**75.16053**
Stddev	.0025966	.0033007	.0180501	.0015827	.0009118	.38874
%RSD	4.584200	6.912441	5.464214	5.861313	3.967137	.5172191
#1	.0571970	.0456531	.3334885	.0253965	.0220908	75.44333
#2	.0538134	.0460433	.3109134	.0270479	.0239135	75.32104
#3	.0589170	.0515552	.3465975	.0285608	.0229505	74.71724

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.085690**	**.0046786**	**.0080105**	**76.60344**	**.0803071**	**.1287554**
Stddev	.007804	.0002196	.0006314	.43544	.0010239	.0070361
%RSD	.7187899	4.693926	7.882416	.5684291	1.274989	5.464692
#1	1.092056	.0049116	.0080018	76.83453	.0792077	.1296875
#2	1.088030	.0046488	.0073836	76.87461	.0804801	.1212998
#3	1.076983	.0044754	.0086463	76.10117	.0812335	.1352790

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1051766**	**160.0058**	F **32.72288**	**16.62333**	**.1527770**	**-.001096**
Stddev	.0029696	1.0147	.18951	.01756	.0097367	.000916
%RSD	2.823416	.6341708	.5791392	.1056472	6.373141	83.57305
#1	.1019210	160.6529	32.90512	16.60545	.1550347	-.000332
#2	.1077367	160.5282	32.73668	16.64055	.1421098	-.002112
#3	.1058723	158.8363	32.52685	16.62399	.1611865	-.000845

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2502561**	**.1536240**	**.2649236**	**2.557225**	**5.919019**	**-.093110**
Stddev	.3963729	.0072270	.0109810	.086118	.319252	.000129
%RSD	158.3869	4.704315	4.144966	3.367616	5.393657	.1380905
#1	.7007584	.1616740	.2538290	2.460655	5.996653	-.093258
#2	.0949854	.1515036	.2651544	2.626051	5.568110	-.093037
#3	-.044975	.1476945	.2757873	2.584969	6.192294	-.093034

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-04 Acquired: 12/14/2024 16:28:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001850	1.904090	8.886024	.0205913	1.087913	-.006789
Stddev	.000484	.105242	.067511	.0012601	.007151	.000397
%RSD	26.15338	5.527159	.7597413	6.119519	.6573023	5.840938
#1	-.001844	1.922251	8.933603	.0218049	1.091157	-.006955
#2	-.001370	1.790949	8.915713	.0206797	1.092867	-.007075
#3	-.002337	1.999069	8.808757	.0192894	1.079715	-.006336

Elem	Li6707
Units	ppm
Avg	.0287033
Stddev	.0033645
%RSD	11.72157
#1	.0314984
#2	.0296425
#3	.0249691

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2761.612	33863.70	3120.585	2362.861	2728.683
Stddev	80.473	487.66	5.978	33.735	131.679
%RSD	2.914002	1.440058	.1915692	1.427717	4.825735
#1	2738.976	34396.37	3116.270	2399.940	2693.063
#2	2850.979	33755.49	3118.076	2354.662	2874.507
#3	2694.881	33439.23	3127.409	2333.982	2618.478

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-03LX5 Acquired: 12/14/2024 16:32:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115685	.0101485	.0688649	.0045790	.0033486	20.71815	.2961846
Stddev	.0038419	.0033081	.0026934	.0031594	.0004792	.09379	.0018339
%RSD	33.21015	32.59694	3.911136	68.99736	14.30950	.4527161	.6191816
#1	.0109712	.0139453	.0710996	.0022328	.0029332	20.77432	.2968224
#2	.0080603	.0086123	.0696209	.0033328	.0038728	20.60987	.2941169
#3	.0156742	.0078877	.0658744	.0081715	.0032399	20.77025	.2976145

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013796	.0011966	21.17053	.0226254	.0306507	.0233519	44.23975
Stddev	.0000348	.0001348	.08367	.0002339	.0014541	.0035827	.16329
%RSD	2.524038	11.26396	.3952218	1.033845	4.744248	15.34234	.3691076
#1	.0013394	.0013253	21.17442	.0228494	.0321912	.0194916	44.26308
#2	.0013986	.0012080	21.08499	.0226441	.0304589	.0265704	44.06604
#3	.0014007	.0010564	21.25220	.0223827	.0293019	.0239937	44.39012

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.159645	4.665785	.0296977	.0011695	-.259296	.0439913	.0750716
Stddev	.051180	.037170	.0010441	.0012744	.256994	.0110266	.0105992
%RSD	.5587565	.7966413	3.515876	108.9693	99.11221	25.06531	14.11882
#1	9.172961	4.625061	.0306352	-.000177	.036680	.0390356	.0803444
#2	9.103123	4.697884	.0298856	.001329	-.388724	.0363121	.0628701
#3	9.202851	4.674409	.0285724	.002356	-.425845	.0566262	.0820004

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9884922	1.186602	-.040121	-.001139	.3688858	2.510383	.0040181
Stddev	.1889228	.051491	.002024	.000149	.0174639	.029623	.0012697
%RSD	19.11222	4.339382	5.044642	13.04527	4.734233	1.180024	31.59884
#1	1.142005	1.233653	-.042385	-.001271	.3810116	2.541388	.0038377
#2	.777508	1.194556	-.038487	-.000978	.3767768	2.482369	.0053683
#3	1.045964	1.131597	-.039491	-.001168	.3488690	2.507393	.0028483

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-03LX5 Acquired: 12/14/2024 16:32:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2962080	-.001985	-.010274
Stddev	.0021387	.000134	.002868
%RSD	.7220153	6.773874	27.91902
#1	.2976051	-.002140	-.008356
#2	.2972729	-.001910	-.013571
#3	.2937459	-.001904	-.008894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2196.995	26683.77	2432.589	1861.758	2845.057
Stddev	30.977	166.71	31.574	16.950	51.426
%RSD	1.409950	.6247578	1.297977	.9104245	1.807555
#1	2179.965	26496.59	2401.242	1842.376	2812.015
#2	2178.270	26738.45	2464.386	1873.804	2818.849
#3	2232.750	26816.27	2432.139	1869.095	2904.307

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-05 Acquired: 12/14/2024 16:36:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1401373**	**.1500584**	**.3800456**	**.1440782**	**.1419121**	**80.61649**
Stddev	.0032045	.0015808	.0043683	.0017006	.0009760	1.11141
%RSD	2.286677	1.053433	1.149419	1.180295	.6877423	1.378639
#1	.1384118	.1508145	.3833846	.1448618	.1410732	79.75350
#2	.1438348	.1511191	.3816504	.1421272	.1416799	80.22538
#3	.1381653	.1482416	.3751019	.1452457	.1429833	81.87058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.352511**	**.0731467**	**.1015462**	**79.17026**	**.3811000**	**1.034854**
Stddev	.069283	.0008628	.0012144	1.07057	.0024524	.008939
%RSD	1.591804	1.179569	1.195904	1.352241	.6434949	.8637487
#1	4.294289	.0727172	.1025865	78.41661	.3835540	1.042456
#2	4.334106	.0725830	.1018402	78.69849	.3810965	1.037100
#3	4.429139	.0741400	.1002118	80.39570	.3786493	1.025007

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4802947**	**166.5336**	F **34.56503**	**17.14377**	**1.112726**	**.0576362**
Stddev	.0037246	2.7412	.51210	.32958	.010086	.0007405
%RSD	.7754920	1.646058	1.481549	1.922452	.9064087	1.284872
#1	.4785749	164.0712	34.11553	16.88805	1.121954	.0571180
#2	.4777407	166.0424	34.45706	17.02754	1.114264	.0584843
#3	.4845685	169.4872	35.12251	17.51572	1.101959	.0573062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6050179**	**.9267414**	**.9018244**	**2.776212**	**6.101840**	**-.100001**
Stddev	.2563760	.0099739	.0027038	.015444	.050136	.003344
%RSD	42.37495	1.076232	.2998182	.5562951	.8216611	3.344158
#1	.8987097	.9180728	.9027874	2.767974	6.152453	-.103833
#2	.4903821	.9245091	.9039149	2.766635	6.100874	-.098503
#3	.4259618	.9376423	.8987709	2.794029	6.052194	-.097669

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4979-05 Acquired: 12/14/2024 16:36:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001597**	**1.951112**	**9.193240**	**.0199475**	**1.126178**	**-.008332**
Stddev	.000175	.023059	.094997	.0009158	.016379	.000351
%RSD	10.97947	1.181823	1.033340	4.591066	1.454413	4.208930
#1	-.001428	1.974872	9.147877	.0190577	1.114542	-.008162
#2	-.001585	1.949639	9.129427	.0198975	1.119084	-.008099
#3	-.001778	1.928826	9.302415	.0208873	1.144909	-.008735

Elem	Li6707
Units	ppm
Avg	**.0279816**
Stddev	.0030729
%RSD	10.98172
#1	.0310978
#2	.0278931
#3	.0249540

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2676.340**	**32911.31**	**3014.463**	**2298.367**	**2628.451**
Stddev	13.972	92.22	35.804	14.518	20.073
%RSD	.5220527	.2802182	1.187749	.6316533	.7636947
#1	2663.736	32820.66	3044.009	2282.840	2609.409
#2	2673.920	32908.22	3024.734	2300.658	2626.526
#3	2691.364	33005.03	2974.646	2311.603	2649.417

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-01 Acquired: 12/14/2024 16:40:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382677	.0286895	.2631968	-.010556	.0096601	66.01193	.5600018
Stddev	.0077991	.0055870	.0043224	.000707	.0010404	.77110	.0076393
%RSD	20.38046	19.47411	1.642257	6.699233	10.77021	1.168122	1.364155
#1	.0443390	.0325710	.2677495	-.009848	.0099901	66.34596	.5628753
#2	.0409924	.0312115	.2626917	-.010556	.0104954	66.55969	.5657876
#3	.0294717	.0222861	.2591492	-.011262	.0084947	65.13013	.5513425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044160	.0046415	690.4162	.0793131	.1104294	.1472112	146.1966
Stddev	.0001575	.0000280	8.4701	.0095628	.0020005	.0025450	1.6822
%RSD	3.566330	.6024081	1.226813	12.05707	1.811612	1.728813	1.150624
#1	.0045473	.0046653	693.0037	.0794785	.1124323	.1461860	146.9408
#2	.0044593	.0046107	697.2908	.0696687	.1084312	.1501090	147.3782
#3	.0042414	.0046485	680.9542	.0887922	.1104246	.1453388	144.2707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.860838	196.8824	.1520374	-.003800	1.103231	.1480750	.5340506
Stddev	.111250	2.6577	.0030574	.002593	.359835	.0009564	.0476431
%RSD	1.128198	1.349892	2.010931	68.24925	32.61652	.6458568	8.921079
#1	9.888937	197.8883	.1555451	-.004208	1.498714	.1477915	.5243369
#2	9.955345	198.8902	.1499379	-.001026	1.015835	.1491410	.4920130
#3	9.738233	193.8685	.1506291	-.006165	.795144	.1472923	.5858020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.160789	7.565013	-.045141	-.002950	4.097927	8.741086	.0986632
Stddev	.224134	.175625	.006388	.000631	.083103	.116788	.0014369
%RSD	2.746473	2.321540	14.15031	21.39919	2.027922	1.336081	1.456392
#1	8.278422	7.767632	-.048051	-.003679	4.193867	8.859834	.0985613
#2	8.301618	7.470996	-.037816	-.002554	4.051619	8.626362	.1001483
#3	7.902329	7.456411	-.049555	-.002619	4.048295	8.737063	.0972799

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-01 Acquired: 12/14/2024 16:40:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**1.311743**	**.4124110**	**.0923485**
Stddev	.019390	.0051416	.0035396
%RSD	1.478209	1.246728	3.832830
#1	1.318550	.4141650	.0884676
#2	1.326812	.4164462	.0953991
#3	1.289867	.4066219	.0931789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2215.986**	**28395.11**	**2530.099**	**1961.005**	**2364.243**
Stddev	28.635	2569.95	31.930	169.468	43.529
%RSD	1.292217	9.050678	1.261993	8.641886	1.841124
#1	2182.953	28426.00	2506.128	1960.880	2313.980
#2	2231.239	30949.48	2517.824	2130.536	2389.202
#3	2233.767	25809.86	2566.344	1791.600	2389.545

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-02 Acquired: 12/14/2024 16:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0352388	.0237754	.2509340	-.011431	.0104042	57.16754	.4986524
Stddev	.0012614	.0027480	.0034886	.005205	.0013289	1.42596	.0125654
%RSD	3.579485	11.55799	1.390247	45.53306	12.77240	2.494361	2.519876
#1	.0366649	.0243719	.2485144	-.017095	.0103173	55.80922	.4871699
#2	.0342694	.0261761	.2493545	-.006859	.0117744	58.65268	.5120751
#3	.0347822	.0207782	.2549329	-.010338	.0091209	57.04072	.4967122

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042729	.0044083	398.3403	.0773858	.0974332	.1598066	136.8924
Stddev	.0001426	.0002031	9.0706	.0015090	.0004715	.0093490	3.2628
%RSD	3.336356	4.606161	2.277086	1.949998	.4839064	5.850192	2.383497
#1	.0042240	.0046250	389.6268	.0791230	.0974372	.1547091	133.9402
#2	.0044335	.0042224	407.7300	.0763998	.0969598	.1541142	140.3957
#3	.0041612	.0043776	397.6642	.0766348	.0979027	.1705964	136.3413

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.908695	117.6039	.1421047	-.005662	.4937686	.1324641	.5385016
Stddev	.181155	2.7856	.0007347	.000531	.0992276	.0034738	.0054462
%RSD	2.290574	2.368636	.5170108	9.381572	20.09597	2.622462	1.011352
#1	7.737117	114.9901	.1418698	-.005978	.3797317	.1285624	.5352013
#2	8.098107	120.5343	.1415162	-.005049	.5411530	.1336083	.5447876
#3	7.890860	117.2874	.1429281	-.005960	.5604210	.1352214	.5355158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.557457	5.981688	-.056129	-.002001	3.378085	8.422303	.0235270
Stddev	.232412	.057542	.002906	.000880	.033148	.190710	.0011654
%RSD	3.544232	.9619644	5.178039	43.96923	.9812660	2.264349	4.953500
#1	6.317995	5.954328	-.054343	-.002824	3.358708	8.324294	.0248710
#2	6.782109	5.942932	-.059483	-.001074	3.359187	8.642089	.0229117
#3	6.572267	6.047805	-.054561	-.002106	3.416360	8.300528	.0227981

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-02 Acquired: 12/14/2024 16:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.084355	.2669389	.0824883
Stddev	.028302	.0062554	.0039871
%RSD	2.609993	2.343391	4.833531
#1	1.058626	.2610902	.0796289
#2	1.114669	.2735340	.0870429
#3	1.079769	.2661926	.0807932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.145	27114.59	2643.141	1862.889	2447.828
Stddev	10.250	229.59	58.850	9.534	13.955
%RSD	.4652498	.8467502	2.226512	.5118122	.5700872
#1	2206.062	26852.75	2686.524	1852.756	2455.176
#2	2211.620	27209.60	2576.153	1871.684	2456.574
#3	2191.752	27281.43	2666.746	1864.228	2431.735

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-04 Acquired: 12/14/2024 16:47:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3083435**	**.0118483**	**2.425872**	**.0221729**	**.0856613**	**93.07652**	**1.133960**
Stddev	.0051628	.0011163	.021389	.0030410	.0043559	.03910	.000574
%RSD	1.674375	9.421789	.8817019	13.71490	5.085071	.0420086	.0506571
#1	.3127765	.0131373	2.448516	.0204944	.0823406	93.09610	1.134333
#2	.3026750	.0111914	2.406011	.0256832	.0840500	93.10196	1.134248
#3	.3095791	.0112163	2.423089	.0203411	.0905933	93.03150	1.133298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0118493**	**.0090547**	**382.2640**	**.1022577**	**.1412148**	**.4174173**	**385.0101**
Stddev	.0001103	.0001243	.2615	.0029260	.0019501	.0064817	.8574
%RSD	.9308196	1.372378	.0684029	2.861349	1.380939	1.552810	.2226998
#1	.0119749	.0089765	382.1191	.0989763	.1430069	.4142295	384.1071
#2	.0117685	.0089895	382.5658	.1045951	.1391380	.4131468	385.8132
#3	.0118044	.0091980	382.1070	.1032018	.1414994	.4248756	385.1098

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.398403**	**153.3000**	**.2546521**	**-.021611**	**1.439100**	**.2388690**	**.8789654**
Stddev	.008486	.4422	.0025251	.001171	.603295	.0092868	.0248684
%RSD	.1572021	.2884358	.9915754	5.418599	41.92170	3.887816	2.829280
#1	5.389567	153.5925	.2572869	-.020487	1.885774	.2377850	.8509886
#2	5.406491	153.5162	.2522534	-.022824	.752809	.2301718	.8985583
#3	5.399150	152.7913	.2544160	-.021523	1.678719	.2486502	.8873493

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.322010**	**5.703705**	**-.134477**	**.0127431**	**14.91080**	**10.93621**	**.2512994**
Stddev	.060504	.059582	.001209	.0010327	.16562	.04258	.0017159
%RSD	.7270406	1.044619	.8992558	8.104210	1.110727	.3893335	.6828275
#1	8.391542	5.768169	-.133255	.0139251	15.06675	10.90104	.2521064
#2	8.293132	5.650657	-.135674	.0120152	14.73697	10.92403	.2493288
#3	8.281355	5.692290	-.134502	.0122891	14.92867	10.98354	.2524632

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-04 Acquired: 12/14/2024 16:47:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ19 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**2.519246**	**.4704245**	**.1264715**
Stddev	.007033	.0011135	.0077001
%RSD	.2791535	.2367029	6.088377
#1	2.522632	.4711063	.1175950
#2	2.523944	.4710276	.1313526
#3	2.511160	.4691395	.1304670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2016.207**	**24951.00**	**2319.603**	**1720.102**	**2418.788**
Stddev	25.143	335.08	7.930	23.014	31.319
%RSD	1.247047	1.342969	.3418810	1.337937	1.294821
#1	1988.344	25312.25	2317.396	1745.831	2383.032
#2	2037.203	24650.36	2313.011	1701.479	2441.358
#3	2023.074	24890.38	2328.403	1712.996	2431.974

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-05 Acquired: 12/14/2024 16:51:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1334878**	**.0237110**	**1.623866**	**.0170543**	**.0325011**	**94.34581**	**1.159399**
Stddev	.0080954	.0008335	.005240	.0012161	.0013595	.67749	.008043
%RSD	6.064517	3.515195	.3226613	7.130838	4.182914	.7180943	.6936993
#1	.1425304	.0227576	1.618636	.0175741	.0325551	94.97566	1.166520
#2	.1269150	.0243013	1.623847	.0156647	.0311154	94.43272	1.161000
#3	.1310180	.0240741	1.629115	.0179242	.0338328	93.62906	1.150676

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0077388**	**.0076188**	**130.3278**	**.1321619**	**.1287205**	**.2659359**	**199.7290**
Stddev	.0000936	.0000503	.8702	.0010957	.0001527	.0063216	1.4135
%RSD	1.209559	.6608894	.6677013	.8290578	.1186008	2.377113	.7077259
#1	.0078060	.0076769	131.2428	.1321663	.1287618	.2732310	200.7973
#2	.0077785	.0075891	130.2300	.1332554	.1285514	.2625074	200.2634
#3	.0076319	.0075903	129.5107	.1310640	.1288483	.2620691	198.1261

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.34249**	**41.30321**	**.2472922**	**-.006265**	**.1710881**	**.1939572**	**.8133221**
Stddev	.11044	.15868	.0007088	.000793	.4199196	.0085570	.0110840
%RSD	.6757800	.3841912	.2866384	12.65338	245.4405	4.411810	1.362799
#1	16.43968	41.44788	.2464968	-.006941	.6307448	.1891140	.8261090
#2	16.36538	41.32827	.2478572	-.005392	.0749358	.1889202	.8064541
#3	16.22239	41.13349	.2475224	-.006462	-.192416	.2038373	.8074033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.675404**	**8.828341**	**-.071825**	**.0025546**	**4.807009**	**9.779216**	**.0522388**
Stddev	.148799	.030372	.003695	.0004780	.024065	.033896	.0003376
%RSD	1.715182	.3440303	5.143999	18.71122	.5006305	.3466140	.6462030
#1	8.827585	8.801440	-.067819	.0023297	4.786364	9.747426	.0526277
#2	8.668392	8.822305	-.072557	.0022305	4.801222	9.814885	.0520212
#3	8.530235	8.861278	-.075098	.0031036	4.833439	9.775337	.0520675

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-05 Acquired: 12/14/2024 16:51:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ26 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.220769	.0103444	.0817682
Stddev	.009527	.0000973	.0028659
%RSD	.7804271	.9404214	3.504871
#1	1.229038	.0103809	.0785549
#2	1.222918	.0104182	.0840599
#3	1.210351	.0102342	.0826897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.542	30512.21	2804.344	2128.946	2584.715
Stddev	6.648	343.70	25.805	23.920	8.561
%RSD	.2697638	1.126435	.9201692	1.123571	.3312058
#1	2470.518	30347.39	2796.307	2116.843	2594.307
#2	2457.380	30281.97	2783.515	2113.496	2577.850
#3	2465.727	30907.28	2833.211	2156.499	2581.987

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-06 Acquired: 12/14/2024 16:55:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1620004**	**.0322401**	**.4865587**	**-.028955**	**.0124974**	**59.77032**
Stddev	.0027660	.0027184	.0120824	.005255	.0012415	.50948
%RSD	1.707418	8.431593	2.483239	18.14926	9.934450	.8523896
#1	.1646128	.0332208	.4792459	-.035019	.0113454	59.25639
#2	.1622856	.0291675	.4799255	-.025723	.0123344	59.77934
#3	.1591028	.0343321	.5005048	-.026124	.0138124	60.27522

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5575627**	**.0045690**	**.0082680**	F **1404.068**	**.0957882**	**.1122601**
Stddev	.0048950	.0000982	.0002260	32.236	.0008393	.0023578
%RSD	.8779261	2.149196	2.733648	2.295887	.8761730	2.100293
#1	.5523277	.0045858	.0083048	1366.909	.0966241	.1126711
#2	.5583344	.0044636	.0080258	1420.762	.0949456	.1097238
#3	.5620261	.0046578	.0084733	1424.534	.0957947	.1143853

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1123075**	**158.8064**	**10.17865**	**692.5524**	**.1674554**	**-.006914**
Stddev	.0033364	1.5777	.10982	6.9978	.0034027	.000551
%RSD	2.970727	.9934751	1.078897	1.010430	2.031977	7.972903
#1	.1101600	157.0212	10.05637	685.1115	.1686203	-.006301
#2	.1106114	159.3845	10.21071	693.5446	.1636232	-.007072
#3	.1161512	160.0135	10.26887	699.0011	.1701225	-.007369

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7946171**	**.1263285**	**1.279735**	**10.71764**	**5.752688**	**-.021648**
Stddev	.7344602	.0032626	.000604	.17185	.111633	.000541
%RSD	92.42945	2.582618	.0471838	1.603425	1.940529	2.499845
#1	1.544783	.1256327	1.279636	10.55811	5.743941	-.022158
#2	.076941	.1298828	1.279187	10.69520	5.645685	-.021704
#3	.762128	.1234699	1.280382	10.89961	5.868436	-.021081

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-06 Acquired: 12/14/2024 16:55:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ43 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000941	17.22631	10.38125	.0306550	.7915218	.4580631
Stddev	.000318	.33311	.04247	.0018209	.0120275	.0048030
%RSD	33.85264	1.933741	.4091499	5.939908	1.519537	1.048554
#1	-.001294	17.20439	10.33222	.0293121	.7776973	.4527457
#2	-.000853	16.90470	10.40459	.0327276	.7972848	.4593568
#3	-.000675	17.56984	10.40694	.0299254	.7995835	.4620868

Elem	Li6707
Units	ppm
Avg	.0969338
Stddev	.0041277
%RSD	4.258263
#1	.1005795
#2	.0924521
#3	.0977698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.579	24404.79	2400.078	1670.665	2118.306
Stddev	23.483	50.89	18.529	7.639	32.242
%RSD	1.207591	.2085340	.7720095	.4572304	1.522088
#1	1950.464	24416.64	2421.123	1667.865	2120.605
#2	1964.559	24349.02	2392.897	1664.822	2149.337
#3	1918.714	24448.72	2386.215	1679.309	2084.975

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-07 Acquired: 12/14/2024 16:59:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1347137**	**.0144175**	**.5746707**	**-.006943**	**.0355356**	**132.7172**
Stddev	.0030337	.0006570	.0374946	.013657	.0040634	3.4649
%RSD	2.251969	4.557019	6.524546	196.6946	11.43484	2.610719
#1	.1380728	.0147964	.5446386	.008823	.0358487	136.7172
#2	.1338949	.0136589	.5626794	-.015098	.0313247	130.6416
#3	.1321735	.0147972	.6166942	-.014555	.0394334	130.7929

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.658831**	**.0095405**	**.0104238**	F **917.6155**	**.1685150**	**.1526657**
Stddev	.045235	.0003403	.0012087	25.0207	.0041745	.0102627
%RSD	2.726893	3.566804	11.59532	2.726711	2.477212	6.722368
#1	1.710999	.0098247	.0092747	946.4262	.1676371	.1441894
#2	1.630501	.0091634	.0103123	901.3415	.1730587	.1497318
#3	1.634994	.0096334	.0116843	905.0787	.1648494	.1640759

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2602714**	**256.6704**	**7.008374**	**347.1267**	**.2950927**	**-.014138**
Stddev	.0094835	6.7588	.185259	9.0526	.0203730	.001445
%RSD	3.643701	2.633271	2.643390	2.607879	6.903945	10.22109
#1	.2675103	264.4634	7.222210	357.5406	.2774310	-.012564
#2	.2495361	252.4088	6.896342	341.1364	.2904658	-.015406
#3	.2637679	253.1389	6.906568	342.7032	.3173812	-.014443

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.084011**	**.2605399**	**1.640871**	**10.25152**	**8.218948**	**-.099945**
Stddev	.197002	.0118606	.032812	.38635	.571624	.004871
%RSD	18.17343	4.552327	1.999656	3.768694	6.954951	4.873410
#1	1.057867	.2730164	1.652561	10.63267	7.751491	-.094909
#2	.901386	.2494101	1.666236	10.26172	8.049108	-.100293
#3	1.292779	.2591932	1.603815	9.86017	8.856244	-.104632

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-07 Acquired: 12/14/2024 16:59:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ44 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025909	6.736284	10.45768	.0526231	1.031607	.8636586
Stddev	.0007448	.440957	.18478	.0011656	.024161	.0230245
%RSD	28.74599	6.545994	1.766937	2.214973	2.342067	2.665925
#1	.0026153	6.374227	10.66713	.0514300	1.058962	.8902349
#2	.0018342	6.607266	10.31771	.0526804	1.022676	.8497361
#3	.0033232	7.227359	10.38819	.0537591	1.013183	.8510047

Elem	Li6707
Units	ppm
Avg	.2007447
Stddev	.0049041
%RSD	2.442946
#1	.2025313
#2	.1951978
#3	.2045050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2106.660	26288.36	2519.939	1819.157	2265.523
Stddev	98.002	612.60	58.133	39.026	136.714
%RSD	4.651994	2.330291	2.306937	2.145279	6.034545
#1	2191.432	26266.07	2452.918	1811.113	2381.336
#2	2129.194	25687.21	2556.715	1784.780	2300.520
#3	1999.354	26911.79	2550.184	1861.579	2114.712

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-08 Acquired: 12/14/2024 17:03:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ45 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0662491	.0174061	.2875525	-.002265	.0354122	135.9771	1.742340
Stddev	.0047758	.0038603	.0025797	.003222	.0040498	2.2440	.026700
%RSD	7.208828	22.17759	.8971075	142.2364	11.43603	1.650257	1.532422
#1	.0679282	.0211651	.2902365	-.000994	.0348029	137.3003	1.755886
#2	.0699585	.0176012	.2873293	.000127	.0397321	137.2447	1.759551
#3	.0608605	.0134520	.2850917	-.005929	.0317017	133.3861	1.711582

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095307	.0099240	724.9123	.1725853	.1446774	.2562227	244.1972
Stddev	.0001050	.0000969	11.2144	.0002049	.0005924	.0027528	3.9911
%RSD	1.102027	.9762264	1.547003	.1187552	.4094385	1.074375	1.634384
#1	.0096518	.0100351	731.0710	.1724521	.1450549	.2591186	246.5499
#2	.0094759	.0098799	731.6978	.1728213	.1449827	.2559099	246.4527
#3	.0094643	.0098570	711.9680	.1724825	.1439947	.2536397	239.5890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.921417	229.6046	.2867272	-.012197	.4962847	.2600381	1.429906
Stddev	.087901	3.5147	.0034050	.000980	.0228821	.0092604	.008997
%RSD	1.484452	1.530748	1.187538	8.030736	4.610681	3.561190	.6292087
#1	5.960126	230.8543	.2881752	-.012742	.5215457	.2686134	1.422129
#2	5.983319	232.3236	.2891688	-.011066	.4903627	.2612825	1.427830
#3	5.820805	225.6358	.2828375	-.012783	.4769458	.2502183	1.439760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.419888	5.688811	-.103325	.0031602	2.775797	11.28257	.0332107
Stddev	.280317	.064515	.004089	.0008242	.042212	.25379	.0018333
%RSD	3.777919	1.134073	3.957614	26.07942	1.520720	2.249370	5.520287
#1	7.516505	5.709561	-.107742	.0023551	2.789162	11.48266	.0317454
#2	7.639117	5.740398	-.102561	.0031232	2.809709	11.36796	.0326201
#3	7.104041	5.616474	-.099672	.0040022	2.728521	10.99711	.0352665

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-08 Acquired: 12/14/2024 17:03:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ45 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.012104	.9818332	.2005860
Stddev	.015748	.0164393	.0075247
%RSD	1.555923	1.674347	3.751364
#1	1.016030	.9891844	.2057418
#2	1.025517	.9933141	.2040649
#3	.994765	.9630010	.1919513

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2117.119	26206.70	2524.361	1817.642	2336.446
Stddev	18.034	78.14	57.080	5.221	25.661
%RSD	.8518233	.2981795	2.261156	.2872293	1.098278
#1	2118.222	26253.44	2490.208	1821.786	2332.684
#2	2098.558	26116.49	2492.619	1811.778	2312.874
#3	2134.576	26250.17	2590.256	1819.361	2363.780

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-09 Acquired: 12/14/2024 17:06:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ46 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0446744	.0103964	.2529327	.0040077	.0350666	149.5450	1.955405
Stddev	.0017719	.0019695	.0015420	.0021598	.0028635	.1549	.002599
%RSD	3.966186	18.94404	.6096329	53.89156	8.165912	.1035492	.1329345
#1	.0465135	.0083724	.2521639	.0016826	.0352050	149.3744	1.958349
#2	.0445314	.0123064	.2519264	.0059514	.0378583	149.6767	1.954439
#3	.0429784	.0105105	.2547079	.0043891	.0321364	149.5838	1.953427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104533	.0089036	431.9536	.1848333	.1452434	.2582803	247.4277
Stddev	.0000426	.0002473	.5068	.0011814	.0005982	.0064873	.5320
%RSD	.4077666	2.777258	.1173363	.6391879	.4118549	2.511713	.2150195
#1	.0104433	.0086630	431.4924	.1835693	.1445608	.2512715	248.0408
#2	.0105001	.0091571	431.8722	.1859098	.1454934	.2594952	247.0873
#3	.0104166	.0088906	432.4962	.1850207	.1456761	.2640742	247.1551

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.451278	128.4915	.3085758	-.012958	.5045145	.2627771	1.174898
Stddev	.008855	.0842	.0018771	.001239	.5226539	.0033067	.011301
%RSD	.1989341	.0655103	.6082987	9.561013	103.5954	1.258364	.9619072
#1	4.456253	128.5883	.3071299	-.014315	.2180521	.2613076	1.185212
#2	4.456528	128.4514	.3106971	-.011887	.1877223	.2665639	1.176666
#3	4.441054	128.4349	.3079005	-.012672	1.107769	.2604599	1.162817

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.363826	5.597808	-.112578	.0024369	1.715867	10.62947	.0316898
Stddev	.193136	.022371	.002447	.0004154	.012169	.04104	.0017371
%RSD	2.622768	.3996318	2.173224	17.04510	.7092314	.3860815	5.481422
#1	7.180875	5.572403	-.114507	.0023869	1.701883	10.63205	.0334893
#2	7.344855	5.614559	-.113401	.0028750	1.721663	10.66916	.0315571
#3	7.565747	5.606462	-.109826	.0020487	1.724055	10.58720	.0300228

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-09 Acquired: 12/14/2024 17:06:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ46 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.026516	.7931383	.2133567
Stddev	.007877	.0018750	.0043817
%RSD	.7673397	.2363992	2.053675
#1	1.033309	.7946669	.2140153
#2	1.028357	.7937018	.2173718
#3	1.017881	.7910462	.2086831

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.442	26866.46	2549.001	1866.364	2384.130
Stddev	3.090	15.34	9.994	1.748	5.018
%RSD	.1444441	.0570833	.3920946	.0936630	.2104824
#1	2138.505	26870.60	2543.363	1864.723	2386.564
#2	2136.929	26849.48	2543.099	1866.168	2378.359
#3	2142.893	26879.30	2560.540	1868.202	2387.468

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-10 Acquired: 12/14/2024 17:10:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0504093**	**.0306993**	**.5429437**	**-.024973**	**.0130317**	**88.42112**
Stddev	.0074080	.0010469	.0037626	.009511	.0028266	.33380
%RSD	14.69574	3.410031	.6930076	38.08690	21.69002	.3775118
#1	.0467456	.0295830	.5449333	-.017480	.0134995	88.47590
#2	.0455470	.0308558	.5386040	-.035673	.0155951	88.06332
#3	.0589354	.0316590	.5452938	-.021765	.0100003	88.72414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.360339**	**.0068756**	**.0071432**	F **1512.133**	**.1160165**	**.1240513**
Stddev	.005766	.0001248	.0001578	19.972	.0004909	.0008759
%RSD	.4238597	1.815199	2.209859	1.320799	.4231590	.7060874
#1	1.362500	.0067412	.0073232	1491.826	.1164774	.1244581
#2	1.353804	.0068978	.0070777	1512.821	.1160719	.1230460
#3	1.364712	.0069878	.0070286	1531.752	.1155002	.1246499

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1861125**	**176.4506**	**8.522840**	**159.0905**	**.1997157**	**-.008672**
Stddev	.0045184	.8199	.053666	.4983	.0006053	.001008
%RSD	2.427771	.4646518	.6296697	.3132205	.3030849	11.62875
#1	.1861604	176.4669	8.511604	159.0364	.2002129	-.008628
#2	.1815704	175.6227	8.475682	158.6214	.1990417	-.009701
#3	.1906068	177.2622	8.581234	159.6136	.1998926	-.007686

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6872519**	**.1789130**	**.9324711**	**5.145829**	**4.938520**	**-.068781**
Stddev	.5573716	.0070047	.0111985	.058672	.026349	.001492
%RSD	81.10149	3.915119	1.200948	1.140177	.5335423	2.168733
#1	.1913618	.1759571	.9392283	5.094669	4.956764	-.067096
#2	1.290490	.1738708	.9386403	5.132946	4.908312	-.069933
#3	.579905	.1869111	.9195446	5.209871	4.950485	-.069313

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-10 Acquired: 12/14/2024 17:10:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ47 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012073	2.305722	10.55962	.0552962	.9286322	1.072767
Stddev	.0003738	.019276	.08223	.0028848	.0031213	.003071
%RSD	30.96207	.8360072	.7787107	5.217031	.3361161	.2862461
#1	.0013909	2.315348	10.52914	.0584096	.9306058	1.071668
#2	.0014538	2.283529	10.49699	.0547653	.9302571	1.070396
#3	.0007772	2.318290	10.65274	.0527137	.9250337	1.076235

Elem	Li6707
Units	ppm
Avg	.1234322
Stddev	.0043749
%RSD	3.544363
#1	.1226775
#2	.1194838
#3	.1281354

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.660	24364.20	2404.929	1694.702	2196.722
Stddev	12.976	67.24	18.080	7.216	17.643
%RSD	.6505555	.2759932	.7518036	.4258138	.8031611
#1	1984.735	24286.59	2404.720	1686.391	2182.990
#2	2009.344	24404.93	2423.113	1699.380	2216.621
#3	1989.901	24401.08	2386.954	1698.334	2190.555

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-12 Acquired: 12/14/2024 17:14:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0970966	.0108395	1.159950	.0143487	.0274883	79.56141	.7391617
Stddev	.0031304	.0038023	.005114	.0043908	.0018636	.33524	.0036457
%RSD	3.224023	35.07814	.4408864	30.60059	6.779490	.4213657	.4932196
#1	.0955243	.0067326	1.165631	.0163028	.0294779	79.35042	.7379858
#2	.0950641	.0142374	1.155714	.0174232	.0272035	79.94797	.7432502
#3	.1007016	.0115486	1.158504	.0093201	.0257835	79.38582	.7362491

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057281	.0047142	101.2600	.1155544	.1053686	.1951576	178.7742
Stddev	.0000460	.0002711	.5993	.0011254	.0004590	.0063149	1.2015
%RSD	.8034053	5.750889	.5918376	.9738917	.4356367	3.235790	.6720786
#1	.0057246	.0045300	100.9727	.1142634	.1058375	.1886582	177.6912
#2	.0057758	.0045870	101.9488	.1160718	.1049202	.1955447	180.0667
#3	.0056839	.0050255	100.8584	.1163280	.1053481	.2012701	178.5646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.417718	37.18734	.2184561	-.006226	.5234871	.1853200	.6423912
Stddev	.046366	.35743	.0007577	.000749	.5598788	.0015998	.0036075
%RSD	.5508153	.9611519	.3468635	12.02620	106.9518	.8632829	.5615732
#1	8.367728	36.90667	.2187860	-.005430	1.088719	.1839482	.6382941
#2	8.459313	37.58973	.2189931	-.006331	-.030881	.1870774	.6437882
#3	8.426113	37.06564	.2175894	-.006916	.512624	.1849344	.6450912

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.776261	8.105097	-.085338	.0033532	2.700339	9.269933	.0341938
Stddev	.157425	.007110	.004342	.0004653	.007491	.098353	.0003138
%RSD	2.323183	.0877209	5.087875	13.87680	.2773929	1.060986	.9175997
#1	6.608152	8.113254	-.081567	.0034393	2.704481	9.156752	.0341209
#2	6.920209	8.100216	-.084362	.0037694	2.704843	9.334635	.0339229
#3	6.800422	8.101820	-.090084	.0028508	2.691692	9.318411	.0345376

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-12 Acquired: 12/14/2024 17:14:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.243004	-.010796	.0928814
Stddev	.003099	.000516	.0036219
%RSD	.2493473	4.781220	3.899462
#1	1.246533	-.010317	.0954369
#2	1.240723	-.011343	.0944706
#3	1.241757	-.010729	.0887366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2257.133	27944.77	2558.486	1950.715	2613.844
Stddev	7.208	96.88	21.597	1.885	8.229
%RSD	.3193524	.3466782	.8441335	.0966529	.3148247
#1	2249.613	28054.31	2583.340	1952.810	2606.162
#2	2257.805	27870.36	2547.826	1950.180	2612.841
#3	2263.982	27909.62	2544.291	1949.155	2622.529

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV018 Acquired: 12/14/2024 17:31:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.877363**	**5.156593**	**24.06225**	**4.656923**	**4.693419**	**418.3785**	**10.52874**
Stddev	.011862	.007941	.04673	.012465	.004480	4.3380	.10386
%RSD	.2432139	.1539882	.1942099	.2676629	.0954562	1.036872	.9864826
#1	4.864545	5.161494	24.10425	4.653868	4.698415	413.4119	10.40993
#2	4.879589	5.160853	24.07060	4.670632	4.692083	421.4256	10.60235
#3	4.887954	5.147432	24.01191	4.646271	4.689759	420.2981	10.57392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4712121**	**2.387678**	**407.9648**	**14.67279**	**2.293165**	**15.30334**	**414.0863**
Stddev	.0071519	.004972	4.5666	.02605	.005275	.18308	5.0752
%RSD	1.517765	.2082455	1.119362	.1775202	.2300317	1.196317	1.225633
#1	.4641556	2.392619	402.7869	14.70212	2.299092	15.09214	408.2336
#2	.4784557	2.387741	411.4175	14.66386	2.291419	15.41683	417.2713
#3	.4710250	2.382675	409.6901	14.65238	2.288985	15.40105	416.7540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.13208**	**385.1496**	**2.376107**	**1.247677**	**400.6717**	**2.519064**	**14.01661**
Stddev	.18212	4.8747	.006181	.003258	4.2913	.034697	.03595
%RSD	1.203547	1.265661	.2601152	.2611196	1.071029	1.377360	.2564462
#1	14.92432	379.5526	2.382317	1.251151	395.7806	2.480102	14.05187
#2	15.26415	388.4658	2.376049	1.244689	402.4295	2.546626	13.98002
#3	15.20777	387.4304	2.369956	1.247192	403.8050	2.530464	14.01795

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**153.4268**	**4.836127**	**4.621998**	**4.875842**	**4.723466**	**4.900762**	**4.946138**
Stddev	1.5095	.014167	.070331	.007045	.020429	.062066	.006945
%RSD	.9838537	.2929504	1.521653	.1444826	.4325064	1.266452	.1404195
#1	151.6841	4.851959	4.548227	4.873404	4.740432	4.838466	4.945490
#2	154.3244	4.831779	4.688291	4.883782	4.729177	4.962595	4.953385
#3	154.2720	4.824644	4.629477	4.870340	4.700788	4.901225	4.939539

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV018 Acquired: 12/14/2024 17:31:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.100500	4.679315	5.294994
Stddev	.059650	.056203	.050869
%RSD	1.169490	1.201094	.9607066
#1	5.032565	4.614420	5.236395
#2	5.144301	4.712262	5.327797
#3	5.124635	4.711262	5.320791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1616.585	22044.61	2142.765	1450.893	2228.501
Stddev	4.567	125.89	18.145	5.738	9.708
%RSD	.2825308	.5710794	.8468242	.3955047	.4356374
#1	1613.444	21980.99	2163.277	1444.276	2219.088
#2	1614.487	22189.62	2128.807	1454.493	2227.936
#3	1621.825	21963.23	2136.212	1453.911	2238.479

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB018 Acquired: 12/14/2024 17:35:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001285**	**-.001764**	**.0030278**	**.0032350**	**-.001094**	**.0075422**	**-.001889**
Stddev	.002840	.001659	.0021755	.0011638	.002175	.0114898	.000842
%RSD	221.0418	94.05365	71.85069	35.97633	198.8511	152.3404	44.58579
#1	-.004464	-.001031	.0052509	.0023661	-.000543	-.003129	-.002105
#2	.001004	-.000597	.0029292	.0027817	.000753	.006050	-.002603
#3	-.000395	-.003663	.0009033	.0045573	-.003491	.019705	-.000960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000070**	**-.000124**	**-.033422**	**.0003349**	**.0000556**	**-.004639**	**-.019518**
Stddev	.000113	.000027	.029174	.0010381	.0002757	.007137	.036429
%RSD	160.2727	22.03732	87.29030	309.9186	495.6057	153.8359	186.6487
#1	.000002	-.000112	-.059821	.0005118	-.000262	-.008005	-.008641
#2	-.000200	-.000105	-.038345	.0012732	.000191	-.009471	-.060146
#3	-.000013	-.000155	-.002100	-.000780	.000237	.003558	.010235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002199**	**.0186548**	**-.000511**	**.0026776**	**-.023633**	**.0049615**	**-.001261**
Stddev	.001595	.0160849	.000651	.0014033	1.063357	.0101805	.003327
%RSD	72.51138	86.22345	127.2096	52.40719	4499.480	205.1909	263.8323
#1	-.003075	.0363992	-.001259	.0016902	.518018	.0024280	.000893
#2	-.003164	.0050313	-.000203	.0020587	.659842	.0161694	.000417
#3	-.000359	.0145340	-.000073	.0042839	-1.24876	-.003713	-.005093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5368055**	**-.001894**	**.0111460**	**.0007969**	**-.009925**	**-.033581**	**.0003115**
Stddev	.0843830	.001359	.0014355	.0006098	.002003	.001222	.0014672
%RSD	15.71947	71.73165	12.87884	76.52065	20.18182	3.639043	470.9808
#1	.6189247	-.003461	.0121433	.0007535	-.010394	-.034409	.0005488
#2	.5411641	-.001187	.0095008	.0002100	-.011652	-.034157	.0016456
#3	.4503277	-.001035	.0117940	.0014272	-.007729	-.032178	-.001260

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB018 Acquired: 12/14/2024 17:35:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB018 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002714	.0002641	.0021479
Stddev	.000660	.0002253	.0040091
%RSD	24.32390	85.32253	186.6569
#1	-.002744	.0002437	.0028266
#2	-.002040	.0004989	.0057743
#3	-.003359	.0000496	-.002157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.042	24320.41	2172.506	1691.374	2765.672
Stddev	9.757	562.82	26.905	36.304	16.113
%RSD	.4975593	2.314203	1.238412	2.146430	.5825908
#1	1959.373	24969.20	2145.023	1733.282	2763.538
#2	1952.227	23963.13	2198.792	1669.541	2750.733
#3	1971.527	24028.92	2173.702	1671.298	2782.746

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-13 Acquired: 12/14/2024 17:39:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1191921**	**.0132993**	**1.169017**	**.0158988**	**.0341041**	**91.98167**	**.9339558**
Stddev	.0009575	.0039403	.003455	.0057420	.0018053	.05396	.0007062
%RSD	.8033379	29.62809	.2955126	36.11632	5.293545	.0586670	.0756125
#1	.1182292	.0129051	1.165466	.0191859	.0360606	91.93871	.9331443
#2	.1201441	.0095709	1.169220	.0092685	.0337489	92.04223	.9342927
#3	.1192030	.0174218	1.172366	.0192419	.0325028	91.96406	.9344305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069457**	**.0059238**	**101.7482**	**.1255354**	**.1292165**	**.1978263**	**212.2038**
Stddev	.0000338	.0001989	.1675	.0023084	.0008688	.0017693	.4641
%RSD	.4872710	3.358246	.1645875	1.838815	.6723810	.8943817	.2187152
#1	.0069771	.0057249	101.5588	.1229235	.1291871	.1962707	212.0782
#2	.0069501	.0061227	101.8768	.1263811	.1283628	.1974570	212.7178
#3	.0069099	.0059239	101.8090	.1273017	.1300997	.1997511	211.8154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.50339**	**41.29526**	**.2489471**	**-.008613**	**.5572554**	**.2344555**	**.6508242**
Stddev	.02249	.08041	.0014983	.000683	.2810434	.0170917	.0132675
%RSD	.2141032	.1947209	.6018604	7.934030	50.43350	7.289972	2.038572
#1	10.50015	41.32034	.2476676	-.008324	.7383246	.2465324	.6609660
#2	10.52732	41.36015	.2485784	-.009394	.6999501	.2419351	.6358092
#3	10.48269	41.20530	.2505954	-.008122	.2334916	.2148990	.6556975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.757898**	**8.973602**	**-.089327**	**.0036163**	**1.701687**	**8.905825**	**.0397803**
Stddev	.080775	.047287	.004086	.0005033	.014655	.019810	.0021315
%RSD	1.041200	.5269586	4.574362	13.91820	.8612263	.2224341	5.358084
#1	7.821886	8.925211	-.086978	.0041812	1.685997	8.884102	.0419617
#2	7.667135	8.975891	-.086958	.0032154	1.704043	8.922892	.0396766
#3	7.784673	9.019702	-.094046	.0034525	1.715022	8.910481	.0377025

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-13 Acquired: 12/14/2024 17:39:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.467525	-.037780	.1247443
Stddev	.007770	.000483	.0042926
%RSD	.5294808	1.278582	3.441120
#1	1.468629	-.037693	.1296979
#2	1.474685	-.038300	.1224173
#3	1.459263	-.037346	.1221177

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.216	29552.51	2729.280	2054.642	2609.867
Stddev	9.269	43.63	7.750	3.864	9.025
%RSD	.3871257	.1476222	.2839715	.1880495	.3457969
#1	2401.998	29597.69	2720.923	2057.788	2618.458
#2	2396.687	29549.22	2736.232	2055.808	2610.680
#3	2383.962	29510.63	2730.686	2050.329	2600.463

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-14 Acquired: 12/14/2024 17:42:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1994719	.0247559	8.444405	.0197782	.0311166	69.92256	1.511386
Stddev	.0028520	.0029679	.083075	.0019426	.0016661	.29536	.007252
%RSD	1.429796	11.98847	.9837858	9.821769	5.354218	.4224057	.4798521
#1	.1964696	.0231141	8.408213	.0181059	.0326059	69.70776	1.504408
#2	.1998010	.0281819	8.539437	.0219090	.0293173	70.25938	1.518885
#3	.2021451	.0229717	8.385567	.0193197	.0314265	69.80054	1.510864

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065299	.0054461	171.7963	.0909169	.1340290	.3765582	218.0058
Stddev	.0001158	.0001310	.3670	.0002748	.0017028	.0132628	.6576
%RSD	1.774023	2.404514	.2136333	.3022576	1.270466	3.522113	.3016318
#1	.0064988	.0053062	171.7374	.0910784	.1336367	.3918700	217.3732
#2	.0064328	.0054661	172.1892	.0905996	.1358937	.3691555	218.6858
#3	.0066581	.0055658	171.4624	.0910727	.1325566	.3686492	217.9585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.75281	26.02350	.1912795	-.007296	.3227122	.2108732	.5985059
Stddev	.04268	.04079	.0023389	.000476	.4015885	.0049036	.0112313
%RSD	.2547418	.1567257	1.222792	6.520357	124.4417	2.325364	1.876560
#1	16.72357	26.03551	.1908988	-.007166	.6843027	.2055108	.5902154
#2	16.80178	25.97806	.1937855	-.006900	.3933380	.2151288	.6112879
#3	16.73307	26.05693	.1891543	-.007824	-.109504	.2119799	.5940144

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.141311	6.465065	-.096797	.0059067	2.399705	9.475127	.0474197
Stddev	.067304	.047822	.001514	.0005007	.020903	.008797	.0022042
%RSD	.9424548	.7397013	1.564249	8.475963	.8710467	.0928414	4.648252
#1	7.135280	6.438318	-.095293	.0053593	2.391682	9.464973	.0448903
#2	7.077227	6.520276	-.098321	.0060196	2.423430	9.480430	.0484391
#3	7.211428	6.436600	-.096778	.0063414	2.384002	9.479978	.0489297

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-14 Acquired: 12/14/2024 17:42:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.161867	.0320615	.1027783
Stddev	.007904	.0011710	.0026511
%RSD	.6802964	3.652277	2.579454
#1	1.156894	.0320881	.1027451
#2	1.170982	.0332189	.1054458
#3	1.157726	.0308774	.1001439

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.602	28599.21	2641.515	1990.418	2578.128
Stddev	16.577	133.54	2.397	10.524	23.541
%RSD	.7140433	.4669527	.0907314	.5287300	.9130879
#1	2327.579	28505.96	2644.178	1990.308	2585.100
#2	2302.866	28539.47	2639.530	1979.950	2551.889
#3	2334.363	28752.19	2640.839	2000.997	2597.396

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-15 Acquired: 12/14/2024 17:46:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1346054**	**.0353389**	**2.776334**	**.0189162**	**.0284550**	**79.55042**	**1.180330**
Stddev	.0053159	.0028462	.021928	.0010310	.0004958	.04309	.001194
%RSD	3.949251	8.054110	.7898044	5.450633	1.742395	.0541659	.1011462
#1	.1348735	.0379385	2.796617	.0200614	.0279521	79.55152	1.179159
#2	.1291604	.0357804	2.779317	.0186256	.0284694	79.59295	1.180286
#3	.1397821	.0322977	2.753067	.0180617	.0289434	79.50679	1.181546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0062241**	**.0053325**	**222.4669**	**.0928727**	**.1294239**	**.3027044**	**206.5356**
Stddev	.0001794	.0001701	.5777	.0007571	.0008839	.0055950	.0294
%RSD	2.881638	3.189805	.2596620	.8152192	.6829803	1.848349	.0142533
#1	.0063698	.0054344	222.6843	.0937271	.1303711	.3066514	206.5484
#2	.0062787	.0054270	222.9043	.0926055	.1292793	.2963014	206.5020
#3	.0060238	.0051361	221.8121	.0922853	.1286211	.3051604	206.5565

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.94763**	**26.77611**	**.1539562**	**-.005135**	**.7464950**	**.1951797**	**.3253659**
Stddev	.02771	.03522	.0015130	.000726	.7816860	.0037607	.0075045
%RSD	.1207398	.1315370	.9827767	14.13871	104.7142	1.926793	2.306484
#1	22.96758	26.81126	.1537341	-.005032	1.574673	.1949179	.3234939
#2	22.91599	26.74082	.1555680	-.004466	.643251	.1915567	.3189746
#3	22.95931	26.77626	.1525664	-.005907	.021562	.1990644	.3336292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.255527**	**7.107051**	**-.087241**	**.0007082**	**1.752530**	**9.606811**	**.0317181**
Stddev	.045917	.068113	.001295	.0003734	.011534	.063678	.0003811
%RSD	.6328546	.9583858	1.484348	52.72054	.6581459	.6628418	1.201419
#1	7.258885	7.158062	-.087580	.0003382	1.759200	9.541277	.0318114
#2	7.299673	7.133388	-.088332	.0010849	1.759178	9.668455	.0320438
#3	7.208024	7.029701	-.085810	.0007015	1.739211	9.610700	.0312990

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-15 Acquired: 12/14/2024 17:46:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.073606	.0721672	.0777388
Stddev	.004123	.0007439	.0036020
%RSD	.3839986	1.030825	4.633422
#1	1.078307	.0728156	.0736230
#2	1.070606	.0713550	.0803156
#3	1.071904	.0723309	.0792777

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.570	29367.06	2720.255	2045.011	2595.645
Stddev	17.418	80.41	9.273	8.352	20.431
%RSD	.7255711	.2738101	.3408873	.4083968	.7871311
#1	2385.461	29458.11	2729.453	2050.578	2578.576
#2	2396.628	29337.28	2710.909	2049.048	2590.076
#3	2419.621	29305.79	2720.402	2035.408	2618.283

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-16 Acquired: 12/14/2024 17:50:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1310864**	**.0334811**	**1.690376**	**.0221753**	**.0349505**	**92.91045**	**1.114737**
Stddev	.0024189	.0024755	.031044	.0033387	.0019986	.75963	.008261
%RSD	1.845290	7.393614	1.836527	15.05580	5.718377	.8175949	.7411101
#1	.1324777	.0326041	1.700066	.0259970	.0333922	92.06771	1.105543
#2	.1324883	.0362757	1.715419	.0198257	.0372038	93.12118	1.117133
#3	.1282933	.0315636	1.655642	.0207032	.0342553	93.54247	1.121536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0072048**	**.0058068**	**190.0645**	**.1001127**	**.1475174**	**.2763479**	**231.3090**
Stddev	.0002344	.0003172	1.5976	.0038901	.0031375	.0027686	2.0996
%RSD	3.253191	5.462478	.8405689	3.885685	2.126868	1.001844	.9076961
#1	.0069442	.0058647	188.2496	.1025771	.1488806	.2795446	228.9473
#2	.0073984	.0060910	190.6858	.0956282	.1497428	.2747202	232.0158
#3	.0072717	.0054646	191.2581	.1021329	.1439289	.2747789	232.9641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.53807**	**27.80416**	**.1649761**	**-.005267**	**.4272214**	**.2189472**	**.3554773**
Stddev	.19281	.28598	.0037075	.002441	.8452368	.0107026	.0084721
%RSD	.8554651	1.028549	2.247294	46.35003	197.8451	4.888189	2.383311
#1	22.31827	27.47827	.1681435	-.007843	1.394408	.2067166	.3584245
#2	22.61729	27.92096	.1658868	-.002988	-.169678	.2235280	.3459252
#3	22.67864	28.01325	.1608982	-.004968	.056934	.2265969	.3620822

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.599761**	**7.071555**	**-.119007**	**-.000083**	**1.887911**	**7.512203**	**.0325314**
Stddev	.080643	.145897	.005265	.000422	.037758	.067043	.0021388
%RSD	1.221915	2.063159	4.423961	510.6042	1.999962	.8924541	6.574604
#1	6.563205	7.096549	-.121414	-.000566	1.889712	7.505567	.0312778
#2	6.543870	7.203341	-.112968	.000211	1.924736	7.448725	.0350010
#3	6.692209	6.914775	-.122637	.000107	1.849285	7.582318	.0313155

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-16 Acquired: 12/14/2024 17:50:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.029767	.0549300	.0816559
Stddev	.008818	.0006574	.0046622
%RSD	.8562899	1.196798	5.709524
#1	1.020261	.0553983	.0832222
#2	1.037679	.0552131	.0764123
#3	1.031361	.0541784	.0853332

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.160	29656.86	2753.332	2065.910	2548.878
Stddev	25.323	711.44	7.101	53.178	46.033
%RSD	1.063481	2.398892	.2579129	2.574079	1.805998
#1	2371.127	29304.33	2757.544	2033.977	2535.310
#2	2362.391	30475.72	2757.319	2127.299	2511.154
#3	2409.963	29190.53	2745.134	2036.455	2600.170

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-17 Acquired: 12/14/2024 17:54:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059781	.0112380	.3500493	.0439009	.0464185	100.6961	.8602785
Stddev	.0032215	.0032507	.0019285	.0034671	.0039859	2.7154	.0242759
%RSD	3.039777	28.92625	.5509316	7.897626	8.586816	2.696627	2.821865
#1	.1043712	.0129739	.3478531	.0436357	.0426017	99.1834	.8489803
#2	.1038761	.0074878	.3514667	.0405739	.0460997	99.0740	.8437109
#3	.1096869	.0132523	.3508280	.0474930	.0505543	103.8310	.8881443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082621	.0049316	38.09657	.0991034	.1371421	.1488752	245.6643
Stddev	.0001638	.0001470	1.00937	.0018659	.0016330	.0040841	6.8106
%RSD	1.982308	2.981552	2.649494	1.882784	1.190716	2.743318	2.772321
#1	.0082107	.0050192	37.49181	.0976384	.1382808	.1441598	242.2020
#2	.0081301	.0050138	37.53610	.0984678	.1378743	.1511744	241.2804
#3	.0084454	.0047618	39.26181	.1012041	.1352711	.1512914	253.5105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.55056	20.57900	.1418061	-.007402	.3984342	.2386464	.2490042
Stddev	.51965	.53816	.0006632	.001291	.5733440	.0124948	.0051843
%RSD	2.801247	2.615111	.4676717	17.44212	143.8993	5.235700	2.082004
#1	18.28397	20.27920	.1420419	-.006484	-.021977	.2305747	.2486523
#2	18.21831	20.25750	.1423191	-.008878	.165736	.2323259	.2440049
#3	19.14940	21.20029	.1410572	-.006842	1.051544	.2530387	.2543555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.590629	2.527292	-.150605	.0009745	.7018840	10.07114	.0274223
Stddev	.186459	.008376	.002308	.0006409	.0036763	.25195	.0006526
%RSD	4.061725	.3314194	1.532181	65.76789	.5237781	2.501660	2.379702
#1	4.548420	2.532079	-.151190	.0003013	.7037775	9.92716	.0276321
#2	4.428893	2.532176	-.148062	.0010448	.7042276	9.92420	.0266907
#3	4.794574	2.517620	-.152564	.0015773	.6976469	10.36206	.0279442

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-17 Acquired: 12/14/2024 17:54:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.082566	-.120561	.0626740
Stddev	.028205	.002860	.0014722
%RSD	2.605415	2.372089	2.349031
#1	1.066183	-.118915	.0609823
#2	1.066381	-.118904	.0633744
#3	1.115135	-.123863	.0636653

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2395.963	29673.97	2652.442	2083.471	2647.099
Stddev	7.181	546.39	55.745	42.417	13.588
%RSD	.2997123	1.841304	2.101664	2.035873	.5133338
#1	2388.003	29985.76	2672.912	2109.597	2633.235
#2	2397.932	29993.07	2695.059	2106.286	2647.667
#3	2401.954	29043.07	2589.356	2034.529	2660.394

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-18 Acquired: 12/14/2024 17:58:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1182387**	**.0095112**	**.2744739**	**.0442438**	**.0520886**	**97.23727**	**.8947271**
Stddev	.0021281	.0015444	.0033910	.0021569	.0018107	.66455	.0047440
%RSD	1.799862	16.23788	1.235469	4.875155	3.476203	.6834269	.5302121
#1	.1206407	.0111616	.2761339	.0424388	.0540199	97.86141	.8996845
#2	.1165886	.0081009	.2767151	.0436601	.0518167	97.31181	.8942667
#3	.1174867	.0092710	.2705726	.0466326	.0504292	96.53860	.8902302

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0086148**	**.0068620**	**32.52572**	**.0980527**	**.1291503**	**.1939136**	**282.0007**
Stddev	.0002327	.0001726	.24445	.0016681	.0018513	.0038911	2.1764
%RSD	2.701617	2.515949	.7515477	1.701256	1.433417	2.006633	.7717615
#1	.0087945	.0069825	32.70006	.0997831	.1312234	.1947473	284.2968
#2	.0083519	.0069393	32.63079	.0979203	.1285654	.1973204	281.7372
#3	.0086980	.0066642	32.24630	.0964547	.1276622	.1896733	279.9681

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.01317**	**21.46388**	**.1778839**	**-.010215**	**.3326036**	**.2601432**	**.2338455**
Stddev	.11387	.10943	.0019377	.001932	.2982328	.0022658	.0088428
%RSD	.5988842	.5098397	1.089281	18.91104	89.66613	.8709904	3.781484
#1	19.12098	21.57288	.1800293	-.009217	-.011422	.2626866	.2387182
#2	19.02445	21.46475	.1773612	-.012442	.491290	.2583400	.2391801
#3	18.89409	21.35402	.1762612	-.008987	.517943	.2594030	.2236381

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.938659**	**2.247186**	**-.181752**	**.0008409**	**.6274648**	**8.278400**	**.0284789**
Stddev	.081929	.032690	.006748	.0002767	.0074169	.054790	.0030411
%RSD	1.379594	1.454717	3.712997	32.90406	1.182049	.6618482	10.67825
#1	5.851745	2.284902	-.183795	.0011566	.6359980	8.340226	.0271100
#2	6.014471	2.229664	-.174218	.0007260	.6238297	8.235860	.0263630
#3	5.949762	2.226992	-.187243	.0006402	.6225666	8.259114	.0319639

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-18 Acquired: 12/14/2024 17:58:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8219971	-.187055	.0671450
Stddev	.0086704	.001425	.0023027
%RSD	1.054799	.7619957	3.429419
#1	.8300205	-.188455	.0681464
#2	.8231714	-.187104	.0645112
#3	.8127993	-.185606	.0687775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2812.704	34376.05	3122.665	2407.194	2678.371
Stddev	16.718	565.15	19.605	42.432	29.315
%RSD	.5943651	1.644033	.6278224	1.762700	1.094498
#1	2794.305	33883.59	3101.831	2373.403	2644.564
#2	2816.845	34251.47	3140.750	2393.363	2693.794
#3	2826.962	34993.10	3125.415	2454.815	2696.754

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-22 Acquired: 12/14/2024 18:02:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0682537	.0177676	.6733049	-.009406	.0262238	105.2933
Stddev	.0008591	.0017533	.0023183	.007584	.0007678	.9247
%RSD	1.258718	9.868004	.3443234	80.62826	2.927969	.8782139
#1	.0682873	.0180116	.6738486	-.015955	.0268928	105.7335
#2	.0673783	.0159051	.6753031	-.001097	.0263932	104.2308
#3	.0690956	.0193862	.6707631	-.011165	.0253855	105.9157

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.519327	.0080865	.0095825	F 870.7832	.1534165	.1299030
Stddev	.015009	.0001577	.0001380	7.6409	.0018998	.0007460
%RSD	.9878533	1.949782	1.439872	.8774773	1.238342	.5742449
#1	1.529325	.0079046	.0094689	871.1597	.1533306	.1291206
#2	1.502068	.0081728	.0097360	862.9610	.1553577	.1299823
#3	1.526587	.0081823	.0095425	878.2289	.1515610	.1306062

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2285819	223.1109	6.779719	359.8008	.2819221	-.008859
Stddev	.0065093	2.0843	.058043	3.1140	.0012326	.001860
%RSD	2.847706	.9342207	.8561208	.8654751	.4372133	20.99986
#1	.2227525	223.5914	6.810835	360.4442	.2808546	-.006965
#2	.2356057	220.8283	6.712753	356.4154	.2832711	-.010683
#3	.2273874	224.9131	6.815569	362.5429	.2816407	-.008929

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.018880	.2068743	1.565770	15.42701	7.973905	-.065896
Stddev	.861716	.0041963	.022666	.39428	.022404	.005053
%RSD	84.57484	2.028404	1.447576	2.555808	.2809705	7.668709
#1	1.452783	.2027047	1.572354	15.55336	7.966194	-.067293
#2	1.577396	.2068215	1.584415	14.98504	7.999147	-.070105
#3	.026460	.2110967	1.540541	15.74263	7.956375	-.060292

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4941-22 Acquired: 12/14/2024 18:02:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044274	12.18080	15.16908	.0390600	.9747451	.8138437
Stddev	.0004562	.05028	.07928	.0028294	.0113647	.0062185
%RSD	10.30398	.4127674	.5226557	7.243682	1.165911	.7640959
#1	.0047182	12.17311	15.26062	.0368098	.9810165	.8174842
#2	.0039016	12.23448	15.12234	.0422364	.9616266	.8066634
#3	.0046624	12.13481	15.12428	.0381337	.9815923	.8173835

Elem	Li6707
Units	ppm
Avg	.1683686
Stddev	.0048984
%RSD	2.909310
#1	.1739870
#2	.1649947
#3	.1661241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.229	24815.04	2359.300	1724.517	2253.676
Stddev	4.401	207.17	18.558	18.057	8.037
%RSD	.2197971	.8348579	.7866078	1.047054	.3566338
#1	2001.842	24686.36	2354.223	1715.501	2253.636
#2	1998.034	24704.72	2379.869	1712.745	2245.659
#3	2006.811	25054.02	2343.809	1745.307	2261.734

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-01 Acquired: 12/14/2024 18:05:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0470875**	**.0295580**	**1.217906**	**-.025808**	**.0014868**	**35.58229**
Stddev	.0053307	.0057761	.029993	.001258	.0038025	.04745
%RSD	11.32084	19.54178	2.462707	4.875815	255.7435	.1333390
#1	.0532397	.0228893	1.231090	-.027126	-.001462	35.52947
#2	.0438405	.0327882	1.239049	-.025679	.005779	35.62128
#3	.0441823	.0329963	1.183579	-.024619	.000144	35.59612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4420749**	**.0031484**	**.0074227**	F **1040.195**	**.0951872**	**.0835944**
Stddev	.0025976	.0001214	.0002043	1.574	.0011917	.0023515
%RSD	.5875866	3.856300	2.751985	.1513339	1.252000	2.812939
#1	.4391394	.0031666	.0075794	1039.870	.0947077	.0834281
#2	.4430095	.0032597	.0074969	1038.808	.0943099	.0860246
#3	.4440759	.0030189	.0071916	1041.906	.0965440	.0813305

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2297865**	**113.5684**	**8.766872**	**536.1000**	**.1769814**	**-.001428**
Stddev	.0021563	.4258	.020218	1.2126	.0040789	.001165
%RSD	.9384075	.3749291	.2306157	.2261853	2.304683	81.61964
#1	.2310269	113.2962	8.746182	534.8037	.1802021	-.001414
#2	.2272966	113.3499	8.767854	536.2899	.1783472	-.002600
#3	.2310361	114.0591	8.786581	537.2064	.1723949	-.000269

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.047787**	**.0895793**	**1.532324**	**7.498172**	**6.114281**	**-.002017**
Stddev	.311874	.0031467	.013231	.041713	.113623	.001364
%RSD	29.76507	3.512738	.8634445	.5563094	1.858321	67.59796
#1	1.210267	.0899861	1.534869	7.476839	6.175276	-.000921
#2	.688220	.0925028	1.544098	7.471441	6.184382	-.001586
#3	1.244874	.0862490	1.518006	7.546237	5.983186	-.003544

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-01 Acquired: 12/14/2024 18:05:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ70 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013214	16.10750	9.895089	.0836048	.6057165	.3374934
Stddev	.0002909	.33852	.030249	.0013512	.0017476	.0017665
%RSD	22.01314	2.101626	.3057002	1.616115	.2885260	.5234220
#1	.0010835	16.24727	9.915463	.0847327	.6076640	.3354632
#2	.0012351	16.35375	9.860332	.0839745	.6052009	.3383380
#3	.0016457	15.72148	9.909472	.0821073	.6042847	.3386791

Elem	Li6707
Units	ppm
Avg	.0547875
Stddev	.0021114
%RSD	3.853786
#1	.0571748
#2	.0531655
#3	.0540221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1893.282	23417.88	2238.870	1604.651	2225.136
Stddev	30.744	134.66	3.145	14.825	41.180
%RSD	1.623827	.5750125	.1404537	.9238478	1.850665
#1	1881.369	23539.47	2235.631	1605.228	2207.749
#2	1870.278	23273.15	2239.067	1589.546	2195.501
#3	1928.199	23441.01	2241.911	1619.179	2272.157

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-02 Acquired: 12/14/2024 18:09:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0486098**	**.0368864**	**.9282392**	**-.031374**	**-.003663**	**26.07763**
Stddev	.0019911	.0030282	.0168047	.002313	.003804	.42592
%RSD	4.096076	8.209542	1.810386	7.372179	103.8564	1.633274
#1	.0498250	.0357336	.9131588	-.032337	-.003858	26.51365
#2	.0496924	.0346039	.9463546	-.033050	-.007367	25.66258
#3	.0463119	.0403217	.9252042	-.028735	.000235	26.05668

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3224449**	**.0024596**	**.0085390**	F **1504.656**	**.0725097**	**.0874089**
Stddev	.0064328	.0000465	.0003072	38.997	.0006642	.0015914
%RSD	1.995021	1.890516	3.597211	2.591766	.9159879	1.820605
#1	.3291432	.0024550	.0082193	1541.360	.0719068	.0855786
#2	.3163152	.0024155	.0088319	1463.712	.0732217	.0881829
#3	.3218762	.0025082	.0085660	1508.895	.0724006	.0884652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1578099**	**107.6794**	**11.01822**	F **811.1444**	**.1431509**	**-.002298**
Stddev	.0047060	2.3528	.21387	17.1489	.0020898	.000921
%RSD	2.982070	2.184981	1.941033	2.114157	1.459823	40.07611
#1	.1618063	110.2967	11.24702	829.4256	.1422052	-.001932
#2	.1590005	105.7399	10.82334	795.4135	.1455463	-.003345
#3	.1526230	107.0016	10.98431	808.5940	.1417012	-.001616

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.243632**	**.0790460**	**1.672312**	**6.352362**	**5.262870**	**.0134206**
Stddev	.383087	.0025803	.005530	.258080	.080744	.0022112
%RSD	30.80386	3.264358	.3306776	4.062742	1.534220	16.47592
#1	1.186897	.0819155	1.677761	6.649839	5.206155	.0159727
#2	.892077	.0769165	1.666705	6.218978	5.355315	.0122093
#3	1.651922	.0783061	1.672470	6.188269	5.227141	.0120797

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-02 Acquired: 12/14/2024 18:09:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ71 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000617	19.48609	9.408905	.0622169	.3848492	.4345700
Stddev	.000231	.31988	.206002	.0007842	.0072033	.0085002
%RSD	37.48517	1.641577	2.189440	1.260415	1.871732	1.956006
#1	-.000415	19.25281	9.604042	.0621529	.3930648	.4432958
#2	-.000869	19.85074	9.193531	.0630311	.3796163	.4263149
#3	-.000566	19.35472	9.429144	.0614666	.3818664	.4340992

Elem	Li6707
Units	ppm
Avg	.0461985
Stddev	.0021923
%RSD	4.745338
#1	.0482691
#2	.0439021
#3	.0464244

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.943	22858.33	2212.349	1562.369	2107.319
Stddev	22.907	46.42	45.106	9.162	31.047
%RSD	1.257952	.2030832	2.038839	.5863917	1.473304
#1	1836.864	22910.34	2174.796	1563.547	2131.122
#2	1794.691	22821.08	2262.381	1570.884	2072.201
#3	1831.276	22843.58	2199.871	1552.675	2118.634

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-03 Acquired: 12/14/2024 18:13:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0566513**	**.0384478**	**.8134519**	**-.036348**	**-.003145**	**23.92418**
Stddev	.0050455	.0043690	.0081111	.003007	.001417	1.24428
%RSD	8.906202	11.36357	.9971157	8.273193	45.05238	5.200913
#1	.0605550	.0350890	.8169237	-.036075	-.001627	23.71207
#2	.0584447	.0368672	.8041828	-.033486	-.003376	25.26088
#3	.0509541	.0433871	.8192493	-.039482	-.004433	22.79960

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2687892**	**.0023397**	**.0142138**	F **1942.243**	**.0627663**	**.0879416**
Stddev	.0134781	.0002344	.0003123	85.998	.0017055	.0002894
%RSD	5.014366	10.01963	2.197329	4.427783	2.717287	.3290599
#1	.2664539	.0022166	.0144622	1932.699	.0636606	.0882602
#2	.2832824	.0026101	.0138632	2032.616	.0607996	.0876952
#3	.2566314	.0021925	.0143162	1861.415	.0638387	.0878694

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1379431**	**114.9138**	**14.02129**	F **1048.415**	**.1164454**	**-.002094**
Stddev	.0116167	6.0304	.78098	55.815	.0005990	.001075
%RSD	8.421377	5.247739	5.569934	5.323750	.5143634	51.36208
#1	.1396468	113.7231	13.87877	1038.684	.1164843	-.003303
#2	.1486139	121.4507	14.86370	1108.456	.1158279	-.001244
#3	.1255687	109.5676	13.32138	998.106	.1170239	-.001735

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.986394**	**.0739780**	**2.836803**	**8.620879**	**3.485452**	**.0311543**
Stddev	.418399	.0058567	.031338	.684817	.041829	.0012080
%RSD	21.06326	7.916863	1.104683	7.943704	1.200110	3.877584
#1	1.616978	.0791434	2.838280	8.455748	3.500575	.0314017
#2	2.440744	.0751754	2.867377	9.373163	3.438164	.0322195
#3	1.901460	.0676150	2.804753	8.033726	3.517616	.0298417

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-03 Acquired: 12/14/2024 18:13:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ72 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002153	26.65848	8.464080	.0718217	.2771799	.5824337
Stddev	.000709	.26392	.416602	.0005973	.0170123	.0320824
%RSD	32.94178	.9900199	4.921999	.8315662	6.137649	5.508331
#1	-.002745	26.77156	8.387634	.0713502	.2763355	.5758451
#2	-.002347	26.35686	8.913611	.0724933	.2945987	.6172989
#3	-.001367	26.84703	8.090995	.0716216	.2606055	.5541571

Elem	Li6707
Units	ppm
Avg	.0545305
Stddev	.0041184
%RSD	7.552511
#1	.0519964
#2	.0592826
#3	.0523125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1791.184	22025.33	2133.316	1497.398	2037.316
Stddev	17.580	162.39	108.234	12.789	20.041
%RSD	.9814515	.7372782	5.073517	.8540846	.9837128
#1	1783.343	21872.85	2144.126	1487.984	2028.920
#2	1811.320	22007.05	2020.083	1492.251	2060.190
#3	1778.890	22196.08	2235.740	1511.958	2022.838

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-04 Acquired: 12/14/2024 18:17:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0755482	.0091034	4.040541	.0190486	.0447397	149.8771	1.512343
Stddev	.0026050	.0023106	.065342	.0039528	.0026632	.8076	.006279
%RSD	3.448124	25.38197	1.617151	20.75088	5.952576	.5388621	.4151858
#1	.0742416	.0089089	3.965758	.0222838	.0456536	150.1909	1.514908
#2	.0785479	.0068962	4.086602	.0202193	.0417399	148.9596	1.505188
#3	.0738551	.0115052	4.069263	.0146428	.0468255	150.4807	1.516934

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0137829	.0152082	338.3681	.1831732	.1659340	1.415075	306.9313
Stddev	.0002611	.0004373	1.0815	.0139993	.0031623	.004361	1.0937
%RSD	1.894394	2.875413	.3196347	7.642663	1.905762	.3082148	.3563189
#1	.0135059	.0147036	338.7966	.1683182	.1627255	1.418728	306.9185
#2	.0138181	.0154785	337.1380	.1961214	.1690480	1.410246	305.8442
#3	.0140246	.0154423	339.1698	.1850799	.1660283	1.416250	308.0314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.276471	154.5351	.3339320	-.012269	1.001571	.3217370	6.112107
Stddev	.029774	.8429	.0045375	.003439	.567915	.0025996	.418079
%RSD	.3597438	.5454541	1.358810	28.02809	56.70240	.8079979	6.840174
#1	8.295239	154.6014	.3289353	-.008870	1.240134	.3190794	5.670731
#2	8.242141	153.6610	.3377956	-.015746	.353288	.3218570	6.502147
#3	8.292034	155.3430	.3350650	-.012192	1.411293	.3242745	6.163444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.07292	4.229171	-.135997	.0042579	5.639227	9.671564	1.076547
Stddev	.12554	.064322	.006605	.0008079	.095077	.137685	.015996
%RSD	.6581892	1.520919	4.856672	18.97523	1.685988	1.423602	1.485897
#1	19.20277	4.159769	-.131731	.0034623	5.544025	9.567544	1.058851
#2	18.95219	4.286781	-.132656	.0042338	5.734178	9.619450	1.089981
#3	19.06379	4.240964	-.143605	.0050776	5.639479	9.827699	1.080809

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-04 Acquired: 12/14/2024 18:17:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ73 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.037200	.1103879	.2356282
Stddev	.013836	.0009110	.0052959
%RSD	.6791791	.8252540	2.247568
#1	2.039994	.1098840	.2304489
#2	2.022180	.1098401	.2410335
#3	2.049426	.1114395	.2354022

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.477	28153.98	2556.420	1951.186	2416.048
Stddev	28.712	1636.93	26.777	116.411	40.389
%RSD	1.311368	5.814193	1.047423	5.966175	1.671688
#1	2221.238	29889.77	2543.698	2078.509	2461.308
#2	2165.362	26638.17	2587.186	1850.199	2383.674
#3	2181.831	27933.99	2538.376	1924.850	2403.164

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-05 Acquired: 12/14/2024 18:21:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0687351**	**.0250299**	**4.219830**	**-.010414**	**.0185032**	**74.83490**
Stddev	.0047589	.0019328	.005814	.004932	.0055217	2.01053
%RSD	6.923583	7.722054	.1377877	47.35702	29.84216	2.686622
#1	.0716620	.0271802	4.225024	-.015166	.0130572	72.94897
#2	.0712994	.0244724	4.213549	-.010757	.0240977	76.95033
#3	.0632440	.0234371	4.220918	-.005320	.0183546	74.60538

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.698589**	**.0054637**	**.0167647**	F **810.2179**	**.1775245**	**.1151265**
Stddev	.047886	.0001181	.0001647	21.2517	.0035955	.0007535
%RSD	2.819187	2.162173	.9822570	2.622955	2.025327	.6545164
#1	1.655119	.0053276	.0169281	790.4233	.1742263	.1149960
#2	1.749919	.0055405	.0165988	832.6756	.1769898	.1144468
#3	1.690728	.0055229	.0167672	807.5548	.1813573	.1159368

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.588830**	**180.6721**	**8.255197**	**373.5077**	**.2412934**	**-.002534**
Stddev	.040589	5.2168	.209530	11.0979	.0009890	.001637
%RSD	2.554617	2.887421	2.538159	2.971267	.4098717	64.60765
#1	1.547673	175.8256	8.055370	363.2388	.2424301	-.003420
#2	1.628825	186.1934	8.473240	385.2811	.2408199	-.000645
#3	1.589993	179.9971	8.236981	372.0031	.2406302	-.003538

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9823229**	**.1650902**	**4.689406**	**9.662684**	**6.886331**	**-.053166**
Stddev	.3325116	.0034785	.046438	.357133	.029570	.003432
%RSD	33.84953	2.107000	.9902741	3.696005	.4293962	6.455610
#1	.8987384	.1615882	4.636196	9.360544	6.906127	-.052517
#2	1.348652	.1651376	4.710264	10.05681	6.900526	-.056876
#3	.699578	.1685447	4.721757	9.57070	6.852341	-.050105

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-05 Acquired: 12/14/2024 18:21:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ74 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035143	9.010347	11.90327	.8841831	1.251722	.3947054
Stddev	.0007030	.038122	.31818	.0017432	.045267	.0113878
%RSD	20.00284	.4230895	2.673011	.1971532	3.616413	2.885144
#1	.0027685	9.052498	11.62747	.8844659	1.211239	.3840399
#2	.0036098	9.000261	12.25138	.8823159	1.300599	.4066991
#3	.0041647	8.978283	11.83096	.8857677	1.243328	.3933773

Elem	Li6707
Units	ppm
Avg	.1133795
Stddev	.0071517
%RSD	6.307786
#1	.1093145
#2	.1216373
#3	.1091867

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.965	24180.92	2343.116	1675.373	2251.871
Stddev	4.433	372.56	62.757	20.888	7.434
%RSD	.2266322	1.540703	2.678344	1.246796	.3301141
#1	1951.972	24530.89	2404.797	1697.260	2245.445
#2	1955.188	24222.57	2279.336	1673.207	2250.157
#3	1960.735	23789.28	2345.215	1655.652	2260.013

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-06 Acquired: 12/14/2024 18:25:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2076853**	**.0200863**	**2.096595**	**.0251356**	**.0586488**	**83.35950**
Stddev	.0048848	.0039714	.012881	.0065995	.0011887	1.86751
%RSD	2.351999	19.77175	.6143785	26.25549	2.026864	2.240308
#1	.2123698	.0162288	2.093077	.0246933	.0574504	82.64968
#2	.2026223	.0198674	2.110869	.0187683	.0586684	81.95096
#3	.2080639	.0241625	2.085838	.0319450	.0598276	85.47784

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.763170**	**.0091689**	**.0151489**	**292.1741**	**.1404046**	**.1625006**
Stddev	.042005	.0002155	.0003382	6.1502	.0029067	.0007310
%RSD	2.382333	2.350173	2.232340	2.104975	2.070260	.4498438
#1	1.750078	.0090261	.0150990	289.6053	.1429948	.1628409
#2	1.729271	.0090640	.0155093	287.7247	.1409582	.1629994
#3	1.810162	.0094168	.0148385	299.1922	.1372609	.1616615

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.531786**	**335.1279**	**17.79943**	**102.9974**	**.3159648**	**-.013029**
Stddev	.032877	7.3952	.40102	2.0237	.0026623	.000970
%RSD	2.146312	2.206668	2.252991	1.964784	.8425893	7.447641
#1	1.511565	332.2761	17.66592	102.3770	.3158336	-.013531
#2	1.514070	329.5831	17.48219	101.3566	.3186903	-.013644
#3	1.569721	343.5243	18.25017	105.2587	.3133706	-.011910

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8995930**	**.2314907**	**2.564557**	**11.78793**	F **10.14575**	**-.160038**
Stddev	.4920960	.0095251	.016700	.44624	.05957	.003131
%RSD	54.70208	4.114703	.6511814	3.785546	.5871170	1.956168
#1	.3867805	.2236176	2.581115	11.60573	10.12925	-.157257
#2	1.367957	.2287759	2.564838	11.46162	10.21184	-.163429
#3	.944042	.2420785	2.547719	12.29644	10.09618	-.159429

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-06 Acquired: 12/14/2024 18:25:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ75 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088825	5.452204	10.55696	.2212268	1.269736	.1816609
Stddev	.0002371	.020779	.23406	.0015430	.028200	.0038054
%RSD	2.669430	.3811202	2.217084	.6974820	2.220902	2.094759
#1	.0091460	5.434718	10.47046	.2203888	1.261115	.1801482
#2	.0086864	5.475176	10.37846	.2230075	1.246853	.1788445
#3	.0088151	5.446719	10.82195	.2202841	1.301239	.1859900

Elem	Li6707
Units	ppm
Avg	.1040764
Stddev	.0021307
%RSD	2.047244
#1	.1032391
#2	.1024915
#3	.1064986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2292.861	28124.86	2608.241	1948.938	2484.864
Stddev	13.988	399.26	51.462	22.245	17.569
%RSD	.6100856	1.419603	1.973050	1.141384	.7070330
#1	2289.883	27703.21	2622.429	1927.565	2483.606
#2	2280.602	28174.23	2651.120	1947.286	2467.958
#3	2308.099	28497.15	2551.173	1971.962	2503.028

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-07 Acquired: 12/14/2024 18:28:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2510936	.0290432	.5141627	.0288518	.0399286	85.09964
Stddev	.0042723	.0035739	.0120059	.0041881	.0008270	.22547
%RSD	1.701479	12.30538	2.335045	14.51590	2.071124	.2649503
#1	.2463283	.0315751	.5137861	.0328222	.0396284	85.31322
#2	.2523712	.0305995	.5263524	.0292578	.0408637	84.86391
#3	.2545814	.0249551	.5023494	.0244755	.0392936	85.12180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8889728	.0078240	.0065802	149.9070	.1022869	.1748326
Stddev	.0027770	.0000334	.0002451	.4634	.0006630	.0032044
%RSD	.3123782	.4271287	3.724246	.3091292	.6482172	1.832818
#1	.8903914	.0077855	.0065320	150.2390	.1020914	.1757015
#2	.8857731	.0078449	.0068458	149.3776	.1030257	.1775130
#3	.8907540	.0078416	.0063628	150.1045	.1017436	.1712834

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7566649	253.0490	19.85086	44.16655	.1905076	-.009697
Stddev	.0058469	.5463	.02143	.16525	.0042365	.000816
%RSD	.7727217	.2158898	.1079794	.3741532	2.223808	8.410123
#1	.7619688	253.6505	19.84752	44.01428	.1924627	-.008823
#2	.7576306	252.5836	19.83129	44.14310	.1934135	-.009830
#3	.7503952	252.9129	19.87377	44.34227	.1856466	-.010437

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.157810	.2082538	.4643354	9.758259	F 10.10920	-.125765
Stddev	.051729	.0025431	.0059008	.023738	.19090	.004827
%RSD	32.77912	1.221136	1.270802	.2432617	1.888359	3.837839
#1	-.212463	.2102235	.4671313	9.769637	10.15302	-.120823
#2	-.109611	.2091551	.4683185	9.730973	10.27438	-.130468
#3	-.151355	.2053828	.4575563	9.774166	9.90021	-.126005

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-07 Acquired: 12/14/2024 18:28:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ76 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023098	1.861039	9.543719	.0527419	.9978990	.1165491
Stddev	.0003788	.031636	.048966	.0012544	.0011336	.0008268
%RSD	16.39844	1.699900	.5130746	2.378432	.1135971	.7094146
#1	.0026678	1.867928	9.512379	.0514225	.9992010	.1162957
#2	.0023484	1.888662	9.600146	.0539192	.9973649	.1158786
#3	.0019132	1.826526	9.518634	.0528840	.9971312	.1174729

Elem	Li6707
Units	ppm
Avg	.0678668
Stddev	.0005735
%RSD	.8450099
#1	.0674924
#2	.0675810
#3	.0685270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.475	30612.55	2852.938	2130.368	2586.958
Stddev	34.344	97.74	12.670	3.979	49.149
%RSD	1.359902	.3192885	.4441028	.1867939	1.899878
#1	2516.178	30708.17	2855.576	2132.774	2571.596
#2	2496.737	30512.81	2839.156	2125.775	2547.324
#3	2563.511	30616.66	2864.081	2132.555	2641.953

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-08 Acquired: 12/14/2024 18:32:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0771560**	**.0225572**	**1.456528**	**-.011838**	**.0194166**	**74.23221**	**1.382781**
Stddev	.0019819	.0008517	.003848	.009001	.0008065	.15510	.002723
%RSD	2.568727	3.775606	.2641703	76.04099	4.153555	.2089457	.1968987
#1	.0789854	.0218609	1.452363	-.003306	.0201367	74.13206	1.382754
#2	.0750505	.0223040	1.457270	-.010961	.0185452	74.41087	1.385518
#3	.0774320	.0235068	1.459950	-.021245	.0195680	74.15369	1.380072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0058716**	**.0101720**	**458.7818**	**.1324491**	**.1045506**	**.3203611**	**167.0902**
Stddev	.0001345	.0001021	1.3483	.0013697	.0005144	.0017915	.7830
%RSD	2.291517	1.003355	.2938946	1.034148	.4919690	.5592060	.4686223
#1	.0057602	.0100545	459.0729	.1335610	.1048056	.3195606	167.0226
#2	.0060211	.0102228	459.9609	.1309191	.1048876	.3224132	167.9049
#3	.0058337	.0102386	457.3118	.1328674	.1039585	.3191094	166.3432

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.334885**	**180.9608**	**.2190551**	**-.006027**	**1.130289**	**.1650336**	**1.918111**
Stddev	.024776	.7680	.0010837	.000597	.263445	.0113984	.012005
%RSD	.3377791	.4243890	.4947000	9.907780	23.30771	6.906687	.6258876
#1	7.333672	180.8137	.2202862	-.006449	.826536	.1746752	1.931788
#2	7.360244	181.7917	.2186340	-.005344	1.296424	.1524538	1.909317
#3	7.310737	180.2771	.2182453	-.006290	1.267908	.1679718	1.913228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.88037**	**8.707627**	**-.046404**	**.0033721**	**8.842208**	**11.59684**	**.0763391**
Stddev	.11066	.017784	.003328	.0004808	.009196	.06178	.0015046
%RSD	.8591625	.2042369	7.171805	14.25927	.1039974	.5327106	1.970928
#1	12.97988	8.690072	-.042619	.0036527	8.832532	11.54963	.0746487
#2	12.90004	8.707175	-.048871	.0036467	8.850833	11.66676	.0775316
#3	12.76119	8.725632	-.047722	.0028169	8.843258	11.57414	.0768371

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-08 Acquired: 12/14/2024 18:32:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ84 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.118424	.3974085	.0998807
Stddev	.002967	.0013939	.0044561
%RSD	.2652862	.3507439	4.461455
#1	1.119906	.3971303	.1046608
#2	1.120357	.3989205	.0958413
#3	1.115007	.3961747	.0991402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2055.076	25355.71	2376.100	1760.360	2408.741
Stddev	5.011	114.76	16.171	10.209	3.550
%RSD	.2438399	.4525828	.6805875	.5799469	.1473677
#1	2060.635	25283.22	2389.735	1752.392	2412.832
#2	2053.688	25488.02	2358.234	1771.868	2406.905
#3	2050.906	25295.90	2380.333	1756.821	2406.485

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-09 Acquired: 12/14/2024 18:36:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908402	.0212559	1.534141	-.010611	.0199473	67.43583	1.606940
Stddev	.0013450	.0044992	.017160	.003118	.0057556	.15621	.004276
%RSD	1.480618	21.16696	1.118527	29.38666	28.85400	.2316431	.2661080
#1	.0896803	.0168357	1.553656	-.013668	.0248818	67.55798	1.611875
#2	.0923146	.0211019	1.521411	-.010730	.0136245	67.48970	1.604317
#3	.0905258	.0258302	1.527357	-.007435	.0213356	67.25982	1.604629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056545	.0082119	603.7356	.1307533	.1033277	.3478199	166.2894
Stddev	.0001212	.0000239	2.3243	.0008963	.0013716	.0032931	.3606
%RSD	2.144079	.2915735	.3849895	.6855086	1.327464	.9467966	.2168361
#1	.0055705	.0081893	606.3114	.1315328	.1048944	.3446774	166.7054
#2	.0055995	.0082370	603.1005	.1297739	.1023432	.3512454	166.0952
#3	.0057935	.0082094	601.7948	.1309531	.1027455	.3475368	166.0675

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.872637	256.2456	.2292973	-.007052	.2310649	.1602346	1.594575
Stddev	.010858	.7378	.0029816	.000269	.8486860	.0133962	.001046
%RSD	.1379184	.2879422	1.300320	3.820950	367.2934	8.360347	.0655765
#1	7.884831	256.9966	.2327389	-.007363	1.173963	.1603060	1.595060
#2	7.864015	255.5216	.2274948	-.006888	-.471632	.1468028	1.593374
#3	7.869065	256.2185	.2276583	-.006905	-.009136	.1735949	1.595290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.848241	6.790497	-.045153	.0027050	9.463266	11.36347	.0602999
Stddev	.248774	.070282	.003347	.0004767	.111833	.04688	.0008905
%RSD	2.526076	1.035011	7.413628	17.62445	1.181760	.4125476	1.476718
#1	10.11084	6.871398	-.043771	.0032488	9.591076	11.41366	.0598209
#2	9.61610	6.744483	-.048970	.0023592	9.383387	11.32082	.0613273
#3	9.81778	6.755611	-.042717	.0025069	9.415336	11.35592	.0597514

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-09 Acquired: 12/14/2024 18:36:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ85 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.068226	.3967752	.0924543
Stddev	.007653	.0006688	.0055597
%RSD	.7164592	.1685501	6.013481
#1	1.075422	.3974269	.0866279
#2	1.069070	.3968082	.0977021
#3	1.060185	.3960906	.0930328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.820	25633.26	2425.846	1773.316	2383.447
Stddev	17.867	74.16	12.548	1.526	21.327
%RSD	.8665591	.2893108	.5172484	.0860598	.8947983
#1	2041.756	25586.20	2412.699	1774.890	2359.037
#2	2067.691	25718.75	2437.693	1773.215	2392.833
#3	2076.012	25594.83	2427.148	1771.843	2398.471

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-10 Acquired: 12/14/2024 18:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3170719**	**.0318608**	**.8376475**	**-.038940**	**.0010390**	**31.44543**
Stddev	.0035274	.0027178	.0094415	.003075	.0026094	.95234
%RSD	1.112478	8.530074	1.127146	7.898049	251.1589	3.028543
#1	.3174766	.0287973	.8273943	-.039641	.0019809	30.75297
#2	.3133597	.0339820	.8395655	-.035574	-.001911	32.53148
#3	.3203795	.0328031	.8459828	-.041604	.003047	31.05185

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7532918**	**.0029160**	**.0290444**	F **1677.430**	**.0679785**	**.0916039**
Stddev	.0246485	.0002509	.0005347	25.147	.0010126	.0017054
%RSD	3.272105	8.605598	1.840846	1.499128	1.489669	1.861721
#1	.7361228	.0028190	.0284649	1651.816	.0686002	.0900873
#2	.7815351	.0032010	.0291497	1702.082	.0685253	.0912744
#3	.7422175	.0027281	.0295186	1678.394	.0668100	.0934501

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1778877**	**128.9961**	**11.06473**	F **846.0286**	**.1231037**	**-.005071**
Stddev	.0085798	3.6720	.31165	24.0401	.0005430	.001202
%RSD	4.823172	2.846625	2.816650	2.841526	.4410916	23.70922
#1	.1754274	126.0188	10.84123	828.0038	.1224792	-.006094
#2	.1708069	133.0992	11.42074	873.3237	.1233675	-.003747
#3	.1874290	127.8702	10.93220	836.7583	.1234643	-.005373

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7628889**	**.0817432**	**5.850357**	**7.144682**	**3.305670**	**-.002259**
Stddev	.2740805	.0120707	.059986	.354076	.041769	.001599
%RSD	35.92666	14.76658	1.025345	4.955799	1.263550	70.75172
#1	.9367774	.0781517	5.898415	6.812976	3.259511	-.003989
#2	.4469419	.0718759	5.869527	7.517533	3.316639	-.000837
#3	.9049473	.0952021	5.783129	7.103535	3.340860	-.001952

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-10 Acquired: 12/14/2024 18:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ86 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003764	23.77435	11.41062	.0347320	.3911348	.5716408
Stddev	.0010042	.26021	.23965	.0021949	.0114179	.0164475
%RSD	266.8017	1.094483	2.100229	6.319630	2.919167	2.877247
#1	-.000139	23.48353	11.27990	.0360037	.3809258	.5590206
#2	.001534	23.85438	11.68721	.0359949	.4034643	.5902419
#3	-.000266	23.98514	11.26475	.0321976	.3890144	.5656599

Elem	Li6707
Units	ppm
Avg	.0594622
Stddev	.0063699
%RSD	10.71253
#1	.0550209
#2	.0667604
#3	.0566053

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1881.193	23105.78	2248.557	1584.731	2135.521
Stddev	16.598	131.85	50.959	13.925	19.021
%RSD	.8822911	.5706256	2.266319	.8786683	.8906757
#1	1886.652	22961.91	2284.888	1568.932	2150.847
#2	1862.554	23134.61	2190.305	1590.044	2114.233
#3	1894.374	23220.83	2270.478	1595.217	2141.482

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-11 Acquired: 12/14/2024 18:44:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0679020**	**.0227737**	**.5197426**	**-.013413**	**.0264816**	**109.4623**
Stddev	.0037407	.0040833	.0037719	.006980	.0016588	3.6884
%RSD	5.508977	17.92970	.7257190	52.03606	6.263956	3.369533
#1	.0690831	.0272042	.5170951	-.021417	.0252923	105.2873
#2	.0709097	.0219553	.5180714	-.008592	.0283766	112.2785
#3	.0637134	.0191617	.5240614	-.010231	.0257759	110.8212

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.646071**	**.0080650**	**.0101515**	F **986.1077**	**.1482874**	**.1336395**
Stddev	.053717	.0001642	.0002284	31.7560	.0022998	.0005286
%RSD	3.263319	2.036442	2.250312	3.220334	1.550883	.3955384
#1	1.585131	.0078782	.0102821	950.1982	.1478846	.1330411
#2	1.686550	.0081867	.0098877	1010.491	.1462157	.1338348
#3	1.666533	.0081301	.0102846	997.634	.1507620	.1340427

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2331838**	**219.8771**	**7.509311**	**332.8834**	**.2598350**	**-.011268**
Stddev	.0106227	7.3175	.246823	11.5842	.0027806	.000578
%RSD	4.555517	3.327984	3.286888	3.479947	1.070151	5.125226
#1	.2215610	211.5471	7.226377	319.6442	.2599961	-.011086
#2	.2423901	225.2685	7.680492	341.1571	.2569773	-.010804
#3	.2356004	222.8158	7.621063	337.8489	.2625315	-.011915

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1301591**	**.2091726**	**1.370670**	**9.517423**	**4.499042**	**-.092001**
Stddev	.3657596	.0101182	.036516	.411576	.032868	.002572
%RSD	281.0097	4.837255	2.664066	4.324449	.7305532	2.795099
#1	-.074555	.1978527	1.367222	9.042900	4.492538	-.090395
#2	-.087405	.2173371	1.336001	9.731980	4.469912	-.094967
#3	.552437	.2123281	1.408788	9.777390	4.534675	-.090641

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-11 Acquired: 12/14/2024 18:44:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ87 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016847	7.109081	10.73920	.0354602	1.017460	1.196701
Stddev	.0003603	.069048	.32473	.0012441	.034046	.041647
%RSD	21.38660	.9712640	3.023749	3.508344	3.346207	3.480165
#1	.0013051	7.108589	10.38213	.0359442	.978170	1.149000
#2	.0020220	7.040280	11.01685	.0340468	1.035929	1.225835
#3	.0017269	7.178373	10.81861	.0363894	1.038280	1.215269

Elem	Li6707
Units	ppm
Avg	.1687575
Stddev	.0021821
%RSD	1.293055
#1	.1667045
#2	.1710492
#3	.1685188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.588	25317.86	2461.173	1755.778	2287.781
Stddev	10.438	303.02	72.547	15.843	10.887
%RSD	.5092601	1.196862	2.947662	.9023463	.4758621
#1	2054.502	25366.61	2543.408	1758.463	2292.286
#2	2056.662	25593.55	2406.228	1770.107	2295.692
#3	2037.601	24993.42	2433.884	1738.764	2275.365

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-15 Acquired: 12/14/2024 18:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0649095**	**.0174184**	**.5369587**	**-.010202**	**.0314140**	**128.1167**
Stddev	.0081192	.0046629	.0038970	.002577	.0017503	3.9602
%RSD	12.50851	26.77015	.7257516	25.25595	5.571590	3.091082
#1	.0555922	.0120571	.5412308	-.007483	.0333700	129.6446
#2	.0686669	.0196687	.5360466	-.012607	.0308763	131.0854
#3	.0704695	.0205294	.5335986	-.010518	.0299957	123.6202

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.797271**	**.0098527**	**.0102768**	F **1016.380**	**.1752913**	**.1572953**
Stddev	.056031	.0003682	.0001614	29.889	.0009238	.0003028
%RSD	3.117585	3.736826	1.570480	2.940717	.5270313	.1924921
#1	1.820451	.0101265	.0101012	1027.867	.1760805	.1569602
#2	1.837993	.0099975	.0103105	1038.821	.1742752	.1573766
#3	1.733369	.0094342	.0104187	982.452	.1755184	.1575492

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3199757**	**250.3220**	**6.187216**	**236.7828**	**.3309796**	**-.013266**
Stddev	.0106488	7.6294	.194375	6.9058	.0011091	.001179
%RSD	3.327986	3.047835	3.141561	2.916517	.3351036	8.885044
#1	.3298378	252.8536	6.257243	239.5439	.3306745	-.012817
#2	.3214046	256.3639	6.336875	241.8809	.3322094	-.012378
#3	.3086846	241.7486	5.967530	228.9236	.3300550	-.014604

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4750307**	**.2393938**	**1.263052**	**7.246013**	**5.263404**	**-.118796**
Stddev	.2263192	.0106376	.008876	.199256	.008074	.001975
%RSD	47.64306	4.443559	.7027451	2.749875	.1533995	1.662229
#1	.6822198	.2366875	1.273295	7.345247	5.270904	-.117666
#2	.5093669	.2511231	1.257615	7.376166	5.264450	-.117646
#3	.2335054	.2303707	1.258247	7.016625	5.254858	-.121076

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-15 Acquired: 12/14/2024 18:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ89 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032028	6.533378	12.68555	.0606288	1.089141	2.012380
Stddev	.0001427	.031316	.40385	.0001467	.032607	.062360
%RSD	4.454338	.4793240	3.183510	.2420051	2.993849	3.098833
#1	.0031328	6.567384	12.80187	.0607046	1.098838	2.040222
#2	.0033670	6.527024	13.01847	.0607222	1.115801	2.055969
#3	.0031087	6.505727	12.23631	.0604597	1.052786	1.940949

Elem	Li6707
Units	ppm
Avg	.2006294
Stddev	.0018434
%RSD	.9188239
#1	.2025441
#2	.2004775
#3	.1988666

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.416	25629.01	2502.339	1781.758	2275.800
Stddev	5.469	197.82	65.578	8.743	5.213
%RSD	.2636406	.7718711	2.620686	.4907028	.2290714
#1	2073.772	25543.79	2480.877	1773.598	2272.350
#2	2080.179	25855.16	2450.181	1790.986	2281.797
#3	2069.298	25488.08	2575.960	1780.689	2273.254

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-16 Acquired: 12/14/2024 18:51:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0614645**	**.0261897**	**.7234426**	**-.035197**	**.0014074**	**43.78381**
Stddev	.0038553	.0037534	.0111717	.003953	.0029532	.19898
%RSD	6.272420	14.33169	1.544245	11.23090	209.8374	.4544615
#1	.0644172	.0283197	.7131749	-.031464	.0019565	43.61539
#2	.0628733	.0283935	.7218135	-.039338	.0040475	43.73266
#3	.0571029	.0218558	.7353395	-.034787	-.001782	44.00337

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5156553**	**.0046351**	**.0297120**	F **1525.164**	**.0738694**	**.1101792**
Stddev	.0018185	.0000928	.0003917	20.008	.0008004	.0008256
%RSD	.3526490	2.002759	1.318467	1.311889	1.083555	.7492902
#1	.5135606	.0045336	.0293964	1517.994	.0747841	.1092261
#2	.5168291	.0047157	.0295892	1509.728	.0735268	.1106393
#3	.5165761	.0046562	.0301504	1547.769	.0732973	.1106722

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2047332**	**135.6256**	**6.795916**	**664.8082**	**.1557824**	**-.005401**
Stddev	.0107990	.4211	.021266	3.1561	.0011785	.000688
%RSD	5.274654	.3104749	.3129185	.4747389	.7565288	12.74637
#1	.2126483	135.3959	6.782343	661.9951	.1546089	-.004673
#2	.1924311	135.3694	6.784980	664.2084	.1557722	-.005491
#3	.2091202	136.1116	6.820424	668.2212	.1569659	-.006041

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.702594**	**.1017859**	**3.250207**	**9.058111**	**3.856565**	**.0223417**
Stddev	.403968	.0073957	.018389	.040302	.032469	.0019067
%RSD	23.72661	7.265921	.5657836	.4449247	.8419057	8.534222
#1	1.242121	.0933373	3.234623	9.012132	3.822509	.0204553
#2	1.868305	.1070883	3.245508	9.087318	3.860017	.0242680
#3	1.997357	.1049321	3.270489	9.074884	3.887170	.0223019

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-16 Acquired: 12/14/2024 18:51:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ90 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001102	18.81566	12.05939	.1088275	.5650043	.7649987
Stddev	.000750	.14084	.05896	.0028957	.0012762	.0033573
%RSD	68.08349	.7485302	.4889319	2.660820	.2258800	.4388698
#1	-.001807	18.67099	12.09719	.1054906	.5635994	.7618186
#2	-.001185	18.82365	12.08953	.1103111	.5653213	.7646687
#3	-.000313	18.95233	11.99145	.1106807	.5660921	.7685089

Elem	Li6707
Units	ppm
Avg	.0935781
Stddev	.0050958
%RSD	5.445509
#1	.0892265
#2	.0991839
#3	.0923238

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1939.142	24094.01	2381.033	1651.577	2171.278
Stddev	12.815	167.62	8.341	6.575	18.459
%RSD	.6608787	.6957091	.3502982	.3981016	.8501234
#1	1949.352	24126.77	2385.337	1654.176	2184.928
#2	1943.312	24242.84	2386.342	1656.456	2178.628
#3	1924.760	23912.43	2371.420	1644.100	2150.276

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV019 Acquired: 12/14/2024 19:00:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.891958**	**5.241500**	**24.44921**	**4.697204**	**4.801908**	**426.4838**	**10.70769**
Stddev	.028940	.031551	.11877	.041705	.032171	3.4102	.08174
%RSD	.5915742	.6019522	.4857724	.8878724	.6699608	.7996193	.7633607
#1	4.859609	5.277661	24.58556	4.744496	4.835444	430.2392	10.79961
#2	4.915389	5.227262	24.39375	4.681425	4.798975	425.6321	10.68028
#3	4.900877	5.219576	24.36832	4.665690	4.771303	423.5801	10.64317

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4842333**	**2.432508**	**414.4890**	**14.89126**	**2.353604**	**15.51839**	**421.7314**
Stddev	.0049242	.013309	3.5680	.18452	.013050	.12397	2.8286
%RSD	1.016915	.5471431	.8608169	1.239125	.5544805	.7988724	.6707031
#1	.4899183	2.447776	418.4088	14.67874	2.368595	15.63951	424.8984
#2	.4814837	2.426395	413.6280	15.01077	2.347436	15.52392	420.8398
#3	.4812979	2.423354	411.4303	14.98426	2.344780	15.39175	419.4561

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.44219**	**397.5433**	**2.427133**	**1.256354**	**412.3393**	**2.568448**	**14.07116**
Stddev	.09140	2.6583	.015368	.014294	4.3640	.018574	.20992
%RSD	.5918959	.6686765	.6331913	1.137736	1.058361	.7231638	1.491855
#1	15.54761	400.5369	2.444614	1.239858	417.2911	2.573412	13.82889
#2	15.39388	396.6337	2.421038	1.265077	410.6727	2.584035	14.19923
#3	15.38508	395.4591	2.415748	1.264128	409.0542	2.547896	14.18535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**155.7018**	**4.911213**	**4.724858**	**4.977538**	**4.808081**	**5.021894**	**5.044567**
Stddev	1.0992	.018905	.056990	.039770	.020000	.058865	.032588
%RSD	.7059948	.3849415	1.206184	.7989844	.4159584	1.172173	.6460012
#1	156.9675	4.931094	4.789216	5.019180	4.830563	5.088777	5.081338
#2	155.1511	4.909081	4.704575	4.973485	4.792268	4.998946	5.033101
#3	154.9867	4.893464	4.680784	4.939951	4.801413	4.977958	5.019262

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV019 Acquired: 12/14/2024 19:00:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.208813	4.806589	5.372440
Stddev	.048531	.035921	.041514
%RSD	.9317109	.7473318	.7727224
#1	5.263219	4.847851	5.419053
#2	5.193241	4.789624	5.358820
#3	5.169980	4.782292	5.339447

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1599.297	21771.42	2091.620	1429.950	2197.766
Stddev	18.012	258.86	20.254	15.418	21.609
%RSD	1.126236	1.188998	.9683428	1.078241	.9832249
#1	1579.047	22068.47	2068.343	1447.738	2172.851
#2	1605.315	21594.07	2105.230	1420.407	2209.060
#3	1613.530	21651.72	2101.285	1421.706	2211.389

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB019 Acquired: 12/14/2024 19:03:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0018937**	**-.002932**	**.0028514**	**-.001114**	**-.000819**	**.0323229**	**-.001143**
Stddev	.0023018	.001650	.0013944	.004800	.001493	.0516611	.000211
%RSD	121.5510	56.27511	48.90014	430.6781	182.2912	159.8283	18.44643
#1	.0030758	-.004708	.0019279	-.006649	-.002217	.0227213	-.000964
#2	-.000759	-.002640	.0044554	.001903	.000754	-.013864	-.001375
#3	.003364	-.001447	.0021710	.001403	-.000994	.088111	-.001089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000893**	**-.000136**	**-.011921**	**.0002109**	**-.000366**	**-.001640**	**.0199135**
Stddev	.0000772	.000109	.031924	.0007086	.000375	.006774	.0004113
%RSD	86.41938	80.31659	267.7902	336.0031	102.4710	413.0672	2.065603
#1	.0000559	-.000247	.007748	.0003010	-.000798	.005957	.0195477
#2	.0000345	-.000130	-.048755	.0008701	-.000162	-.003826	.0198340
#3	.0001776	-.000029	.005243	-.000538	-.000137	-.007051	.0203588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000682**	**.0401712**	**-.000396**	**.0019772**	**.2843538**	**.0043031**	**.0025784**
Stddev	.000132	.0246727	.000776	.0009079	.3118199	.0069507	.0069205
%RSD	19.33376	61.41894	195.8903	45.92188	109.6591	161.5295	268.4026
#1	-.000702	.0528626	-.000013	.0021039	.3689701	.0027849	.0104732
#2	-.000542	.0559149	-.001290	.0010125	-.061041	.0118873	-.000298
#3	-.000803	.0117361	.000114	.0028151	.545133	-.001763	-.002440

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3203787**	**-.001986**	**.0024268**	**.0004601**	**-.004777**	**-.035652**	**-.001135**
Stddev	.0740189	.001654	.0024982	.0002548	.003289	.001107	.000791
%RSD	23.10357	83.28698	102.9420	55.37455	68.85259	3.106358	69.69092
#1	.3962830	-.000162	.0027123	.0001879	-.003543	-.036924	-.001299
#2	.2484015	-.002409	.0047699	.0004998	-.002284	-.034900	-.000275
#3	.3164515	-.003389	-.000202	.0006928	-.008505	-.035132	-.001832

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB019 Acquired: 12/14/2024 19:03:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB019 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003418	.0001590	-.003597
Stddev	.002047	.0000506	.001078
%RSD	59.86944	31.81618	29.97666
#1	-.004195	.0001061	-.004838
#2	-.004963	.0001640	-.003055
#3	-.001097	.0002070	-.002897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1986.326	24464.22	2191.764	1701.691	2795.915
Stddev	6.432	305.40	11.048	18.531	15.506
%RSD	.3238025	1.248345	.5040788	1.088962	.5545997
#1	1987.892	24328.60	2179.267	1690.627	2800.833
#2	1979.255	24813.94	2195.796	1723.084	2778.546
#3	1991.830	24250.12	2200.231	1691.362	2808.366

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-17 Acquired: 12/14/2024 19:07:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0455289**	**.0396098**	**.4777281**	**-.044077**	**-.003357**	**22.77598**
Stddev	.0021017	.0043488	.0028892	.012580	.004751	.49439
%RSD	4.616295	10.97917	.6047883	28.54128	141.5255	2.170662
#1	.0431679	.0346936	.4770151	-.054135	.001476	23.15712
#2	.0471960	.0411813	.4809072	-.029971	-.003525	22.95347
#3	.0462227	.0429544	.4752622	-.048125	-.008022	22.21735

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2080898**	**.0027649**	**.0070099**	F **2130.997**	**.0560094**	**.0961495**
Stddev	.0046394	.0001988	.0001704	48.379	.0007221	.0013903
%RSD	2.229493	7.190670	2.430764	2.270270	1.289276	1.446009
#1	.2114389	.0028969	.0068876	2167.540	.0557972	.0950344
#2	.2100362	.0028616	.0069376	2149.319	.0554171	.0977073
#3	.2027943	.0025362	.0072046	2076.133	.0568138	.0957067

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1298474**	**118.8885**	**12.09112**	F **1111.329**	**.1199068**	**-.004708**
Stddev	.0085037	2.7320	.25757	23.875	.0007642	.001046
%RSD	6.549036	2.297975	2.130258	2.148369	.6373581	22.21620
#1	.1346483	121.1591	12.32095	1133.457	.1203986	-.005108
#2	.1348650	119.6498	12.13969	1114.506	.1202954	-.005495
#3	.1200289	115.8565	11.81272	1086.025	.1190263	-.003521

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.168049**	**.0634550**	**1.026345**	**11.17474**	**2.479126**	**.0725456**
Stddev	.197060	.0099921	.013447	.26644	.010951	.0047009
%RSD	9.089278	15.74673	1.310177	2.384292	.4417217	6.479923
#1	2.013262	.0522249	1.011151	11.44887	2.467607	.0763871
#2	2.101000	.0667774	1.036714	11.15861	2.489403	.0739461
#3	2.389884	.0713627	1.031168	10.91673	2.480367	.0673036

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-17 Acquired: 12/14/2024 19:07:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002514**	**30.85351**	**10.88637**	**.0363922**	**.1433941**	**.7650645**
Stddev	.000387	.04128	.26323	.0004439	.0026845	.0170086
%RSD	15.38937	.1337933	2.417932	1.219716	1.872127	2.223153
#1	-.002960	30.80691	11.13880	.0364676	.1461854	.7815212
#2	-.002315	30.86810	10.90676	.0367935	.1431660	.7661192
#3	-.002267	30.88551	10.61354	.0359154	.1408309	.7475532

Elem	Li6707
Units	ppm
Avg	**.0815074**
Stddev	.0045817
%RSD	5.621173
#1	.0860139
#2	.0816542
#3	.0768541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1822.396**	**22901.24**	**2272.740**	**1561.431**	**2001.361**
Stddev	2.374	95.92	48.530	8.661	1.859
%RSD	.1302695	.4188209	2.135291	.5546823	.0928885
#1	1822.864	23011.88	2226.754	1571.425	2003.331
#2	1819.824	22850.28	2268.002	1556.746	1999.637
#3	1824.502	22841.57	2323.465	1556.121	2001.116

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-18 Acquired: 12/14/2024 19:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360059	.0324272	.8012164	-.032170	.0006942	36.08990
Stddev	.0055672	.0063200	.0034601	.005991	.0021986	.59806
%RSD	15.46204	19.48986	.4318521	18.62181	316.7098	1.657151
#1	.0354068	.0271036	.7973122	-.039020	-.001820	35.42741
#2	.0307624	.0394118	.8024337	-.027907	.002254	36.58999
#3	.0418484	.0307660	.8039033	-.029584	.001649	36.25231

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4621892	.0030218	.0058506	F 1278.858	.0613701	.0906313
Stddev	.0074570	.0002019	.0001313	16.855	.0009107	.0003981
%RSD	1.613418	6.682122	2.244715	1.317996	1.484014	.4392702
#1	.4538603	.0028504	.0060022	1264.228	.0615092	.0901803
#2	.4682456	.0029706	.0057784	1297.289	.0622033	.0909337
#3	.4644618	.0032444	.0057712	1275.056	.0603978	.0907800

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7515980	106.8741	7.733226	445.8156	.1199606	-.004024
Stddev	.0144005	1.6680	.120891	7.3788	.0015658	.001207
%RSD	1.915979	1.560692	1.563261	1.655114	1.305245	29.99731
#1	.7351368	104.9610	7.594457	437.3117	.1181529	-.004845
#2	.7618648	108.0239	7.815720	450.5244	.1208937	-.004588
#3	.7577924	107.6373	7.789502	449.6108	.1208350	-.002638

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.254083	.0872500	1.311720	7.493394	3.926338	.0008820
Stddev	.243083	.0129928	.008227	.039891	.016616	.0041769
%RSD	19.38332	14.89144	.6271622	.5323441	.4231996	473.5922
#1	1.001166	.0738665	1.319403	7.447356	3.908628	-.003876
#2	1.485965	.0880702	1.303041	7.517686	3.928801	.003945
#3	1.275119	.0998132	1.312716	7.515141	3.941586	.002577

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-18 Acquired: 12/14/2024 19:11:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002093	9.896673	11.07300	.1926185	.6950388	.7058914
Stddev	.000256	.035176	.19817	.0008793	.0143027	.0102375
%RSD	12.24906	.3554282	1.789686	.4565221	2.057829	1.450292
#1	-.001988	9.874607	10.85085	.1936053	.6804874	.6942436
#2	-.002385	9.878175	11.23160	.1923322	.6955501	.7134624
#3	-.001906	9.937238	11.13655	.1919179	.7090791	.7099682

Elem	Li6707
Units	ppm
Avg	.0682243
Stddev	.0036955
%RSD	5.416638
#1	.0724793
#2	.0663751
#3	.0658185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.376	24125.10	2341.548	1655.120	2198.481
Stddev	4.936	48.17	37.489	3.783	8.108
%RSD	.2524374	.1996635	1.601028	.2285832	.3687935
#1	1958.607	24071.48	2383.911	1650.860	2205.865
#2	1949.694	24139.12	2312.656	1656.412	2189.805
#3	1957.827	24164.71	2328.077	1658.088	2199.773

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-19 Acquired: 12/14/2024 19:15:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059361	.0153161	4.043518	-.004777	.0396577	109.0853	1.956646
Stddev	.0019797	.0010506	.011736	.002187	.0013254	.4755	.012987
%RSD	1.868787	6.859691	.2902529	45.78594	3.342148	.4358853	.6637546
#1	.1042981	.0163453	4.055052	-.002427	.0382378	109.3389	1.964689
#2	.1053743	.0153577	4.043911	-.005152	.0398731	108.5367	1.941663
#3	.1081361	.0142453	4.031589	-.006752	.0408623	109.3802	1.963587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084751	.0380030	660.8569	.1792871	.1397254	9.540856	260.9968
Stddev	.0001756	.0003337	2.7635	.0018249	.0015777	.051427	.8419
%RSD	2.072190	.8781321	.4181716	1.017881	1.129134	.5390184	.3225703
#1	.0086777	.0381075	662.4528	.1813508	.1401488	9.543043	261.7065
#2	.0083819	.0382720	657.6658	.1786243	.1410483	9.488371	260.0666
#3	.0083657	.0376295	662.4520	.1778862	.1379793	9.591155	261.2174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.791593	181.4046	.2490229	-.009181	2.922073	.2481106	13.08248
Stddev	.039416	.7436	.0018652	.000686	.185695	.0036093	.07816
%RSD	.5803649	.4098891	.7490035	7.469230	6.354913	1.454693	.5974739
#1	6.814060	181.8407	.2497858	-.009368	2.949135	.2516740	13.14923
#2	6.746081	180.5460	.2503858	-.009755	2.724331	.2444572	12.99649
#3	6.814639	181.8270	.2468973	-.008422	3.092752	.2482007	13.10173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.50964	9.173066	-.082635	.0080439	9.730572	8.393814	.6691438
Stddev	.13393	.029388	.008863	.0004209	.055202	.068844	.0023633
%RSD	.9913848	.3203747	10.72599	5.232974	.5673016	.8201767	.3531840
#1	13.64737	9.190385	-.082473	.0082547	9.770052	8.465713	.6675443
#2	13.37986	9.189679	-.091578	.0075592	9.754171	8.387231	.6718584
#3	13.50169	9.139134	-.073853	.0083177	9.667494	8.328497	.6680288

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-19 Acquired: 12/14/2024 19:15:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.090291	1.129394	.1704601
Stddev	.010508	.006588	.0033190
%RSD	.5026974	.5833032	1.947064
#1	2.098359	1.134879	.1673864
#2	2.078409	1.122087	.1700145
#3	2.094105	1.131216	.1739793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.894	25964.00	2429.381	1795.704	2354.523
Stddev	3.580	150.09	6.023	10.195	5.587
%RSD	.1725493	.5780651	.2479430	.5677336	.2372976
#1	2070.848	25790.81	2424.418	1784.300	2349.870
#2	2077.652	26055.93	2427.643	1803.934	2352.979
#3	2076.181	26045.27	2436.083	1798.877	2360.720

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-20 Acquired: 12/14/2024 19:19:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0506495**	**.0181563**	**1.334781**	**-.019728**	**.0165892**	**106.7136**
Stddev	.0034750	.0031995	.012016	.002416	.0018515	.3272
%RSD	6.860967	17.62172	.9002159	12.24823	11.16089	.3066324
#1	.0497994	.0209837	1.347615	-.019781	.0152841	107.0378
#2	.0476783	.0146833	1.323797	-.017285	.0187082	106.7196
#3	.0544707	.0188018	1.332932	-.022117	.0157753	106.3834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8823056**	**.0078398**	**.0120341**	F **969.2916**	**.1592249**	**.1492202**
Stddev	.0028418	.0001507	.0001524	2.3526	.0014764	.0013822
%RSD	.3220897	1.921733	1.266841	.2427176	.9272497	.9262654
#1	.8855861	.0078514	.0121510	971.4344	.1598260	.1508099
#2	.8807341	.0076837	.0120896	969.6664	.1575428	.1483024
#3	.8805966	.0079844	.0118617	966.7741	.1603060	.1485484

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.597369**	**191.0281**	**5.541291**	**311.5805**	**.1787866**	**-.009053**
Stddev	.003508	.3036	.009132	.6925	.0004934	.000119
%RSD	.0975116	.1589414	.1647912	.2222607	.2759966	1.314815
#1	3.595362	191.3667	5.551827	312.3744	.1782271	-.009183
#2	3.595325	190.9375	5.536390	311.2668	.1791596	-.008950
#3	3.601419	190.7800	5.535657	311.1004	.1789732	-.009024

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.384291**	**.2206370**	**4.413673**	**13.44002**	**3.738780**	**-.021087**
Stddev	.573695	.0102911	.023347	.15871	.017179	.000400
%RSD	24.06145	4.664261	.5289777	1.180860	.4594759	1.895151
#1	2.900842	.2287911	4.409447	13.58601	3.757897	-.021474
#2	1.766840	.2240458	4.392727	13.46294	3.733807	-.020675
#3	2.485191	.2090740	4.438845	13.27109	3.724637	-.021111

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-20 Acquired: 12/14/2024 19:19:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067868	10.53907	20.83447	.3485566	2.342264	.9665808
Stddev	.0006418	.05309	.15360	.0016147	.009864	.0021621
%RSD	9.456307	.5037824	.7372203	.4632455	.4211336	.2236864
#1	.0060457	10.59155	20.98938	.3496859	2.353515	.9690580
#2	.0071538	10.54027	20.83179	.3492767	2.338178	.9650734
#3	.0071608	10.48538	20.68223	.3467071	2.335100	.9656109

Elem	Li6707
Units	ppm
Avg	.1549296
Stddev	.0025945
%RSD	1.674639
#1	.1519390
#2	.1562720
#3	.1565779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.957	24669.10	2371.690	1708.774	2283.646
Stddev	8.000	115.60	5.966	4.834	11.264
%RSD	.3993929	.4686054	.2515652	.2829013	.4932484
#1	1993.720	24675.93	2368.502	1713.406	2270.642
#2	2007.503	24781.14	2367.994	1709.157	2290.376
#3	2007.648	24550.24	2378.573	1703.760	2289.921

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-21 Acquired: 12/14/2024 19:23:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1703763	.0428731	.9015533	-.003541	.0141221	63.26780	1.035947
Stddev	.0061296	.0026768	.0024668	.004652	.0034140	.76783	.015274
%RSD	3.597690	6.243465	.2736110	131.3769	24.17490	1.213625	1.474363
#1	.1738477	.0407186	.9028579	-.001974	.0164708	64.01895	1.050442
#2	.1632988	.0458697	.8987082	.000125	.0156896	63.30015	1.037401
#3	.1739823	.0420310	.9030938	-.008775	.0102058	62.48430	1.019999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057415	.0098189	642.1874	.0861444	.1348977	.9785362	165.9251
Stddev	.0000741	.0000459	8.2568	.0030544	.0012567	.0157877	2.0649
%RSD	1.291037	.4677078	1.285729	3.545654	.9316238	1.613395	1.244467
#1	.0057627	.0098123	650.4172	.0852996	.1358912	.9967613	167.8914
#2	.0056591	.0097767	642.2412	.0836013	.1353169	.9697895	166.1098
#3	.0058027	.0098678	633.9039	.0895322	.1334849	.9690579	163.7741

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.59646	143.0289	.1839970	-.003785	2.292263	.1490935	1.674558
Stddev	.24531	1.8773	.0004785	.000655	.178015	.0055239	.036441
%RSD	1.251824	1.312550	.2600688	17.29855	7.765899	3.704987	2.176156
#1	19.82879	144.8572	.1843678	-.003076	2.450887	.1526386	1.659725
#2	19.62065	143.1234	.1841663	-.003912	2.326170	.1519132	1.647873
#3	19.33996	141.1061	.1834568	-.004366	2.099734	.1427289	1.716077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.985762	8.944621	-.033043	.0028354	5.520670	12.39228	.1918574
Stddev	.203528	.017929	.003520	.0001858	.019250	.17320	.0007834
%RSD	2.038184	.2004391	10.65321	6.551373	.3486851	1.397637	.4082970
#1	10.19486	8.964775	-.033387	.0029919	5.542773	12.59199	.1917210
#2	9.97412	8.938641	-.029364	.0026301	5.511659	12.28328	.1911511
#3	9.78831	8.930446	-.036379	.0028843	5.507579	12.30156	.1926999

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-21 Acquired: 12/14/2024 19:23:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.140755	.8738517	.0640268
Stddev	.018855	.0112300	.0016104
%RSD	1.652867	1.285118	2.515235
#1	1.158903	.8842446	.0644718
#2	1.142097	.8753712	.0622407
#3	1.121264	.8619393	.0653679

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.583	27079.95	2566.210	1874.358	2399.574
Stddev	9.099	600.76	29.103	39.602	1.281
%RSD	.4117984	2.218478	1.134083	2.112808	.0534046
#1	2218.364	27164.54	2533.904	1884.817	2400.677
#2	2210.188	27633.93	2574.349	1907.680	2398.168
#3	2200.197	26441.38	2590.377	1830.577	2399.877

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-22 Acquired: 12/14/2024 19:27:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2511943**	**.0556331**	**.6544398**	**.0088587**	**.0272002**	**65.26369**
Stddev	.0019077	.0053212	.0073285	.0028082	.0018002	.03125
%RSD	.7594341	9.564773	1.119816	31.69999	6.618365	.0478869
#1	.2523973	.0495422	.6464284	.0117303	.0289059	65.26714
#2	.2489947	.0593790	.6560854	.0087272	.0253184	65.23086
#3	.2521909	.0579781	.6608057	.0061185	.0273763	65.29307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.235981**	**.0062152**	**.0080003**	**538.3765**	**.0839036**	**.1718409**
Stddev	.001190	.0000910	.0002882	.4547	.0005454	.0025226
%RSD	.0963027	1.463937	3.602894	.0844624	.6500132	1.467969
#1	1.236919	.0061854	.0076689	538.8514	.0845285	.1698079
#2	1.234642	.0063174	.0081921	537.9450	.0835241	.1710510
#3	1.236384	.0061429	.0081400	538.3333	.0836581	.1746640

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7426560**	**210.0513**	**29.43274**	**57.45344**	**.2072201**	**-.005855**
Stddev	.0093450	.1415	.01530	.12378	.0038781	.000418
%RSD	1.258326	.0673554	.0519858	.2154449	1.871483	7.141561
#1	.7400698	210.2095	29.41508	57.51584	.2033595	-.006281
#2	.7348765	210.0077	29.44211	57.53360	.2071855	-.005838
#3	.7530218	209.9368	29.44103	57.31088	.2111154	-.005445

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.479664**	**.1616473**	**.5595234**	**10.69053**	F **14.12422**	**-.059916**
Stddev	.439047	.0097243	.0072638	.04353	.21258	.000390
%RSD	29.67203	6.015783	1.298207	.4071864	1.505068	.6515416
#1	1.695202	.1722661	.5652573	10.72493	13.92560	-.060292
#2	.974505	.1531767	.5513551	10.70508	14.09864	-.059943
#3	1.769286	.1594990	.5619580	10.64159	14.34844	-.059512

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4980-22 Acquired: 12/14/2024 19:27:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001281	3.347560	13.02865	.0550744	.6924107	.4951142
Stddev	.000449	.058404	.02281	.0017545	.0017583	.0014617
%RSD	35.08775	1.744669	.1750671	3.185646	.2539376	.2952160
#1	-.001083	3.290219	13.03152	.0531382	.6904654	.4965580
#2	-.001795	3.345491	13.00455	.0565588	.6928798	.4936353
#3	-.000964	3.406972	13.04989	.0555263	.6938869	.4951495

Elem	Li6707
Units	ppm
Avg	.0587022
Stddev	.0059484
%RSD	10.13325
#1	.0655580
#2	.0556381
#3	.0549104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2411.564	29611.77	2771.580	2065.661	2434.659
Stddev	19.740	87.94	10.103	5.173	31.686
%RSD	.8185668	.2969671	.3645096	.2504437	1.301470
#1	2430.866	29529.95	2767.549	2062.812	2465.672
#2	2412.414	29704.76	2783.076	2071.632	2435.963
#3	2391.413	29600.61	2764.116	2062.537	2402.340

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-01 Acquired: 12/14/2024 19:30:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0510708**	**.0245723**	**.5397935**	**-.000412**	**.0178841**	**71.85740**	**.8678520**
Stddev	.0067510	.0043331	.0056975	.003684	.0011854	.68942	.0071783
%RSD	13.21892	17.63425	1.055502	893.3941	6.628441	.9594346	.8271374
#1	.0442442	.0213007	.5360205	-.000952	.0167051	71.16248	.8616193
#2	.0577436	.0294866	.5370126	-.003797	.0178714	72.54120	.8757005
#3	.0512246	.0229296	.5463475	.003512	.0190759	71.86852	.8662362

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0050141**	**.0076676**	**228.7534**	**.0972910**	**.1023779**	**.1123633**	**151.6892**
Stddev	.0000340	.0001278	1.7120	.0013411	.0012297	.0032211	1.5366
%RSD	.6772057	1.666224	.7484102	1.378472	1.201162	2.866688	1.012971
#1	.0050415	.0075537	227.1138	.0978475	.1011667	.1149662	150.3450
#2	.0049761	.0076434	230.5296	.0982643	.1023417	.1133628	153.3642
#3	.0050246	.0078058	228.6167	.0957612	.1036254	.1087609	151.3584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.641761**	**92.89018**	**.1693098**	**-.005231**	**-.240230**	**.1679833**	**.9770453**
Stddev	.100736	.98473	.0020852	.000170	.124290	.0091749	.0044269
%RSD	1.044787	1.060102	1.231585	3.258385	51.73787	5.461803	.4530957
#1	9.549651	91.89147	.1679634	-.005334	-.380593	.1718793	.9742248
#2	9.749334	93.86031	.1682542	-.005034	-.144133	.1575033	.9747636
#3	9.626296	92.91877	.1717117	-.005324	-.195964	.1745674	.9821477

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.221929**	**5.714708**	**-.074424**	**.0004881**	**1.762636**	**9.632035**	**.0248738**
Stddev	.130902	.078886	.001444	.0006344	.019236	.116169	.0012048
%RSD	1.812556	1.380407	1.940549	129.9508	1.091321	1.206070	4.843581
#1	7.094662	5.646961	-.072856	-.000096	1.744582	9.549047	.0242616
#2	7.356185	5.695848	-.074715	.000398	1.760458	9.764798	.0262617
#3	7.214940	5.801315	-.075701	.001163	1.782868	9.582260	.0240980

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-01 Acquired: 12/14/2024 19:30:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.323330	.0924007	.0848950
Stddev	.015967	.0006321	.0058876
%RSD	1.206596	.6841087	6.935107
#1	1.306742	.0916774	.0786209
#2	1.338595	.0926775	.0902992
#3	1.324652	.0928472	.0857648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.731	28384.86	2590.879	1974.422	2627.490
Stddev	21.250	252.54	28.828	18.504	30.271
%RSD	.9399770	.8896868	1.112666	.9372040	1.152093
#1	2282.199	28294.96	2614.334	1958.733	2656.051
#2	2260.290	28189.58	2558.696	1969.704	2630.661
#3	2239.705	28670.05	2599.608	1994.828	2595.758

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-02 Acquired: 12/14/2024 19:34:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2928100**	**.0267635**	**3.235535**	**-.001532**	**.0207579**	**45.37259**
Stddev	.0017703	.0034998	.019188	.002064	.0013903	.30924
%RSD	.6045791	13.07678	.5930423	134.6904	6.697646	.6815661
#1	.2947689	.0305159	3.251339	-.000030	.0196997	45.56509
#2	.2913248	.0261865	3.214184	-.003885	.0202415	45.53681
#3	.2923363	.0235880	3.241081	-.000681	.0223325	45.01588

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.779223**	**.0049156**	**.0147933**	F **1185.608**	**.0954464**	**.1032024**
Stddev	.026303	.0001100	.0000824	2.551	.0039015	.0011159
%RSD	.6959803	2.237625	.5573441	.2151285	4.087656	1.081227
#1	3.789897	.0050165	.0147049	1184.971	.0969955	.1041733
#2	3.798511	.0047984	.0148067	1183.436	.0910083	.1019834
#3	3.749261	.0049320	.0148681	1188.416	.0983355	.1034504

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2771238**	**182.6031**	**9.694038**	**244.5581**	**.1805233**	**-.007400**
Stddev	.0050923	.9936	.051003	.9000	.0012476	.001412
%RSD	1.837572	.5441472	.5261318	.3680119	.6911144	19.07668
#1	.2828616	183.2068	9.715705	245.0024	.1817662	-.008555
#2	.2753686	183.1462	9.730632	245.1495	.1792710	-.005826
#3	.2731411	181.4563	9.635779	243.5223	.1805326	-.007818

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6231950**	**.1273009**	**3.542939**	**9.062854**	**7.273148**	**-.048619**
Stddev	.2109661	.0063048	.112346	.216723	.048509	.002361
%RSD	33.85233	4.952704	3.170973	2.391334	.6669570	4.856804
#1	.4569099	.1323735	3.580531	9.238296	7.317564	-.051224
#2	.5521669	.1202422	3.416618	9.129677	7.221385	-.048014
#3	.8605083	.1292870	3.631668	8.820588	7.280493	-.046620

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-02 Acquired: 12/14/2024 19:34:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ34 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038232	11.66489	10.88495	.1159371	.9314967	.6928372
Stddev	.0003602	.09024	.03613	.0018707	.0092392	.0038418
%RSD	9.420025	.7736385	.3319128	1.613506	.9918715	.5544999
#1	.0035450	11.75738	10.92175	.1175253	.9342364	.6953303
#2	.0036947	11.57708	10.84953	.1164109	.9390562	.6947683
#3	.0042300	11.66020	10.88357	.1138751	.9211974	.6884130

Elem	Li6707
Units	ppm
Avg	.0561498
Stddev	.0047907
%RSD	8.532061
#1	.0596795
#2	.0580738
#3	.0506962

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2016.801	25298.50	2393.305	1753.200	2220.166
Stddev	2.504	736.44	14.325	55.140	6.183
%RSD	.1241690	2.911013	.5985441	3.145087	.2784941
#1	2016.627	24985.69	2380.767	1729.445	2217.356
#2	2019.387	26139.71	2390.230	1816.235	2227.255
#3	2014.387	24770.09	2408.918	1713.919	2215.887

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-03 Acquired: 12/14/2024 19:38:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3167641**	**.0305407**	**3.465555**	**.0051768**	**.0255753**	**51.63537**
Stddev	.0006019	.0029676	.023816	.0011840	.0023651	.88654
%RSD	.1900073	9.716993	.6872210	22.87141	9.247412	1.716924
#1	.3163802	.0339451	3.482692	.0043824	.0228575	50.70261
#2	.3164543	.0291773	3.438360	.0046103	.0271655	52.46702
#3	.3174577	.0284999	3.475612	.0065376	.0267030	51.73650

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.092560**	**.0053551**	**.0183233**	F **1345.886**	**.0993169**	**.1115166**
Stddev	.017305	.0000420	.0001188	22.396	.0026535	.0005517
%RSD	1.583885	.7852417	.6480649	1.664057	2.671789	.4947538
#1	1.074395	.0053100	.0184580	1320.186	.1021443	.1118396
#2	1.108853	.0053933	.0182784	1361.233	.0989258	.1108795
#3	1.094431	.0053620	.0182336	1356.239	.0968806	.1118306

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2870041**	**195.7001**	**9.878952**	**268.5969**	**.1969976**	**-.008651**
Stddev	.0204680	3.3004	.154088	3.7434	.0020554	.001027
%RSD	7.131603	1.686481	1.559762	1.393689	1.043356	11.87082
#1	.2647529	192.2427	9.725160	264.7396	.1987856	-.009535
#2	.3050292	198.8172	10.03333	272.2149	.1947520	-.008893
#3	.2912301	196.0402	9.87836	268.8361	.1974554	-.007525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.530533**	**.1436672**	**4.228131**	**8.271950**	**7.136145**	**-.059770**
Stddev	.518942	.0090011	.085208	.294516	.058778	.003677
%RSD	33.90595	6.265267	2.015258	3.560423	.8236676	6.152549
#1	1.792202	.1416674	4.298070	7.993338	7.196261	-.056410
#2	.932850	.1535001	4.253093	8.580139	7.078802	-.063699
#3	1.866547	.1358342	4.133230	8.242373	7.133373	-.059202

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-03 Acquired: 12/14/2024 19:38:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ35 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045080	12.30667	10.21192	.0955370	1.065548	.7268416
Stddev	.0003795	.12521	.13896	.0014643	.016302	.0093694
%RSD	8.418508	1.017406	1.360724	1.532668	1.529886	1.289049
#1	.0041019	12.43943	10.05423	.0962913	1.047255	.7179144
#2	.0045682	12.19071	10.31644	.0964703	1.078538	.7365980
#3	.0048537	12.28988	10.26508	.0938494	1.070851	.7260126

Elem	Li6707
Units	ppm
Avg	.0733748
Stddev	.0040684
%RSD	5.544675
#1	.0689859
#2	.0770201
#3	.0741182

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.573	24922.87	2390.771	1725.801	2187.514
Stddev	14.274	484.54	36.570	27.908	15.862
%RSD	.7064162	1.944168	1.529638	1.617087	.7250952
#1	2009.450	24492.68	2432.816	1698.372	2175.155
#2	2036.668	24828.14	2366.345	1724.865	2205.400
#3	2015.602	25447.78	2373.153	1754.164	2181.988

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-04 Acquired: 12/14/2024 19:42:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4998826**	**.0222941**	**4.507382**	**.0250930**	**.0434724**	**70.47416**
Stddev	.0044851	.0027152	.135342	.0045397	.0026560	1.55911
%RSD	.8972275	12.17915	3.002665	18.09139	6.109625	2.212312
#1	.5018528	.0218310	4.566847	.0217126	.0404243	71.64693
#2	.4947496	.0252111	4.352489	.0302528	.0447025	71.07069
#3	.5030453	.0198402	4.602811	.0233135	.0452903	68.70487

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.337709**	**.0073001**	**.0367876**	F **1015.152**	**.1638753**	**.1345784**
Stddev	.028364	.0002153	.0012305	22.159	.0030410	.0042163
%RSD	2.120310	2.948814	3.344889	2.182778	1.855700	3.132968
#1	1.359723	.0074930	.0373876	1030.618	.1666334	.1375898
#2	1.347704	.0073394	.0353722	1025.071	.1643783	.1297597
#3	1.305702	.0070678	.0376030	989.767	.1606141	.1363856

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4163735**	**277.1396**	**13.76586**	**449.9338**	**.2848985**	**-.013480**
Stddev	.0117108	6.2776	.29979	8.9282	.0101016	.000992
%RSD	2.812574	2.265133	2.177806	1.984329	3.545666	7.355868
#1	.4297851	281.6375	13.98094	455.9868	.2886094	-.012379
#2	.4111643	279.8136	13.89323	454.1346	.2734664	-.014301
#3	.4081710	269.9678	13.42341	439.6801	.2926198	-.013762

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.429447**	**.2103561**	**8.094439**	**10.45068**	**7.488143**	**-.084742**
Stddev	.478022	.0095336	.127017	.27213	.224167	.001512
%RSD	33.44103	4.532109	1.569183	2.603904	2.993631	1.784485
#1	1.731725	.2199784	8.212611	10.63797	7.591073	-.084947
#2	1.678278	.2101760	8.110584	10.57553	7.230996	-.083137
#3	.878338	.2009139	7.960121	10.13853	7.642360	-.086141

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-04 Acquired: 12/14/2024 19:42:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ36 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096298	16.09848	8.824740	.1258822	1.263729	.3953117
Stddev	.0006574	.49904	.172612	.0025908	.020438	.0076818
%RSD	6.826249	3.099919	1.956003	2.058127	1.617249	1.943224
#1	.0094774	16.32430	8.960065	.1288675	1.281541	.4012409
#2	.0090621	15.52645	8.883807	.1245576	1.268229	.3980605
#3	.0103500	16.44470	8.630348	.1242215	1.241416	.3866337

Elem	Li6707
Units	ppm
Avg	.1162753
Stddev	.0059653
%RSD	5.130290
#1	.1209880
#2	.1182694
#3	.1095684

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.788	25389.52	2449.776	1744.531	2184.717
Stddev	37.532	424.41	48.148	24.014	57.106
%RSD	1.834623	1.671586	1.965397	1.376555	2.613898
#1	2029.464	24986.78	2409.703	1723.159	2158.750
#2	2088.718	25349.08	2436.438	1739.915	2250.193
#3	2019.180	25832.70	2503.186	1770.518	2145.209

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-05 Acquired: 12/14/2024 19:46:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1718264**	**.0401668**	**1.915819**	**-.021457**	**.0059273**	**30.34506**
Stddev	.0047770	.0035404	.002113	.004337	.0033251	.37649
%RSD	2.780112	8.814142	.1103107	20.21158	56.09891	1.240683
#1	.1676214	.0422991	1.916185	-.018238	.0026467	30.50872
#2	.1770205	.0360801	1.917726	-.019744	.0092952	29.91444
#3	.1708375	.0421213	1.913547	-.026388	.0058400	30.61202

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7516091**	**.0036457**	**.0110991**	F **1611.175**	**.0622190**	**.1005861**
Stddev	.0100338	.0000531	.0001565	13.921	.0000514	.0013361
%RSD	1.334976	1.455871	1.409674	.8640072	.0825572	1.328365
#1	.7591675	.0036403	.0109544	1615.896	.0621997	.1001965
#2	.7402252	.0035955	.0112651	1595.508	.0621801	.1020738
#3	.7554344	.0037013	.0110777	1622.122	.0622772	.0994881

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2167041**	**124.6738**	**11.29718**	**187.9829**	**.1317795**	**-.004708**
Stddev	.0023438	1.4565	.10726	1.8330	.0018563	.000643
%RSD	1.081581	1.168280	.9494799	.9750885	1.408667	13.66199
#1	.2141428	125.2014	11.33657	188.3991	.1338057	-.004629
#2	.2187419	123.0270	11.17579	185.9775	.1301606	-.004108
#3	.2172276	125.7930	11.37919	189.5720	.1313722	-.005387

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.445439**	**.1208458**	**3.785749**	**4.597036**	**3.493888**	**-.041558**
Stddev	.700435	.0096914	.065478	.071743	.011805	.002023
%RSD	48.45827	8.019613	1.729601	1.560641	.3378795	4.868924
#1	.961040	.1320362	3.765184	4.610620	3.484014	-.041890
#2	1.126723	.1151913	3.733021	4.519472	3.506963	-.043395
#3	2.248555	.1153099	3.859041	4.661016	3.490687	-.039389

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-05 Acquired: 12/14/2024 19:46:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018264	4.119648	7.623187	.0483012	.6072393	.8951451
Stddev	.0000512	.030283	.064734	.0009930	.0079182	.0096324
%RSD	2.801558	.7350825	.8491729	2.055755	1.303967	1.076071
#1	.0018593	4.084694	7.666333	.0483727	.6127707	.8980332
#2	.0017674	4.136273	7.548753	.0472745	.5981688	.8843990
#3	.0018525	4.137977	7.654476	.0492565	.6107784	.9030030

Elem	Li6707
Units	ppm
Avg	.0509210
Stddev	.0043273
%RSD	8.498079
#1	.0558357
#2	.0492449
#3	.0476824

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.781	24227.51	2348.298	1675.795	2201.288
Stddev	.753	248.84	14.233	16.671	5.024
%RSD	.0382333	1.027091	.6060933	.9947979	.2282089
#1	1968.667	24264.25	2337.112	1681.766	2205.797
#2	1968.092	24455.94	2364.318	1688.658	2195.873
#3	1969.584	23962.34	2343.463	1656.961	2202.193

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-06 Acquired: 12/14/2024 19:50:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1675443**	**.0367641**	**5.763290**	**-.011758**	**.0097200**	**59.45952**
Stddev	.0010829	.0043961	.074640	.008913	.0029695	1.00058
%RSD	.6463065	11.95755	1.295087	75.79962	30.55047	1.682797
#1	.1669805	.0415411	5.699358	-.001673	.0122061	59.84970
#2	.1687927	.0328887	5.845312	-.018578	.0064318	60.20623
#3	.1668597	.0358625	5.745199	-.015023	.0105223	58.32263

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.356078**	**.0053077**	**.0060112**	F **1299.009**	**.0706161**	**.1156692**
Stddev	.022949	.0000925	.0002282	21.849	.0011501	.0016771
%RSD	1.692289	1.742888	3.796946	1.681982	1.628673	1.449904
#1	1.360654	.0053127	.0057477	1320.549	.0718725	.1138670
#2	1.376393	.0053976	.0061464	1299.613	.0696153	.1171841
#3	1.331186	.0052128	.0061396	1276.863	.0703606	.1159565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2276537**	**141.7883**	**12.39376**	**85.33093**	**.1266578**	**-.005110**
Stddev	.0022664	1.9938	.19994	1.39476	.0017887	.000524
%RSD	.9955668	1.406205	1.613201	1.634525	1.412247	10.24876
#1	.2254076	142.3213	12.43859	85.92038	.1256671	-.004518
#2	.2299400	143.4614	12.56747	86.33418	.1287226	-.005511
#3	.2276134	139.5821	12.17521	83.73822	.1255836	-.005302

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.196175**	**.1677939**	**1.215434**	**5.514599**	**6.277896**	**-.051869**
Stddev	.713653	.0094553	.017480	.206925	.073111	.001016
%RSD	59.66124	5.635048	1.438141	3.752311	1.164584	1.958314
#1	.650641	.1681927	1.235608	5.600650	6.215660	-.052841
#2	2.003821	.1770435	1.204788	5.664612	6.358413	-.051953
#3	.934064	.1581456	1.205907	5.278533	6.259614	-.050815

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-06 Acquired: 12/14/2024 19:50:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ38 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010546	2.507731	9.761720	.0553293	1.509348	1.038945
Stddev	.0002339	.029393	.191596	.0018715	.021171	.016026
%RSD	22.17660	1.172080	1.962725	3.382423	1.402682	1.542569
#1	.0012403	2.480879	9.841930	.0545207	1.511280	1.043249
#2	.0007920	2.539133	9.900174	.0539981	1.529487	1.052380
#3	.0011315	2.503182	9.543055	.0574691	1.487277	1.021206

Elem	Li6707
Units	ppm
Avg	.1082153
Stddev	.0034355
%RSD	3.174662
#1	.1121816
#2	.1061715
#3	.1062927

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.638	26660.79	2527.911	1848.587	2295.537
Stddev	20.143	416.40	45.276	29.729	28.832
%RSD	.9318583	1.561845	1.791031	1.608217	1.256004
#1	2175.099	26202.01	2501.868	1816.432	2316.315
#2	2138.480	26765.56	2501.674	1854.254	2262.620
#3	2171.334	27014.80	2580.191	1875.075	2307.675

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-07 Acquired: 12/14/2024 19:54:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ39 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1200361**	**.0325832**	**8.564634**	**-.005026**	**.0138970**	**60.08558**	**1.672487**
Stddev	.0034756	.0029443	.069236	.004366	.0043746	.72600	.019174
%RSD	2.895436	9.036168	.8083956	86.88379	31.47876	1.208274	1.146429
#1	.1224156	.0329952	8.557899	-.001415	.0172214	59.61431	1.664955
#2	.1160476	.0294546	8.636991	-.009878	.0089411	60.92164	1.694283
#3	.1216452	.0352997	8.499011	-.003783	.0155286	59.72081	1.658222

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045416**	**.0050542**	**550.5331**	**.0815231**	**.1174551**	**.1672403**	**151.3329**
Stddev	.0001557	.0000244	6.7315	.0015465	.0013997	.0023458	1.5542
%RSD	3.428730	.4832565	1.222730	1.896967	1.191705	1.402663	1.027023
#1	.0046235	.0050357	545.6904	.0816309	.1165568	.1695814	150.2053
#2	.0046393	.0050450	558.2199	.0799255	.1190678	.1672497	153.1059
#3	.0043620	.0050819	547.6890	.0830128	.1167405	.1648898	150.6877

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.43799**	**43.61291**	**.1235990**	**-.005343**	**.9311975**	**.1508772**	**.7275950**
Stddev	.13339	.38452	.0016862	.001082	.2900910	.0090040	.0132436
%RSD	1.072450	.8816603	1.364211	20.25596	31.15246	5.967757	1.820193
#1	12.35397	43.30319	.1225476	-.004609	.8727166	.1490870	.7251355
#2	12.59180	44.04328	.1255439	-.004833	1.246074	.1429029	.7157536
#3	12.36821	43.49226	.1227057	-.006586	.674802	.1606419	.7418960

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.901635**	**8.399871**	**-.059211**	**.0009784**	**2.240754**	**8.950838**	**.0761632**
Stddev	.082665	.080907	.003455	.0007080	.022576	.052403	.0020322
%RSD	1.400711	.9631987	5.834903	72.36792	1.007510	.5854533	2.668239
#1	5.889345	8.383459	-.063133	.0002305	2.237131	8.960785	.0769414
#2	5.989757	8.487726	-.057880	.0010662	2.264922	8.997555	.0776914
#3	5.825804	8.328428	-.056619	.0016384	2.220209	8.894175	.0738569

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-07 Acquired: 12/14/2024 19:54:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ39 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.125774	.4716888	.0966012
Stddev	.012001	.0059244	.0006251
%RSD	1.066039	1.256000	.6471025
#1	1.120181	.4681472	.0961546
#2	1.139551	.4785283	.0963335
#3	1.117590	.4683909	.0973156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2315.419	28854.59	2733.281	1995.939	2461.612
Stddev	18.463	381.37	24.146	25.923	23.015
%RSD	.7974098	1.321705	.8834192	1.298785	.9349466
#1	2305.719	28975.32	2743.323	2008.663	2456.606
#2	2303.827	29160.99	2705.734	2013.042	2441.511
#3	2336.710	28427.47	2750.785	1966.113	2486.717

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-08 Acquired: 12/14/2024 19:58:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0695768**	**.0357759**	**9.564502**	**-.023531**	**.0051409**	**49.69055**
Stddev	.0010820	.0007262	.016098	.004758	.0013372	.90965
%RSD	1.555084	2.029835	.1683057	20.21922	26.01117	1.830629
#1	.0686711	.0355866	9.569380	-.026952	.0043525	48.97505
#2	.0692843	.0365780	9.546529	-.025544	.0066848	49.38234
#3	.0707749	.0351631	9.577596	-.018098	.0043853	50.71426

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.148602**	**.0036157**	**.0037535**	F **948.8061**	**.0643953**	**.1028033**
Stddev	.020698	.0001341	.0001740	17.7212	.0018180	.0008323
%RSD	1.802039	3.709917	4.636659	1.867733	2.823234	.8096001
#1	1.133029	.0034624	.0039541	934.7197	.0650944	.1036659
#2	1.140689	.0037114	.0036629	942.9956	.0623315	.1020051
#3	1.172090	.0036733	.0036434	968.7031	.0657600	.1027387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1259208**	**128.0682**	**13.46315**	**40.15907**	**.0990939**	**-.004225**
Stddev	.0033106	2.5128	.25332	.89996	.0003483	.000492
%RSD	2.629077	1.962101	1.881574	2.240990	.3514682	11.64262
#1	.1221102	126.1626	13.26388	39.41875	.0991742	-.003991
#2	.1275621	127.1261	13.37734	39.89766	.0993951	-.003894
#3	.1280900	130.9160	13.74822	41.16080	.0987125	-.004790

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.011967**	**.1236913**	**.4070675**	**4.674929**	**4.443460**	**-.049706**
Stddev	.296488	.0086160	.0141530	.189141	.012192	.000612
%RSD	29.29818	6.965697	3.476825	4.045856	.2743891	1.230519
#1	.879034	.1185392	.4097638	4.556340	4.455468	-.050346
#2	1.351658	.1188968	.3917603	4.575395	4.431091	-.049127
#3	.805208	.1336381	.4196784	4.893053	4.443822	-.049644

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-08 Acquired: 12/14/2024 19:58:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ40 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000385	1.350887	9.069850	.0318090	.8798530	.6877804
Stddev	.000449	.013462	.199014	.0014746	.0145922	.0126134
%RSD	116.4846	.9965161	2.194235	4.635862	1.658486	1.833927
#1	.000079	1.364262	8.915646	.0301066	.8737801	.6787191
#2	-.000418	1.351058	8.999397	.0326916	.8692780	.6824359
#3	-.000817	1.337340	9.294507	.0326287	.8965010	.7021861

Elem	Li6707
Units	ppm
Avg	.0694291
Stddev	.0050861
%RSD	7.325643
#1	.0697861
#2	.0743274
#3	.0641739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.079	27178.64	2546.774	1889.170	2402.308
Stddev	9.361	521.70	51.252	32.763	7.183
%RSD	.4270178	1.919516	2.012442	1.734234	.2990022
#1	2186.286	27275.53	2584.910	1895.082	2394.448
#2	2202.878	27645.09	2566.899	1918.575	2408.532
#3	2187.072	26615.28	2488.514	1853.855	2403.945

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-09 Acquired: 12/14/2024 20:01:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494880	.0135217	.6944605	.0003676	.0177129	69.35465	.6676237
Stddev	.0014821	.0037100	.0007010	.0049803	.0019948	1.18574	.0099936
%RSD	2.994846	27.43723	.1009396	1354.812	11.26157	1.709670	1.496889
#1	.0505491	.0171181	.6952699	.0028114	.0177896	68.80879	.6632456
#2	.0501203	.0137393	.6940527	-.005363	.0156809	70.71500	.6790592
#3	.0477946	.0097077	.6940589	.003654	.0196683	68.54014	.6605664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049127	.0046946	164.5618	.0994914	.0863136	.1265237	141.2253
Stddev	.0002100	.0000742	2.7828	.0009320	.0003326	.0070329	2.6824
%RSD	4.273632	1.580072	1.691041	.9367869	.3853758	5.558575	1.899408
#1	.0050269	.0047136	163.4256	.0995777	.0864366	.1344974	139.8691
#2	.0050409	.0046127	167.7329	.0985192	.0865673	.1238697	144.3151
#3	.0046704	.0047574	162.5269	.1003772	.0859370	.1212039	139.4918

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.506523	76.23772	.1580835	-.004213	.9095656	.1651775	1.008439
Stddev	.101904	1.22212	.0008940	.001260	.4069178	.0157724	.006242
%RSD	1.850603	1.603032	.5655124	29.91272	44.73760	9.548751	.6189514
#1	5.464413	75.66297	.1591046	-.005402	.4846239	.1633781	1.002722
#2	5.622733	77.64126	.1577041	-.002892	.9483973	.1817725	1.007496
#3	5.432423	75.40894	.1574417	-.004344	1.295676	.1503820	1.015098

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05808	7.118703	-.060706	.0007813	2.925125	9.990164	.0270181
Stddev	.18448	.011594	.001927	.0005274	.011818	.157948	.0011261
%RSD	1.834184	.1628614	3.174829	67.49408	.4040140	1.581040	4.168029
#1	9.85481	7.130706	-.061090	.0006982	2.935793	9.963767	.0267209
#2	10.21490	7.107567	-.062412	.0013453	2.912422	10.15965	.0260704
#3	10.10453	7.117835	-.058615	.0003005	2.927161	9.84708	.0282631

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-09 Acquired: 12/14/2024 20:01:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.281354	.0341410	.0734012
Stddev	.019306	.0002651	.0040521
%RSD	1.506684	.7763892	5.520530
#1	1.272242	.0340135	.0706378
#2	1.303529	.0344457	.0780529
#3	1.268290	.0339637	.0715131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.094	27693.27	2526.311	1934.553	2669.755
Stddev	6.371	73.50	36.144	3.441	7.498
%RSD	.2830061	.2654082	1.430711	.1778530	.2808455
#1	2244.575	27620.94	2532.102	1936.913	2661.097
#2	2257.305	27767.88	2487.620	1936.141	2674.037
#3	2251.403	27691.00	2559.209	1930.605	2674.130

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-10 Acquired: 12/14/2024 20:05:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0363118	.0161497	.3382093	-.004258	.0185161	82.19509	.7632829
Stddev	.0022206	.0032350	.0023298	.002999	.0008097	.66309	.0063312
%RSD	6.115460	20.03130	.6888566	70.43581	4.373006	.8067252	.8294685
#1	.0370582	.0141178	.3358164	-.000802	.0180467	82.25388	.7627836
#2	.0380631	.0198801	.3404704	-.005789	.0180505	81.50456	.7572161
#3	.0338141	.0144510	.3383409	-.006182	.0194511	82.82682	.7698489

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057882	.0051895	393.8359	.1128430	.1060923	.1095449	171.4734
Stddev	.0001361	.0001344	3.3582	.0024903	.0007087	.0079233	1.1160
%RSD	2.350909	2.589741	.8526843	2.206840	.6679732	7.232947	.6508033
#1	.0059411	.0053149	395.0989	.1155123	.1059538	.1038020	171.6456
#2	.0056803	.0052060	390.0293	.1124344	.1068600	.1062485	170.2814
#3	.0057434	.0050477	396.3794	.1105823	.1054631	.1185843	172.4933

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.589000	139.1599	.1664040	-.007832	1.260404	.1913932	.9902576
Stddev	.041667	1.1356	.0007029	.001913	.405297	.0044045	.0167501
%RSD	.7455129	.8160689	.4224281	24.42336	32.15608	2.301273	1.691493
#1	5.603699	139.2463	.1659824	-.009421	1.719365	.1916480	1.006576
#2	5.541976	137.9834	.1672155	-.005709	.951668	.1868669	.991091
#3	5.621325	140.2498	.1660142	-.008367	1.110180	.1956648	.973106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.974666	5.952742	-.087430	-.001841	1.289976	9.405876	.0240404
Stddev	.017748	.035129	.001643	.000196	.008411	.048842	.0010412
%RSD	.2225554	.5901393	1.879364	10.64259	.6520536	.5192727	4.330928
#1	7.959124	5.957743	-.086509	-.002053	1.290129	9.370150	.0245803
#2	7.994005	5.985103	-.086455	-.001667	1.298309	9.385946	.0247007
#3	7.970870	5.915380	-.089328	-.001802	1.281489	9.461532	.0228402

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-10 Acquired: 12/14/2024 20:05:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.553151	.2033002	.1022839
Stddev	.000333	.0016997	.0029369
%RSD	.0214600	.8360355	2.871278
#1	1.553522	.2029878	.1052192
#2	1.552878	.2017785	.0993455
#3	1.553052	.2051344	.1022871

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.204	26036.55	2462.943	1805.326	2449.930
Stddev	16.103	486.40	13.616	33.343	19.471
%RSD	.7485641	1.868143	.5528347	1.846924	.7947524
#1	2157.853	25486.87	2468.029	1768.836	2457.503
#2	2132.841	26211.48	2473.283	1812.937	2427.810
#3	2162.918	26411.29	2447.516	1834.206	2464.476

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-11 Acquired: 12/14/2024 20:09:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0427293	.0177950	.3710504	-.009531	.0201288	83.54270	.8007567
Stddev	.0027691	.0009357	.0028788	.003652	.0056724	.42487	.0044202
%RSD	6.480470	5.258366	.7758490	38.31397	28.18052	.5085710	.5519990
#1	.0458937	.0167297	.3718997	-.013711	.0160097	83.32356	.7976095
#2	.0415442	.0184837	.3678425	-.007924	.0177781	83.27214	.7988504
#3	.0407501	.0181717	.3734091	-.006958	.0265987	84.03240	.8058101

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060424	.0062916	419.1699	.1105136	.1139438	.1259661	180.9168
Stddev	.0001432	.0002143	1.5656	.0006790	.0010270	.0079346	.6064
%RSD	2.369066	3.405919	.3734947	.6143962	.9012746	6.299017	.3352002
#1	.0058943	.0062722	418.0508	.1112359	.1127894	.1169449	180.3901
#2	.0061801	.0060876	418.4998	.1104166	.1142863	.1318630	180.7805
#3	.0060527	.0065149	420.9590	.1098884	.1147557	.1290905	181.5798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.989126	154.9335	.1789145	-.008173	.4400925	.2041316	1.140526
Stddev	.022078	.8220	.0015141	.000394	.8306870	.0086316	.009718
%RSD	.3686423	.5305510	.8462544	4.826221	188.7528	4.228453	.8520796
#1	5.973776	154.3862	.1786588	-.007934	.6873879	.2036040	1.129934
#2	5.979173	154.5356	.1775446	-.008628	1.119050	.1957758	1.149032
#3	6.014429	155.8787	.1805402	-.007956	-.486160	.2130148	1.142611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.918723	6.176516	-.082140	-.001466	1.482767	9.956430	.0335146
Stddev	.060964	.043428	.001684	.000499	.013781	.024002	.0014277
%RSD	.8811428	.7031110	2.050714	34.00690	.9294265	.2410738	4.260025
#1	6.864620	6.129667	-.082049	-.001906	1.472697	9.954875	.0327151
#2	6.906771	6.184453	-.080503	-.001569	1.477130	9.933243	.0326658
#3	6.984777	6.215428	-.083868	-.000924	1.498472	9.981172	.0351630

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-11 Acquired: 12/14/2024 20:09:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.527462	.2405422	.1109413
Stddev	.007999	.0006285	.0051727
%RSD	.5236537	.2612984	4.662566
#1	1.525710	.2404964	.1054649
#2	1.520485	.2399377	.1157443
#3	1.536192	.2411923	.1116147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2204.461	27208.20	2541.050	1885.577	2471.669
Stddev	13.950	112.80	14.681	8.152	19.818
%RSD	.6327917	.4145811	.5777342	.4323382	.8017949
#1	2218.957	27329.06	2551.889	1893.936	2492.167
#2	2203.295	27105.72	2546.919	1885.149	2470.232
#3	2191.131	27189.81	2524.343	1877.648	2452.609

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-12 Acquired: 12/14/2024 20:13:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1306092**	**.0199532**	**1.702919**	**.0023098**	**.0285066**	**95.26662**
Stddev	.0011670	.0036547	.015860	.0041418	.0020384	2.18616
%RSD	.8934767	18.31607	.9313205	179.3145	7.150471	2.294776
#1	.1319415	.0230729	1.720553	.0051177	.0268014	96.02702
#2	.1297685	.0208546	1.698382	.0042588	.0279540	96.97103
#3	.1301175	.0159323	1.689822	-.002447	.0307642	92.80180

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.268894**	**.0075674**	**.0099988**	**364.8651**	**.1335562**	**.1401072**
Stddev	.028738	.0003207	.0002845	8.4021	.0009955	.0007271
%RSD	2.264809	4.238338	2.845646	2.302787	.7453750	.5189386
#1	1.277124	.0076685	.0103195	367.7915	.1328084	.1409318
#2	1.292618	.0078255	.0099006	371.4126	.1346861	.1398317
#3	1.236938	.0072083	.0097764	355.3912	.1331740	.1395581

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3221656**	**205.7744**	**9.094653**	**96.28705**	**.2406913**	**-.009582**
Stddev	.0167604	4.3850	.207075	2.26700	.0024980	.000355
%RSD	5.202404	2.130989	2.276886	2.354414	1.037828	3.703176
#1	.3300589	207.2517	9.145277	96.71640	.2427481	-.009580
#2	.3335220	209.2299	9.271722	98.30867	.2414142	-.009228
#3	.3029160	200.8415	8.866961	93.83608	.2379116	-.009938

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.147974**	**.2575063**	**1.509953**	**7.098601**	F **18.13915**	**-.094426**
Stddev	.185657	.0069460	.008883	.139513	.18983	.001683
%RSD	16.17258	2.697404	.5882760	1.965357	1.046509	1.782110
#1	.999762	.2641878	1.506220	7.131578	18.32197	-.093593
#2	1.087941	.2580081	1.520093	7.218671	18.15246	-.096363
#3	1.356220	.2503230	1.503547	6.945554	17.94302	-.093322

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-12 Acquired: 12/14/2024 20:13:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032532	2.221325	8.766145	.0714279	1.483088	.3308554
Stddev	.0006789	.026634	.193931	.0013218	.039509	.0084254
%RSD	20.86802	1.199005	2.212269	1.850540	2.663991	2.546540
#1	.0029091	2.250748	8.808405	.0729256	1.493280	.3339781
#2	.0028153	2.214363	8.935461	.0709341	1.516502	.3372736
#3	.0040352	2.198863	8.554569	.0704242	1.439481	.3213145

Elem	Li6707
Units	ppm
Avg	.1238276
Stddev	.0031701
%RSD	2.560075
#1	.1235613
#2	.1271224
#3	.1207990

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.340	29872.11	2827.195	2072.176	2424.648
Stddev	14.967	146.24	56.730	13.733	21.493
%RSD	.6204461	.4895508	2.006577	.6627528	.8864430
#1	2398.921	30027.99	2812.947	2083.108	2403.332
#2	2409.617	29737.94	2778.948	2056.762	2424.297
#3	2428.482	29850.40	2889.691	2076.658	2446.314

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-13 Acquired: 12/14/2024 20:17:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2301316**	**.0203825**	**2.008549**	**.0224410**	**.0364497**	**80.00272**	**1.556580**
Stddev	.0014862	.0025530	.051005	.0033329	.0008598	1.68652	.029316
%RSD	.6457942	12.52539	2.539397	14.85206	2.358800	2.108079	1.883385
#1	.2302115	.0210510	1.971319	.0260383	.0370330	80.45138	1.570369
#2	.2286072	.0175618	1.987642	.0194578	.0354623	78.13724	1.522912
#3	.2315763	.0225347	2.066686	.0218269	.0368537	81.41954	1.576460

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0079380**	**.0084110**	**127.8487**	**.1151380**	**.1226625**	**.3427129**	**219.1636**
Stddev	.0002204	.0004172	2.4903	.0036159	.0035677	.0015417	4.3912
%RSD	2.776316	4.959835	1.947820	3.140509	2.908544	.4498535	2.003621
#1	.0081113	.0079946	128.6349	.1185545	.1196561	.3419771	220.5807
#2	.0076900	.0084094	125.0603	.1113511	.1217265	.3444846	214.2388
#3	.0080129	.0088289	129.8510	.1155083	.1266049	.3416769	222.6713

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.21483**	**26.83983**	**.1687779**	**-.006702**	**1.245394**	**.2877655**	**1.308504**
Stddev	.27658	.41186	.0044503	.000269	.083552	.0072813	.039065
%RSD	1.705696	1.534493	2.636749	4.018234	6.708899	2.530279	2.985459
#1	16.32836	26.95511	.1658147	-.006980	1.165492	.2832858	1.330530
#2	15.89956	26.38262	.1666236	-.006442	1.332172	.2838438	1.263400
#3	16.41658	27.18176	.1738953	-.006685	1.238518	.2961671	1.331582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.590504**	**7.543543**	**-.095944**	**.0135583**	**3.216999**	**9.325654**	**.2257807**
Stddev	.286552	.182670	.002175	.0008889	.072866	.187431	.0049299
%RSD	4.347947	2.421547	2.266901	6.556128	2.265033	2.009843	2.183508
#1	6.643033	7.416557	-.095483	.0126393	3.168436	9.430847	.2227305
#2	6.281322	7.461178	-.098312	.0136219	3.181777	9.109255	.2231433
#3	6.847157	7.752893	-.094036	.0144136	3.300785	9.436860	.2314683

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-13 Acquired: 12/14/2024 20:17:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.386427	.1724315	.1171178
Stddev	.020937	.0026517	.0032924
%RSD	1.510113	1.537839	2.811205
#1	1.401956	.1739079	.1172363
#2	1.362617	.1693702	.1137678
#3	1.394709	.1740164	.1203494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.071	29307.56	2662.879	2048.209	2690.178
Stddev	46.032	650.87	42.696	43.021	61.834
%RSD	1.912356	2.220814	1.603360	2.100439	2.298493
#1	2444.709	28950.43	2643.169	2020.821	2737.638
#2	2420.755	30058.81	2711.869	2097.796	2712.644
#3	2355.749	28913.43	2633.599	2026.012	2620.252

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-14 Acquired: 12/14/2024 20:20:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1061061	.0287109	.9559456	.0233299	.0348993	83.13134	1.053120
Stddev	.0079084	.0046263	.0017114	.0005300	.0047062	.73707	.008253
%RSD	7.453290	16.11342	.1790238	2.271757	13.48511	.8866362	.7836718
#1	.1124381	.0319829	.9563795	.0227549	.0295557	83.85427	1.061259
#2	.1086384	.0234179	.9573982	.0237988	.0384273	82.38089	1.044758
#3	.0972417	.0307318	.9540590	.0234361	.0367149	83.15885	1.053342

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077914	.0060144	125.0997	.1026290	.1230702	.2043786	215.6291
Stddev	.0001517	.0000282	1.3489	.0018696	.0006659	.0016412	1.8315
%RSD	1.947375	.4697039	1.078242	1.821713	.5410826	.8030080	.8493690
#1	.0079247	.0060305	126.3456	.1034608	.1223189	.2041160	217.1958
#2	.0078232	.0059818	123.6673	.1004878	.1233038	.2028845	213.6155
#3	.0076263	.0060308	125.2863	.1039383	.1235878	.2061352	216.0759

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.01020	37.47723	.1486306	-.007794	.1942878	.1893190	.5003931
Stddev	.15307	.49722	.0003183	.000827	.5857597	.0003158	.0026523
%RSD	.8051845	1.326723	.2141429	10.61393	301.4908	.1668252	.5300504
#1	19.14605	37.83634	.1485304	-.006931	-.208797	.1896468	.5033989
#2	18.84436	36.90972	.1489869	-.007872	.866209	.1890167	.4983814
#3	19.04020	37.68563	.1483745	-.008580	-.074549	.1892937	.4993991

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.967626	7.861807	-.093631	.0034017	2.876427	6.651899	.0638597
Stddev	.136570	.034187	.002334	.0003270	.008436	.086033	.0014319
%RSD	1.960069	.4348482	2.492930	9.612925	.2932901	1.293359	2.242295
#1	7.039582	7.822540	-.096305	.0032130	2.868303	6.748587	.0622128
#2	6.810124	7.877929	-.092001	.0037793	2.885145	6.583801	.0648100
#3	7.053173	7.884952	-.092586	.0032129	2.875833	6.623309	.0645564

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-14 Acquired: 12/14/2024 20:20:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.260543	.0744766	.1197755
Stddev	.011771	.0005879	.0021082
%RSD	.9338424	.7893676	1.760166
#1	1.273285	.0751331	.1196735
#2	1.250072	.0739988	.1177201
#3	1.258274	.0742979	.1219329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.208	28464.77	2668.665	1978.123	2564.310
Stddev	4.912	332.65	27.857	20.108	5.042
%RSD	.2105221	1.168643	1.043854	1.016511	.1966095
#1	2332.727	28364.24	2637.088	1971.323	2564.895
#2	2338.343	28836.10	2689.764	2000.750	2569.034
#3	2328.555	28193.99	2679.142	1962.298	2559.002

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV020 Acquired: 12/14/2024 20:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.005453**	**5.265184**	**24.48401**	**4.689288**	**4.793764**	**420.9173**	**10.67774**
Stddev	.033928	.126826	.60719	.120297	.139566	16.1448	.40482
%RSD	.6778117	2.408773	2.479952	2.565352	2.911411	3.835627	3.791294
#1	4.979122	5.178389	24.08503	4.610835	4.697230	424.4882	10.75658
#2	4.993496	5.206430	24.18420	4.629241	4.730273	403.2860	10.23930
#3	5.043739	5.410733	25.18279	4.827787	4.953788	434.9778	11.03735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4786399**	**2.437541**	**410.9626**	**14.84729**	**2.333342**	**15.38061**	**417.7279**
Stddev	.0114250	.057424	15.4595	.01239	.055428	.56114	16.3054
%RSD	2.386978	2.355817	3.761784	.0834635	2.375473	3.648391	3.903344
#1	.4802156	2.398860	414.8283	14.85264	2.296661	15.52250	421.2233
#2	.4665088	2.410240	393.9371	14.85612	2.306261	14.76214	399.9583
#3	.4891953	2.503522	424.1225	14.83313	2.397104	15.85719	432.0021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.31816**	**390.0053**	**2.422733**	**1.263444**	**406.8350**	**2.535072**	**13.89925**
Stddev	.59220	15.0567	.057935	.001489	14.5412	.092481	.23771
%RSD	3.866000	3.860649	2.391323	.1178696	3.574232	3.648079	1.710218
#1	15.42198	393.0447	2.383186	1.264745	408.3745	2.553816	14.02304
#2	14.68092	373.6606	2.395778	1.261820	391.5853	2.434655	13.62519
#3	15.85159	403.3104	2.489235	1.263769	420.5452	2.616746	14.04951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**153.7955**	**4.910715**	**4.661115**	**5.005558**	**4.822044**	**5.017615**	**5.037361**
Stddev	5.7838	.123437	.113911	.135868	.116283	.122827	.124221
%RSD	3.760686	2.513627	2.443857	2.714334	2.411490	2.447915	2.465988
#1	155.0493	4.830700	4.677782	4.910028	4.743130	5.046467	4.951490
#2	147.4876	4.848570	4.539789	4.945547	4.767420	4.882930	4.980796
#3	158.8495	5.052874	4.765775	5.161098	4.955582	5.123447	5.179798

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV020 Acquired: 12/14/2024 20:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV020 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**5.195728**	**4.767337**	**5.265324**
Stddev	.200528	.183510	.185040
%RSD	3.859472	3.849325	3.514321
#1	5.217881	4.805453	5.308264
#2	4.985043	4.567762	5.062589
#3	5.384259	4.928796	5.425119

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1626.876**	**21962.18**	**2133.183**	**1445.714**	**2241.554**
Stddev	35.787	52.14	55.195	5.548	44.208
%RSD	2.199721	.2373916	2.587458	.3837321	1.972200
#1	1650.140	21902.77	2123.051	1440.920	2267.232
#2	1644.822	22000.30	2192.742	1451.791	2266.922
#3	1585.668	21983.47	2083.755	1444.433	2190.507

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB020 Acquired: 12/14/2024 20:28:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001730**	**-.003586**	**.0052675**	**.0026484**	**-.001244**	**.0053000**
Stddev	.002220	.002078	.0020428	.0018785	.001967	.0183906
%RSD	128.2726	57.95232	38.78164	70.92919	158.0952	346.9929
#1	-.004201	-.001321	.0069755	.0025273	-.000244	.0098090
#2	-.001085	-.005405	.0030045	.0008334	-.003510	-.014926
#3	.000095	-.004032	.0058225	.0045845	.000022	.021017

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001946**	**.0000416**	**-.000258**	**-.056177**	**.0002607**	**-.000171**
Stddev	.001077	.0000261	.000094	.045003	.0006048	.000181
%RSD	55.34650	62.82128	36.50563	80.11005	231.9939	105.8330
#1	-.001224	.0000356	-.000285	-.089950	.0008461	-.000380
#2	-.001429	.0000702	-.000336	-.005088	-.000362	-.000069
#3	-.003184	.0000190	-.000153	-.073493	.000298	-.000064

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.016729**	**.0077867**	**-.000408**	**.0074716**	**-.000873**	**.0020433**
Stddev	.006263	.0177110	.002030	.0443131	.000289	.0005028
%RSD	37.43551	227.4514	497.5869	593.0888	33.15834	24.60837
#1	-.010225	.0189091	.001330	-.025511	-.000948	.0025920
#2	-.017245	.0170882	.000085	.057841	-.000553	.0016045
#3	-.022719	-.012637	-.002638	-.009916	-.001118	.0019334

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021160**	**-.003004**	**.0005933**	**.2432888**	**-.001968**	**-.003125**
Stddev	.1631721	.000854	.0027674	.1964159	.003232	.000700
%RSD	7711.304	28.41707	466.4019	80.73365	164.1805	22.40556
#1	-.184393	-.003159	.0000609	.4473561	-.005700	-.002414
#2	.072220	-.002083	.0035883	.2269673	-.000158	-.003146
#3	.118521	-.003769	-.001869	.0555428	-.000048	-.003814

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB020 Acquired: 12/14/2024 20:28:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB020 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004943	-.008668	-.036891	-.000408	-.003180	.0001367
Stddev	.0006513	.004063	.000294	.000830	.002723	.0001112
%RSD	131.7715	46.87872	.7969376	203.5319	85.62671	81.33489
#1	.0012229	-.004965	-.037193	-.001343	-.006065	.0000092
#2	-.000031	-.008024	-.036872	-.000125	-.000654	.0001876
#3	.000291	-.013015	-.036606	.000244	-.002822	.0002133

Elem	Li6707
Units	ppm
Avg	F -.017461
Stddev	.001492
%RSD	8.546332
#1	-.019182
#2	-.016673
#3	-.016527

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2025.037	24759.54	2209.653	1726.939	2865.738
Stddev	3.167	21.51	20.191	4.369	8.190
%RSD	.1563834	.0868645	.9137533	.2530095	.2857958
#1	2022.967	24746.34	2186.580	1722.114	2860.673
#2	2023.462	24784.35	2218.293	1728.073	2861.353
#3	2028.683	24747.92	2224.087	1730.629	2875.187

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-15 Acquired: 12/14/2024 20:39:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0228353**	**.0403058**	**.0908630**	**-.033329**	**.0000120**	**34.94428**
Stddev	.0034864	.0033103	.0033536	.002909	.0031674	.04788
%RSD	15.26756	8.213013	3.690852	8.726860	26309.94	.1370244
#1	.0236516	.0379237	.0878904	-.030264	.0003532	34.96298
#2	.0190132	.0440858	.0944986	-.033671	.0029951	34.97998
#3	.0258412	.0389080	.0901999	-.036051	-.003312	34.88987

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5894401**	**.0023980**	**.0025659**	F **1613.508**	**.0465150**	**.1009241**
Stddev	.0018061	.0001121	.0000442	11.641	.0015213	.0007538
%RSD	.3064080	4.675343	1.721655	.7214669	3.270635	.7468688
#1	.5883066	.0024858	.0026169	1600.971	.0476047	.1003672
#2	.5915229	.0024365	.0025400	1623.975	.0447769	.1006233
#3	.5884908	.0022717	.0025407	1615.579	.0471635	.1017818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1219436**	**110.2962**	**14.72856**	**68.13786**	**.1042816**	**-.003788**
Stddev	.0076377	.5907	.08917	.41854	.0008139	.000352
%RSD	6.263273	.5355512	.6054456	.6142590	.7804449	9.282976
#1	.1248726	110.4161	14.76687	68.04763	.1042669	-.004122
#2	.1276833	110.8176	14.79218	68.59416	.1034752	-.003421
#3	.1132750	109.6547	14.62664	67.77179	.1051027	-.003821

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4153066**	**.0778142**	**.1374463**	**4.551188**	**4.875344**	**-.035576**
Stddev	.3262390	.0046198	.0106354	.161932	.050448	.001459
%RSD	78.55376	5.936967	7.737829	3.558019	1.034748	4.100591
#1	.7373895	.0780963	.1445260	4.627118	4.819109	-.034189
#2	.4234657	.0730598	.1252163	4.365243	4.890306	-.037098
#3	.0850646	.0822865	.1425967	4.661202	4.916619	-.035442

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-15 Acquired: 12/14/2024 20:39:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004201	1.128733	7.439104	.0190035	.5707318	.9149458
Stddev	.000912	.016791	.024546	.0036388	.0019546	.0039945
%RSD	21.72004	1.487582	.3299558	19.14818	.3424689	.4365827
#1	-.003738	1.109382	7.412133	.0150993	.5697252	.9167681
#2	-.005252	1.139453	7.445046	.0223005	.5729846	.9177042
#3	-.003613	1.137365	7.460134	.0196106	.5694857	.9103651

Elem	Li6707
Units	ppm
Avg	.0439822
Stddev	.0005109
%RSD	1.161669
#1	.0445059
#2	.0439557
#3	.0434851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2023.737	25121.80	2403.185	1739.186	2256.929
Stddev	2.530	608.49	6.823	37.600	10.547
%RSD	.1250183	2.422151	.2839033	2.161946	.4673354
#1	2023.411	24935.14	2407.666	1730.690	2268.616
#2	2026.414	25801.76	2395.333	1780.308	2254.056
#3	2021.385	24628.51	2406.555	1706.561	2248.116

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-16 Acquired: 12/14/2024 20:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0442427	.0554723	.3783950	-.030558	.0033002	39.14034
Stddev	.0034196	.0041466	.0040552	.004239	.0029084	.37672
%RSD	7.729122	7.475124	1.071682	13.87303	88.12687	.9624862
#1	.0412187	.0527124	.3829188	-.028854	.0004072	39.11997
#2	.0435557	.0602407	.3771796	-.035384	.0032697	38.77422
#3	.0479536	.0534638	.3750864	-.027436	.0062237	39.52684

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6857454	.0026789	.0041934	F 2342.602	.0490514	.1197718
Stddev	.0035182	.0001579	.0000381	9.971	.0005402	.0007410
%RSD	.5130526	5.895841	.9081001	.4256195	1.101255	.6186570
#1	.6852583	.0028415	.0041687	2340.681	.0495988	.1193731
#2	.6824961	.0025261	.0041741	2353.393	.0485187	.1206267
#3	.6894818	.0026691	.0042372	2333.731	.0490366	.1193155

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252747	125.4114	20.56725	96.95231	.1124219	-.003922
Stddev	.0078211	1.0909	.16187	.50591	.0013637	.001567
%RSD	6.243167	.8698298	.7870290	.5218162	1.213052	39.94601
#1	.1167179	125.2104	20.54750	96.92331	.1120783	-.005088
#2	.1320543	124.4350	20.41616	96.46152	.1139246	-.004535
#3	.1270517	126.5888	20.73809	97.47210	.1112628	-.002141

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7275303	.0979684	.3972595	4.789280	5.829275	-.044239
Stddev	.2792315	.0069975	.0049853	.169016	.032516	.000645
%RSD	38.38074	7.142579	1.254915	3.529052	.5577967	1.457502
#1	.8806208	.0898894	.3969732	4.635570	5.860540	-.043788
#2	.4052358	.1021120	.3924235	4.761988	5.795639	-.043952
#3	.8967343	.1019041	.4023817	4.970281	5.831645	-.044977

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-16 Acquired: 12/14/2024 20:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002832	1.597844	8.204139	.0334145	.6378694	1.224977
Stddev	.000598	.005097	.042988	.0007522	.0076415	.009074
%RSD	21.10512	.3189646	.5239765	2.251056	1.197969	.7407172
#1	-.002414	1.599740	8.218901	.0327518	.6367321	1.225261
#2	-.003517	1.592071	8.155715	.0342321	.6308603	1.215764
#3	-.002566	1.601721	8.237801	.0332597	.6460158	1.233905

Elem	Li6707
Units	ppm
Avg	.0439491
Stddev	.0022571
%RSD	5.135831
#1	.0413505
#2	.0450743
#3	.0454224

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2116.759	26092.31	2556.240	1811.522	2197.161
Stddev	3.808	32.41	13.707	6.181	7.249
%RSD	.1798968	.1242116	.5362341	.3411894	.3299190
#1	2112.551	26090.83	2553.578	1805.121	2189.454
#2	2117.759	26060.67	2571.083	1817.456	2198.189
#3	2119.967	26125.43	2544.059	1811.989	2203.842

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-17 Acquired: 12/14/2024 20:47:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1006347**	**.0498260**	**.4123147**	**.0026405**	**.0208084**	**60.62176**	**1.425995**
Stddev	.0007915	.0023448	.0069824	.0026226	.0020606	1.06110	.024110
%RSD	.7865233	4.705956	1.693467	99.32082	9.902974	1.750366	1.690736
#1	.1000884	.0497743	.4141757	.0038189	.0187864	60.39884	1.425304
#2	.1002733	.0475075	.4181781	-.000365	.0207331	59.68982	1.402238
#3	.1015424	.0521962	.4045904	.004467	.0229056	61.77661	1.450443

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049218**	**.0068369**	**680.2488**	**.0786756**	**.1401788**	**.1970261**	**184.5791**
Stddev	.0000788	.0002499	11.8243	.0023479	.0020071	.0104105	3.1227
%RSD	1.601462	3.655359	1.738227	2.984247	1.431787	5.283833	1.691786
#1	.0048312	.0069198	678.2350	.0804416	.1394865	.2061327	183.6400
#2	.0049752	.0070348	669.5608	.0795741	.1424404	.1992684	182.0338
#3	.0049589	.0065560	692.9507	.0760112	.1386096	.1856771	188.0636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**27.34916**	**55.99114**	**.1684018**	**-.004943**	**.8493015**	**.1473207**	**.4524256**
Stddev	.47284	.96735	.0023148	.001083	.4792797	.0041422	.0088558
%RSD	1.728900	1.727686	1.374561	21.91183	56.43223	2.811671	1.957402
#1	27.26344	55.82184	.1681808	-.004601	1.054655	.1444336	.4606648
#2	26.92505	55.11962	.1708192	-.006156	.301561	.1520667	.4535512
#3	27.85900	57.03197	.1662055	-.004072	1.191688	.1454618	.4430609

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.655077**	**9.589906**	**-.060432**	**-.000738**	**2.682064**	**9.306758**	**.0357527**
Stddev	.180167	.114176	.001661	.000066	.028233	.068678	.0018739
%RSD	2.707208	1.190590	2.748387	8.942440	1.052667	.7379421	5.241260
#1	6.623564	9.540953	-.061335	-.000663	2.677396	9.285406	.0368599
#2	6.492746	9.720396	-.061445	-.000787	2.712340	9.251291	.0335891
#3	6.848921	9.508368	-.058515	-.000764	2.656456	9.383576	.0368092

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-17 Acquired: 12/14/2024 20:47:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9391691	.4361037	.0533901
Stddev	.0227699	.0075006	.0037646
%RSD	2.424468	1.719902	7.051018
#1	.9311002	.4357828	.0535295
#2	.9215325	.4287687	.0495578
#3	.9648746	.4437595	.0570831

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2327.422	29021.99	2711.743	2020.697	2380.439
Stddev	18.363	438.85	30.597	30.889	25.597
%RSD	.7889814	1.512127	1.128324	1.528623	1.075324
#1	2340.508	28650.44	2727.037	1994.408	2393.506
#2	2306.430	28909.34	2731.678	2012.967	2350.945
#3	2335.327	29506.18	2676.514	2054.717	2396.866

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-18 Acquired: 12/14/2024 20:50:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1094712**	**.0472529**	**.6021344**	**-.001358**	**.0245064**	**56.81608**	**1.675587**
Stddev	.0030407	.0056147	.0054250	.011213	.0041822	5.63756	.162364
%RSD	2.777662	11.88233	.9009597	825.6457	17.06557	9.922477	9.689981
#1	.1109349	.0514112	.5973980	.002183	.0286763	59.52979	1.754932
#2	.1059755	.0494815	.6009522	-.013914	.0203121	50.33488	1.488808
#3	.1115034	.0408660	.6080530	.007657	.0245310	60.58358	1.783021

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049912**	**.0066465**	**670.8753**	**.0868676**	**.1335848**	**.1772542**	**195.6658**
Stddev	.0003587	.0004050	64.6852	.0062861	.0003371	.0284613	18.9245
%RSD	7.186222	6.093575	9.641907	7.236461	.2523391	16.05676	9.671846
#1	.0052968	.0064182	702.3283	.0883257	.1332018	.1873057	204.7114
#2	.0045963	.0071141	596.4785	.0922966	.1337164	.1451310	173.9160
#3	.0050805	.0064072	713.8191	.0799806	.1338363	.1993258	208.3699

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**25.74538**	**77.16880**	**.1621995**	**-.006201**	**1.046313**	**.1652699**	**.5424144**
Stddev	2.47486	7.50121	.0011341	.001862	.586335	.0160635	.0206531
%RSD	9.612822	9.720521	.6992103	30.01942	56.03824	9.719580	3.807631
#1	26.98404	80.98917	.1633672	-.006524	1.253321	.1729561	.5612711
#2	22.89576	68.52647	.1611023	-.007880	.384553	.1468073	.5456302
#3	27.35635	81.99074	.1621288	-.004199	1.501065	.1760462	.5203421

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.675425**	**9.964121**	**-.060152**	**.0010797**	**2.734968**	**9.273183**	**.0473549**
Stddev	1.004726	.015559	.006639	.0005216	.004896	.656780	.0042781
%RSD	13.09017	.1561454	11.03714	48.30929	.1790168	7.082569	9.034035
#1	8.189031	9.962309	-.053866	.0013730	2.731328	9.666479	.0486800
#2	6.517717	9.949547	-.067095	.0013887	2.733041	8.514977	.0425710
#3	8.319527	9.980506	-.059495	.0004775	2.740534	9.638095	.0508136

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-18 Acquired: 12/14/2024 20:50:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.619290	.5284661	.0653193
Stddev	.156721	.0512135	.0117094
%RSD	9.678408	9.690976	17.92634
#1	1.697510	.5539599	.0703593
#2	1.438854	.4695091	.0519339
#3	1.721505	.5619293	.0736648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2284.321	28622.60	2690.835	1985.176	2399.912
Stddev	8.207	1056.47	203.957	76.446	9.072
%RSD	.3592774	3.691044	7.579683	3.850866	.3780339
#1	2275.293	28006.38	2581.604	1938.761	2395.113
#2	2291.331	28018.93	2926.143	1943.359	2410.376
#3	2286.338	29842.49	2564.758	2073.409	2394.246

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-19 Acquired: 12/14/2024 20:54:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1498373**	**.0401989**	**1.197341**	**.0025161**	**.0273210**	**57.31819**	**1.823753**
Stddev	.0025360	.0040395	.014304	.0037136	.0040264	1.58557	.049754
%RSD	1.692524	10.04867	1.194645	147.5974	14.73745	2.766266	2.728109
#1	.1492759	.0440585	1.200667	.0063857	.0318709	57.40199	1.829358
#2	.1476291	.0360009	1.209689	.0021814	.0242179	55.69237	1.771435
#3	.1526070	.0405374	1.181667	-.001019	.0258741	58.86020	1.870468

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0065565**	**.0070402**	**744.9924**	**.0778494**	**.1284006**	**.2591742**	**208.0495**
Stddev	.0002140	.0002648	19.3131	.0023651	.0022604	.0169524	5.3326
%RSD	3.264307	3.761591	2.592384	3.037993	1.760410	6.540909	2.563124
#1	.0065249	.0070756	746.7247	.0788479	.1285318	.2640857	208.2342
#2	.0063600	.0072855	724.8716	.0795515	.1305925	.2403084	202.6270
#3	.0067845	.0067594	763.3810	.0751489	.1260774	.2731286	213.2874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**22.70179**	**133.6830**	**.1703461**	**-.007051**	**2.123638**	**.1695325**	**.7741652**
Stddev	.56765	3.3534	.0025375	.001623	.280079	.0022437	.0171511
%RSD	2.500460	2.508454	1.489597	23.01371	13.18864	1.323473	2.215428
#1	22.73717	133.5722	.1718990	-.008151	2.116716	.1698860	.7878015
#2	22.11728	130.3864	.1717215	-.007816	1.847085	.1671330	.7797847
#3	23.25092	137.0904	.1674179	-.005187	2.407114	.1715784	.7549093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.859856**	**8.738512**	**-.055748**	**.0069072**	**4.792766**	**9.022330**	**.1153232**
Stddev	.326438	.120955	.000087	.0001829	.062335	.204016	.0005985
%RSD	4.153236	1.384156	.1563556	2.647917	1.300605	2.261238	.5189928
#1	7.727821	8.783930	-.055734	.0067488	4.816629	8.978919	.1157724
#2	7.620118	8.830183	-.055669	.0068655	4.839644	8.843513	.1146437
#3	8.231631	8.601422	-.055841	.0071074	4.722025	9.244558	.1155534

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4982-19 Acquired: 12/14/2024 20:54:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.280501	.7521857	.0888453
Stddev	.031393	.0193478	.0049790
%RSD	2.451612	2.572209	5.604114
#1	1.278122	.7546877	.0916313
#2	1.250366	.7317087	.0830969
#3	1.313016	.7701609	.0918076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.868	27642.48	2595.768	1918.202	2341.381
Stddev	19.405	588.28	55.904	41.616	28.096
%RSD	.8753500	2.128183	2.153654	2.169551	1.199957
#1	2207.792	27446.20	2616.646	1908.703	2329.287
#2	2203.664	27177.43	2638.229	1882.156	2321.358
#3	2239.148	28303.81	2532.430	1963.747	2373.498

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-04 Acquired: 12/14/2024 20:58:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0234123**	**.0334058**	**.3504747**	**-.032020**	**-.003236**	**28.91033**
Stddev	.0022448	.0020356	.0017324	.006059	.004364	.37360
%RSD	9.588073	6.093549	.4942951	18.92135	134.8634	1.292275
#1	.0225631	.0348729	.3487617	-.030518	-.007786	28.66898
#2	.0217161	.0342627	.3504366	-.026854	-.002837	28.72134
#3	.0259579	.0310819	.3522259	-.038688	.000915	29.34066

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2661287**	**.0024706**	**.0050780**	F **1335.088**	**.1110446**	**.0770599**
Stddev	.0027598	.0000282	.0001299	24.398	.0025284	.0009388
%RSD	1.037021	1.139558	2.557887	1.827450	2.276884	1.218250
#1	.2646070	.0024688	.0049927	1324.461	.1134877	.0763399
#2	.2644647	.0024997	.0052275	1317.805	.1112071	.0781217
#3	.2693144	.0024434	.0050138	1362.997	.1084388	.0767180

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0665772**	**90.19668**	**7.432618**	**637.3219**	**.0894704**	**-.003001**
Stddev	.0050052	1.09810	.094619	8.2870	.0012908	.000705
%RSD	7.517907	1.217448	1.273026	1.300286	1.442681	23.48895
#1	.0707977	89.49538	7.376386	631.2287	.0895423	-.003326
#2	.0610475	89.63247	7.379609	633.9787	.0907237	-.002192
#3	.0678863	91.46218	7.541859	646.7583	.0881452	-.003484

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.189213**	**.0996318**	**.8754116**	**6.973084**	**4.095195**	**.0286840**
Stddev	.618218	.0065899	.0057504	.115931	.023671	.0040538
%RSD	51.98541	6.614235	.6568780	1.662546	.5780309	14.13262
#1	1.900189	.1041563	.8810878	6.839847	4.078171	.0307035
#2	.889206	.1026680	.8755570	7.028475	4.122226	.0240171
#3	.778245	.0920711	.8695898	7.050928	4.085187	.0313314

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-04 Acquired: 12/14/2024 20:58:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ50 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003748	21.86854	9.200397	.0255306	.7549455	.6543040
Stddev	.000268	.12363	.130190	.0013064	.0129342	.0090921
%RSD	7.139721	.5653432	1.415048	5.116782	1.713259	1.389577
#1	-.003647	21.78747	9.276475	.0266152	.7454304	.6474825
#2	-.004052	22.01084	9.050071	.0240804	.7497337	.6508034
#3	-.003546	21.80731	9.274646	.0258962	.7696725	.6646260

Elem	Li6707
Units	ppm
Avg	.0355767
Stddev	.0026338
%RSD	7.403278
#1	.0360729
#2	.0327301
#3	.0379272

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.390	22803.96	2237.873	1565.523	2173.630
Stddev	8.993	328.26	25.904	18.370	10.777
%RSD	.4792541	1.439479	1.157524	1.173380	.4958240
#1	1883.658	22554.49	2243.308	1549.556	2182.836
#2	1866.333	22681.55	2260.628	1561.413	2161.775
#3	1879.177	23175.83	2209.683	1585.599	2176.280

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-05 Acquired: 12/14/2024 21:02:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0242122**	**.0370790**	**.3916106**	**-.046946**	**-.011255**	**16.57506**
Stddev	.0034779	.0041853	.0015435	.005570	.000517	.78557
%RSD	14.36413	11.28747	.3941393	11.86497	4.595322	4.739441
#1	.0240042	.0330081	.3923144	-.045926	-.011838	16.16355
#2	.0208430	.0413700	.3898406	-.041957	-.010853	17.48089
#3	.0277894	.0368590	.3926766	-.052956	-.011073	16.08074

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1421641**	**.0018874**	**.0149336**	F **2036.546**	**.0454429**	**.0773723**
Stddev	.0071255	.0000674	.0001859	105.742	.0050524	.0007409
%RSD	5.012159	3.571825	1.244988	5.192240	11.11810	.9575547
#1	.1381453	.0019585	.0147459	1993.096	.0469596	.0765989
#2	.1503912	.0018792	.0151177	2157.092	.0398059	.0780757
#3	.1379558	.0018244	.0149372	1959.451	.0495632	.0774421

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0299198**	**91.49853**	**10.10729**	F **1112.344**	**.0689551**	**-.001366**
Stddev	.0069242	4.47060	.51495	54.926	.0005630	.001311
%RSD	23.14254	4.885980	5.094861	4.937869	.8164684	95.96615
#1	.0259787	89.17266	9.83864	1082.420	.0695875	-.001560
#2	.0258658	96.65258	10.70101	1175.734	.0687697	.000031
#3	.0379149	88.67035	9.78221	1078.878	.0685082	-.002568

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.400397**	**.0514076**	**2.532415**	**7.338463**	**1.499639**	**.0530667**
Stddev	.251235	.0127403	.152678	.696639	.011282	.0073709
%RSD	17.94028	24.78299	6.028965	9.492980	.7523258	13.88984
#1	1.590404	.0483888	2.587509	6.840442	1.494521	.0496181
#2	1.495243	.0653862	2.359836	8.134545	1.491823	.0615298
#3	1.115546	.0404478	2.649899	7.040403	1.512573	.0480524

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-05 Acquired: 12/14/2024 21:02:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ51 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004436**	**21.72031**	**8.056539**	**.0218796**	**.1080317**	**.6026103**
Stddev	.000451	.13955	.320494	.0022867	.0044630	.0301261
%RSD	10.17641	.6424793	3.978061	10.45115	4.131195	4.999259
#1	-.004877	21.60674	7.884700	.0201362	.1114643	.5859050
#2	-.003974	21.67811	8.426307	.0244686	.1096442	.6373879
#3	-.004457	21.87609	7.858611	.0210339	.1029865	.5845380

Elem	Li6707
Units	ppm
Avg	**.0353345**
Stddev	.0029863
%RSD	8.451489
#1	.0326967
#2	.0385768
#3	.0347300

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1794.090**	**23118.82**	**2169.767**	**1572.607**	**2062.594**
Stddev	10.761	1542.98	92.418	105.881	10.639
%RSD	.5998149	6.674110	4.259346	6.732813	.5157834
#1	1806.310	22505.46	2220.255	1528.153	2074.497
#2	1789.931	24874.16	2063.103	1693.467	2059.273
#3	1786.029	21976.84	2225.944	1496.200	2054.013

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-06 Acquired: 12/14/2024 21:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0240430**	**.0411889**	**.3432982**	**-.044802**	**-.010692**	**12.50638**
Stddev	.0029672	.0010382	.0024026	.000616	.001690	.13973
%RSD	12.34143	2.520598	.6998521	1.374585	15.81087	1.117306
#1	.0206241	.0399902	.3451077	-.044299	-.009055	12.45265
#2	.0259480	.0417755	.3405723	-.045489	-.012431	12.66501
#3	.0255568	.0418010	.3442145	-.044618	-.010590	12.40149

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1609419**	**.0014342**	**.0100164**	F **1968.104**	**.0343779**	**.0757733**
Stddev	.0016119	.0001541	.0000861	12.810	.0007460	.0003927
%RSD	1.001556	10.74703	.8594013	.6508699	2.170058	.5182249
#1	.1592364	.0012562	.0099744	1982.554	.0347180	.0759245
#2	.1624403	.0015257	.0101154	1958.141	.0348932	.0760679
#3	.1611489	.0015206	.0099594	1963.618	.0335224	.0753275

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0206856**	**85.77751**	**11.64599**	F **1055.880**	**.0589182**	**-.001052**
Stddev	.0135980	1.20522	.15507	14.299	.0007600	.000600
%RSD	65.73644	1.405054	1.331530	1.354203	1.289846	56.99792
#1	.0316623	85.47922	11.56951	1050.649	.0596628	-.000456
#2	.0054741	87.10386	11.82445	1072.058	.0581438	-.001045
#3	.0249205	84.74944	11.54402	1044.934	.0589480	-.001655

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.023282**	**.0381497**	**1.671873**	**6.620371**	**1.293588**	**.0420310**
Stddev	.635330	.0037789	.014074	.026886	.002397	.0025991
%RSD	31.40098	9.905566	.8418369	.4061079	.1852786	6.183755
#1	2.612502	.0410832	1.667621	6.646161	1.292568	.0394288
#2	2.107169	.0338854	1.687584	6.592510	1.296326	.0446270
#3	1.350176	.0394805	1.660416	6.622443	1.291870	.0420372

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-06 Acquired: 12/14/2024 21:06:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ52 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004549	20.24062	6.013117	.0204461	.0412193	.5766720
Stddev	.000343	.09294	.070685	.0014134	.0006406	.0077183
%RSD	7.539555	.4591744	1.175507	6.912980	1.554033	1.338417
#1	-.004184	20.22227	5.949490	.0188798	.0417332	.5728208
#2	-.004598	20.34137	6.089203	.0216267	.0414231	.5855580
#3	-.004865	20.15823	6.000657	.0208317	.0405017	.5716371

Elem	Li6707
Units	ppm
Avg	.0249322
Stddev	.0029503
%RSD	11.83349
#1	.0282525
#2	.0226118
#3	.0239321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1794.193	22262.02	2185.436	1517.041	2074.765
Stddev	4.057	117.25	16.401	9.903	4.914
%RSD	.2261454	.5266942	.7504573	.6527601	.2368259
#1	1794.721	22288.14	2192.805	1517.586	2076.350
#2	1789.897	22133.91	2166.643	1506.877	2069.254
#3	1797.960	22364.00	2196.860	1526.659	2078.690

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-07 Acquired: 12/14/2024 21:10:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0160218	.0437639	.3503943	-.045360	-.009776	11.47929
Stddev	.0018308	.0027776	.0075277	.008481	.002117	.05199
%RSD	11.42692	6.346793	2.148338	18.69619	21.65144	.4529279
#1	.0139099	.0468497	.3572381	-.054544	-.010651	11.52488
#2	.0171598	.0414636	.3516131	-.037826	-.007363	11.42266
#3	.0169958	.0429783	.3423316	-.043709	-.011316	11.49033

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0955834	.0012067	.0053769	F 1998.475	.0357031	.0743698
Stddev	.0005354	.0000733	.0001686	8.621	.0005698	.0007594
%RSD	.5601542	6.075531	3.136349	.4313883	1.595994	1.021141
#1	.0949933	.0012836	.0054525	1988.541	.0362777	.0750898
#2	.0957190	.0011988	.0054945	2003.994	.0351382	.0744432
#3	.0960380	.0011376	.0051837	2002.891	.0356935	.0735763

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217125	86.03767	14.73699	F 1081.992	.0546950	-.000925
Stddev	.0085948	.07180	.02202	1.800	.0012904	.000277
%RSD	39.58472	.0834558	.1494391	.1663827	2.359176	29.94028
#1	.0210065	86.11252	14.75653	1080.140	.0557207	-.000648
#2	.0306387	85.96936	14.71313	1082.103	.0551181	-.000923
#3	.0134925	86.03114	14.74131	1083.735	.0532463	-.001202

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.189749	.0310969	.8490121	6.676171	1.236913	.0378939
Stddev	.236708	.0064629	.0071285	.070046	.018708	.0027921
%RSD	10.80981	20.78308	.8396222	1.049191	1.512465	7.368195
#1	1.980815	.0334008	.8467171	6.739983	1.253906	.0393516
#2	2.446828	.0237978	.8433138	6.601225	1.239967	.0396555
#3	2.141603	.0360922	.8570054	6.687306	1.216866	.0346746

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-07 Acquired: 12/14/2024 21:10:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ53 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004840	18.27108	6.250539	.0187588	.0187728	.5432153
Stddev	.001289	.32498	.029971	.0042521	.0021819	.0004337
%RSD	26.62667	1.778651	.4795013	22.66746	11.62243	.0798322
#1	-.004970	18.61875	6.276474	.0172594	.0165066	.5437091
#2	-.006058	18.21955	6.217727	.0154594	.0189527	.5428966
#3	-.003491	17.97495	6.257415	.0235575	.0208592	.5430401

Elem	Li6707
Units	ppm
Avg	.0226325
Stddev	.0030193
%RSD	13.34062
#1	.0204700
#2	.0260821
#3	.0213455

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.876	21951.20	2161.572	1500.393	2079.424
Stddev	22.663	98.71	5.781	7.116	27.926
%RSD	1.261944	.4497010	.2674671	.4742514	1.342952
#1	1770.511	21853.87	2156.511	1493.980	2050.420
#2	1802.982	21948.50	2167.873	1499.151	2081.722
#3	1814.134	22051.25	2160.333	1508.048	2106.129

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-08 Acquired: 12/14/2024 21:14:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0535193**	**.0391845**	**.6447467**	**-.037748**	**-.001282**	**66.03673**
Stddev	.0026603	.0034260	.0048079	.007312	.001533	.27235
%RSD	4.970722	8.743184	.7457010	19.37031	119.5569	.4124152
#1	.0511485	.0420273	.6502652	-.034729	-.002113	66.32570
#2	.0530130	.0353806	.6414624	-.032429	.000487	65.99967
#3	.0563963	.0401454	.6425126	-.046086	-.002219	65.78481

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4615139**	**.0037282**	**.0051931**	F **1303.068**	**.0559904**	**.0831713**
Stddev	.0034107	.0000301	.0001974	3.315	.0009054	.0010574
%RSD	.7390284	.8077797	3.801420	.2543858	1.616999	1.271350
#1	.4653587	.0036947	.0054070	1306.773	.0567964	.0840112
#2	.4588526	.0037369	.0050180	1300.382	.0550109	.0835189
#3	.4603305	.0037531	.0051542	1302.050	.0561641	.0819839

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0468659**	**99.17351**	**7.994972**	**692.3208**	**.0827812**	**-.002709**
Stddev	.0033167	.52724	.041422	3.7374	.0006054	.001058
%RSD	7.076929	.5316309	.5181007	.5398332	.7313751	39.04891
#1	.0430375	99.77512	8.040608	696.2892	.0830279	-.001671
#2	.0488701	98.95345	7.984557	691.8052	.0832244	-.003785
#3	.0486900	98.79195	7.959752	688.8680	.0820914	-.002669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.209465**	**.1109009**	**.9511483**	**7.201862**	**3.360340**	**.0170941**
Stddev	.508601	.0003157	.0110294	.112996	.019779	.0018864
%RSD	5.522587	.2846672	1.159586	1.568981	.5886137	11.03506
#1	9.792024	.1107958	.9396255	7.326821	3.383151	.0179435
#2	8.853813	.1106512	.9616071	7.106872	3.349911	.0184065
#3	8.982559	.1112558	.9522123	7.171893	3.347957	.0149325

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-08 Acquired: 12/14/2024 21:14:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ54 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003913	13.11814	9.977877	.0367946	.8492562	.5039710
Stddev	.000242	.08934	.073655	.0005619	.0022522	.0026587
%RSD	6.178525	.6810469	.7381863	1.527092	.2651927	.5275570
#1	-.003636	13.22039	10.06292	.0373129	.8505716	.5070335
#2	-.004076	13.07885	9.93451	.0368733	.8505413	.5022526
#3	-.004029	13.05517	9.93620	.0361975	.8466557	.5026270

Elem	Li6707
Units	ppm
Avg	.0326352
Stddev	.0036281
%RSD	11.11705
#1	.0364226
#2	.0322920
#3	.0291909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.352	23098.39	2241.585	1588.887	2130.336
Stddev	17.843	118.81	12.441	7.152	23.445
%RSD	.9575778	.5143862	.5550085	.4501534	1.100541
#1	1842.924	23157.87	2228.166	1587.155	2104.170
#2	1871.244	22961.58	2243.853	1582.759	2137.405
#3	1875.888	23175.72	2252.735	1596.746	2149.434

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-09 Acquired: 12/14/2024 21:18:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0450023**	**.0363992**	**.5480027**	**-.033213**	**-.001774**	**39.22653**
Stddev	.0044246	.0033553	.0032702	.002167	.003672	.51809
%RSD	9.831835	9.217910	.5967560	6.523335	206.9852	1.320767
#1	.0498844	.0327304	.5445098	-.031788	-.004643	38.92015
#2	.0438649	.0371555	.5485066	-.032145	-.003044	38.93473
#3	.0412574	.0393117	.5509918	-.035706	.002365	39.82471

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3998322**	**.0037639**	**.0055046**	F **1294.526**	**.0597110**	**.0989309**
Stddev	.0045437	.0000519	.0000876	8.518	.0008991	.0010958
%RSD	1.136410	1.379973	1.591987	.6579662	1.505812	1.107633
#1	.3973750	.0037337	.0054214	1295.908	.0605685	.0979165
#2	.3970462	.0037342	.0054964	1285.401	.0597893	.1000931
#3	.4050754	.0038239	.0055961	1302.267	.0587753	.0987830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1111489**	**112.6558**	**8.022630**	**411.9517**	**.1253274**	**-.003579**
Stddev	.0067534	1.2046	.101290	3.9992	.0012419	.000714
%RSD	6.076002	1.069301	1.262549	.9707993	.9909186	19.94395
#1	.1045834	112.1240	7.980163	409.4583	.1239927	-.004368
#2	.1107876	111.8085	7.949487	409.8323	.1255408	-.002979
#3	.1180757	114.0348	8.138240	416.5646	.1264488	-.003389

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.200444**	**.0848985**	**.9558619**	**9.726339**	**4.580128**	**.0153419**
Stddev	.231167	.0070799	.0152599	.194741	.030017	.0018395
%RSD	19.25677	8.339238	1.596453	2.002201	.6553715	11.98982
#1	1.238442	.0875312	.9642260	9.538648	4.550694	.0173990
#2	.952633	.0768794	.9651110	9.712933	4.578994	.0147718
#3	1.410258	.0902848	.9382487	9.927436	4.610695	.0138550

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-09 Acquired: 12/14/2024 21:18:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ55 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003049	10.01419	9.977967	.0873119	.6519633	.6343961
Stddev	.001761	.04653	.084816	.0004293	.0114795	.0063813
%RSD	57.74597	.4646231	.8500289	.4916433	1.760765	1.005889
#1	-.002218	9.96666	9.948583	.0869468	.6442552	.6305360
#2	-.005071	10.01627	9.911750	.0872042	.6464781	.6308906
#3	-.001858	10.05965	10.07357	.0877848	.6651564	.6417618

Elem	Li6707
Units	ppm
Avg	.0556117
Stddev	.0042047
%RSD	7.560799
#1	.0544021
#2	.0521444
#3	.0602886

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.177	24342.88	2300.950	1672.001	2190.897
Stddev	12.243	394.87	18.994	29.378	14.405
%RSD	.6268407	1.622114	.8254711	1.757064	.6574912
#1	1967.089	24220.70	2315.818	1660.950	2207.493
#2	1944.045	24023.54	2307.480	1649.751	2181.631
#3	1948.397	24784.39	2279.553	1705.302	2183.568

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-10 Acquired: 12/14/2024 21:22:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1029688**	**.0239438**	**.7869684**	**.0088556**	**.0222198**	**69.02590**	**.7792386**
Stddev	.0081044	.0034047	.0039771	.0067700	.0012042	.80883	.0076484
%RSD	7.870723	14.21941	.5053700	76.44940	5.419488	1.171772	.9815249
#1	.0953345	.0200125	.7878883	.0152805	.0214320	69.93825	.7879273
#2	.1114731	.0259177	.7904049	.0017865	.0236060	68.39678	.7735237
#3	.1020988	.0259013	.7826119	.0094997	.0216215	68.74267	.7762648

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052584**	**.0056973**	**123.3394**	**.1007167**	**.0971104**	**.1943395**	**153.8144**
Stddev	.0000854	.0001652	1.5454	.0015608	.0004602	.0065983	1.5479
%RSD	1.624141	2.900238	1.252996	1.549712	.4738913	3.395223	1.006351
#1	.0053539	.0055502	125.1091	.1021208	.0975331	.1884208	155.4842
#2	.0052321	.0058761	122.2560	.1009932	.0971778	.2014538	152.4274
#3	.0051893	.0056656	122.6530	.0990361	.0966202	.1931439	153.5316

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.65981**	**41.02435**	**.1719517**	**-.004973**	**1.114277**	**.1628477**	**.5126067**
Stddev	.11529	.51153	.0008328	.000749	.585805	.0060215	.0057060
%RSD	.9107062	1.246902	.4843211	15.05899	52.57271	3.697644	1.113131
#1	12.79035	41.59100	.1709943	-.005659	1.597443	.1592099	.5114728
#2	12.57192	40.59665	.1725088	-.004174	1.282670	.1595349	.5075527
#3	12.61715	40.88539	.1723520	-.005086	.462717	.1697982	.5187944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.463084**	**8.254322**	**-.049377**	**.0032209**	**4.460904**	**9.877728**	**.0333413**
Stddev	.164298	.005187	.002291	.0004362	.010232	.097435	.0010388
%RSD	1.941352	.0628452	4.639611	13.54238	.2293642	.9864089	3.115756
#1	8.610660	8.250259	-.051826	.0035909	4.449092	9.985615	.0338952
#2	8.492543	8.260165	-.047287	.0033319	4.467029	9.796148	.0321429
#3	8.286049	8.252541	-.049018	.0027400	4.466590	9.851421	.0339858

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-10 Acquired: 12/14/2024 21:22:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ63 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.245623	-.001295	.0397924
Stddev	.011420	.000475	.0023772
%RSD	.9167765	36.64420	5.973871
#1	1.256645	-.000783	.0425341
#2	1.233843	-.001720	.0385371
#3	1.246380	-.001382	.0383062

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.117	28956.94	2681.050	2015.296	2654.250
Stddev	7.991	211.73	29.229	18.443	5.017
%RSD	.3364376	.7312054	1.090218	.9151748	.1889998
#1	2366.220	28819.38	2650.827	2009.836	2648.468
#2	2377.449	29200.76	2709.173	2035.853	2656.833
#3	2381.683	28850.69	2683.151	2000.199	2657.448

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-11 Acquired: 12/14/2024 21:26:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1065896**	**.0213175**	**.8100888**	**.0153715**	**.0227094**	**73.69937**	**.9264100**
Stddev	.0035790	.0016609	.0066051	.0043116	.0025061	.18157	.0035698
%RSD	3.357768	7.791155	.8153567	28.04922	11.03556	.2463664	.3853412
#1	.1105711	.0195830	.8032407	.0179866	.0201617	73.49595	.9224037
#2	.1055582	.0228934	.8106050	.0103951	.0227947	73.84503	.9275728
#3	.1036395	.0214762	.8164206	.0177329	.0251718	73.75714	.9292534

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0055423**	**.0062065**	**118.5968**	**.1027828**	**.1082195**	**.2040340**	**167.9656**
Stddev	.0000837	.0000823	.1219	.0006462	.0000197	.0063676	.7536
%RSD	1.510456	1.326448	.1027875	.6286888	.0182273	3.120872	.4486927
#1	.0056239	.0061266	118.4614	.1021911	.1081970	.1971500	167.1007
#2	.0054566	.0062019	118.6977	.1034723	.1082276	.2052388	168.4811
#3	.0055464	.0062911	118.6315	.1026851	.1082339	.2097131	168.3151

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.44578**	**35.91083**	**.1808462**	**-.004585**	**1.120063**	**.1706183**	**.5092111**
Stddev	.07044	.18963	.0007608	.000883	.385075	.0093046	.0167888
%RSD	.4560300	.5280603	.4207118	19.25194	34.37978	5.453459	3.297023
#1	15.36512	35.70549	.1801166	-.003735	1.203849	.1599851	.4917229
#2	15.47711	36.07936	.1807871	-.004521	1.456347	.1746023	.5252000
#3	15.49513	35.94765	.1816348	-.005497	.699993	.1772676	.5107105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.360298**	**7.943608**	**-.064578**	**.0030479**	**3.889391**	**9.919940**	**.0378062**
Stddev	.151661	.026058	.002945	.0001171	.010150	.075713	.0009893
%RSD	1.814059	.3280376	4.559990	3.843358	.2609562	.7632390	2.616865
#1	8.190654	7.926002	-.066083	.0029254	3.891198	9.856878	.0388215
#2	8.482758	7.931280	-.066466	.0031588	3.878459	9.899033	.0377521
#3	8.407481	7.973543	-.061185	.0030595	3.898515	10.00391	.0368450

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-11 Acquired: 12/14/2024 21:26:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ64 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.301995	-.013557	.0427218
Stddev	.005603	.000230	.0050852
%RSD	.4303708	1.700089	11.90297
#1	1.296416	-.013303	.0479636
#2	1.307623	-.013754	.0423925
#3	1.301944	-.013613	.0378093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.558	28821.07	2618.068	2013.235	2615.063
Stddev	9.038	262.72	20.884	23.061	12.778
%RSD	.3851639	.9115510	.7976984	1.145477	.4886456
#1	2356.964	29004.00	2642.175	2026.288	2629.800
#2	2340.667	28520.02	2606.555	1986.608	2607.066
#3	2342.044	28939.17	2605.473	2026.809	2608.322

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-12 Acquired: 12/14/2024 21:30:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1263103**	**.0175793**	**.9363081**	**.0118069**	**.0257541**	**80.83389**	**.9007675**
Stddev	.0035498	.0020344	.0121211	.0018056	.0014678	.37854	.0055481
%RSD	2.810343	11.57255	1.294567	15.29274	5.699183	.4682902	.6159295
#1	.1255328	.0176447	.9268409	.0098801	.0254901	81.21558	.9064679
#2	.1301843	.0195802	.9499692	.0120806	.0244363	80.45859	.8953854
#3	.1232137	.0155130	.9321141	.0134601	.0273360	80.82749	.9004494

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0061053**	**.0065657**	**124.1723**	**.1077099**	**.1115751**	**.2245074**	**174.5454**
Stddev	.0001620	.0001988	.5786	.0002510	.0009104	.0092584	1.1971
%RSD	2.654063	3.027566	.4659289	.2330696	.8159787	4.123895	.6858411
#1	.0062922	.0063366	124.7963	.1079993	.1105665	.2234053	175.7627
#2	.0060195	.0066916	123.6536	.1075508	.1123363	.2158494	173.3696
#3	.0060042	.0066690	124.0670	.1075796	.1118224	.2342676	174.5038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.16248**	**39.50239**	**.2077988**	**-.004488**	**.9197468**	**.1850332**	**.5315146**
Stddev	.05599	.20482	.0014293	.000264	.2765222	.0048709	.0040921
%RSD	.3953257	.5184914	.6878051	5.881121	30.06503	2.632436	.7698921
#1	14.22232	39.67172	.2065816	-.004257	1.201391	.1795305	.5268051
#2	14.11137	39.27473	.2093726	-.004776	.648648	.1887922	.5342019
#3	14.15375	39.56070	.2074423	-.004429	.909201	.1867768	.5335369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.994421**	**7.933517**	**-.067673**	**.0028572**	**3.744279**	**9.650175**	**.0425500**
Stddev	.194789	.110977	.002371	.0003527	.042618	.088096	.0001491
%RSD	2.436565	1.398833	3.502989	12.34419	1.138211	.9128975	.3505078
#1	8.154903	7.836646	-.070397	.0025981	3.706174	9.747073	.0425536
#2	7.777699	8.054601	-.066542	.0027146	3.790300	9.574911	.0423990
#3	8.050661	7.909304	-.066079	.0032589	3.736364	9.628541	.0426972

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-12 Acquired: 12/14/2024 21:30:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ65 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.375135	-.018360	.0556367
Stddev	.007291	.000689	.0010772
%RSD	.5302348	3.751712	1.936049
#1	1.379971	-.019150	.0548457
#2	1.366748	-.017884	.0552008
#3	1.378684	-.018046	.0568635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.400	30617.02	2774.545	2130.446	2676.338
Stddev	21.547	140.38	13.479	7.883	33.602
%RSD	.8757637	.4584896	.4858192	.3700322	1.255517
#1	2483.554	30489.57	2759.148	2124.151	2709.865
#2	2440.937	30594.01	2784.213	2127.898	2642.662
#3	2456.708	30767.47	2780.275	2139.288	2676.485

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-13 Acquired: 12/14/2024 21:33:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1057716**	**.0280745**	**2.522016**	**-.002924**	**.0178506**	**55.67082**
Stddev	.0064502	.0024012	.016106	.004751	.0022536	.32018
%RSD	6.098186	8.552918	.6386267	162.5042	12.62449	.5751265
#1	.1091351	.0285538	2.527031	-.007352	.0170740	55.30933
#2	.1098448	.0254698	2.535019	-.003514	.0160881	55.78444
#3	.0983349	.0301999	2.503999	.002095	.0203898	55.91870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9826484**	**.0054064**	**.0085460**	**346.9580**	**.1150937**	**.1060195**
Stddev	.0037061	.0000643	.0001445	1.1892	.0029878	.0007688
%RSD	.3771514	1.188663	1.690733	.3427486	2.595964	.7251755
#1	.9784427	.0054785	.0085573	345.8528	.1125983	.1065948
#2	.9840662	.0053552	.0086845	346.8050	.1142782	.1063174
#3	.9854363	.0053853	.0083962	348.2164	.1184046	.1051463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3123137**	**150.8492**	**11.75457**	**114.5827**	**.2404619**	**-.004457**
Stddev	.0100651	.4199	.05076	.4138	.0020790	.000312
%RSD	3.222750	.2783649	.4318164	.3611391	.8645657	6.998645
#1	.3058122	150.3644	11.69739	114.1049	.2408711	-.004563
#2	.3072216	151.0922	11.77202	114.8242	.2423059	-.004703
#3	.3239074	151.0911	11.79430	114.8189	.2382088	-.004106

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7360702**	**.1521382**	**1.167541**	**9.187619**	F **11.55567**	**-.015122**
Stddev	.4430280	.0059786	.020122	.252972	.09944	.001115
%RSD	60.18828	3.929745	1.723453	2.753406	.8605143	7.374143
#1	1.230749	.1570440	1.152394	9.057829	11.58185	-.014535
#2	.601617	.1454789	1.159857	9.479143	11.63941	-.014423
#3	.375845	.1538918	1.190373	9.025884	11.44577	-.016408

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-13 Acquired: 12/14/2024 21:33:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ77 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059982	7.957485	10.16607	.0762809	1.246798	.2260539
Stddev	.0004671	.079187	.07992	.0006190	.005794	.0017893
%RSD	7.787121	.9951210	.7861633	.8114561	.4647179	.7915353
#1	.0057507	7.981033	10.08143	.0769092	1.241481	.2240086
#2	.0065369	8.022226	10.17654	.0756717	1.252973	.2268234
#3	.0057069	7.869195	10.24024	.0762618	1.245941	.2273296

Elem	Li6707
Units	ppm
Avg	.0502210
Stddev	.0057055
%RSD	11.36074
#1	.0451336
#2	.0563898
#3	.0491395

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.708	26696.52	2486.062	1844.669	2450.537
Stddev	14.597	513.25	14.082	30.537	18.543
%RSD	.6687765	1.922546	.5664341	1.655445	.7566943
#1	2180.936	27193.14	2502.312	1871.255	2446.045
#2	2169.077	26728.33	2478.445	1851.436	2434.653
#3	2198.110	26168.11	2477.429	1811.316	2470.913

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-14 Acquired: 12/14/2024 21:37:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1338557**	**.0291781**	**2.653399**	**-.005034**	**.0226573**	**58.76880**
Stddev	.0046531	.0011411	.006219	.005074	.0006877	.08105
%RSD	3.476184	3.910658	.2343806	100.7859	3.035217	.1379048
#1	.1367535	.0287936	2.654551	-.010338	.0229719	58.85415
#2	.1284885	.0304617	2.658961	-.000227	.0231314	58.75936
#3	.1363250	.0282790	2.646684	-.004537	.0218686	58.69288

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9943867**	**.0056189**	**.0097294**	**533.8483**	**.1266027**	**.1200235**
Stddev	.0023308	.0000817	.0001652	.5382	.0009733	.0005675
%RSD	.2343948	1.454868	1.697590	.1008197	.7687460	.4728593
#1	.9965661	.0055503	.0096925	534.3216	.1273181	.1201746
#2	.9919294	.0055971	.0095857	533.2628	.1269955	.1205002
#3	.9946647	.0057094	.0099098	533.9605	.1254944	.1193957

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3487163**	**179.6474**	**14.06642**	**212.8970**	**.2853141**	**-.005653**
Stddev	.0020409	.7262	.06333	.9389	.0019276	.000743
%RSD	.5852540	.4042260	.4502056	.4409912	.6756035	13.14774
#1	.3465020	179.8622	14.09344	213.5062	.2860935	-.004805
#2	.3505218	178.8380	13.99406	211.8158	.2867300	-.006194
#3	.3491251	180.2419	14.11175	213.3690	.2831189	-.005959

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6429689**	**.1451419**	**1.201878**	**8.737035**	F **12.05161**	**-.025752**
Stddev	.6250064	.0083217	.012995	.124140	.04455	.003395
%RSD	97.20632	5.733464	1.081250	1.420850	.3696959	13.18189
#1	1.353557	.1456614	1.186880	8.781839	12.07165	-.022517
#2	.396904	.1365726	1.208973	8.596713	12.08263	-.029286
#3	.178445	.1531916	1.209782	8.832554	12.00056	-.025453

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-14 Acquired: 12/14/2024 21:37:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ78 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062969	9.707087	10.23767	.5758107	1.209723	.2589052
Stddev	.0002101	.052074	.01021	.0008655	.011977	.0012994
%RSD	3.336797	.5364582	.0997464	.1503165	.9900931	.5018871
#1	.0060556	9.745762	10.23580	.5758279	1.216792	.2599390
#2	.0064396	9.727623	10.22852	.5766675	1.195894	.2574466
#3	.0063955	9.647876	10.24869	.5749367	1.216483	.2593301

Elem	Li6707
Units	ppm
Avg	.0639930
Stddev	.0051436
%RSD	8.037757
#1	.0605032
#2	.0615757
#3	.0698999

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.248	26765.38	2505.843	1850.573	2357.385
Stddev	11.428	46.04	5.848	2.873	13.324
%RSD	.5277770	.1720291	.2333651	.1552237	.5652076
#1	2159.054	26712.75	2501.882	1847.942	2349.893
#2	2158.253	26785.18	2512.560	1853.638	2349.494
#3	2178.435	26798.22	2503.089	1850.140	2372.769

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-15 Acquired: 12/14/2024 21:41:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1135541**	**.0290497**	**2.449372**	**-.007893**	**.0281552**	**46.61544**	**.8994397**
Stddev	.0035216	.0056612	.003736	.007579	.0003251	.07728	.0007600
%RSD	3.101259	19.48787	.1525249	96.02507	1.154769	.1657891	.0844924
#1	.1117775	.0355695	2.447146	-.000589	.0282267	46.52782	.8996598
#2	.1112746	.0253806	2.453685	-.015719	.0284385	46.64458	.8985939
#3	.1176101	.0261990	2.447285	-.007369	.0278002	46.67391	.9000652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0054834**	**.0102456**	**737.9261**	**.1103375**	**.1075468**	**.2858284**	**199.4213**
Stddev	.0002982	.0001487	2.5850	.0056059	.0002876	.0062737	.8562
%RSD	5.438493	1.451516	.3503020	5.080719	.2674437	2.194931	.4293402
#1	.0051712	.0103746	735.3574	.1079576	.1078390	.2887803	198.5097
#2	.0057653	.0100830	737.8941	.1167407	.1075374	.2900816	199.5459
#3	.0055137	.0102792	740.5270	.1063141	.1072640	.2786231	200.2084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.76934**	**245.5612**	**.2316244**	**-.008128**	**.9676852**	**.1404751**	**1.392841**
Stddev	.04795	.8393	.0006212	.002281	.7874038	.0089943	.040121
%RSD	.4074280	.3417863	.2682123	28.06601	81.36983	6.402795	2.880494
#1	11.72181	244.5924	.2320687	-.007043	1.707627	.1411046	1.383407
#2	11.76851	246.0676	.2309145	-.010749	.140145	.1491382	1.436837
#3	11.81770	246.0237	.2318899	-.006592	1.055283	.1311826	1.358277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.827647**	**8.860605**	**-.051063**	**.0020979**	**10.38466**	**9.646331**	**.1552440**
Stddev	.154336	.019069	.005452	.0001558	.03662	.074678	.0002352
%RSD	2.260463	.2152061	10.67642	7.426478	.3525964	.7741562	.1515275
#1	6.662091	8.840101	-.049891	.0022382	10.34257	9.591429	.1549838
#2	6.853300	8.877807	-.057005	.0019302	10.40226	9.731368	.1554416
#3	6.967549	8.863908	-.046292	.0021255	10.40915	9.616197	.1553065

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-15 Acquired: 12/14/2024 21:41:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ79 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.092446	.3802176	.0466942
Stddev	.008005	.0009623	.0022547
%RSD	.7327435	.2530857	4.828753
#1	1.094014	.3797103	.0447666
#2	1.099550	.3796152	.0461422
#3	1.083773	.3813274	.0491736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.345	26048.67	2452.895	1797.220	2336.077
Stddev	6.403	723.12	10.996	51.416	5.148
%RSD	.3057438	2.776018	.4482854	2.860857	.2203898
#1	2090.023	26247.18	2465.589	1810.066	2330.134
#2	2101.701	25247.03	2446.789	1740.599	2338.919
#3	2091.310	26651.80	2446.306	1840.995	2339.178

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-16 Acquired: 12/14/2024 21:45:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1016530**	**.0309690**	**2.310350**	**-.008606**	**.0152222**	**55.02378**	**.9726380**
Stddev	.0023338	.0017106	.004700	.004318	.0024362	2.09353	.0374418
%RSD	2.295834	5.523551	.2034516	50.17260	16.00399	3.804774	3.849511
#1	.1003293	.0296618	2.311142	-.009200	.0126327	55.33517	.9779573
#2	.1002820	.0303402	2.305304	-.012595	.0155655	52.79199	.9328210
#3	.1043477	.0329050	2.314605	-.004022	.0174686	56.94417	1.007136

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046516**	**.0051130**	**468.7182**	**.0753487**	**.1049722**	**.2544693**	**149.0572**
Stddev	.0001377	.0001746	17.8549	.0021144	.0009198	.0088085	5.8195
%RSD	2.961464	3.415812	3.809301	2.806198	.8762252	3.461524	3.904193
#1	.0047234	.0050307	471.0869	.0774124	.1054704	.2587426	149.4832
#2	.0044928	.0053136	449.7971	.0754468	.1039107	.2443393	143.0364
#3	.0047386	.0049947	485.2704	.0731870	.1055354	.2603260	154.6520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**12.06287**	**96.88825**	**.1413946**	**-.005589**	**.3939443**	**.1435167**	**.8847433**
Stddev	.46177	3.64583	.0007306	.001125	.3794800	.0181219	.0161505
%RSD	3.828035	3.762918	.5166787	20.11845	96.32833	12.62706	1.825441
#1	12.08539	97.19076	.1422032	-.006071	.5116494	.1544465	.9026720
#2	11.59025	93.10059	.1407820	-.006393	-.030441	.1225983	.8802241
#3	12.51296	100.3734	.1411988	-.004304	.700624	.1535053	.8713338

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.266966**	**6.896058**	**-.056130**	**.0029716**	**4.157428**	**9.532251**	**.0708535**
Stddev	.329871	.014751	.001125	.0006346	.007289	.276400	.0016408
%RSD	5.263646	.2139086	2.004916	21.35395	.1753165	2.899628	2.315746
#1	6.106610	6.888370	-.055476	.0032325	4.165584	9.564994	.0709314
#2	6.047928	6.886739	-.055485	.0022482	4.151552	9.240939	.0691751
#3	6.646358	6.913065	-.057430	.0034342	4.155149	9.790821	.0724539

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-16 Acquired: 12/14/2024 21:45:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ80 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.547756	.3249524	.0562257
Stddev	.057085	.0120768	.0040729
%RSD	3.688233	3.716495	7.243801
#1	1.555438	.3265488	.0562344
#2	1.487220	.3121568	.0521485
#3	1.600612	.3361517	.0602942

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2242.803	27346.03	2604.245	1897.408	2487.318
Stddev	4.893	368.27	74.671	26.707	7.109
%RSD	.2181435	1.346711	2.867291	1.407539	.2857964
#1	2240.583	27013.49	2592.656	1874.776	2483.226
#2	2248.412	27282.76	2684.034	1890.584	2495.526
#3	2239.414	27741.84	2536.046	1926.865	2483.201

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-17 Acquired: 12/14/2024 21:49:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0823171**	**.0317653**	**1.275777**	**-.007719**	**.0158418**	**63.73834**	**.9418607**
Stddev	.0013892	.0035292	.002391	.007793	.0021829	.93955	.0141372
%RSD	1.687631	11.11017	.1874424	100.9544	13.77930	1.474072	1.500991
#1	.0833920	.0281906	1.277882	-.003816	.0144236	62.71848	.9263005
#2	.0828109	.0352471	1.273176	-.002649	.0183554	64.56868	.9539152
#3	.0807485	.0318582	1.276272	-.016693	.0147462	63.92785	.9453664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048039**	**.0046439**	**484.1344**	**.0780914**	**.1157989**	**.2207628**	**152.9308**
Stddev	.0000272	.0001325	5.7791	.0003151	.0003143	.0099159	2.0857
%RSD	.5664174	2.852688	1.193703	.4035209	.2713901	4.491671	1.363825
#1	.0047748	.0047174	477.5847	.0783320	.1161234	.2165865	150.6024
#2	.0048288	.0047233	488.5157	.0777347	.1154959	.2320837	154.6280
#3	.0048080	.0044910	486.3029	.0782075	.1157774	.2136181	153.5621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.70434**	**107.3848**	**.1389856**	**-.005558**	**.8373384**	**.1493218**	**.4782127**
Stddev	.21222	1.4688	.0006569	.000406	.3694588	.0037236	.0027267
%RSD	1.443232	1.367787	.4726117	7.311116	44.12299	2.493681	.5701765
#1	14.47380	105.7401	.1396208	-.005500	1.117126	.1453087	.4774565
#2	14.89155	108.5657	.1390269	-.005991	.976352	.1499918	.4812376
#3	14.74767	107.8486	.1383090	-.005184	.418538	.1526649	.4759439

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.257630**	**6.483641**	**-.063555**	**.0013465**	**2.096216**	**8.899922**	**.0415369**
Stddev	.080165	.005453	.001112	.0003221	.006080	.102307	.0022450
%RSD	1.281081	.0841075	1.749723	23.92061	.2900611	1.149527	5.404918
#1	6.341811	6.488279	-.063035	.0010012	2.103194	8.781951	.0389607
#2	6.248879	6.477633	-.064831	.0016388	2.092051	8.953528	.0430750
#3	6.182199	6.485010	-.062798	.0013996	2.093405	8.964287	.0425751

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-17 Acquired: 12/14/2024 21:49:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ81 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.322890	.2616505	.0549961
Stddev	.015054	.0038800	.0009242
%RSD	1.137995	1.482900	1.680404
#1	1.306055	.2572692	.0558443
#2	1.335060	.2646521	.0551327
#3	1.327555	.2630303	.0540112

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2357.878	29046.21	2748.441	2011.275	2504.379
Stddev	2.645	54.93	19.330	4.972	4.417
%RSD	.1121826	.1891006	.7033021	.2472260	.1763513
#1	2355.702	28986.39	2770.517	2005.542	2500.283
#2	2357.111	29094.37	2734.553	2013.867	2509.058
#3	2360.822	29057.88	2740.253	2014.416	2503.795

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-18 Acquired: 12/14/2024 21:52:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0638125**	**.0370983**	**.2666208**	**.0003867**	**.0178581**	**69.64501**	**.7086835**
Stddev	.0030161	.0021452	.0027057	.0014351	.0013077	.39397	.0048978
%RSD	4.726539	5.782419	1.014794	371.1417	7.322939	.5656801	.6911058
#1	.0671924	.0355418	.2694369	.0020212	.0183461	70.00201	.7101312
#2	.0613951	.0395453	.2640411	-.000194	.0188517	69.71070	.7126942
#3	.0628500	.0362079	.2663843	-.000667	.0163765	69.22233	.7032250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0047794**	**.0039683**	**480.4355**	**.0753954**	**.1210871**	**.1924538**	**163.3469**
Stddev	.0000798	.0000350	2.9534	.0024626	.0009213	.0025386	1.4856
%RSD	1.669383	.8825649	.6147438	3.266241	.7608734	1.319053	.9094484
#1	.0047646	.0040062	482.6948	.0750524	.1213389	.1902507	164.2274
#2	.0048655	.0039371	481.5182	.0731223	.1200661	.1918808	164.1816
#3	.0047080	.0039617	477.0935	.0780115	.1218564	.1952299	161.6317

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**17.17679**	**51.34320**	**.1367314**	**-.005987**	**-.067592**	**.1468519**	**.2331199**
Stddev	.13347	.28955	.0004564	.000564	.411972	.0078320	.0144024
%RSD	.7770297	.5639596	.3338218	9.428308	609.4985	5.333292	6.178105
#1	17.23592	51.43772	.1372441	-.006299	-.030236	.1396996	.2291877
#2	17.27048	51.57369	.1363694	-.005335	-.496970	.1456348	.2210920
#3	17.02397	51.01820	.1365806	-.006326	.324430	.1552212	.2490800

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.535451**	**5.608067**	**-.082372**	**-.001855**	**.9691966**	**9.486536**	**.0241675**
Stddev	.012297	.034770	.003432	.000616	.0080779	.089782	.0017866
%RSD	.2711377	.6200051	4.166427	33.23468	.8334662	.9464127	7.392618
#1	4.523598	5.636964	-.085876	-.001435	.9757491	9.589191	.0221502
#2	4.534606	5.569479	-.079017	-.001567	.9601713	9.422668	.0255502
#3	4.548149	5.617758	-.082224	-.002563	.9716695	9.447751	.0248022

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: P4978-18 Acquired: 12/14/2024 21:52:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ82 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.081731	.2443331	.0452873
Stddev	.005186	.0019863	.0017142
%RSD	.4794017	.8129296	3.785137
#1	1.081086	.2450758	.0470586
#2	1.087209	.2458409	.0436366
#3	1.076897	.2420825	.0451668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2438.570	30117.42	2758.793	2092.635	2561.029
Stddev	10.229	678.69	21.431	45.458	13.805
%RSD	.4194786	2.253495	.7768074	2.172288	.5390303
#1	2430.075	29839.90	2737.199	2075.400	2549.380
#2	2449.925	30890.89	2759.124	2144.191	2576.277
#3	2435.711	29621.46	2780.057	2058.315	2557.429

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV021 Acquired: 12/14/2024 21:56:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.988377**	**5.315663**	**24.71842**	**4.766299**	**4.857339**	**432.5141**	**10.94120**
Stddev	.003506	.043135	.25293	.041299	.047761	9.9900	.24602
%RSD	.0702882	.8114738	1.023228	.8664889	.9832779	2.309744	2.248547
#1	4.984456	5.278680	24.51694	4.733172	4.808579	442.5875	11.18673
#2	4.989465	5.363049	25.00226	4.812571	4.904034	432.3451	10.94219
#3	4.991211	5.305262	24.63605	4.753154	4.859406	422.6097	10.69469

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4892763**	**2.463005**	**424.1831**	**15.23320**	**2.361025**	**15.89904**	**428.7447**
Stddev	.0097875	.025245	9.7505	.07023	.025621	.36206	9.6450
%RSD	2.000407	1.024949	2.298665	.4610321	1.085173	2.277217	2.249585
#1	.5003061	2.441305	434.0901	15.28194	2.339442	16.25912	438.5804
#2	.4858954	2.490711	423.8623	15.15270	2.389340	15.90295	428.3513
#3	.4816275	2.457000	414.5969	15.26497	2.354294	15.53504	419.3025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.69406**	**399.0177**	**2.447664**	**1.294841**	**415.7632**	**2.594610**	**14.03970**
Stddev	.36997	9.5351	.023165	.007147	10.8068	.054448	.09898
%RSD	2.357379	2.389653	.9463981	.5519478	2.599259	2.098501	.7050013
#1	16.06912	408.6381	2.429264	1.302210	426.8341	2.654128	14.11817
#2	15.68367	398.8449	2.473677	1.287939	415.2141	2.582394	13.92850
#3	15.32940	389.5702	2.440052	1.294376	405.2415	2.547307	14.07244

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**157.1641**	**4.961380**	**4.742859**	**5.062126**	**4.854107**	**5.086487**	**5.084709**
Stddev	3.4134	.047768	.077853	.048210	.051548	.092742	.061118
%RSD	2.171890	.9628048	1.641483	.9523601	1.061950	1.823311	1.202005
#1	160.6206	4.929310	4.829234	5.019307	4.822635	5.185604	5.039634
#2	157.0762	5.016280	4.721251	5.114342	4.913597	5.072044	5.154275
#3	153.7955	4.938551	4.678093	5.052729	4.826091	5.001814	5.060219

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCV021 Acquired: 12/14/2024 21:56:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**5.321202**	**4.873184**	**5.375423**
Stddev	.123352	.115561	.108931
%RSD	2.318119	2.371359	2.026464
#1	5.447130	4.990473	5.482873
#2	5.315876	4.869647	5.378326
#3	5.200599	4.759433	5.265069

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1606.199**	**21617.02**	**2095.407**	**1417.951**	**2217.313**
Stddev	11.797	63.99	38.905	12.204	18.272
%RSD	.7344769	.2960150	1.856682	.8606927	.8240773
#1	1616.773	21653.69	2054.573	1413.138	2231.222
#2	1593.474	21654.24	2099.608	1431.827	2196.618
#3	1608.349	21543.13	2132.042	1408.886	2224.097

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB021 Acquired: 12/14/2024 22:00:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003134**	**-.001012**	**.0029560**	**-.000293**	**-.000345**	**.1292744**
Stddev	.004925	.001629	.0009635	.001740	.002321	.0071778
%RSD	157.1365	160.9641	32.59288	593.8222	672.1167	5.552401
#1	-.004288	-.000447	.0038412	-.001904	.001467	.1215555
#2	-.007381	-.002849	.0030970	-.000528	.000459	.1305196
#3	.002265	.000259	.0019298	.001553	-.002962	.1357482

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002846**	**-.000018**	**-.000132**	**-.041495**	**-.000177**	**.0000907**
Stddev	.001605	.000055	.000060	.030393	.000410	.0000684
%RSD	56.40165	304.3412	45.60738	73.24508	231.3211	75.37146
#1	-.004401	-.000000	-.000067	-.056664	-.000116	.0001420
#2	-.002944	-.000079	-.000186	-.006503	.000198	.0001170
#3	-.001194	.000026	-.000144	-.061318	-.000614	.0000131

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008280**	**.0287354**	**-.001307**	**-.033550**	**-.000432**	**.0020418**
Stddev	.003387	.0303481	.001297	.039628	.000398	.0006174
%RSD	40.90930	105.6122	99.23183	118.1164	92.11707	30.23589
#1	-.009421	.0032281	-.001243	.006717	-.000403	.0016554
#2	-.010949	.0622987	-.000043	-.072506	-.000050	.0017162
#3	-.004469	.0206794	-.002634	-.034861	-.000844	.0027538

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2903901**	**.0041800**	**.0039286**	**.1017247**	**-.001636**	**-.003255**
Stddev	.2281332	.0060492	.0052475	.0743754	.002476	.000423
%RSD	78.56097	144.7169	133.5710	73.11438	151.2986	12.99848
#1	.1329491	-.002502	.0008634	.0195562	.000568	-.002959
#2	.1862061	.005759	.0099878	.1211768	-.004315	-.003066
#3	.5520150	.009283	.0009347	.1644411	-.001162	-.003740

Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5

Sample Name: CCB021 Acquired: 12/14/2024 22:00:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB021 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005795	-.011279	-.038275	-.001432	-.003108	.0000512
Stddev	.0008382	.001748	.001057	.000088	.001581	.0002283
%RSD	144.6270	15.49663	2.762483	6.159094	50.85692	445.4550
#1	.0003247	-.012841	-.038529	-.001356	-.001820	.0002985
#2	-.000102	-.009391	-.037113	-.001529	-.004872	.0000066
#3	.001516	-.011604	-.039182	-.001411	-.002633	-.000151

Elem	Li6707
Units	ppm
Avg	F -.028274
Stddev	.004350
%RSD	15.38448
#1	-.032331
#2	-.028809
#3	-.023681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.087	24700.14	2206.505	1726.298	2828.398
Stddev	1.343	72.20	6.483	8.775	.651
%RSD	.0668309	.2922912	.2938162	.5083182	.0230210
#1	2007.670	24684.52	2213.948	1730.392	2827.683
#2	2010.341	24778.87	2202.086	1732.278	2828.553
#3	2009.252	24637.03	2203.482	1716.224	2828.957