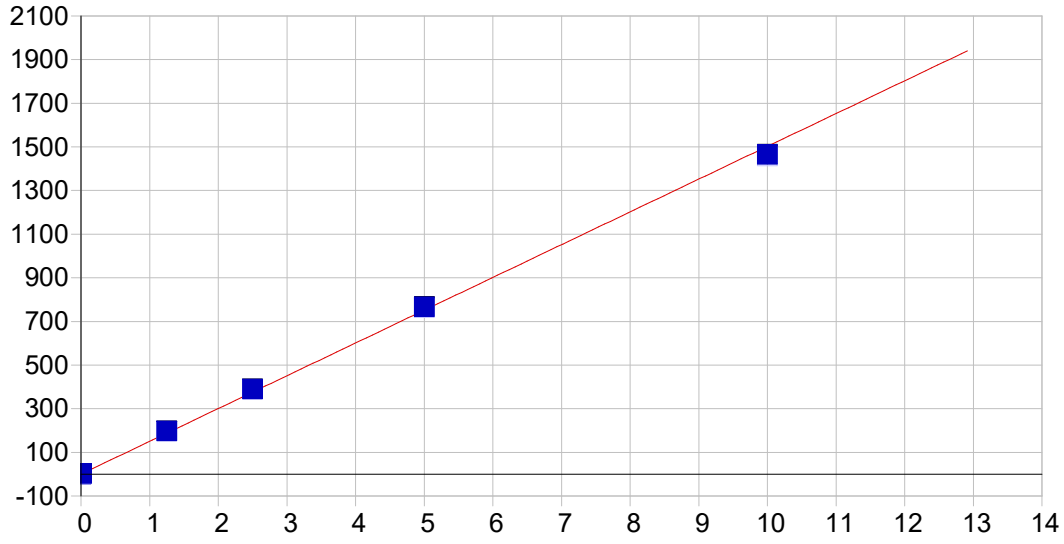
Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



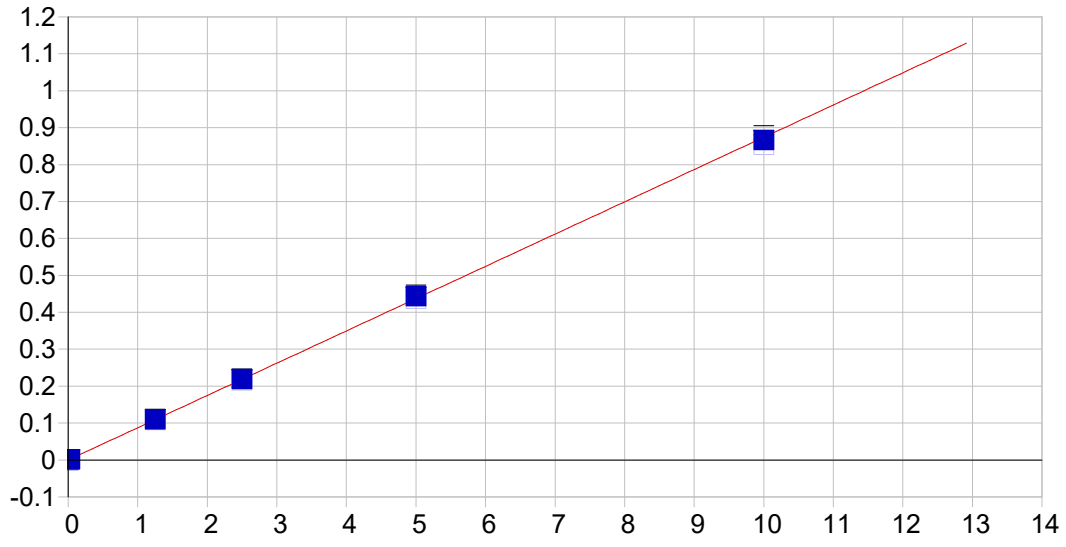
As 189.042 {478}

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



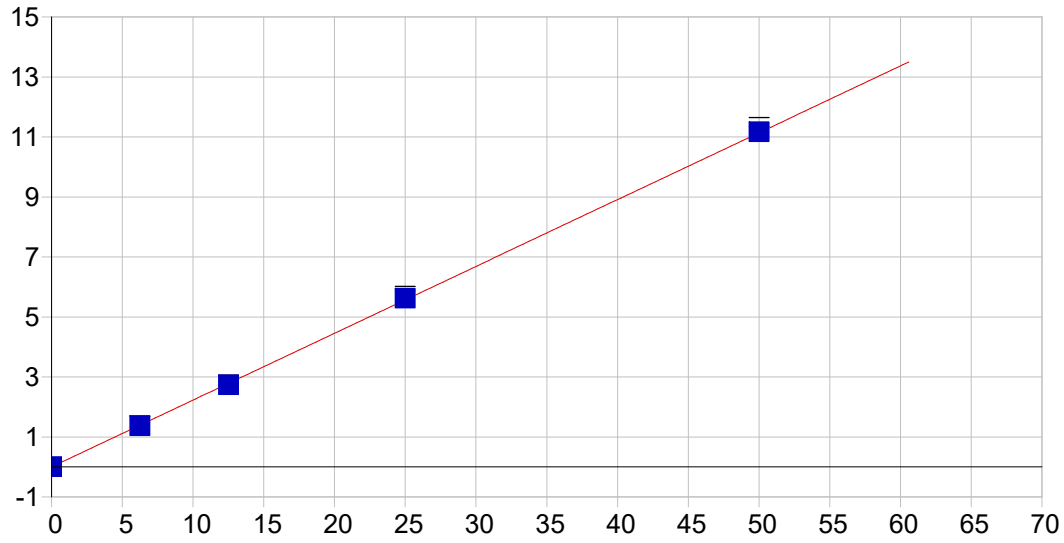
Tl 190.856 {477}

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



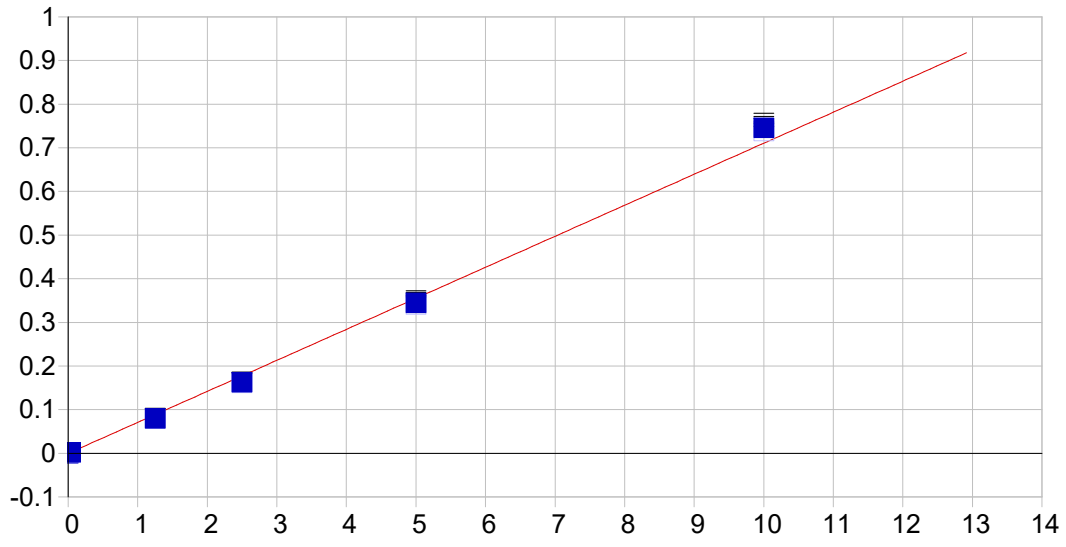
Pb 220.353 {453}

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



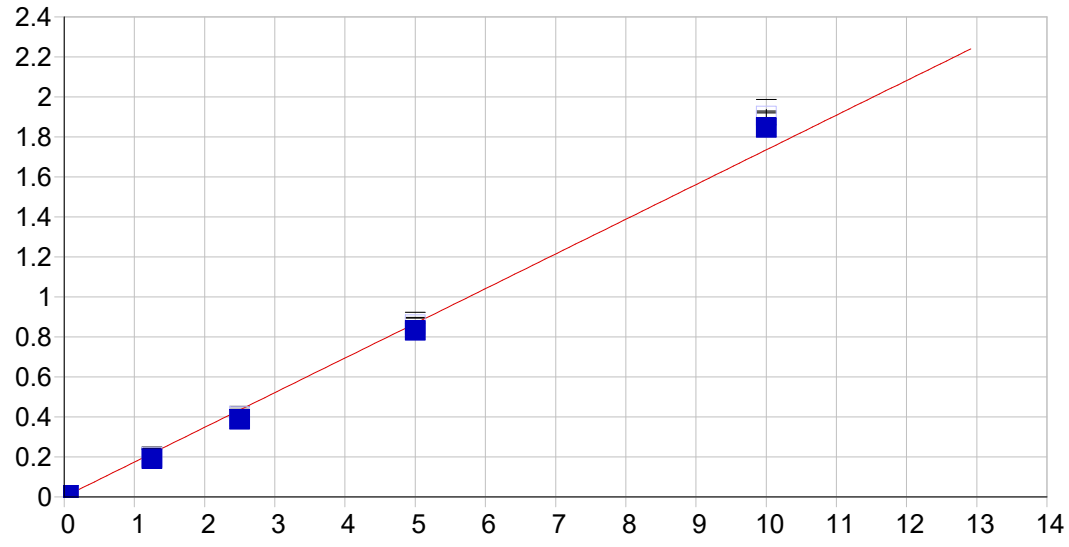
Se 196.090 {472}

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



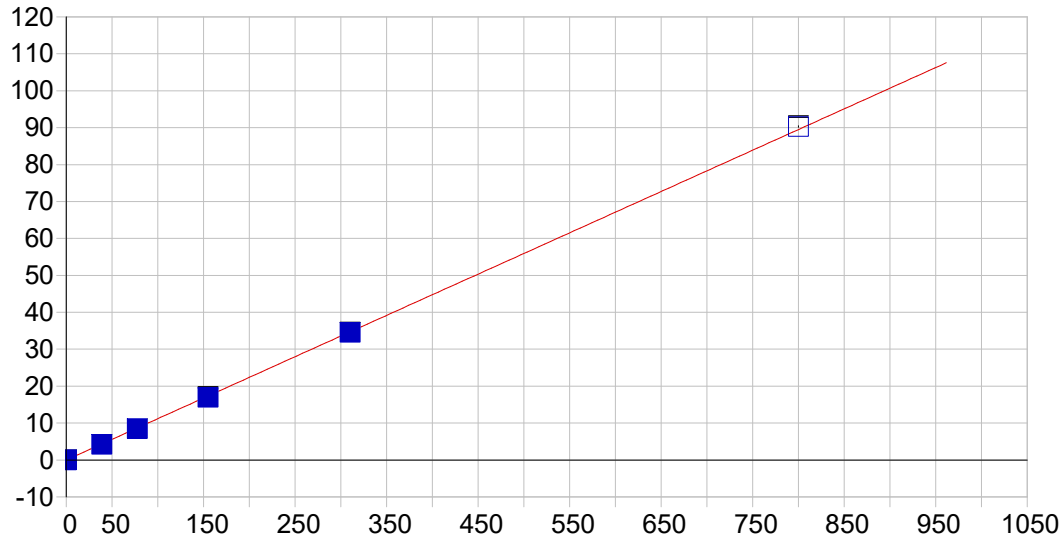
Sb 206.833 {463}

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



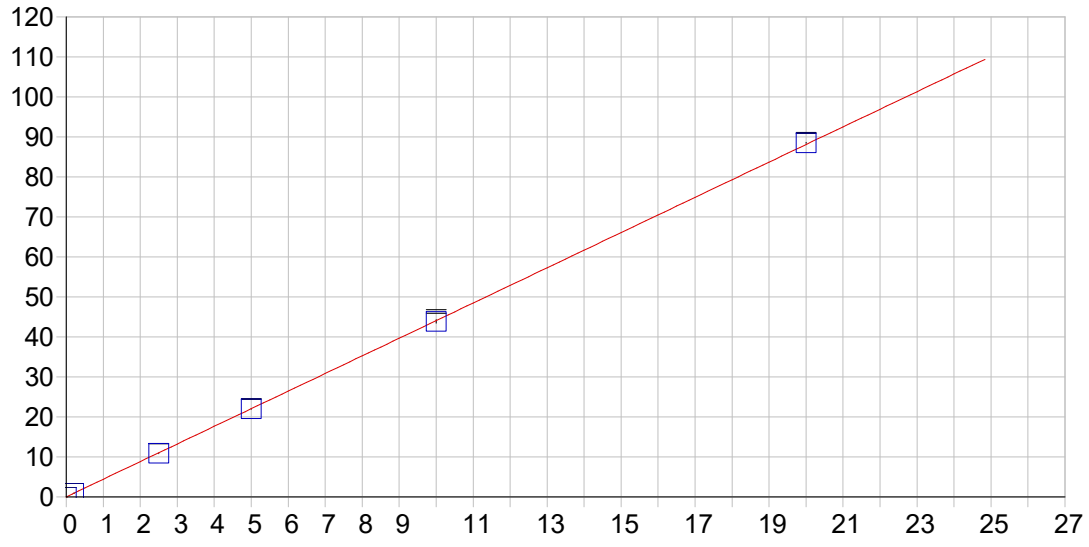
Al 396.152 { 85}

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



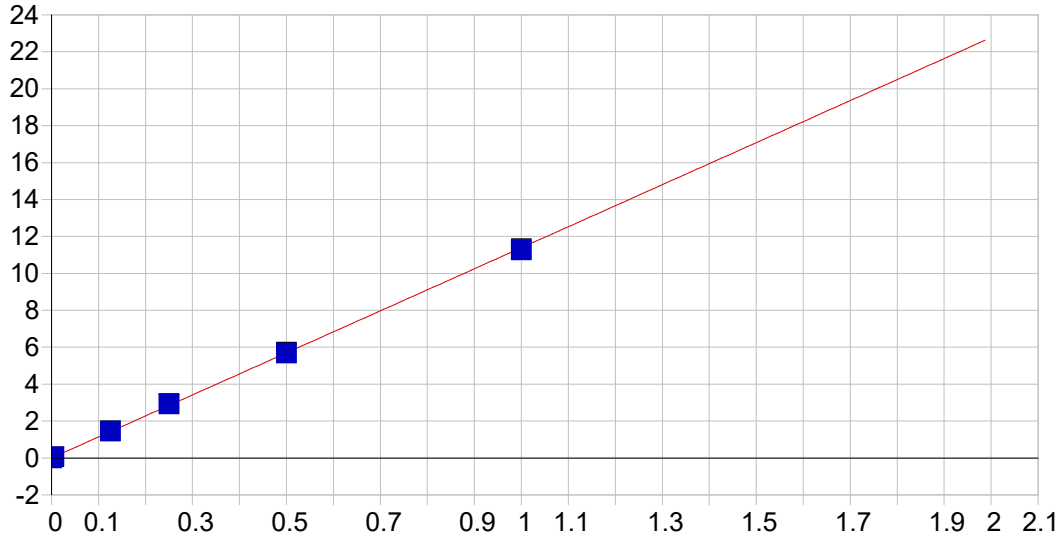
Ba 493.409 { 68}

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



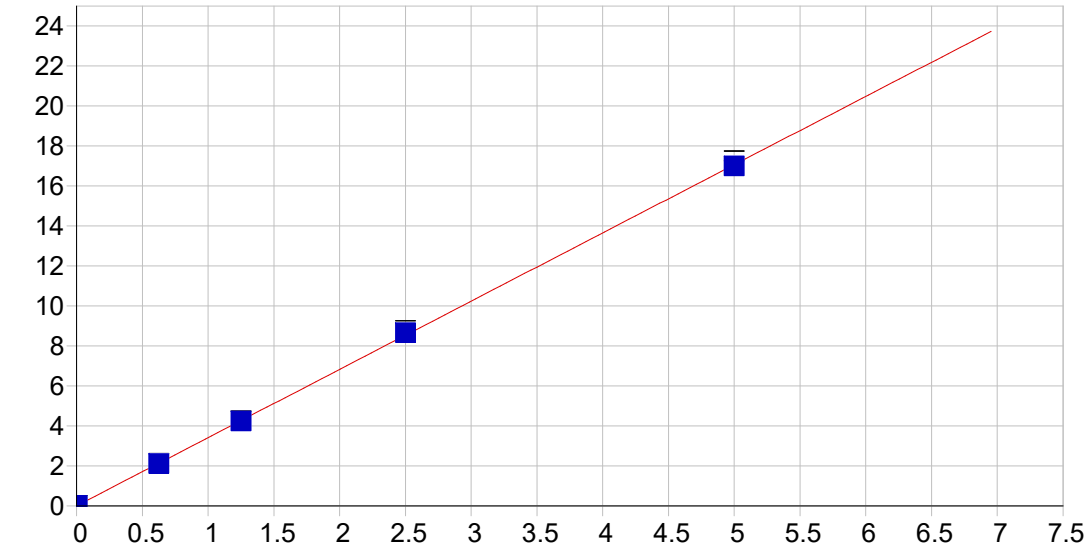
Be 234.861 {144}

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



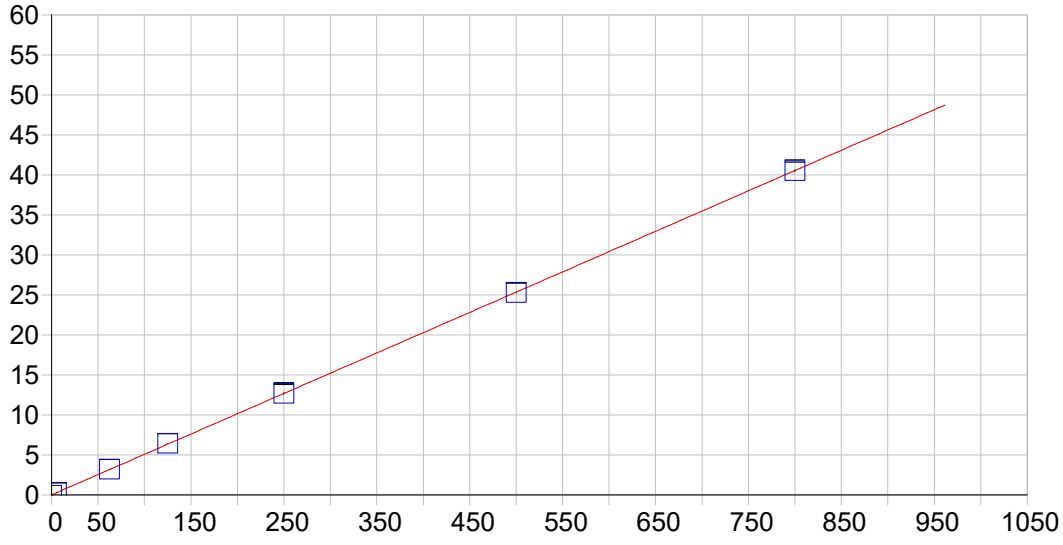
Cd 214.438 {457}

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



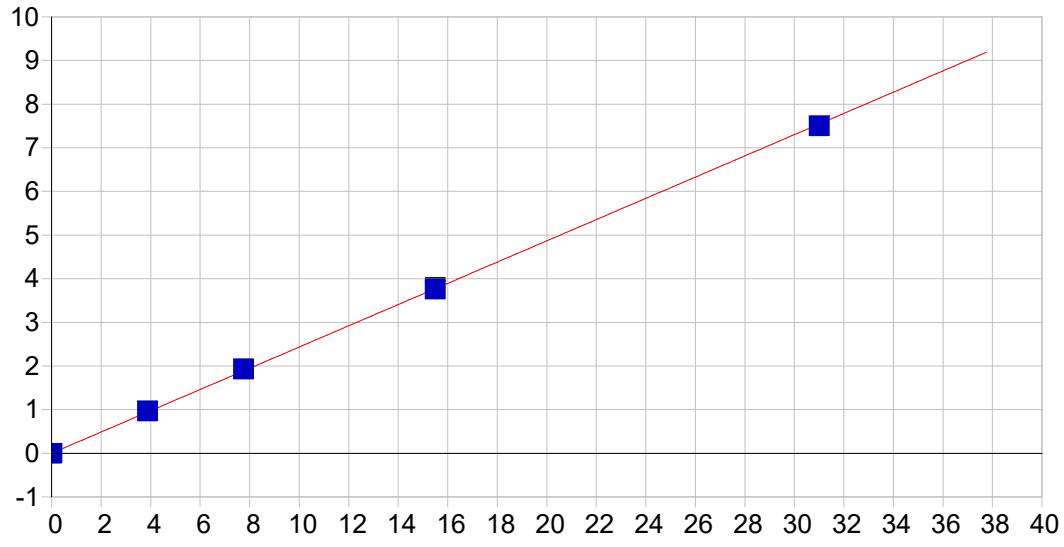
Ca 373.690 { 90}

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



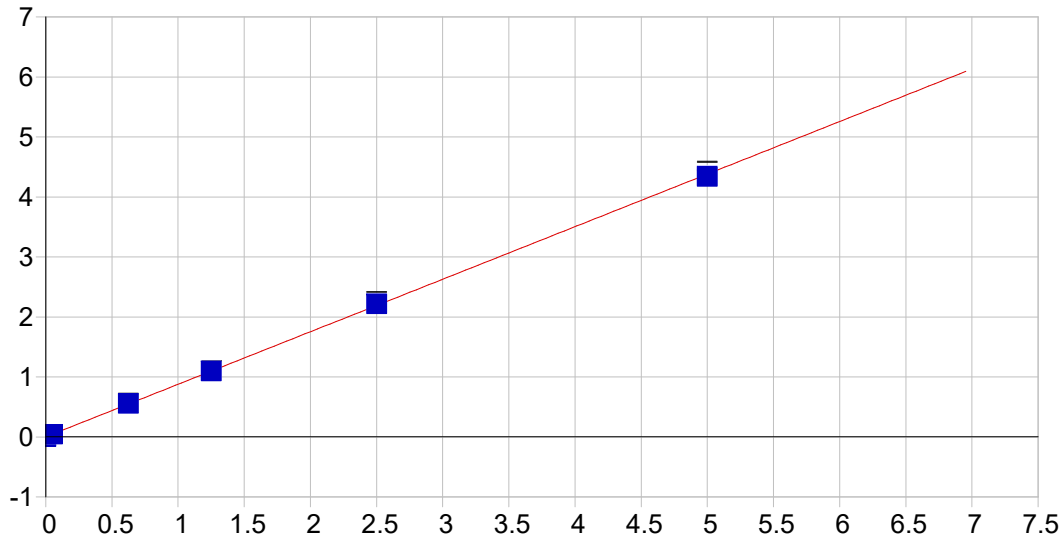
Cr 267.716 {126}

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



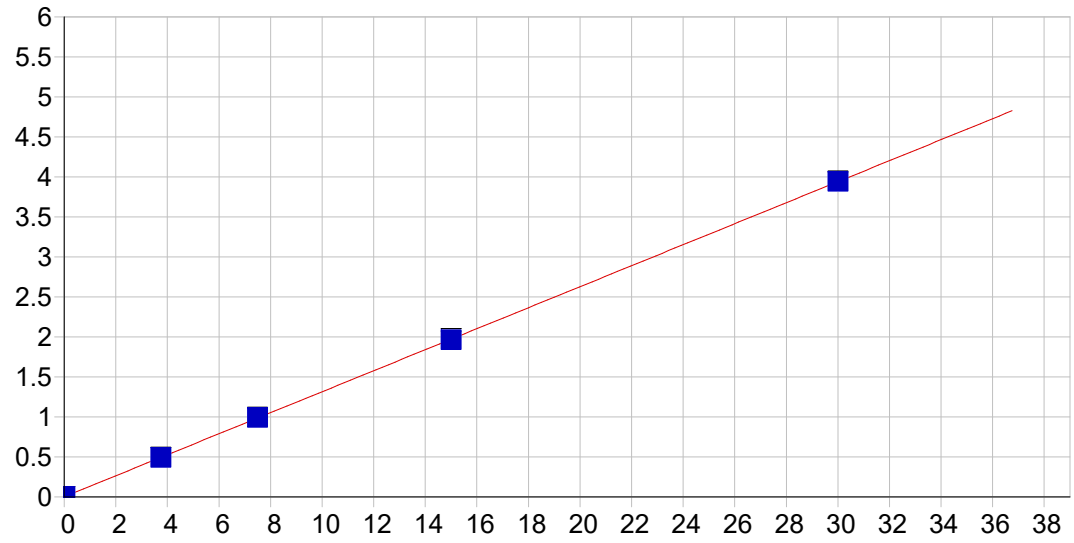
Co 228.616 {448}

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



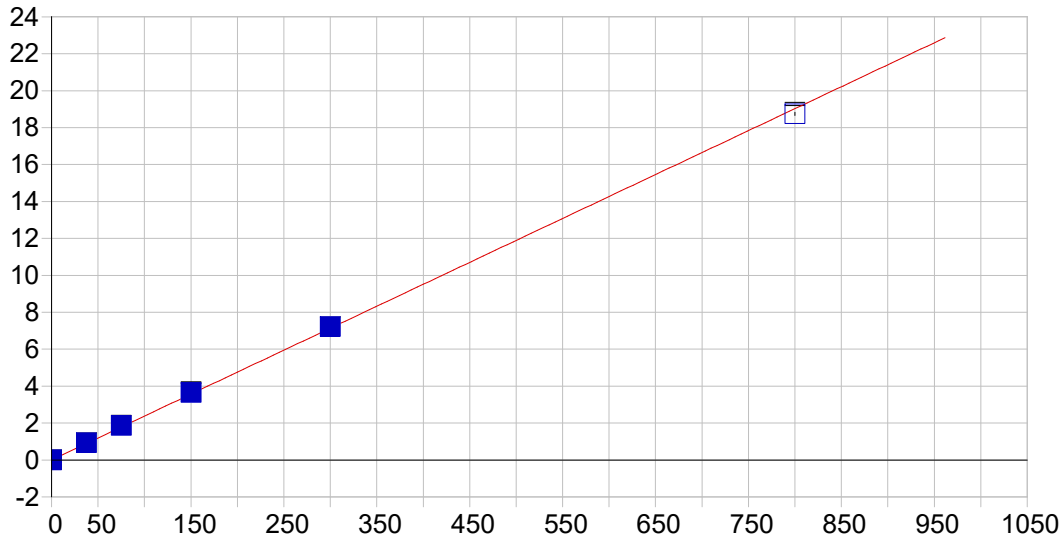
Cu 324.754 {104}

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



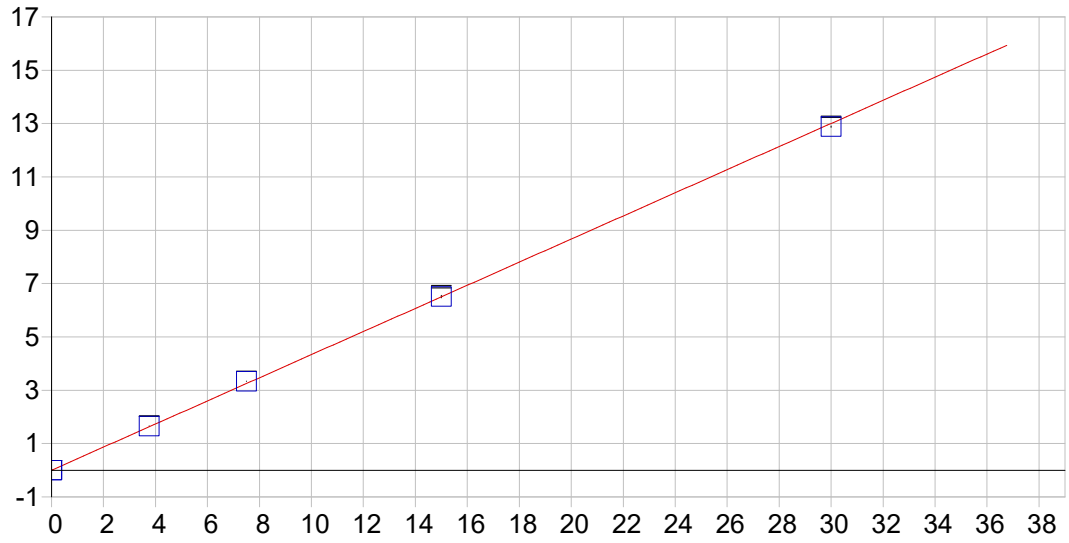
Fe 259.837 {130}

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



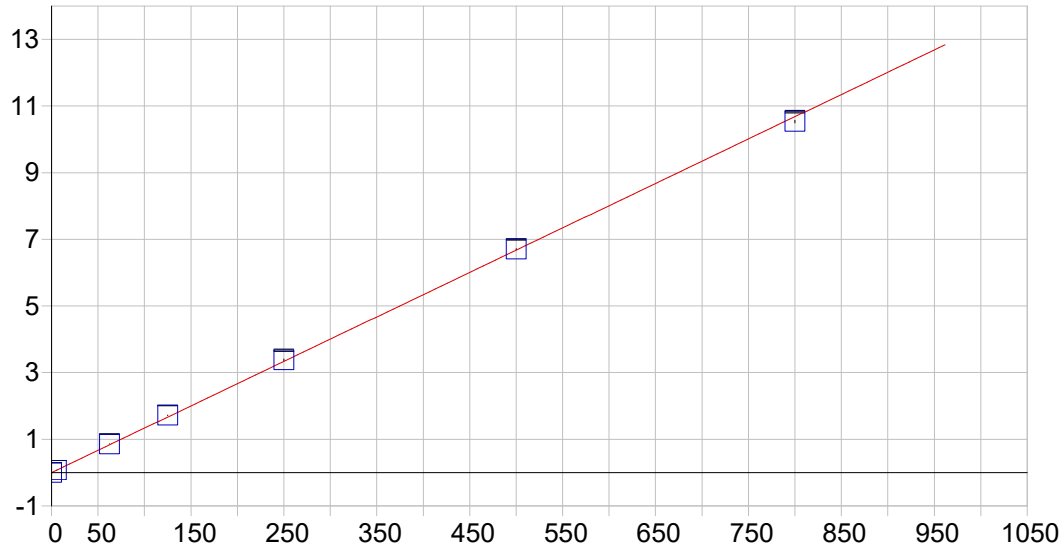
Mn 257.610 {131}

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



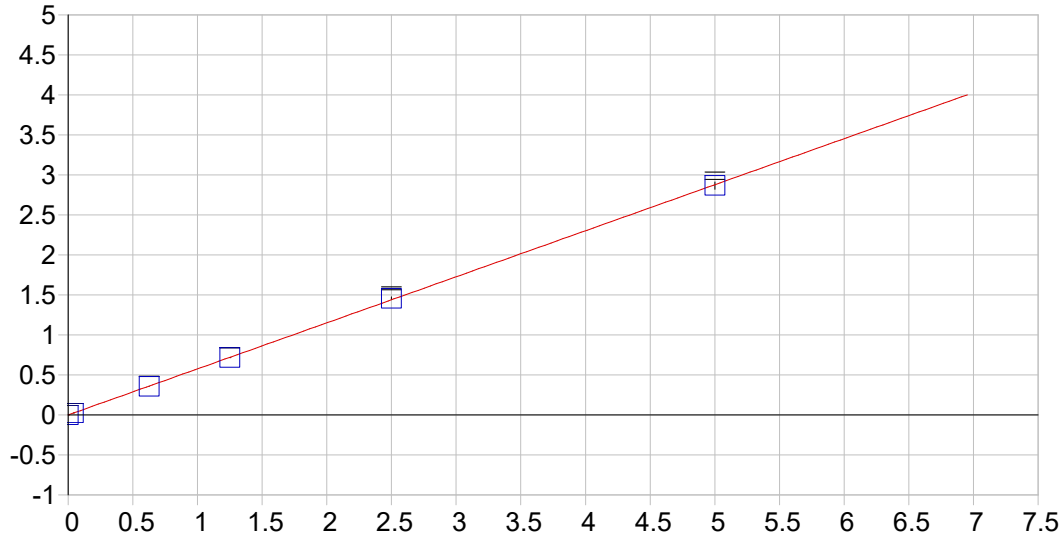
Mg 279.079 {121}

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



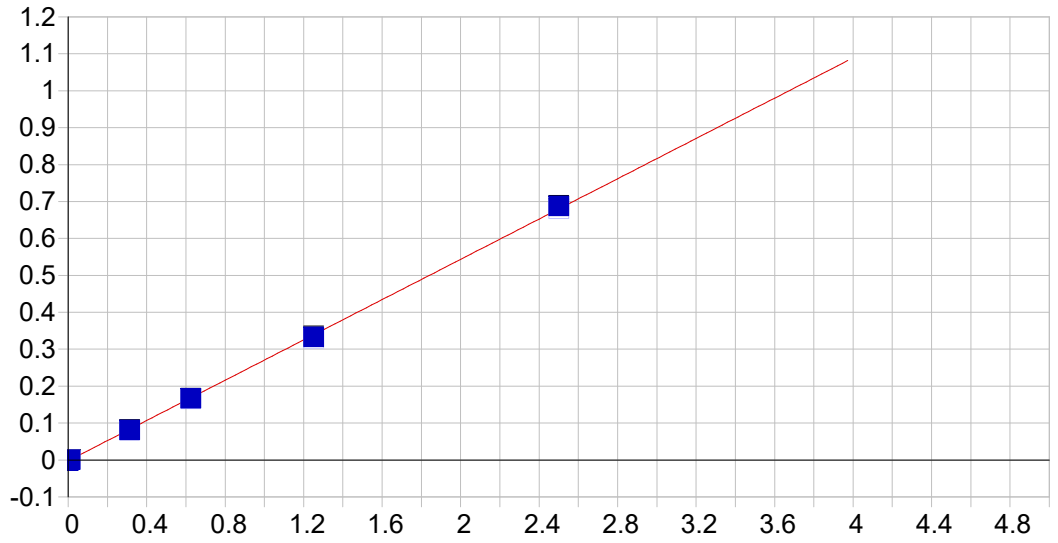
Ni 231.604 {446}

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



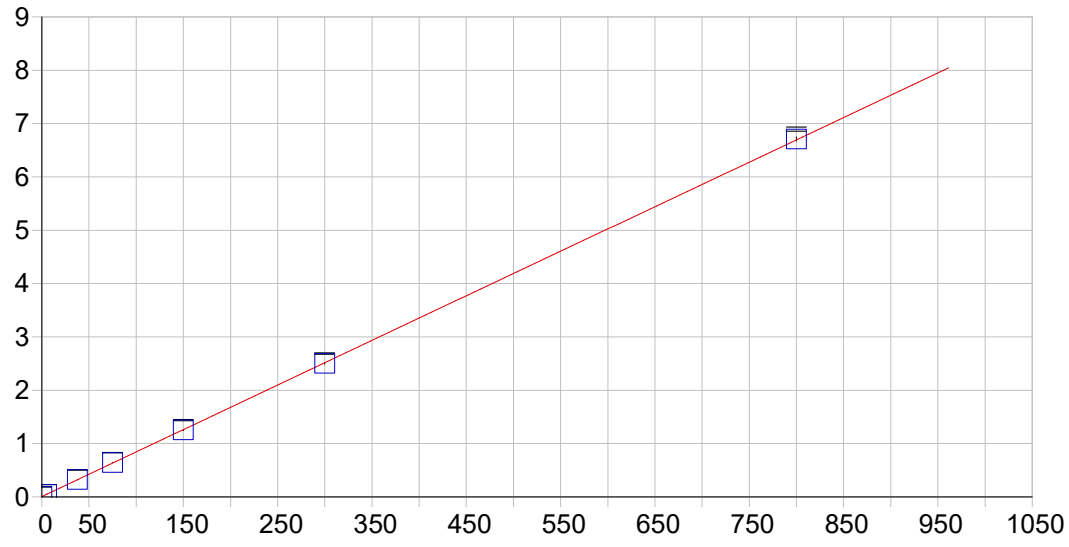
Ag 328.068 {103}

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



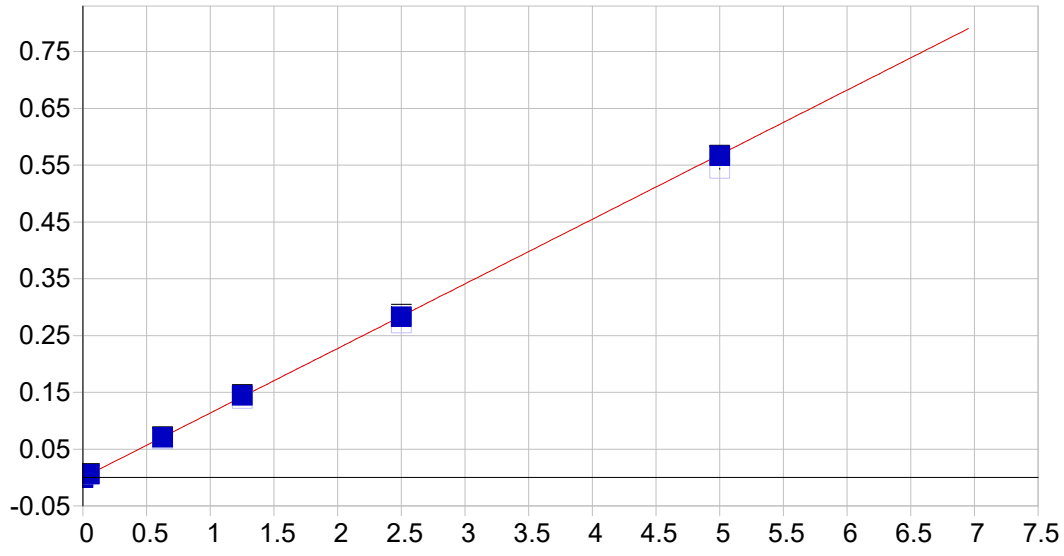
Na 818.326 { 41}

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



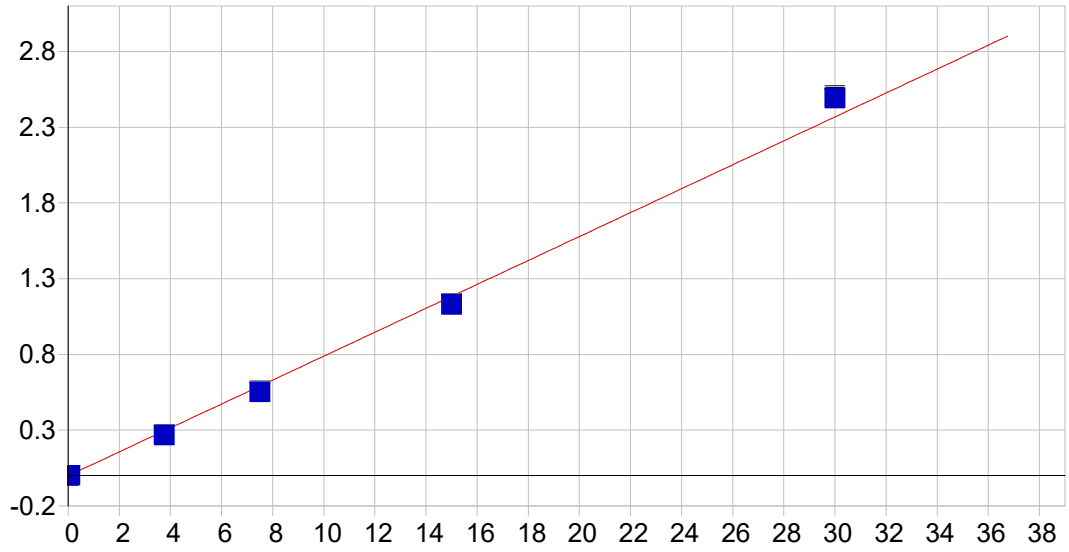
V 292.402 {115}

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



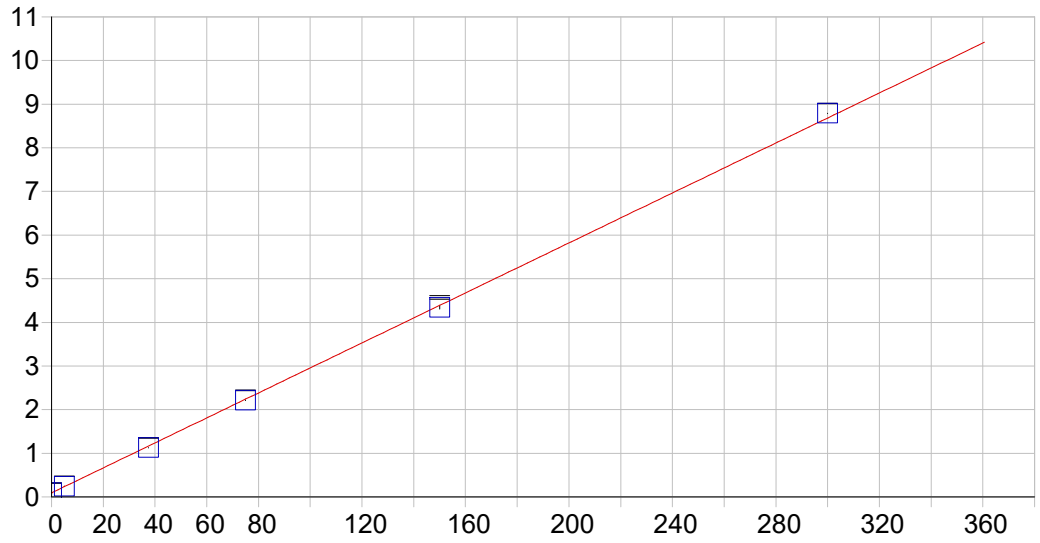
Zn 213.856 {158}

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



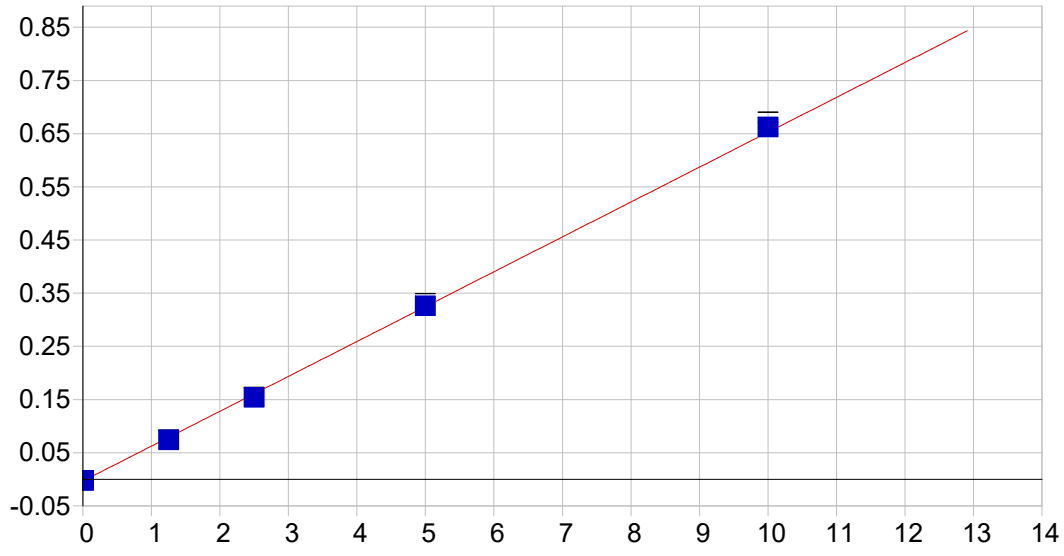
K 769.896 { 44}

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



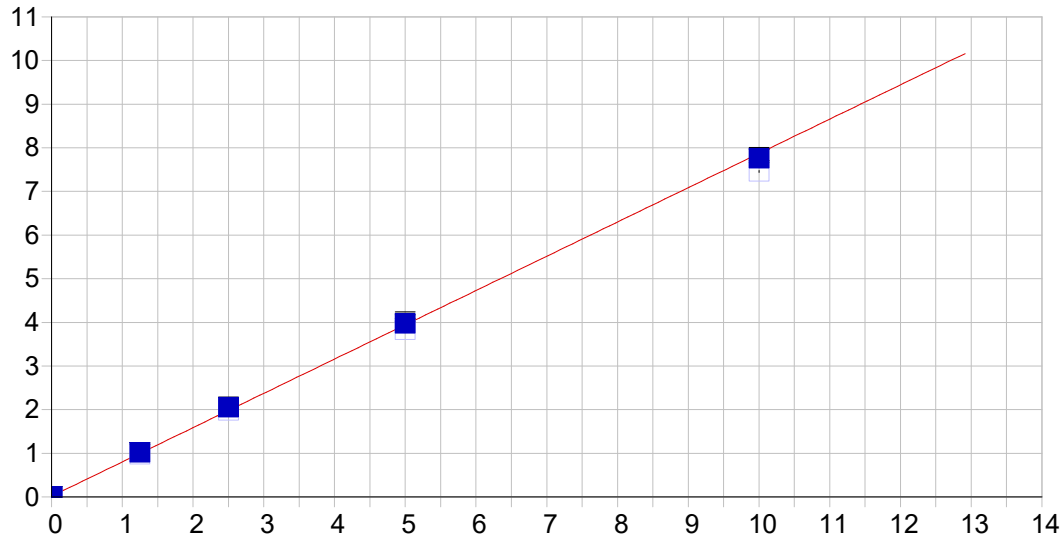
P 177.495 {490}

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



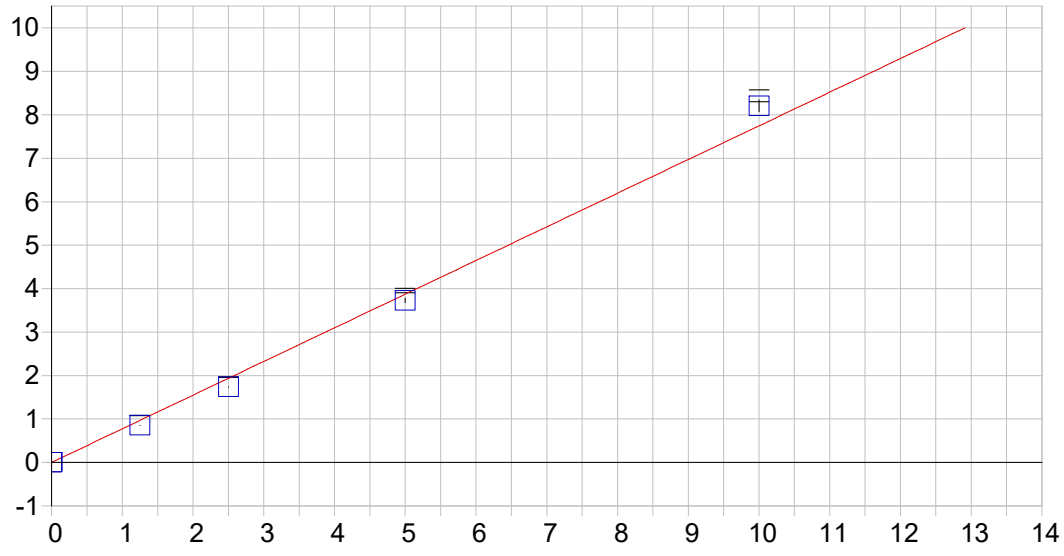
B 249.678 {135}

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



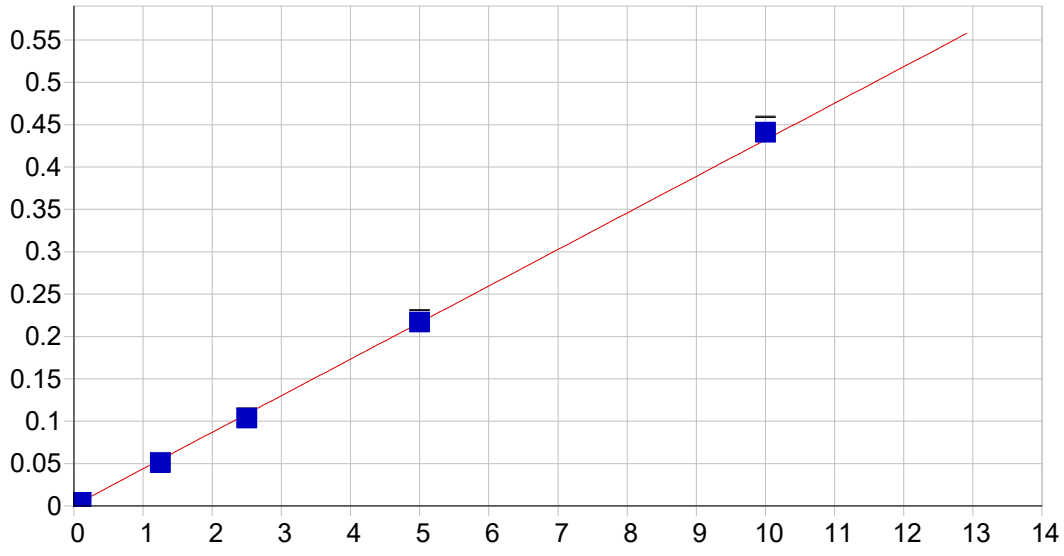
Mo 202.030 {467}

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



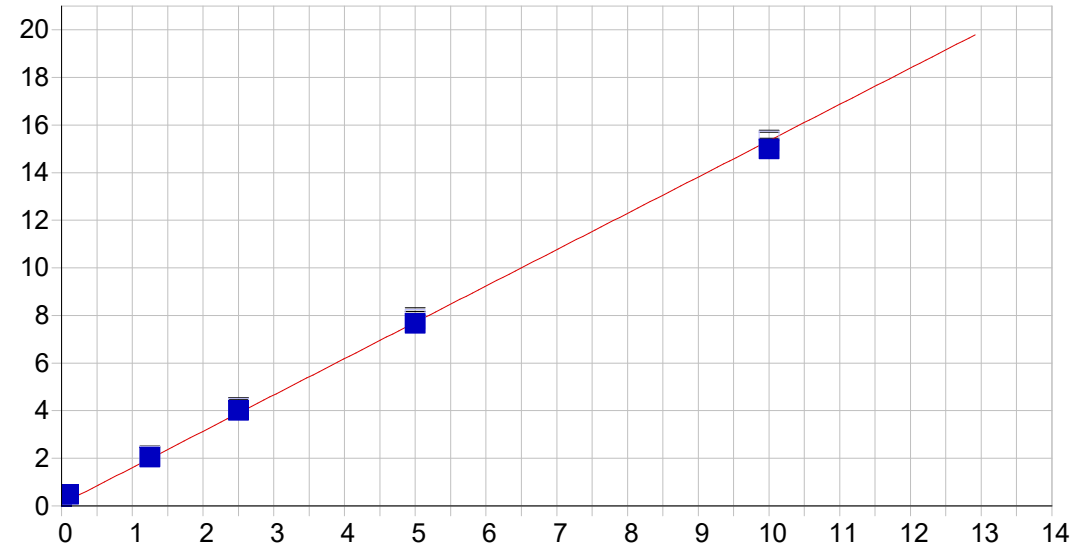
S 182.034 {485}

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



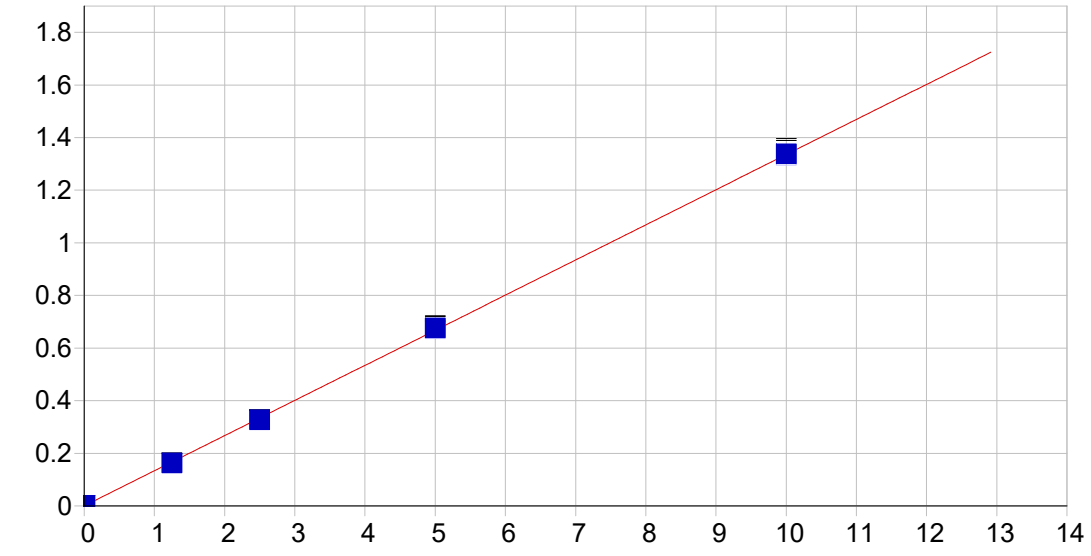
Si 251.611 {134}

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



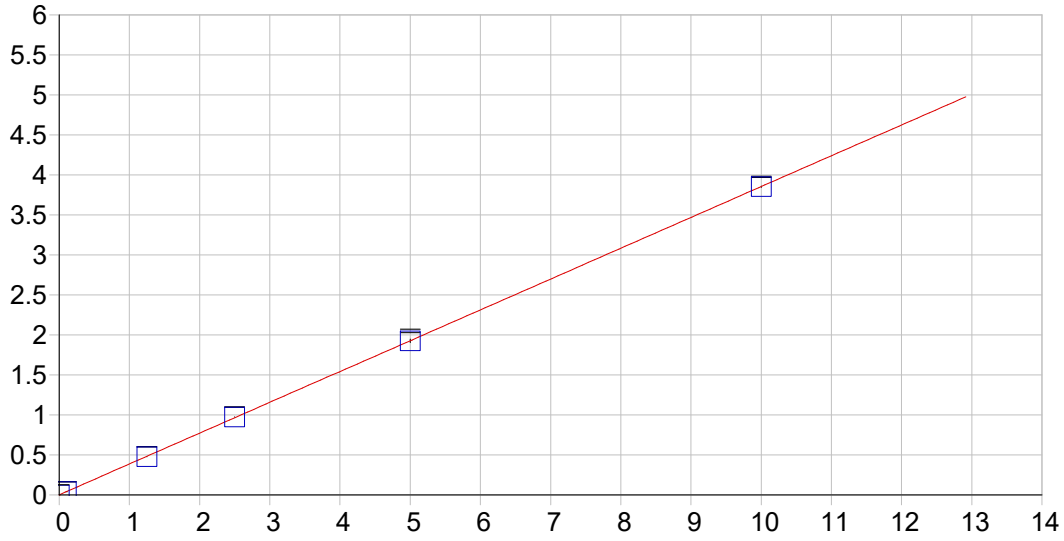
Sn 189.989 {478}

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



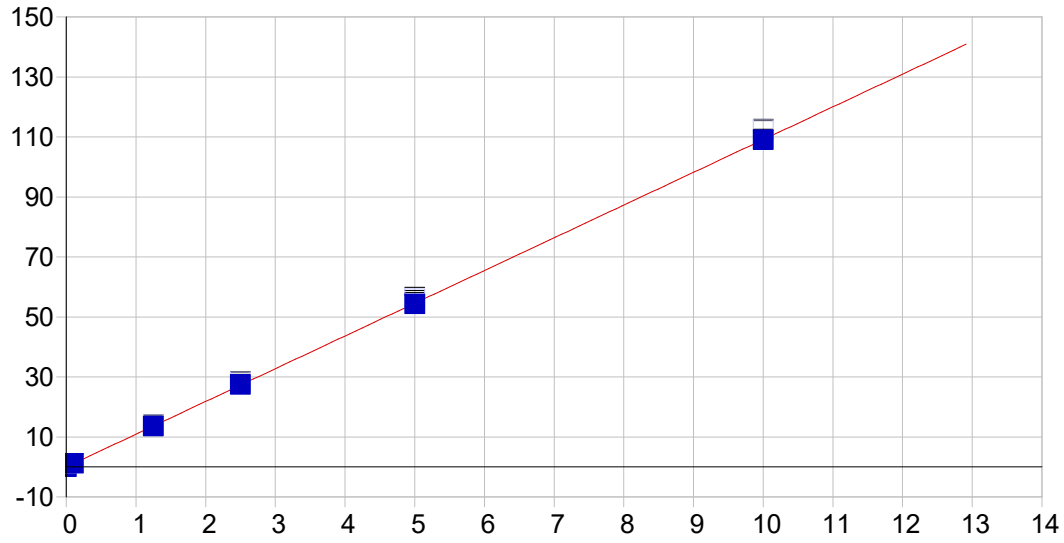
Ti 336.121 {100}

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



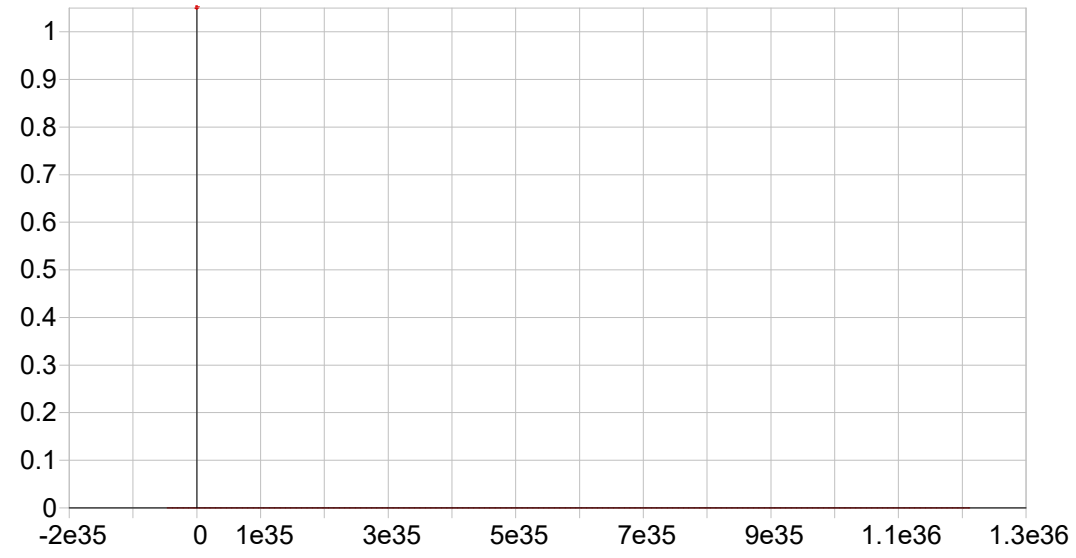
Sr 407.771 { 83}

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

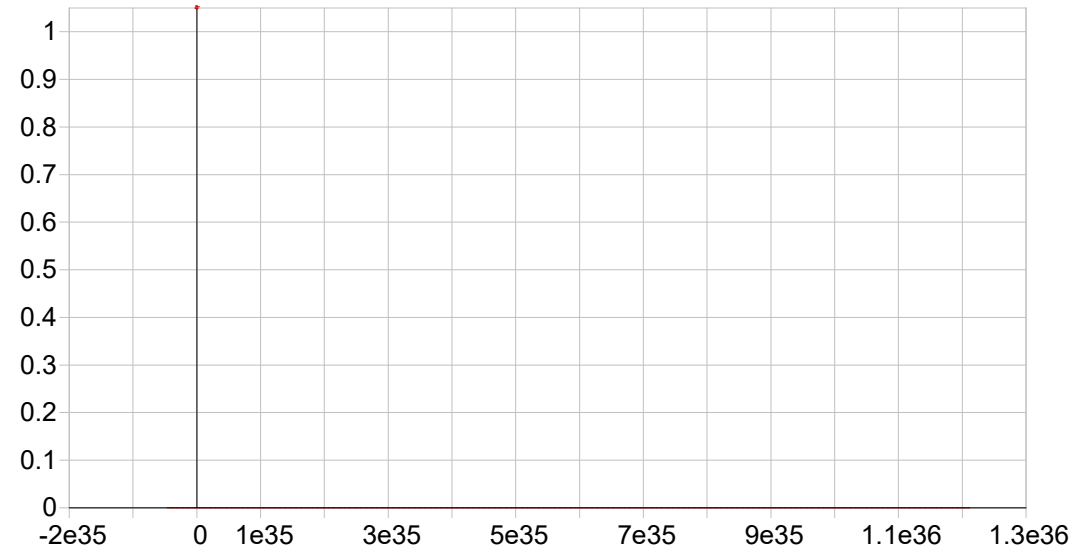


Y 224.306 {450}*

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}*

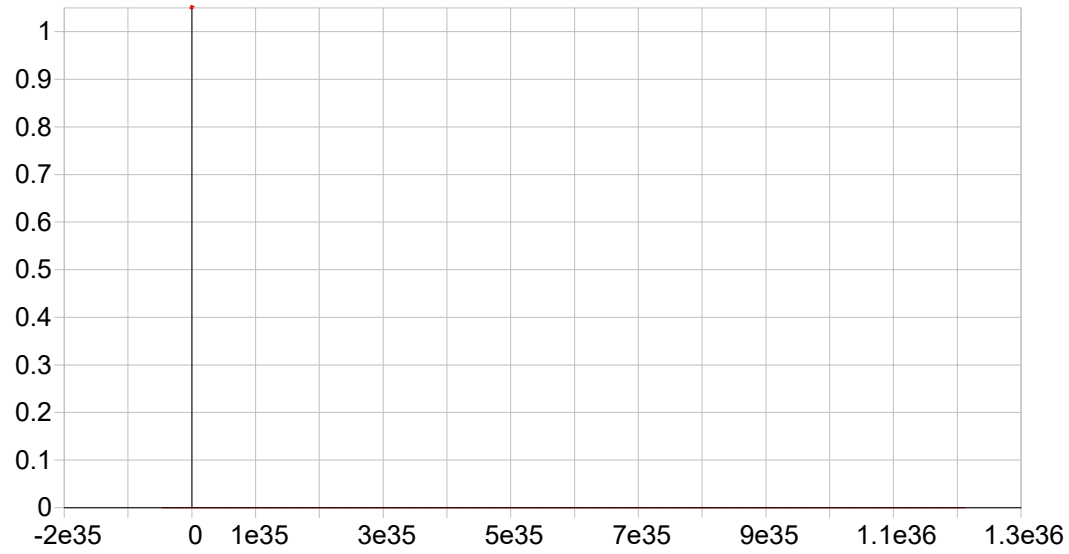
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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



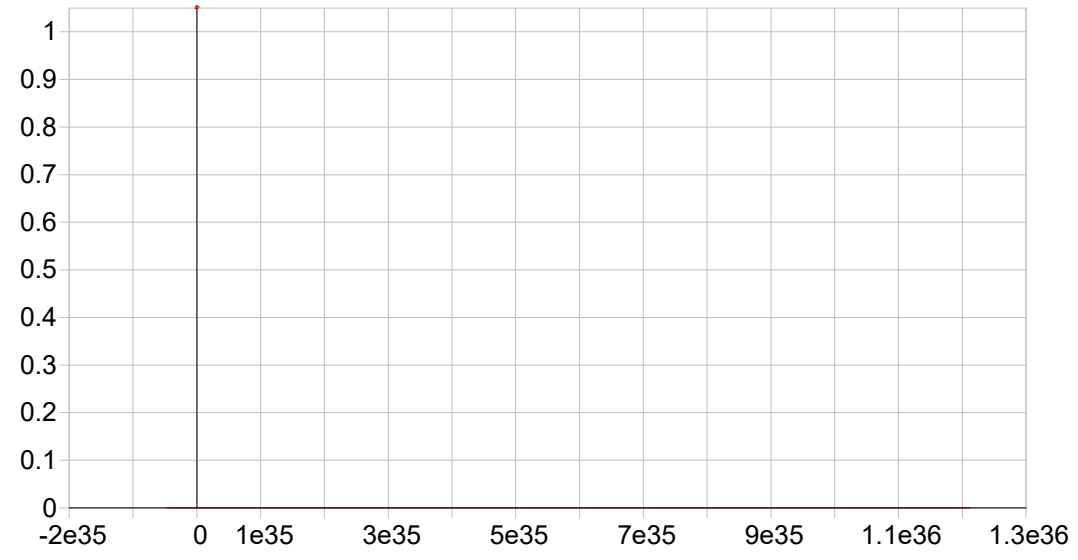
Y 371.030 { 91}*

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

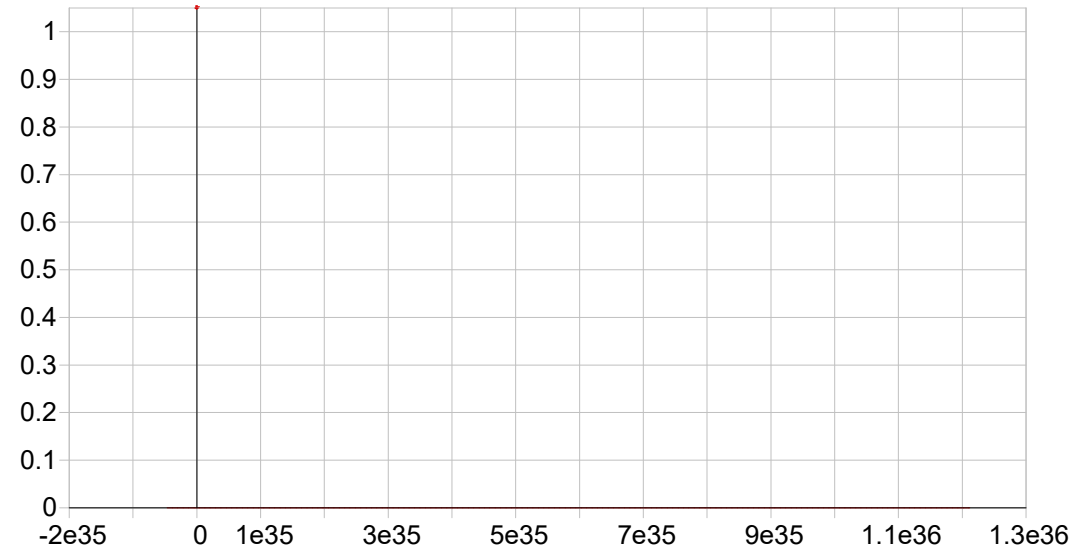
Reviewed By:Mohan
On:12/24/2024 3:42:36 AM
Inst Id :P5



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



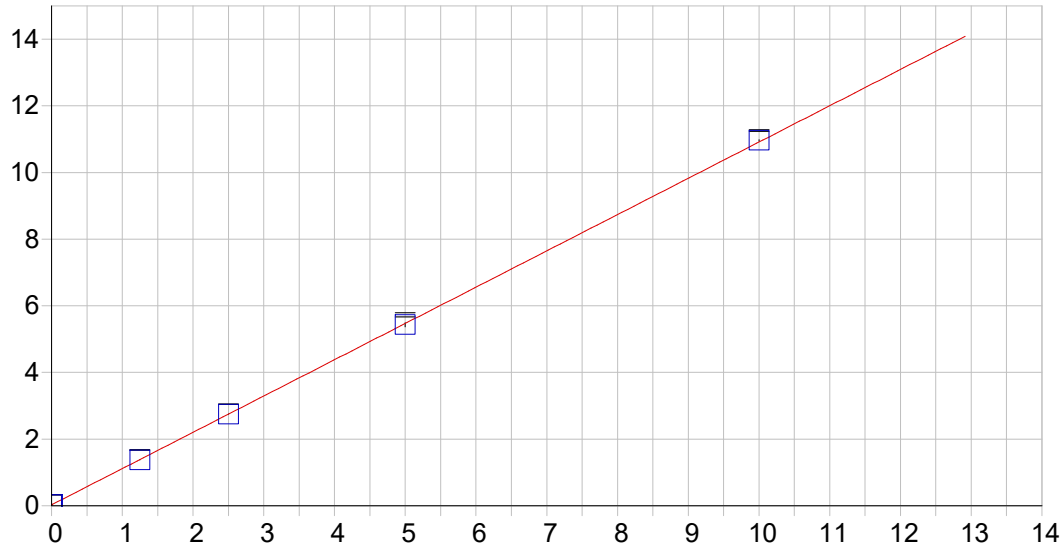
In 230.606 {446}*

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

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

Sample Name: P4978-19 Acquired: 12/14/2024 22:04:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0705558**	**.0352473**	**.1797749**	**-.006920**	**.0154431**	**73.09079**	**.6424517**
Stddev	.0040597	.0030206	.0035242	.006681	.0032216	.99118	.0077489
%RSD	5.753944	8.569682	1.960316	96.53639	20.86134	1.356095	1.206145
#1	.0695229	.0341485	.1832834	-.003765	.0162406	72.69538	.6377854
#2	.0750322	.0329299	.1798058	-.014594	.0118976	72.35835	.6381732
#3	.0671123	.0386635	.1762353	-.002401	.0181911	74.21865	.6513966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0048991**	**.0040742**	**568.5194**	**.0836735**	**.1267817**	**.1989705**	**160.9803**
Stddev	.0000965	.0001288	7.8522	.0016675	.0016841	.0031948	2.0462
%RSD	1.970351	3.161522	1.381170	1.992860	1.328370	1.605642	1.271077
#1	.0048008	.0041396	566.3447	.0855982	.1260998	.1996817	160.0206
#2	.0049027	.0041572	561.9837	.0827560	.1286999	.1954800	159.5904
#3	.0049938	.0039258	577.2297	.0826661	.1255455	.2017497	163.3299

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**16.01325**	**27.36889**	**.1441864**	**-.004843**	**.4327478**	**.1443096**	**.2248999**
Stddev	.20805	.36410	.0018938	.000348	.8120274	.0088120	.0114667
%RSD	1.299218	1.330347	1.313444	7.190308	187.6445	6.106344	5.098580
#1	15.91214	27.12630	.1422768	-.005225	-.503819	.1348116	.2121811
#2	15.87509	27.19281	.1460640	-.004760	.862031	.1522198	.2344467
#3	16.25253	27.78756	.1442183	-.004544	.940031	.1458975	.2280720

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.827836**	**5.810694**	**-.073250**	**-.002358**	**1.104028**	**9.251632**	**.0226613**
Stddev	.027132	.059234	.001602	.000545	.018829	.070101	.0005368
%RSD	.5619895	1.019395	2.186714	23.09631	1.705473	.7577123	2.368683
#1	4.853687	5.771852	-.071562	-.001937	1.094436	9.286091	.0228356
#2	4.799583	5.878871	-.074749	-.002973	1.125721	9.170971	.0230891
#3	4.830238	5.781358	-.073439	-.002164	1.091927	9.297834	.0220590

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

Sample Name: P4978-19 Acquired: 12/14/2024 22:04:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ83 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.168661	.3099736	.0529339
Stddev	.015730	.0045769	.0002918
%RSD	1.345949	1.476556	.5512690
#1	1.160198	.3077315	.0526087
#2	1.158975	.3069500	.0530202
#3	1.186810	.3152393	.0531729

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.400	28771.78	2680.986	1995.351	2448.795
Stddev	18.862	120.94	20.673	13.210	26.923
%RSD	.8090447	.4203356	.7710806	.6620289	1.099420
#1	2344.144	28901.66	2686.958	2005.392	2462.843
#2	2309.731	28662.41	2698.015	1980.387	2417.754
#3	2340.323	28751.28	2657.985	2000.274	2465.787

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

Sample Name: P4978-20 Acquired: 12/14/2024 22:08:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1554765	.0175844	1.312854	.0138625	.0253795	92.10894	1.009659
Stddev	.0060339	.0038219	.002196	.0062174	.0026179	.30486	.003260
%RSD	3.880897	21.73458	.1672895	44.85010	10.31496	.3309733	.3228906
#1	.1485742	.0211636	1.311119	.0194351	.0224154	92.35517	1.012531
#2	.1581050	.0135590	1.312120	.0149959	.0263478	91.76796	1.006116
#3	.1597503	.0180306	1.315323	.0071564	.0273752	92.20370	1.010330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066654	.0084990	215.7914	.1369897	.1133984	.2329819	180.9559
Stddev	.0000735	.0000681	.5004	.0002526	.0005452	.0048908	.2669
%RSD	1.102510	.8006752	.2318738	.1843793	.4807593	2.099206	.1475095
#1	.0066618	.0084293	216.3560	.1372230	.1136595	.2273356	181.1878
#2	.0065938	.0085023	215.4027	.1367215	.1127718	.2358998	180.6641
#3	.0067406	.0085653	215.6156	.1370247	.1137639	.2357103	181.0158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.027623	96.40906	.2086226	-.007510	.8677353	.2186587	1.397037
Stddev	.012993	.31507	.0010902	.001042	.2491366	.0054120	.010223
%RSD	.1618478	.3268071	.5225588	13.87654	28.71113	2.475085	.7317858
#1	8.036610	96.74677	.2098562	-.007483	.7291421	.2140877	1.408810
#2	8.012726	96.12301	.2082229	-.008565	1.155350	.2172539	1.391911
#3	8.033532	96.35741	.2077887	-.006481	.718713	.2246346	1.390391

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.31521	7.597713	-.072029	.0044212	4.726191	9.955964	.0633701
Stddev	.09234	.021139	.001537	.0004752	.019216	.018247	.0005035
%RSD	.8952098	.2782326	2.133754	10.74801	.4065933	.1832776	.7944668
#1	10.40325	7.605125	-.070877	.0047703	4.723760	9.976727	.0633556
#2	10.32329	7.573866	-.073774	.0038801	4.708306	9.948685	.0638807
#3	10.21910	7.614148	-.071435	.0046132	4.746508	9.942480	.0628741

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

Sample Name: P4978-20 Acquired: 12/14/2024 22:08:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ98 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**1.372684**	**.1435587**	**.1076793**
Stddev	.001613	.0008064	.0032982
%RSD	.1174800	.5617007	3.062994
#1	1.371050	.1442016	.1068902
#2	1.372728	.1426540	.1048473
#3	1.374275	.1438207	.1113006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2207.154**	**26959.95**	**2509.876**	**1880.951**	**2544.502**
Stddev	5.312	29.15	5.960	2.974	3.646
%RSD	.2406678	.1081100	.2374516	.1581153	.1432796
#1	2201.673	26948.20	2511.553	1877.524	2540.664
#2	2207.510	26938.52	2514.818	1882.859	2544.923
#3	2212.278	26993.14	2503.258	1882.470	2547.919

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

Sample Name: P4978-21 Acquired: 12/14/2024 22:11:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2335147**	**.0243903**	**1.695057**	**.0446203**	**.0200578**	**82.40443**	**.9503953**
Stddev	.0016139	.0026775	.001404	.0053587	.0037432	.30776	.0018545
%RSD	.6911216	10.97756	.0828381	12.00957	18.66209	.3734806	.1951296
#1	.2351636	.0255906	1.696565	.0418019	.0169567	82.08979	.9482968
#2	.2334423	.0262576	1.693788	.0412590	.0190010	82.41869	.9510753
#3	.2319383	.0213227	1.694817	.0508001	.0242159	82.70482	.9518138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0063823**	**.0114006**	**249.5963**	**.1214196**	**.1040889**	**.3019751**	**162.7021**
Stddev	.0001413	.0001381	.5365	.0012670	.0006309	.0014470	.6130
%RSD	2.213414	1.211086	.2149470	1.043476	.6061588	.4791609	.3767700
#1	.0062293	.0114945	249.1073	.1207083	.1047912	.3003746	162.2538
#2	.0065078	.0114653	249.5115	.1206681	.1035699	.3031907	162.4519
#3	.0064097	.0112421	250.1702	.1228824	.1039055	.3023599	163.4006

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.590541**	**112.7746**	**.1891210**	**-.004913**	**.9779104**	**.2088818**	**2.132520**
Stddev	.023240	.4644	.0008399	.000227	.7662235	.0063491	.017481
%RSD	.2705331	.4118137	.4440835	4.610610	78.35314	3.039555	.8197375
#1	8.565056	112.2556	.1899610	-.004871	.6022752	.2099270	2.126325
#2	8.610564	113.1510	.1891207	-.004711	1.859466	.2020750	2.118981
#3	8.596003	112.9173	.1882813	-.005158	.471990	.2146434	2.152255

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.798127**	**6.633791**	**-.069502**	**.0057228**	**4.580943**	**11.33565**	**.0882935**
Stddev	.187833	.002101	.000755	.0005481	.004907	.05076	.0003997
%RSD	2.763010	.0316643	1.086892	9.577581	.1071195	.4477880	.4526687
#1	6.908188	6.633511	-.069960	.0058585	4.582761	11.29322	.0879208
#2	6.581244	6.636018	-.068630	.0051196	4.584681	11.39188	.0887156
#3	6.904948	6.631845	-.069916	.0061903	4.575386	11.32185	.0882442

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

Sample Name: P4978-21 Acquired: 12/14/2024 22:11:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ99 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.249181	.1383142	.0905656
Stddev	.009121	.0003596	.0026606
%RSD	.7301952	.2599586	2.937770
#1	1.238687	.1379148	.0930709
#2	1.253650	.1386120	.0908530
#3	1.255206	.1384159	.0877730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2219.993	27158.82	2504.182	1884.767	2539.749
Stddev	9.543	75.92	4.337	9.340	6.470
%RSD	.4298589	.2795256	.1731884	.4955687	.2547661
#1	2225.221	27109.65	2507.186	1881.965	2543.468
#2	2208.979	27246.26	2499.210	1895.188	2532.278
#3	2225.780	27120.56	2506.150	1877.149	2543.502

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

Sample Name: P4978-22 Acquired: 12/14/2024 22:15:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2387198**	**.0267445**	**1.128927**	**.0194310**	**.0216338**	**71.04787**	**.9928662**
Stddev	.0046810	.0037844	.001713	.0022059	.0010696	1.57500	.0218984
%RSD	1.960866	14.15018	.1517072	11.35246	4.944022	2.216816	2.205572
#1	.2347329	.0265353	1.130899	.0194820	.0228688	71.63237	1.001726
#2	.2438740	.0230690	1.127813	.0172001	.0210050	69.26417	.967926
#3	.2375525	.0306291	1.128068	.0216110	.0210276	72.24706	1.008946

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059627**	**.0115699**	**168.8807**	**.0965787**	**.1106858**	**.3572602**	**164.3386**
Stddev	.0000076	.0001139	4.0668	.0003883	.0007609	.0097704	3.5314
%RSD	.1282957	.9846456	2.408089	.4020636	.6874117	2.734821	2.148860
#1	.0059564	.0116314	170.5790	.0963022	.1115361	.3619169	165.8983
#2	.0059712	.0116398	164.2400	.0964112	.1104524	.3460325	160.2959
#3	.0059606	.0114384	171.8230	.0970226	.1100690	.3638311	166.8217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.98167**	**51.59816**	**.2029854**	**-.003956**	**.5332668**	**.1933686**	**1.961588**
Stddev	.30548	1.13646	.0018542	.000467	.7076718	.0070526	.006516
%RSD	2.038998	2.202522	.9134598	11.80295	132.7050	3.647235	.3321820
#1	15.11375	52.06404	.2051126	-.004429	1.231851	.1974773	1.967091
#2	14.63238	50.30279	.2021322	-.003945	.551106	.1852251	1.954393
#3	15.19888	52.42766	.2017114	-.003495	-.183156	.1974036	1.963280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.981289**	**8.665786**	**-.070281**	**.0085994**	**3.430470**	**9.715858**	**.0618939**
Stddev	.165891	.024479	.004040	.0001053	.015820	.195975	.0016409
%RSD	2.376224	.2824768	5.748307	1.225013	.4611572	2.017062	2.651103
#1	7.138070	8.694047	-.069463	.0087207	3.445630	9.814995	.0619030
#2	6.807585	8.651223	-.074668	.0085313	3.431715	9.490122	.0602485
#3	6.998211	8.652088	-.066713	.0085462	3.414064	9.842458	.0635302

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

Sample Name: P4978-22 Acquired: 12/14/2024 22:15:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.130021	.1205795	.0797532
Stddev	.026584	.0020136	.0053798
%RSD	2.352551	1.669917	6.745574
#1	1.146150	.1214820	.0801501
#2	1.099337	.1182726	.0741859
#3	1.144575	.1219840	.0849236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.353	29029.83	2677.921	2020.917	2602.140
Stddev	6.527	121.31	51.616	9.514	8.847
%RSD	.2765392	.4178740	1.927471	.4707758	.3399976
#1	2354.342	28913.05	2640.525	2010.489	2593.717
#2	2359.421	29021.24	2736.811	2023.136	2601.345
#3	2367.296	29155.21	2656.427	2029.125	2611.358

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

Sample Name: P4979-01 Acquired: 12/14/2024 22:19:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760560	.0348695	.8548723	-.009951	.0099413	60.18501	.8011363
Stddev	.0035128	.0043436	.0038004	.002352	.0019538	.20214	.0015754
%RSD	4.618715	12.45685	.4445557	23.63922	19.65297	.3358661	.1966482
#1	.0794596	.0390156	.8588362	-.012464	.0076896	60.41564	.8029084
#2	.0724433	.0303521	.8545210	-.009590	.0111881	60.10087	.7998941
#3	.0762652	.0352409	.8512598	-.007800	.0109461	60.03854	.8006064

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048105	.0054799	358.1319	.0812394	.1077957	.1880284	125.2699
Stddev	.0000763	.0000957	.4561	.0006840	.0004253	.0105162	.3073
%RSD	1.585785	1.746595	.1273610	.8420104	.3945236	5.592888	.2453112
#1	.0048788	.0054749	358.6174	.0811116	.1081054	.1994072	125.5857
#2	.0047282	.0053868	357.7124	.0819784	.1073108	.1786670	125.2522
#3	.0048244	.0055780	358.0658	.0806283	.1079709	.1860110	124.9718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.33508	31.25254	.1648928	-.002483	.6440363	.1279921	.4147525
Stddev	.05193	.04093	.0016595	.000472	.1759194	.0010243	.0085865
%RSD	.3386151	.1309543	1.006432	19.01436	27.31515	.8002908	2.070280
#1	15.39352	31.21273	.1660151	-.002113	.7219747	.1282206	.4053923
#2	15.31747	31.25040	.1629865	-.002321	.7675227	.1268729	.4166007
#3	15.29424	31.29450	.1656767	-.003014	.4426114	.1288829	.4222644

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.347292	5.827237	-.062040	-.000570	2.396130	11.19796	.0330286
Stddev	.039575	.022649	.000408	.000443	.011830	.06449	.0008232
%RSD	.7400930	.3886799	.6570991	77.82367	.4936933	.5759410	2.492257
#1	5.376859	5.851023	-.061670	-.000979	2.409642	11.27223	.0322280
#2	5.302333	5.805927	-.061973	-.000099	2.387641	11.16555	.0338726
#3	5.362683	5.824761	-.062477	-.000631	2.391106	11.15611	.0329852

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

Sample Name: P4979-01 Acquired: 12/14/2024 22:19:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ66 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.266999	.1927616	.0323672
Stddev	.004278	.0006079	.0021057
%RSD	.3376292	.3153772	6.505689
#1	1.263672	.1933544	.0303923
#2	1.271824	.1921396	.0345830
#3	1.265500	.1927907	.0321263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2351.685	28696.63	2653.098	1998.618	2514.983
Stddev	6.260	36.33	11.701	3.196	7.121
%RSD	.2661940	.1266037	.4410213	.1599186	.2831400
#1	2345.702	28654.70	2642.198	2002.192	2507.258
#2	2351.165	28716.57	2651.634	1997.626	2516.407
#3	2358.189	28718.63	2665.462	1996.035	2521.285

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

Sample Name: P4979-02 Acquired: 12/14/2024 22:23:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0832180**	**.0453987**	**.5795276**	**.0010664**	**.0137034**	**67.35133**	**.8812917**
Stddev	.0005835	.0049140	.0039742	.0042572	.0014692	.12412	.0012026
%RSD	.7012083	10.82420	.6857711	399.2247	10.72163	.1842933	.1364600
#1	.0830359	.0398351	.5753290	.0020296	.0152755	67.27802	.8801486
#2	.0838709	.0491462	.5800226	-.003590	.0134696	67.28133	.8811804
#3	.0827473	.0472149	.5832311	.004759	.0123651	67.49464	.8825461

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049181**	**.0059829**	**367.3957**	**.0800446**	**.1256152**	**.1668217**	**149.5206**
Stddev	.0000325	.0000917	.7533	.0004931	.0008853	.0081885	.3841
%RSD	.6597528	1.532414	.2050475	.6160056	.7047601	4.908528	.2568595
#1	.0049203	.0059541	366.8184	.0804377	.1248011	.1711381	149.1802
#2	.0049495	.0060855	367.1209	.0802049	.1254869	.1719489	149.4447
#3	.0048847	.0059091	368.2479	.0794914	.1265577	.1573780	149.9370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**23.23848**	**24.46970**	**.1552032**	**-.002233**	**.8927868**	**.1319585**	**.3095641**
Stddev	.04492	.03244	.0019437	.001198	.2812221	.0038562	.0081665
%RSD	.1932801	.1325784	1.252329	53.66605	31.49935	2.922284	2.638060
#1	23.19289	24.44229	.1532697	-.003552	1.038556	.1363445	.3107940
#2	23.23985	24.46130	.1571569	-.001934	1.071197	.1291004	.3170459
#3	23.28269	24.50552	.1551831	-.001213	.568607	.1304304	.3008525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.497606**	**6.695331**	**-.082596**	**-.001804**	**2.008859**	**9.871482**	**.0258450**
Stddev	.087848	.033698	.003276	.000524	.005863	.019933	.0013012
%RSD	2.511655	.5032998	3.966419	29.03176	.2918410	.2019227	5.034718
#1	3.500634	6.656498	-.079426	-.001987	2.002152	9.867386	.0245706
#2	3.408282	6.716876	-.085969	-.002212	2.011419	9.893145	.0257928
#3	3.583900	6.712619	-.082392	-.001213	2.013006	9.853916	.0271715

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

Sample Name: P4979-02 Acquired: 12/14/2024 22:23:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ67 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.079697	.2010952	.0312847
Stddev	.003100	.0005503	.0010734
%RSD	.2870782	.2736703	3.431110
#1	1.078888	.2006183	.0302307
#2	1.077082	.2009699	.0312469
#3	1.083121	.2016974	.0323765

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2461.383	30293.06	2802.237	2105.805	2502.548
Stddev	11.708	77.59	3.866	4.559	12.453
%RSD	.4756842	.2561314	.1379675	.2164821	.4976245
#1	2473.552	30234.46	2799.943	2104.021	2516.126
#2	2460.401	30263.66	2800.068	2102.409	2499.860
#3	2450.197	30381.05	2806.701	2110.986	2491.659

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

Sample Name: P4979-06 Acquired: 12/14/2024 22:27:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515285	.0564656	.3106842	.0042193	.0142591	67.63850
Stddev	.0036011	.0027438	.0013348	.0029988	.0032345	.23546
%RSD	6.988573	4.859293	.4296435	71.07464	22.68400	.3481098
#1	.0517018	.0595727	.3121964	.0070228	.0171633	67.70989
#2	.0478439	.0554486	.3096699	.0010573	.0107732	67.37561
#3	.0550398	.0543754	.3101862	.0045777	.0148407	67.82999

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8686520	.0043634	.0067154	F 834.3579	.0742248	.1431995
Stddev	.0029954	.0002201	.0001735	1.7114	.0007678	.0003837
%RSD	.3448323	5.043983	2.583087	.2051123	1.034467	.2679452
#1	.8707316	.0041552	.0065212	834.6250	.0750571	.1434556
#2	.8652187	.0045937	.0067700	832.5287	.0735441	.1427583
#3	.8700058	.0043413	.0068550	835.9200	.0740732	.1433845

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1388803	163.1124	27.33248	23.37992	.1565916	-.002715
Stddev	.0024682	.5293	.08664	.09644	.0004395	.000557
%RSD	1.777193	.3245116	.3169896	.4124934	.2806613	20.50921
#1	.1370105	163.0589	27.29555	23.30329	.1568813	-.003236
#2	.1379524	162.6119	27.27043	23.34825	.1560859	-.002128
#3	.1416779	163.6665	27.43147	23.48821	.1568075	-.002780

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4922063	.1608070	.2402312	3.026097	7.408544	-.100143
Stddev	.3666476	.0078267	.0066229	.139603	.013538	.001290
%RSD	74.49065	4.867113	2.756874	4.613291	.1827309	1.288089
#1	.7806432	.1554200	.2478774	2.877250	7.399296	-.099957
#2	.6163785	.1697848	.2365242	3.046926	7.402254	-.098956
#3	.0795970	.1572163	.2362919	3.154115	7.424083	-.101515

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

Sample Name: P4979-06 Acquired: 12/14/2024 22:27:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ69 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002961	1.711829	8.224531	.0267477	1.068861	.3593623
Stddev	.000513	.008086	.045581	.0010063	.007481	.0010201
%RSD	17.31343	.4723616	.5542089	3.762050	.6999108	.2838552
#1	-.002370	1.705229	8.172205	.0260290	1.062204	.3591016
#2	-.003227	1.709410	8.255608	.0278977	1.067421	.3584978
#3	-.003285	1.720849	8.245780	.0263165	1.076957	.3604874

Elem	Li6707
Units	ppm
Avg	.0279187
Stddev	.0034918
%RSD	12.50691
#1	.0238923
#2	.0297488
#3	.0301150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.918	29994.77	2851.669	2088.681	2364.926
Stddev	3.020	75.78	12.284	4.073	4.695
%RSD	.1233899	.2526526	.4307766	.1950045	.1985329
#1	2451.372	29944.96	2851.102	2084.438	2363.443
#2	2446.607	30081.98	2864.226	2089.047	2370.183
#3	2445.774	29957.36	2839.677	2092.559	2361.151

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

Sample Name: P4979-07 Acquired: 12/14/2024 22:31:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596396	.0326139	.7037650	.0139621	.0202628	72.01289	.9275124
Stddev	.0037476	.0024371	.0036196	.0049817	.0030603	.19997	.0029973
%RSD	6.283759	7.472555	.5143162	35.67987	15.10291	.2776927	.3231529
#1	.0604338	.0353857	.7079366	.0183635	.0236486	71.78233	.9240996
#2	.0629265	.0308072	.7019016	.0149689	.0194460	72.11709	.9297172
#3	.0555586	.0316487	.7014567	.0085539	.0176938	72.13924	.9287204

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056059	.0061521	135.3792	.0860300	.1153705	.1425503	158.6062
Stddev	.0000214	.0001120	.3126	.0002839	.0007286	.0044158	.4530
%RSD	.3815395	1.820419	.2308976	.3299618	.6315545	3.097745	.2856010
#1	.0056130	.0061206	135.1238	.0862223	.1161439	.1385003	158.1439
#2	.0056229	.0060593	135.7278	.0857040	.1152707	.1418925	159.0493
#3	.0055819	.0062765	135.2861	.0861638	.1146969	.1472582	158.6252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.36709	50.71129	.1246546	-.002550	5.337070	.1506907	.4082437
Stddev	.04174	.26796	.0009734	.000527	.903570	.0094717	.0088469
%RSD	.2155376	.5283977	.7808815	20.68033	16.93008	6.285526	2.167058
#1	19.33192	50.42703	.1243915	-.002039	4.354387	.1497608	.4060095
#2	19.41322	50.95924	.1257325	-.003092	6.132040	.1417183	.4179934
#3	19.35614	50.74759	.1238397	-.002518	5.524785	.1605931	.4007280

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.448057	7.034779	-.100666	.0001069	2.683815	12.44162	.0358071
Stddev	.140235	.032093	.004038	.0004554	.011293	.00743	.0006554
%RSD	3.152735	.4562068	4.011137	426.2462	.4207897	.0596941	1.830473
#1	4.606284	7.070814	-.104662	.0001064	2.696642	12.44557	.0364661
#2	4.339126	7.024250	-.096587	-.000348	2.675367	12.44623	.0351553
#3	4.398761	7.009273	-.100749	.000562	2.679437	12.43305	.0357999

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

Sample Name: P4979-07 Acquired: 12/14/2024 22:31:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ91 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.087981	.1013506	.0237131
Stddev	.006333	.0005731	.0049151
%RSD	.3032854	.5654699	20.72734
#1	2.081236	.1011036	.0285972
#2	2.088906	.1009425	.0187676
#3	2.093799	.1020058	.0237745

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.850	29831.60	2687.562	2079.811	2574.702
Stddev	9.868	86.13	8.376	5.204	8.324
%RSD	.4115466	.2887189	.3116619	.2502024	.3233141
#1	2396.902	29732.65	2678.780	2073.822	2571.586
#2	2388.490	29889.76	2688.445	2082.386	2568.384
#3	2408.159	29872.39	2695.462	2083.225	2584.135

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

Sample Name: P4979-08 Acquired: 12/14/2024 22:34:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0640434**	**.0328576**	**.8236027**	**.0133189**	**.0222142**	**77.01079**	**.9821958**
Stddev	.0022405	.0023335	.0027571	.0039392	.0010922	.24782	.0028191
%RSD	3.498347	7.101793	.3347555	29.57604	4.916823	.3218048	.2870207
#1	.0655340	.0308432	.8220129	.0102787	.0212001	77.09405	.9813433
#2	.0614669	.0354145	.8220089	.0177691	.0233706	77.20627	.9853428
#3	.0651292	.0323150	.8267863	.0119090	.0220717	76.73206	.9799014

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0061753**	**.0063462**	**140.5397**	**.0924607**	**.1269627**	**.1611556**	**172.9083**
Stddev	.0000400	.0000118	.4349	.0002042	.0012880	.0019627	.7405
%RSD	.6469451	.1861700	.3094174	.2208904	1.014472	1.217902	.4282771
#1	.0061525	.0063396	140.8086	.0926916	.1274435	.1612528	172.2764
#2	.0061520	.0063598	140.7725	.0923869	.1255034	.1591460	173.7231
#3	.0062214	.0063391	140.0380	.0923037	.1279411	.1630678	172.7255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**20.17711**	**56.27665**	**.1357920**	**-.003974**	**5.910949**	**.1593881**	**.4191408**
Stddev	.03254	.19072	.0007989	.000553	.714427	.0031822	.0063783
%RSD	.1612855	.3388987	.5883004	13.90411	12.08650	1.996527	1.521768
#1	20.16712	56.33846	.1360543	-.003509	6.675841	.1603467	.4164193
#2	20.21347	56.42881	.1348950	-.003829	5.796105	.1619809	.4145747
#3	20.15072	56.06269	.1364268	-.004585	5.260901	.1558368	.4264285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.945816**	**7.449391**	**-.104472**	**-.000700**	**2.888853**	**10.95765**	**.0378568**
Stddev	.084527	.047118	.003870	.000608	.014937	.07469	.0020860
%RSD	1.709057	.6325135	3.704555	86.90500	.5170441	.6815948	5.510198
#1	4.950063	7.454803	-.103906	-.000253	2.896297	10.87737	.0384066
#2	5.028139	7.399800	-.100916	-.000453	2.871657	11.02507	.0355509
#3	4.859246	7.493569	-.108594	-.001392	2.898605	10.97051	.0396128

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

Sample Name: P4979-08 Acquired: 12/14/2024 22:34:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ92 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.717065	.0742270	.0286709
Stddev	.003791	.0003456	.0040596
%RSD	.2208022	.4656478	14.15941
#1	1.714490	.0739028	.0247242
#2	1.715287	.0745907	.0328348
#3	1.721419	.0741873	.0284538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.247	29894.04	2738.178	2073.527	2528.627
Stddev	8.435	222.01	9.846	11.470	12.972
%RSD	.3482347	.7426726	.3595741	.5531687	.5130029
#1	2426.233	29909.33	2744.452	2078.166	2529.118
#2	2427.950	30108.01	2726.830	2081.951	2541.346
#3	2412.557	29664.77	2743.251	2060.464	2515.416

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

Sample Name: P4979-09 Acquired: 12/14/2024 22:38:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0695706	.0263072	.5913404	.0129609	.0228181	73.27693	.7981115
Stddev	.0057518	.0009479	.0028477	.0031522	.0024654	.25743	.0031144
%RSD	8.267562	3.603081	.4815585	24.32060	10.80460	.3513140	.3902220
#1	.0760536	.0256846	.5910031	.0112205	.0202006	72.98911	.7968864
#2	.0650795	.0258389	.5943417	.0110627	.0250963	73.35649	.7957959
#3	.0675788	.0273981	.5886765	.0165996	.0231574	73.48519	.8016521

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057044	.0049896	100.9950	.0856955	.1230529	.1462130	170.7976
Stddev	.0000581	.0000292	.1899	.0019109	.0005214	.0019360	.4306
%RSD	1.017627	.5858944	.1880581	2.229820	.4237104	1.324121	.2521059
#1	.0056385	.0049703	100.7766	.0878815	.1230920	.1440395	170.5206
#2	.0057269	.0049754	101.0871	.0843426	.1235537	.1477527	170.5785
#3	.0057479	.0050233	101.1213	.0848625	.1225131	.1468469	171.2937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.70449	35.40798	.1205810	-.004264	4.923925	.1492217	.2781145
Stddev	.06221	.22630	.0005579	.000107	.375602	.0064405	.0045837
%RSD	.3513893	.6391309	.4627167	2.507048	7.628095	4.316084	1.648148
#1	17.64749	35.19752	.1209684	-.004385	5.355614	.1552538	.2831973
#2	17.69513	35.37906	.1208331	-.004181	4.744270	.1424386	.2768516
#3	17.77086	35.64735	.1199415	-.004227	4.671889	.1499727	.2742946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.691413	5.526009	-.102497	-.000554	2.355066	9.312387	.0346221
Stddev	.127256	.022656	.004476	.000296	.019387	.059874	.0008501
%RSD	2.712539	.4099887	4.366901	53.29436	.8231909	.6429454	2.455427
#1	4.549026	5.548141	-.097469	-.000892	2.374636	9.245398	.0355835
#2	4.731160	5.527023	-.106047	-.000340	2.354694	9.331078	.0343131
#3	4.794051	5.502863	-.103974	-.000432	2.335868	9.360686	.0339698

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

Sample Name: P4979-09 Acquired: 12/14/2024 22:38:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ93 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.325946	.0033602	.0264481
Stddev	.009675	.0000822	.0037412
%RSD	.7296717	2.446596	14.14538
#1	1.318678	.0033837	.0221295
#2	1.322233	.0032688	.0287033
#3	1.336928	.0034281	.0285114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2506.042	30816.96	2791.403	2140.187	2612.280
Stddev	5.062	436.31	9.207	29.628	11.471
%RSD	.2019721	1.415814	.3298165	1.384363	.4391128
#1	2502.828	30321.36	2800.714	2106.751	2604.213
#2	2503.422	30986.34	2791.193	2150.635	2607.215
#3	2511.877	31143.18	2782.304	2163.176	2625.412

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

Sample Name: P4979-10 Acquired: 12/14/2024 22:42:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ94 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0797605	.0265417	.4877549	.0127536	.0232545	72.66107	.7851009
Stddev	.0028327	.0027797	.0026934	.0029975	.0009975	2.52349	.0305534
%RSD	3.551550	10.47301	.5522020	23.50357	4.289308	3.472963	3.891656
#1	.0827034	.0245606	.4901608	.0142403	.0233581	75.42644	.8180564
#2	.0770526	.0253453	.4882586	.0147172	.0222093	72.07372	.7795301
#3	.0795256	.0297193	.4848452	.0093033	.0241961	70.48305	.7577161

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055910	.0052237	115.3119	.0865035	.1247619	.1530817	174.2681
Stddev	.0000889	.0001742	4.2761	.0012365	.0005846	.0104997	6.3062
%RSD	1.590139	3.334819	3.708261	1.429403	.4685759	6.858916	3.618685
#1	.0056781	.0050344	120.0899	.0855476	.1250107	.1646360	181.3185
#2	.0055946	.0052596	114.0014	.0860630	.1251810	.1504854	172.3201
#3	.0055004	.0053772	111.8445	.0878999	.1240941	.1441236	169.1658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.83267	48.44513	.1361724	-.004569	4.412457	.1590444	.3478078
Stddev	.62389	1.84328	.0012960	.001105	.299008	.0076991	.0016158
%RSD	3.706420	3.804872	.9517560	24.18618	6.776451	4.840863	.4645767
#1	17.51595	50.52387	.1369562	-.003329	4.757314	.1675548	.3461367
#2	16.68873	47.80175	.1368847	-.004929	4.254554	.1525630	.3479247
#3	16.29333	47.00977	.1346765	-.005449	4.225503	.1570155	.3493621

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.073452	4.786438	-.099511	-.000026	2.381653	6.404335	.0271721
Stddev	.289938	.012409	.003051	.000196	.004776	.229517	.0025093
%RSD	5.714799	.2592535	3.065994	754.2308	.2005339	3.583773	9.234893
#1	5.408085	4.788939	-.102441	-.000250	2.379486	6.650090	.0291434
#2	4.897230	4.797406	-.099740	.000112	2.387128	6.367372	.0280256
#3	4.915041	4.772969	-.096352	.000060	2.378344	6.195542	.0243474

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

Sample Name: P4979-10 Acquired: 12/14/2024 22:42:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ94 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.137011	-.021792	.0345797
Stddev	.046560	.000941	.0037691
%RSD	4.094947	4.318285	10.89983
#1	1.187711	-.022858	.0387522
#2	1.127150	-.021077	.0335651
#3	1.096171	-.021440	.0314217

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2577.125	31770.03	2878.127	2196.894	2638.611
Stddev	2.156	90.00	98.023	7.227	4.350
%RSD	.0836650	.2832878	3.405792	.3289595	.1648645
#1	2579.598	31868.60	2771.500	2204.164	2637.675
#2	2575.640	31692.25	2898.556	2196.807	2634.805
#3	2576.137	31749.22	2964.326	2189.711	2643.353

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

Sample Name: P4979-11 Acquired: 12/14/2024 22:46:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ95 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1000792**	**.0431421**	**.4932050**	**.0212053**	**.0297387**	**76.52062**	**.9313009**
Stddev	.0038152	.0026614	.0054241	.0026589	.0017994	.28090	.0037831
%RSD	3.812224	6.168975	1.099768	12.53885	6.050688	.3670881	.4062173
#1	.0957475	.0453734	.4994122	.0212119	.0282041	76.43924	.9289040
#2	.1015500	.0438565	.4893775	.0238608	.0317191	76.83322	.9356621
#3	.1029401	.0401964	.4908252	.0185430	.0292928	76.28939	.9293365

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0056744**	**.0070065**	**100.9624**	**.0914367**	**.1588774**	**.1914867**	**198.1668**
Stddev	.0000570	.0002579	.4113	.0005192	.0008277	.0058036	.9851
%RSD	1.004593	3.681471	.4074221	.5678032	.5209692	3.030826	.4970953
#1	.0056997	.0073021	100.7863	.0920356	.1598179	.1852174	197.7987
#2	.0057143	.0068272	101.4325	.0911150	.1585541	.1966717	199.2829
#3	.0056091	.0068902	100.6685	.0911594	.1582601	.1925712	197.4187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**26.03771**	**42.23339**	**.2031372**	**-.006011**	**4.612946**	**.1564036**	**.2719259**
Stddev	.10369	.27944	.0025989	.000654	.253035	.0041229	.0012579
%RSD	.3982237	.6616627	1.279364	10.87301	5.485315	2.636047	.4625827
#1	26.01479	42.13778	.2061179	-.005883	4.539496	.1537207	.2706885
#2	26.15094	42.54809	.2019475	-.005431	4.894580	.1543393	.2718860
#3	25.94740	42.01431	.2013461	-.006720	4.404762	.1611509	.2732033

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.109694**	**6.478796**	**-.108648**	**-.000821**	**2.864893**	**7.564518**	**.0266239**
Stddev	.082383	.061215	.001338	.000337	.023468	.046805	.0023695
%RSD	1.348402	.9448440	1.231844	41.01232	.8191453	.6187413	8.899808
#1	6.053197	6.548921	-.109179	-.000991	2.891554	7.547661	.0292673
#2	6.204222	6.436049	-.107126	-.000433	2.847367	7.617416	.0259136
#3	6.071662	6.451418	-.109641	-.001038	2.855757	7.528476	.0246908

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

Sample Name: P4979-11 Acquired: 12/14/2024 22:46:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ95 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8494748	-.058344	.0388205
Stddev	.0065062	.000523	.0020625
%RSD	.7659078	.8957739	5.312864
#1	.8479495	-.057897	.0389311
#2	.8566081	-.058918	.0367050
#3	.8438667	-.058216	.0408255

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2939.290	36138.59	3292.625	2510.397	2594.503
Stddev	27.454	146.82	16.441	5.123	31.071
%RSD	.9340322	.4062602	.4993368	.2040598	1.197564
#1	2907.687	35971.33	3290.948	2504.510	2558.706
#2	2957.243	36198.27	3277.086	2513.839	2614.482
#3	2952.940	36246.16	3309.840	2512.842	2610.322

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

Sample Name: P4979-12 Acquired: 12/14/2024 22:50:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747393	.0359201	.9926637	.0041035	.0168908	68.38502	.6329504
Stddev	.0035102	.0056682	.0011086	.0031472	.0009344	.17737	.0018694
%RSD	4.696600	15.77987	.1116770	76.69702	5.532148	.2593693	.2953516
#1	.0710430	.0337959	.9922573	.0004911	.0172220	68.18092	.6308058
#2	.0751473	.0423436	.9939181	.0055662	.0158358	68.50182	.6338102
#3	.0780278	.0316210	.9918156	.0062531	.0176144	68.47232	.6342353

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049385	.0055516	300.7813	.0870435	.1380333	.2111320	165.0956
Stddev	.0000376	.0000935	.4992	.0000182	.0003364	.0058253	.4835
%RSD	.7605663	1.683568	.1659772	.0208655	.2437076	2.759081	.2928457
#1	.0049715	.0056488	300.2432	.0870229	.1384218	.2093637	164.5524
#2	.0048976	.0054624	301.2294	.0870500	.1378380	.2176365	165.4788
#3	.0049464	.0055437	300.8712	.0870575	.1378402	.2063957	165.2556

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.37518	127.6068	.1874086	-.004601	3.873905	.1345089	.4020920
Stddev	.06378	.4247	.0000347	.000405	.421356	.0060186	.0021142
%RSD	.3670600	.3328389	.0185197	8.800732	10.87679	4.474498	.5258054
#1	17.30618	127.1259	.1874486	-.005011	3.785414	.1363381	.4007366
#2	17.43196	127.9305	.1873898	-.004590	4.332478	.1277879	.4045282
#3	17.38741	127.7641	.1873873	-.004201	3.503821	.1394007	.4010114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.316837	7.669991	-.081566	-.002725	5.768304	8.420734	.0268325
Stddev	.062106	.026763	.003557	.000136	.019216	.067968	.0011526
%RSD	.8488136	.3489311	4.361166	4.977445	.3331270	.8071510	4.295523
#1	7.283483	7.699327	-.080291	-.002571	5.770735	8.361263	.0275880
#2	7.278533	7.663739	-.078822	-.002776	5.786188	8.406118	.0274036
#3	7.388494	7.646908	-.085585	-.002827	5.747988	8.494821	.0255058

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

Sample Name: P4979-12 Acquired: 12/14/2024 22:50:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8602778	.0651106	.0644958
Stddev	.0037683	.0006772	.0024506
%RSD	.4380320	1.040007	3.799660
#1	.8595942	.0643289	.0672256
#2	.8643411	.0654856	.0624853
#3	.8568981	.0655174	.0637766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.494	30535.69	2820.577	2114.264	2447.234
Stddev	10.017	134.51	10.943	9.605	12.833
%RSD	.4057824	.4404868	.3879743	.4543094	.5243813
#1	2456.934	30492.54	2830.302	2108.431	2432.417
#2	2474.591	30428.05	2822.701	2109.010	2454.484
#3	2473.959	30686.47	2808.727	2125.350	2454.801

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

Sample Name: P4979-13 Acquired: 12/14/2024 22:53:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1316589**	**.0340814**	**.7120179**	**.0177668**	**.0225605**	**76.06604**	**.9390336**
Stddev	.0047687	.0018934	.0063337	.0021330	.0014502	.24921	.0021094
%RSD	3.622015	5.555586	.8895367	12.00547	6.428282	.3276174	.2246339
#1	.1351713	.0319154	.7118461	.0194768	.0229726	75.78116	.9367104
#2	.1335754	.0349066	.7184357	.0153767	.0209487	76.17332	.9408289
#3	.1262301	.0354222	.7057719	.0184469	.0237600	76.24363	.9395616

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0054394**	**.0076181**	**171.1864**	**.0968381**	**.1148302**	**.3078892**	**175.9342**
Stddev	.0001146	.0000944	.2988	.0011450	.0004978	.0020011	.2777
%RSD	2.107715	1.239193	.1745615	1.182425	.4334892	.6499545	.1578612
#1	.0055647	.0075739	170.8454	.0964830	.1142842	.3059999	175.6533
#2	.0054140	.0077265	171.3116	.0959126	.1152587	.3076817	176.2087
#3	.0053397	.0075539	171.4023	.0981186	.1149477	.3099860	175.9406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**19.46372**	**35.08393**	**.1909937**	**-.004981**	**.6375908**	**.1517776**	**.6887434**
Stddev	.04654	.07230	.0026348	.000171	.0788531	.0055360	.0060321
%RSD	.2391050	.2060830	1.379499	3.426470	12.36736	3.647473	.8758133
#1	19.41867	35.16598	.1931556	-.005042	.5959751	.1503089	.6929178
#2	19.51162	35.05624	.1917666	-.004788	.7285336	.1471240	.6914851
#3	19.46088	35.02956	.1880590	-.005113	.5882636	.1578999	.6818275

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.204051**	**9.419212**	**-.087549**	**.0085600**	**2.001399**	**9.422490**	**.0399678**
Stddev	.083420	.047792	.004355	.0001166	.010061	.045339	.0018509
%RSD	1.602973	.5073921	4.974843	1.362645	.5026888	.4811798	4.630910
#1	5.198594	9.441688	-.090199	.0086937	2.003597	9.411882	.0381798
#2	5.290066	9.451623	-.089926	.0085075	2.010180	9.472193	.0418757
#3	5.123494	9.364325	-.082522	.0084789	1.990422	9.383396	.0398479

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

Sample Name: P4979-13 Acquired: 12/14/2024 22:53:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8089108	.0758813	.0931159
Stddev	.0046592	.0003713	.0050063
%RSD	.5759878	.4893239	5.376459
#1	.8097864	.0755861	.0929309
#2	.8130700	.0762981	.0982122
#3	.8038758	.0757596	.0882047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2453.522	30234.23	2756.615	2106.784	2609.611
Stddev	11.320	138.20	5.889	8.937	13.018
%RSD	.4613684	.4570850	.2136175	.4242175	.4988354
#1	2455.916	30133.55	2754.086	2100.184	2609.839
#2	2441.196	30391.79	2752.414	2116.955	2596.482
#3	2463.452	30177.35	2763.346	2103.213	2622.514

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

Sample Name: P4979-14 Acquired: 12/14/2024 22:57:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0743435**	**.0499924**	**.4578630**	**-.018585**	**.0112410**	**47.92666**
Stddev	.0054489	.0026166	.0012191	.002068	.0026558	.05058
%RSD	7.329358	5.234083	.2662649	11.12878	23.62550	.1055372
#1	.0762263	.0505904	.4564816	-.017974	.0133479	47.90632
#2	.0786013	.0522583	.4583190	-.016892	.0082579	47.98425
#3	.0682029	.0471285	.4587884	-.020891	.0121173	47.88942

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7989732**	**.0037444**	**.0055555**	F **1015.251**	**.0860096**	**.1129935**
Stddev	.0014452	.0001459	.0001382	1.569	.0007606	.0005542
%RSD	.1808849	3.897471	2.487344	.1545690	.8843431	.4904631
#1	.7997130	.0037028	.0055684	1013.455	.0867688	.1130379
#2	.7973079	.0036237	.0054113	1015.946	.0860126	.1135242
#3	.7998988	.0039066	.0056868	1016.353	.0852475	.1124185

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3736120**	**139.2301**	**21.86217**	**33.49411**	**.1489200**	**-.003109**
Stddev	.0051824	.0763	.02232	.04373	.0004703	.000645
%RSD	1.387096	.0547724	.1020816	.1305555	.3158037	20.75354
#1	.3686476	139.3114	21.88765	33.49459	.1494339	-.003100
#2	.3789878	139.2189	21.85273	33.53760	.1485110	-.002468
#3	.3732006	139.1601	21.84612	33.45015	.1488152	-.003758

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2399421**	**.1162508**	**.4345010**	**4.556423**	**9.079598**	**-.060159**
Stddev	.2292101	.0047893	.0054428	.068954	.029961	.002354
%RSD	95.52723	4.119799	1.252646	1.513334	.3299819	3.913599
#1	.4993326	.1195006	.4282877	4.525047	9.048767	-.062876
#2	.0646980	.1185009	.4367891	4.508738	9.081421	-.058709
#3	.1557958	.1107508	.4384262	4.635486	9.108606	-.058893

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

Sample Name: P4979-14 Acquired: 12/14/2024 22:57:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088277	1.682176	9.569404	.0311969	.6544275	.6225743
Stddev	.0005009	.011122	.012755	.0011497	.0007256	.0003459
%RSD	5.674080	.6611548	.1332895	3.685140	.1108678	.0555588
#1	.0090711	1.672499	9.578773	.0305638	.6537822	.6223249
#2	.0091604	1.694326	9.574561	.0325239	.6552129	.6229691
#3	.0082516	1.679702	9.554878	.0305029	.6542875	.6224287

Elem	Li6707
Units	ppm
Avg	.0396205
Stddev	.0016357
%RSD	4.128281
#1	.0399153
#2	.0410888
#3	.0378575

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2270.485	27937.14	2637.053	1941.240	2361.405
Stddev	3.131	57.81	4.467	5.118	5.190
%RSD	.1378813	.2069296	.1693767	.2636256	.2197988
#1	2271.505	27870.56	2634.161	1947.149	2365.129
#2	2272.978	27974.52	2642.197	1938.236	2363.609
#3	2266.971	27966.36	2634.802	1938.335	2355.476

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

Sample Name: P4979-15 Acquired: 12/14/2024 23:01:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617396	.0583036	.3780000	-.025009	.0091041	34.32990
Stddev	.0023061	.0051501	.0023433	.004275	.0015902	.20897
%RSD	3.735131	8.833176	.6199271	17.09240	17.46656	.6086994
#1	.0592195	.0611296	.3807037	-.027832	.0107574	34.11276
#2	.0622549	.0523592	.3767404	-.027104	.0089694	34.34735
#3	.0637444	.0614220	.3765558	-.020091	.0075856	34.52960

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7731655	.0028986	.0057004	F 1853.684	.1683892	.1080791
Stddev	.0046033	.0002836	.0000961	16.363	.0003534	.0009948
%RSD	.5953893	9.784291	1.686543	.8827067	.2098698	.9204221
#1	.7678636	.0031634	.0057892	1852.437	.1679965	.1077278
#2	.7754873	.0025993	.0055983	1870.635	.1684895	.1073076
#3	.7761456	.0029331	.0057137	1837.981	.1686817	.1092018

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2996418	158.3409	26.25233	29.28545	.1285874	-.003124
Stddev	.0078819	.6859	.10380	.31707	.0018468	.000224
%RSD	2.630449	.4331858	.3954099	1.082703	1.436208	7.186822
#1	.2911451	157.6752	26.14386	28.96414	.1304086	-.003382
#2	.3010655	158.3022	26.26240	29.29412	.1267161	-.002974
#3	.3067149	159.0454	26.35074	29.59811	.1286375	-.003015

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.135757	.0948486	.3656384	3.727256	7.446462	-.074374
Stddev	.554172	.0074254	.0032181	.117570	.007801	.001357
%RSD	48.79315	7.828669	.8801173	3.154325	.1047606	1.824864
#1	.677778	.0909977	.3693525	3.860724	7.438125	-.074076
#2	.977710	.1034084	.3638785	3.682024	7.447675	-.075855
#3	1.751784	.0901398	.3636840	3.639020	7.453585	-.073190

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

Sample Name: P4979-15 Acquired: 12/14/2024 23:01:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088128	1.430651	9.644058	.0365194	.3984845	1.036175
Stddev	.0002269	.000458	.024564	.0028934	.0006304	.004617
%RSD	2.574784	.0320473	.2547074	7.922945	.1581859	.4456114
#1	.0090511	1.430624	9.624535	.0351861	.3991726	1.031166
#2	.0085994	1.430206	9.636001	.0398391	.3983458	1.037096
#3	.0087880	1.431122	9.671639	.0345331	.3979351	1.040262

Elem	Li6707
Units	ppm
Avg	.0249276
Stddev	.0048777
%RSD	19.56742
#1	.0246154
#2	.0202134
#3	.0299538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2157.244	26630.08	2565.930	1850.197	2226.853
Stddev	2.578	18.66	2.801	6.058	4.602
%RSD	.1195036	.0700641	.1091649	.3274502	.2066383
#1	2159.887	26633.79	2564.857	1843.594	2228.796
#2	2157.108	26609.85	2563.824	1851.497	2230.164
#3	2154.736	26646.61	2569.109	1855.500	2221.599

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

Sample Name: P4979-16 Acquired: 12/14/2024 23:05:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0625653**	**.0550963**	**.2224420**	**-.027470**	**.0040650**	**26.38547**
Stddev	.0024972	.0001312	.0037739	.007102	.0028116	.54501
%RSD	3.991317	.2380877	1.696562	25.85369	69.16778	2.065555
#1	.0654396	.0550586	.2264933	-.028548	.0047289	26.98890
#2	.0609296	.0552423	.2190263	-.019891	.0064852	25.92905
#3	.0613265	.0549882	.2218064	-.033971	.0009808	26.23845

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6753991**	**.0022174**	**.0035230**	F **1806.692**	**.0467694**	**.1081879**
Stddev	.0130677	.0002065	.0001596	35.479	.0002501	.0002443
%RSD	1.934818	9.311399	4.530691	1.963732	.5347359	.2258010
#1	.6894066	.0024469	.0034349	1843.244	.0467583	.1079908
#2	.6635365	.0021586	.0037073	1772.394	.0470249	.1084613
#3	.6732543	.0020467	.0034269	1804.437	.0465250	.1081117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2741674**	**133.7776**	**23.34254**	**29.06275**	**.1005192**	**-.003353**
Stddev	.0122553	2.4754	.44391	.43142	.0011752	.000468
%RSD	4.469997	1.850388	1.901733	1.484428	1.169116	13.95320
#1	.2804179	136.5371	23.82557	29.50774	.1014058	-.003612
#2	.2600471	131.7525	22.95248	28.64633	.1009656	-.003633
#3	.2820371	133.0433	23.24957	29.03419	.0991863	-.002813

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8742287**	**.0633300**	**.2204034**	**2.710508**	**6.796387**	**-.066261**
Stddev	.6537705	.0039981	.0066460	.095566	.015747	.001269
%RSD	74.78255	6.313176	3.015369	3.525766	.2316996	1.914846
#1	.2444198	.0673547	.2170026	2.814965	6.801997	-.066539
#2	.8286870	.0593589	.2280615	2.689091	6.778603	-.067368
#3	1.549579	.0632764	.2161460	2.627467	6.808561	-.064876

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

Sample Name: P4979-16 Acquired: 12/14/2024 23:05:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053654	1.240036	9.435853	.0224161	.2841073	.9459506
Stddev	.0008446	.013943	.137262	.0027321	.0060733	.0193760
%RSD	15.74164	1.124409	1.454687	12.18797	2.137678	2.048308
#1	.0044795	1.230702	9.565686	.0222296	.2907806	.9663397
#2	.0061616	1.233342	9.292206	.0252366	.2789039	.9277784
#3	.0054550	1.256064	9.449665	.0197820	.2826374	.9437337

Elem	Li6707
Units	ppm
Avg	.0179999
Stddev	.0036122
%RSD	20.06807
#1	.0211947
#2	.0140802
#3	.0187249

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.148	25850.74	2443.315	1792.416	2257.716
Stddev	2.833	96.05	44.628	6.436	3.402
%RSD	.1351591	.3715676	1.826540	.3590538	.1506901
#1	2097.333	25921.37	2399.372	1799.686	2260.380
#2	2098.196	25889.50	2488.598	1790.114	2258.885
#3	2092.914	25741.37	2441.976	1787.448	2253.884

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

Sample Name: P4979-17 Acquired: 12/14/2024 23:09:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0354315**	**.0380267**	**.5383946**	**-.035875**	**-.004379**	**22.70282**
Stddev	.0023423	.0058601	.0027164	.003882	.001698	.20118
%RSD	6.610729	15.41049	.5045362	10.81980	38.78332	.8861571
#1	.0352354	.0358977	.5388657	-.039903	-.004639	22.51274
#2	.0378658	.0446537	.5354734	-.035563	-.005932	22.68219
#3	.0331935	.0335288	.5408446	-.032159	-.002565	22.91352

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3856039**	**.0023463**	**.0143826**	F **1623.765**	**.0454134**	**.0833633**
Stddev	.0043368	.0002058	.0001241	5.454	.0017337	.0007886
%RSD	1.124664	8.773062	.8630593	.3359166	3.817617	.9459467
#1	.3811440	.0025499	.0143114	1629.281	.0435309	.0842727
#2	.3858618	.0021383	.0143106	1618.374	.0457650	.0829481
#3	.3898060	.0023508	.0145260	1623.641	.0469444	.0828690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2654087**	**104.5911**	**10.14869**	**796.4405**	**.0872863**	**-.000662**
Stddev	.0131690	.6152	.07748	5.5290	.0011558	.001265
%RSD	4.961788	.5881934	.7634112	.6942090	1.324141	191.1333
#1	.2800937	103.9893	10.06605	790.5427	.0859923	.000791
#2	.2614847	104.5651	10.16033	797.2725	.0876504	-.001256
#3	.2546477	105.2189	10.21969	801.5063	.0882162	-.001520

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.077414**	**.0520496**	**2.111781**	**5.757904**	**2.249882**	**.0090275**
Stddev	.404144	.0098245	.013103	.022044	.001861	.0022924
%RSD	13.13258	18.87525	.6204700	.3828452	.0827182	25.39380
#1	2.656472	.0487416	2.099564	5.734571	2.247953	.0085660
#2	3.113420	.0631011	2.125619	5.778381	2.250026	.0115155
#3	3.462350	.0443060	2.110161	5.760760	2.251666	.0070009

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

Sample Name: P4979-17 Acquired: 12/14/2024 23:09:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004416**	**23.34755**	**9.766041**	**.0624527**	**.3722662**	**.7183558**
Stddev	.000556	.05559	.071984	.0017499	.0053977	.0046694
%RSD	12.58188	.2381055	.7370818	2.802001	1.449969	.6500176
#1	-.005008	23.40391	9.707895	.0630628	.3668924	.7135016
#2	-.004333	23.29276	9.743675	.0638159	.3722185	.7187504
#3	-.003906	23.34597	9.846553	.0604794	.3776876	.7228154

Elem	Li6707
Units	ppm
Avg	**.0303554**
Stddev	.0054058
%RSD	17.80846
#1	.0345783
#2	.0322250
#3	.0242630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1842.927**	**22826.20**	**2202.439**	**1557.676**	**2101.658**
Stddev	3.244	25.79	11.124	3.220	6.196
%RSD	.1760220	.1129763	.5050725	.2067111	.2948070
#1	1840.940	22839.30	2209.508	1557.115	2095.316
#2	1846.670	22842.81	2208.193	1561.139	2107.696
#3	1841.171	22796.49	2189.617	1554.773	2101.962

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

Sample Name: P4979-18 Acquired: 12/14/2024 23:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0315352	.0199730	.2066988	-.008582	.0168518	76.78135	.5294190
Stddev	.0012487	.0030451	.0055324	.005452	.0026455	1.56287	.0124324
%RSD	3.959540	15.24592	2.676555	63.52669	15.69891	2.035485	2.348305
#1	.0322113	.0210519	.2064338	-.007998	.0198910	75.22067	.5168043
#2	.0323000	.0223316	.2013036	-.003445	.0150652	76.77698	.5297920
#3	.0300943	.0165353	.2123589	-.014302	.0155991	78.34641	.5416606

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049218	.0055292	294.9224	.0971410	.1200786	.1248606	147.0187
Stddev	.0001679	.0000631	5.4767	.0007565	.0009012	.0024223	2.6105
%RSD	3.411159	1.140278	1.857005	.7787946	.7504961	1.940027	1.775637
#1	.0047301	.0054611	289.6332	.0965423	.1205348	.1239626	144.4021
#2	.0050428	.0055410	294.5648	.0968895	.1190405	.1230154	147.0309
#3	.0049924	.0055855	300.5691	.0979913	.1206606	.1276037	149.6231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.466563	152.8018	.1882841	-.005360	4.967602	.1463742	.5216209
Stddev	.146118	3.1011	.0016661	.000204	.397382	.0108674	.0020064
%RSD	1.956961	2.029516	.8848950	3.805114	7.999481	7.424378	.3846411
#1	7.319301	149.7303	.1896621	-.005257	4.563005	.1345867	.5219756
#2	7.468879	152.7433	.1864324	-.005228	5.357354	.1559950	.5194608
#3	7.611509	155.9318	.1887578	-.005594	4.982449	.1485410	.5234262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.304596	6.630223	-.077040	-.003116	4.143691	9.566643	.0407179
Stddev	.346776	.041701	.002417	.000249	.017543	.136547	.0007808
%RSD	8.055947	.6289571	3.137763	8.003804	.4233747	1.427323	1.917512
#1	3.918129	6.661111	-.074914	-.002947	4.154536	9.411055	.0399265
#2	4.407077	6.582788	-.079669	-.003402	4.123451	9.622318	.0407395
#3	4.588582	6.646770	-.076538	-.002998	4.153086	9.666557	.0414876

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

Sample Name: P4979-18 Acquired: 12/14/2024 23:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.249235	.2294399	.0983393
Stddev	.024448	.0045716	.0045737
%RSD	1.956999	1.992487	4.650913
#1	1.227285	.2246710	.0939613
#2	1.244838	.2298641	.1030863
#3	1.275583	.2337846	.0979704

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2264.702	27851.22	2598.493	1927.892	2450.632
Stddev	14.538	56.33	45.868	4.976	17.004
%RSD	.6419407	.2022692	1.765183	.2581013	.6938420
#1	2247.933	27839.54	2648.605	1928.026	2430.999
#2	2272.394	27912.48	2588.287	1932.800	2460.530
#3	2273.777	27801.65	2558.589	1922.851	2460.369

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

Sample Name: P4979-19 Acquired: 12/14/2024 23:17:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284414	.0121227	.0923149	.0077961	.0226348	81.31275	.5079346
Stddev	.0042654	.0019697	.0005561	.0028887	.0017783	.24766	.0033124
%RSD	14.99727	16.24818	.6023973	37.05274	7.856326	.3045728	.6521400
#1	.0325173	.0112059	.0926085	.0066170	.0228920	81.30013	.5092961
#2	.0287981	.0107784	.0926626	.0056834	.0242705	81.07164	.5041583
#3	.0240088	.0143837	.0916735	.0110878	.0207420	81.56647	.5103493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052852	.0028167	77.04928	.1261318	.1101906	.0556958	150.2183
Stddev	.0000748	.0000723	.33711	.0013639	.0004496	.0090055	.5051
%RSD	1.414840	2.567768	.4375265	1.081325	.4079768	16.16910	.3362576
#1	.0053450	.0027334	77.34215	.1252913	.1099742	.0488964	150.6594
#2	.0053093	.0028526	76.68078	.1277055	.1107074	.0659092	149.6673
#3	.0052014	.0028640	77.12492	.1253988	.1098901	.0522819	150.3281

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.309173	53.30160	.1992365	-.005415	2.870185	.1577342	.2432337
Stddev	.025073	.26130	.0006920	.000677	.268889	.0046617	.0077506
%RSD	.3974083	.4902329	.3473083	12.50490	9.368336	2.955404	3.186498
#1	6.306944	53.50976	.1996944	-.005610	3.180349	.1589987	.2476283
#2	6.285288	53.00836	.1995747	-.005974	2.727334	.1616332	.2477882
#3	6.335286	53.38668	.1984405	-.004662	2.702871	.1525707	.2342845

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.658567	7.037212	-.092440	-.001781	1.445043	9.748852	.0201404
Stddev	.067549	.029548	.004414	.000418	.010796	.035582	.0019511
%RSD	1.846315	.4198856	4.774586	23.49223	.7471060	.3649858	9.687269
#1	3.736454	7.007895	-.087345	-.001817	1.433418	9.789922	.0179475
#2	3.616019	7.066986	-.094871	-.001346	1.454754	9.729351	.0207899
#3	3.623228	7.036755	-.095104	-.002180	1.446956	9.727284	.0216839

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

Sample Name: P4979-19 Acquired: 12/14/2024 23:17:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.314202	.0591300	.0982726
Stddev	.006075	.0004147	.0024588
%RSD	.4622219	.7013634	2.502053
#1	1.319174	.0590334	.0956141
#2	1.307431	.0587721	.1004650
#3	1.316001	.0595845	.0987386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.110	29036.65	2629.669	2014.510	2615.070
Stddev	3.651	150.86	5.843	8.304	6.641
%RSD	.1550910	.5195620	.2222057	.4122175	.2539401
#1	2352.241	29197.12	2623.148	2023.897	2614.104
#2	2351.771	29015.15	2634.429	2011.511	2608.966
#3	2358.317	28897.70	2631.430	2008.122	2622.142

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

Sample Name: CCV022 Acquired: 12/14/2024 23:21:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.978202**	**5.239605**	**24.34887**	**4.682635**	**4.771814**	**431.0770**	**10.88609**
Stddev	.005869	.063736	.33930	.077420	.082557	.9839	.02663
%RSD	.1179033	1.216418	1.393513	1.653345	1.730100	.2282312	.2446057
#1	4.977029	5.262757	24.55593	4.720639	4.821253	430.4805	10.87490
#2	4.984570	5.288529	24.53339	4.733710	4.817681	430.5378	10.86688
#3	4.973008	5.167530	23.95729	4.593557	4.676507	432.2125	10.91649

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4860416**	**2.422891**	**421.7579**	**14.94350**	**2.319357**	**15.66416**	**426.7454**
Stddev	.0007121	.034148	.6617	.08779	.033687	.02136	.7830
%RSD	.1465083	1.409383	.1568990	.5874903	1.452430	.1363896	.1834836
#1	.4864201	2.443029	421.1205	14.84291	2.340480	15.64075	426.5762
#2	.4852202	2.442181	421.7117	14.98290	2.337082	15.66913	426.0608
#3	.4864846	2.383464	422.4415	15.00469	2.280508	15.68261	427.5992

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.60599**	**395.0703**	**2.404188**	**1.273609**	**415.9461**	**2.586469**	**13.61807**
Stddev	.04578	.4470	.034574	.007830	.4854	.012062	.15490
%RSD	.2933388	.1131544	1.438087	.6148185	.1167023	.4663346	1.137439
#1	15.58193	394.9867	2.426277	1.264614	415.4907	2.580350	13.44279
#2	15.57725	394.6710	2.421945	1.278905	415.8906	2.578694	13.67487
#3	15.65878	395.5533	2.364344	1.277308	416.4568	2.600364	13.73655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**155.9440**	**4.885805**	**4.731283**	**4.978522**	**4.769927**	**5.096323**	**5.006223**
Stddev	.3738	.076471	.009138	.074391	.072404	.015235	.070933
%RSD	.2397085	1.565173	.1931333	1.494236	1.517931	.2989464	1.416902
#1	156.0119	4.927013	4.726023	5.021923	4.815151	5.087475	5.046522
#2	155.5409	4.932835	4.725992	5.021018	4.808212	5.087580	5.047828
#3	156.2792	4.797568	4.741834	4.892624	4.686418	5.113915	4.924320

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

Sample Name: CCV022 Acquired: 12/14/2024 23:21:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV022 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.297336	4.853031	5.344876
Stddev	.005023	.012195	.014787
%RSD	.0948286	.2512812	.2766626
#1	5.295495	4.852455	5.334823
#2	5.293494	4.841135	5.337949
#3	5.303021	4.865504	5.361855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1631.737	21820.97	2094.576	1445.023	2244.751
Stddev	23.454	115.65	10.128	16.843	30.202
%RSD	1.437378	.5299844	.4835337	1.165557	1.345439
#1	1616.242	21946.22	2091.853	1463.681	2224.136
#2	1620.249	21798.45	2105.787	1440.449	2230.698
#3	1658.720	21718.24	2086.088	1430.941	2279.418

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

Sample Name: CCB022 Acquired: 12/14/2024 23:28:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	-.001418	.0022616	.0027634	-.001734	.1316822
Stddev	.003413	.003072	.0014934	.0017517	.001529	.0275564
%RSD	21357.51	216.6507	66.03524	63.38883	88.16943	20.92643
#1	-.000811	.001115	.0039793	.0025795	-.000616	.1096003
#2	-.002962	-.000534	.0012707	.0045997	-.001109	.1625637
#3	.003725	-.004835	.0015348	.0011109	-.003476	.1228827

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004121	-.000096	-.000182	-.030250	.0001505	-.000257
Stddev	.001329	.000108	.000025	.040881	.0004596	.000452
%RSD	32.24186	113.2813	13.59742	135.1430	305.3058	175.9382
#1	-.003571	-.000216	-.000157	-.035169	.0002794	-.000178
#2	-.003155	-.000065	-.000206	-.068450	-.000360	.000150
#3	-.005636	-.000006	-.000181	.012868	.000532	-.000743

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008341	-.027146	.0001794	.0174359	-.001155	.0019382
Stddev	.002065	.041028	.0003061	.0115624	.000414	.0008751
%RSD	24.75394	151.1384	170.6109	66.31352	35.87420	45.14808
#1	-.008823	-.001016	.0003813	.0142718	-.000699	.0012020
#2	-.006077	-.005988	-.000173	.0302509	-.001257	.0029057
#3	-.010121	-.074434	.000330	.0077849	-.001509	.0017070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4958106	-.000038	.0044881	.0742938	-.001561	-.011210
Stddev	.9843581	.005979	.0071826	.0619729	.002819	.002199
%RSD	198.5351	15705.99	160.0389	83.41594	180.5718	19.62059
#1	1.157310	.006349	.0111010	.1243156	-.003233	-.012898
#2	.965545	-.005501	-.003153	.0049658	-.003143	-.012009
#3	-.635423	-.000963	.005517	.0936001	.001693	-.008723

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

Sample Name: CCB022 Acquired: 12/14/2024 23:28:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB022 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006351	-.007129	-.038421	-.000783	-.002400	-.000095
Stddev	.0000596	.001780	.000370	.001238	.002533	.000116
%RSD	9.385170	24.96208	.9618594	158.1343	105.5680	122.2361
#1	.0006095	-.007101	-.038024	.000647	-.002441	.000016
#2	.0007033	-.005364	-.038485	-.001498	-.004912	-.000216
#3	.0005926	-.008922	-.038755	-.001498	.000154	-.000084

Elem	Li6707
Units	ppm
Avg	F -.031169
Stddev	.003011
%RSD	9.661032
#1	-.032953
#2	-.032862
#3	-.027692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2002.015	24591.50	2178.524	1718.892	2822.282
Stddev	23.971	244.81	5.257	23.412	32.265
%RSD	1.197327	.9955085	.2413173	1.362043	1.143240
#1	2018.793	24600.24	2183.692	1724.263	2846.085
#2	2012.691	24342.44	2173.182	1693.261	2835.202
#3	1974.561	24831.83	2178.698	1739.152	2785.559

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

Sample Name: P4979-20 Acquired: 12/14/2024 23:32:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299993	-.003199	.1093024	.0217954	.0344882	111.1193	.7311721
Stddev	.0034433	.001401	.0012586	.0037981	.0026858	.6380	.0028339
%RSD	11.47799	43.78516	1.151500	17.42609	7.787557	.5741557	.3875800
#1	.0265998	-.003398	.1079159	.0182769	.0374498	111.1051	.7303093
#2	.0334848	-.004490	.1103730	.0258219	.0338042	110.4885	.7288700
#3	.0299132	-.001710	.1096182	.0212872	.0322105	111.7643	.7343371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075076	.0031183	38.32830	.1258170	.1441186	.0596293	191.5376
Stddev	.0000784	.0000929	.16843	.0005348	.0002571	.0041267	.9862
%RSD	1.044652	2.978279	.4394514	.4250528	.1783708	6.920667	.5148778
#1	.0075902	.0030527	38.37618	.1254524	.1439038	.0596770	191.5527
#2	.0074985	.0030777	38.14111	.1264309	.1440487	.0554789	190.5439
#3	.0074342	.0032246	38.46762	.1255678	.1444035	.0637320	192.5161

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.421315	41.71079	.2267440	-.008402	2.833880	.2100895	.2556043
Stddev	.040135	.15256	.0005154	.000802	.134949	.0071189	.0059244
%RSD	.6250305	.3657537	.2272852	9.548977	4.761989	3.388525	2.317813
#1	6.410613	41.61683	.2267937	-.007922	2.975184	.2074483	.2592271
#2	6.387615	41.62873	.2272326	-.009329	2.706341	.2181515	.2588183
#3	6.465716	41.88682	.2262055	-.007956	2.820114	.2046686	.2487674

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.980840	6.337672	-.122759	.0000192	.9506521	9.745870	.0249434
Stddev	.014240	.018595	.002753	.0006607	.0065906	.077532	.0004461
%RSD	.2858994	.2934040	2.242763	3450.307	.6932683	.7955396	1.788352
#1	4.996848	6.323141	-.122931	-.000169	.9554570	9.766975	.0249604
#2	4.969582	6.331247	-.119924	.000753	.9431388	9.659970	.0253808
#3	4.976091	6.358627	-.125423	-.000527	.9533604	9.810664	.0244891

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

Sample Name: P4979-20 Acquired: 12/14/2024 23:32:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.635447	-.015326	.1264042
Stddev	.009629	.000399	.0013381
%RSD	.5887533	2.604372	1.058581
#1	1.632172	-.015046	.1277376
#2	1.627883	-.015150	.1250614
#3	1.646286	-.015783	.1264137

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2415.206	29618.30	2683.175	2064.701	2658.073
Stddev	3.504	63.89	16.148	6.259	5.111
%RSD	.1450993	.2157030	.6018084	.3031375	.1922828
#1	2412.289	29690.09	2690.176	2071.881	2655.149
#2	2419.093	29597.13	2694.641	2060.395	2663.974
#3	2414.235	29567.69	2664.709	2061.828	2655.094

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

Sample Name: P4979-21 Acquired: 12/14/2024 23:36:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0694169	.0145423	.7779167	.0110909	.0268456	94.50763	.9749519
Stddev	.0017599	.0044690	.0013950	.0012315	.0016215	.48921	.0043588
%RSD	2.535262	30.73076	.1793296	11.10353	6.040214	.5176422	.4470773
#1	.0679891	.0180298	.7782594	.0119185	.0280880	94.20536	.9719800
#2	.0688785	.0160923	.7763823	.0096757	.0250113	94.24548	.9729200
#3	.0713831	.0095047	.7791085	.0116786	.0274375	95.07205	.9799556

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068793	.0061143	132.7729	.1153379	.1214040	.1548047	195.3529
Stddev	.0001298	.0000327	.3796	.0009389	.0002471	.0064906	.9191
%RSD	1.886690	.5350333	.2858836	.8140184	.2035154	4.192787	.4704980
#1	.0070247	.0061495	132.6618	.1160817	.1216638	.1484933	194.7264
#2	.0067750	.0060848	132.4612	.1156490	.1211720	.1614608	194.9242
#3	.0068382	.0061085	133.1956	.1142829	.1213762	.1544600	196.4081

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.150620	48.96528	.2029784	-.007556	2.902323	.2030959	.5880209
Stddev	.043778	.16564	.0006489	.000212	.258615	.0033359	.0095653
%RSD	.4784199	.3382882	.3197031	2.805202	8.910606	1.642528	1.626698
#1	9.109030	48.84012	.2037240	-.007312	2.610678	.2000002	.5834460
#2	9.146532	48.90260	.2026709	-.007662	2.992564	.2026585	.5816021
#3	9.196300	49.15312	.2025404	-.007694	3.103725	.2066289	.5990145

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.084371	7.495996	-.107463	-.000468	1.667966	10.56146	.0466097
Stddev	.109716	.010566	.002886	.000811	.009512	.06179	.0025807
%RSD	2.157915	.1409617	2.685491	173.4957	.5702721	.5850725	5.536912
#1	4.969062	7.488577	-.104712	.000075	1.669403	10.49313	.0477776
#2	5.187475	7.491318	-.110467	-.001401	1.657818	10.57781	.0436514
#3	5.096575	7.508095	-.107210	-.000077	1.676678	10.61343	.0484000

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

Sample Name: P4979-21 Acquired: 12/14/2024 23:36:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.619015	.0632468	.0926626
Stddev	.005083	.0008536	.0040728
%RSD	.3139427	1.349712	4.395297
#1	1.615965	.0623273	.0888034
#2	1.616196	.0633989	.0969198
#3	1.624882	.0640142	.0922647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2295.544	28195.86	2583.421	1964.589	2615.041
Stddev	4.674	22.12	12.392	3.863	7.707
%RSD	.2036007	.0784496	.4796703	.1966471	.2947255
#1	2290.556	28207.42	2597.652	1960.605	2606.149
#2	2299.822	28209.82	2577.590	1964.841	2619.816
#3	2296.254	28170.36	2575.019	1968.319	2619.157

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

Sample Name: P4979-22 Acquired: 12/14/2024 23:40:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1237961	.0352822	1.503838	.0039675	.0175815	56.99146
Stddev	.0015499	.0014997	.003497	.0018303	.0012581	.19161
%RSD	1.251982	4.250467	.2325243	46.13089	7.155653	.3362161
#1	.1234023	.0348791	1.501663	.0060471	.0183909	56.93433
#2	.1224810	.0369423	1.501980	.0032543	.0182216	56.83491
#3	.1255049	.0340254	1.507872	.0026013	.0161321	57.20514

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.424798	.0055690	.0076721	258.6532	.0844449	.1136393
Stddev	.004339	.0001479	.0001074	.6895	.0006204	.0007146
%RSD	.3045480	2.655353	1.400154	.2665557	.7347192	.6288048
#1	1.423727	.0057192	.0077223	257.9393	.0840810	.1143782
#2	1.421094	.0055642	.0077452	258.7052	.0851612	.1135879
#3	1.429572	.0054236	.0075488	259.3152	.0840924	.1129518

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3612540	146.9991	18.95059	34.97114	.1802792	-.002779
Stddev	.0035895	.2928	.02914	.17890	.0003849	.000287
%RSD	.9936279	.1991849	.1537584	.5115599	.2134944	10.31101
#1	.3580391	146.8765	18.93683	34.76904	.1801978	-.003041
#2	.3651271	146.7875	18.93088	35.03514	.1806983	-.002473
#3	.3605960	147.3333	18.98406	35.10924	.1799416	-.002824

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.106953	.1512061	.7631775	7.598242	F 11.95212	-.055007
Stddev	.959402	.0041510	.0035363	.131943	.03670	.001888
%RSD	86.67057	2.745266	.4633708	1.736493	.3070186	3.431545
#1	.881410	.1464696	.7608253	7.455850	11.93925	-.054140
#2	2.159032	.1542108	.7672443	7.622506	11.92359	-.053709
#3	.280415	.1529378	.7614630	7.716368	11.99351	-.057173

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

Sample Name: P4979-22 Acquired: 12/14/2024 23:40:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJC2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032448	2.570171	10.54193	.1880786	1.258338	.2594996
Stddev	.0004710	.008904	.03238	.0015588	.007718	.0006518
%RSD	14.51625	.3464367	.3071878	.8288131	.6133773	.2511866
#1	.0030755	2.569684	10.53322	.1864452	1.252816	.2594020
#2	.0037771	2.561521	10.57778	.1895502	1.255041	.2589021
#3	.0028818	2.579309	10.51480	.1882404	1.267157	.2601947

Elem	Li6707
Units	ppm
Avg	.0416547
Stddev	.0036044
%RSD	8.653014
#1	.0438650
#2	.0436036
#3	.0374955

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.674	29309.86	2694.035	2043.040	2571.112
Stddev	2.619	115.92	2.662	13.316	4.236
%RSD	.1102693	.3954938	.0988249	.6517541	.1647727
#1	2377.115	29203.23	2693.605	2027.880	2574.714
#2	2374.998	29433.25	2696.887	2048.396	2572.179
#3	2371.908	29293.12	2691.614	2052.843	2566.445

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

Sample Name: PB165288BL Acquired: 12/14/2024 23:44:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS288 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003308**	**-.002179**	**.0007952**	**.0016542**	**-.000300**	**-.004132**
Stddev	.003230	.001844	.0009871	.0020191	.000897	.018323
%RSD	97.63389	84.65359	124.1387	122.0562	299.2944	443.4447
#1	.000370	-.002161	.0018328	.0012473	-.001028	-.020559
#2	-.004614	-.004032	.0006850	-.000130	.000703	.015630
#3	-.005681	-.000343	-.000132	.003846	-.000575	-.007467

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003256**	**-.000029**	**-.000144**	**-.040254**	**-.000056**	**.0002384**
Stddev	.000930	.000143	.000033	.027947	.000401	.0003703
%RSD	28.56526	484.9527	23.01598	69.42610	717.3189	155.3041
#1	-.004329	-.000174	-.000152	-.048197	.000222	-.000093
#2	-.002748	-.000026	-.000172	-.009196	.000126	.000638
#3	-.002691	.000112	-.000108	-.063370	-.000516	.000171

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.011132**	**-.004543**	**-.000584**	**-.006977**	**-.000606**	**.0031118**
Stddev	.005824	.007886	.001368	.043110	.000422	.0005913
%RSD	52.31176	173.5894	234.1165	617.8993	69.67430	19.00117
#1	-.005551	.003800	-.000637	.024520	-.000374	.0026496
#2	-.010675	-.005555	.000809	.010658	-.001094	.0029078
#3	-.017171	-.011874	-.001926	-.056108	-.000351	.0037781

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4946615**	**-.009881**	**-.007652**	**.0752660**	**-.000097**	**-.016793**
Stddev	.3422839	.005146	.006046	.1096145	.000267	.000888
%RSD	69.19559	52.07977	79.00466	145.6361	273.9483	5.286859
#1	.8244710	-.014306	-.002356	.1704935	-.000343	-.016724
#2	.1411367	-.011102	-.006362	-.044557	-.000135	-.015941
#3	.5183767	-.004234	-.014239	.099861	.000186	-.017713

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

Sample Name: PB165288BL Acquired: 12/14/2024 23:44:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS288 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002552	-.014004	-.038873	-.001857	-.002820	-.000021
Stddev	.0002430	.003792	.001292	.000827	.000553	.000113
%RSD	95.20304	27.07735	3.322863	44.54740	19.61943	543.6003
#1	.0003863	-.015188	-.039668	-.002452	-.003243	-.000121
#2	.0004045	-.009761	-.039567	-.002207	-.003022	-.000043
#3	-.000025	-.017062	-.037382	-.000912	-.002194	.000102

Elem	Li6707
Units	ppm
Avg	F -.034785
Stddev	.001100
%RSD	3.161855
#1	-.033516
#2	-.035387
#3	-.035453

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2013.383	24593.10	2264.240	1717.771	2842.429
Stddev	28.230	79.60	63.193	4.875	45.352
%RSD	1.402096	.3236632	2.790916	.2838147	1.595528
#1	2010.120	24535.61	2255.093	1718.744	2838.235
#2	1986.926	24683.95	2331.508	1722.086	2799.320
#3	2043.102	24559.73	2206.119	1712.482	2889.732

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

Sample Name: PB165288BS Acquired: 12/14/2024 23:48:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS288 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0204992**	**.0522767**	**.0223186**	**.0597080**	**.0966356**	**.4552154**
Stddev	.0066862	.0015665	.0009187	.0044878	.0022961	.0196156
%RSD	32.61669	2.996570	4.116389	7.516275	2.376048	4.309080
#1	.0251233	.0530782	.0233734	.0624079	.0985918	.4372977
#2	.0128329	.0504716	.0216932	.0621886	.0941077	.4761738
#3	.0235414	.0532803	.0218892	.0545274	.0972074	.4521747

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4408474**	**.0099945**	**.0092775**	**10.22396**	**.0199742**	**.0927852**
Stddev	.0021159	.0001075	.0000865	.08978	.0010624	.0010101
%RSD	.4799711	1.075498	.9321306	.8781296	5.318612	1.088675
#1	.4432759	.0099422	.0091779	10.30542	.0206153	.0917722
#2	.4394013	.0099231	.0093203	10.12770	.0205595	.0927910
#3	.4398648	.0101181	.0093341	10.23876	.0187480	.0937925

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0490281**	**.2217558**	**.0326703**	**10.33523**	**.0732516**	**.0222782**
Stddev	.0034683	.0213905	.0002920	.13806	.0005303	.0007657
%RSD	7.074080	9.645966	.8936989	1.335845	.7239562	3.437133
#1	.0476699	.2269580	.0329413	10.47505	.0727905	.0231462
#2	.0529700	.1982441	.0323611	10.33163	.0738311	.0219895
#3	.0464445	.2400654	.0327086	10.19900	.0731331	.0216987

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.90249**	**.1135432**	**.1015915**	**10.29156**	**.0162731**	F **-.018978**
Stddev	.79286	.0042836	.0058014	.11048	.0012411	.001103
%RSD	7.272331	3.772685	5.710488	1.073481	7.626913	5.813272
#1	11.77043	.1151262	.1057317	10.41241	.0148731	-.017860
#2	10.21626	.1168100	.0949607	10.19575	.0172386	-.019010
#3	10.72077	.1086933	.1040822	10.26653	.0167074	-.020066

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

Sample Name: PB165288BS Acquired: 12/14/2024 23:48:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS288 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189485	.1600884	F .4905585	.0111498	.2104554	.2144024
Stddev	.0006379	.0038826	.0055569	.0007251	.0005789	.0008622
%RSD	3.366539	2.425309	1.132764	6.502970	.2750909	.4021409
#1	.0186890	.1568364	.4969412	.0114902	.2105451	.2149023
#2	.0196753	.1643871	.4867971	.0103172	.2098369	.2148982
#3	.0184813	.1590417	.4879373	.0116421	.2109843	.2134069

Elem	Li6707
Units	ppm
Avg	F -.003664
Stddev	.002762
%RSD	75.38102
#1	-.006562
#2	-.001062
#3	-.003369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.128	24539.79	2173.300	1708.978	2807.027
Stddev	11.340	508.97	18.364	30.697	14.421
%RSD	.5689350	2.074075	.8449878	1.796216	.5137556
#1	2005.734	24176.26	2156.045	1685.093	2823.677
#2	1983.759	24321.64	2192.602	1698.239	2798.438
#3	1989.891	25121.48	2171.253	1743.601	2798.967

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

Sample Name: PB165302BL Acquired: 12/14/2024 23:52:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS302 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002926**	**-.004104**	**.0026888**	**.0000302**	**-.000567**	**.0005185**
Stddev	.0039464	.000882	.0010699	.0042896	.004014	.0155416
%RSD	1348.934	21.50098	39.79189	14199.18	708.0897	2997.226
#1	.0048460	-.003563	.0014813	-.001025	-.004969	-.016550
#2	-.002140	-.005122	.0030664	-.003633	.000381	.004252
#3	-.001829	-.003626	.0035187	.004749	.002888	.013853

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003497**	**-.000120**	**-.000173**	**-.022189**	**-.000254**	**-.000400**
Stddev	.000866	.000032	.000106	.019977	.000580	.000449
%RSD	24.77130	26.23439	61.03751	90.03397	228.4497	112.2865
#1	-.004292	-.000084	-.000235	-.003993	.000229	.000118
#2	-.003626	-.000138	-.000051	-.019008	-.000897	-.000638
#3	-.002574	-.000139	-.000234	-.043566	-.000093	-.000681

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015722**	**.0206027**	**.0000875**	**-.056711**	**-.001034**	**.0021988**
Stddev	.0093807	.0427822	.0017825	.081445	.000298	.0005188
%RSD	596.6497	207.6534	2037.709	143.6145	28.78273	23.59460
#1	-.005926	.0088491	.0002556	.028166	-.001029	.0026757
#2	-.001448	.0680331	-.001773	-.134224	-.001335	.0022744
#3	.012091	-.015074	.001780	-.064074	-.000739	.0016464

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4671150**	**.0031622**	**-.005406**	**.1513229**	**-.000091**	**-.017586**
Stddev	.3034983	.0113166	.009801	.0987642	.003540	.000689
%RSD	64.97292	357.8714	181.2894	65.26720	3900.018	3.916631
#1	.7284542	.0000708	-.010315	.0693222	-.004015	-.016835
#2	.5386523	.0157032	.005879	.1236845	.000879	-.017735
#3	.1342386	-.006287	-.011783	.2609621	.002863	-.018188

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

Sample Name: PB165302BL Acquired: 12/14/2024 23:52:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS302 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006912	-.016441	-.038767	-.002703	-.006433	-.000226
Stddev	.0006279	.003400	.000538	.000497	.004074	.000130
%RSD	90.84249	20.67700	1.388938	18.38018	63.32662	57.72004
#1	.0002019	-.012688	-.039247	-.002290	-.009549	-.000280
#2	.0013992	-.019314	-.038868	-.003254	-.001823	-.000320
#3	.0004725	-.017322	-.038185	-.002564	-.007927	-.000077

Elem	Li6707
Units	ppm
Avg	F -.034292
Stddev	.001488
%RSD	4.339194
#1	-.034361
#2	-.035745
#3	-.032771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1988.832	24395.12	2158.591	1702.178	2812.439
Stddev	6.624	175.96	2.455	10.712	7.965
%RSD	.3330361	.7212829	.1137404	.6293172	.2832005
#1	1996.324	24488.21	2157.693	1702.816	2819.761
#2	1986.419	24504.99	2161.368	1712.558	2803.958
#3	1983.754	24192.18	2156.711	1691.162	2813.598

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

Sample Name: PB165302BS Acquired: 12/14/2024 23:56:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS302 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0196786**	**.0510540**	**.0238665**	**.0578588**	**.0968197**	**.4554394**
Stddev	.0007836	.0022545	.0008464	.0029777	.0014653	.0196335
%RSD	3.982012	4.415876	3.546574	5.146432	1.513413	4.310888
#1	.0203967	.0535838	.0245636	.0610144	.0985052	.4383698
#2	.0188428	.0492572	.0229246	.0574632	.0958486	.4510534
#3	.0197964	.0503210	.0241113	.0550986	.0961055	.4768949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4407162**	**.0101680**	**.0092580**	**10.16838**	**.0198204**	**.0928622**
Stddev	.0060731	.0001727	.0000862	.11045	.0003935	.0000773
%RSD	1.377999	1.698756	.9310720	1.086218	1.985432	.0832239
#1	.4431692	.0103440	.0093143	10.23932	.0202703	.0928494
#2	.4338003	.0101611	.0093010	10.04112	.0196505	.0927922
#3	.4451792	.0099988	.0091588	10.22470	.0195403	.0929451

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0424588**	**.2192474**	**.0321402**	**10.24200**	**.0742343**	**.0226716**
Stddev	.0085620	.0198077	.0007189	.10399	.0003044	.0008609
%RSD	20.16550	9.034401	2.236638	1.015316	.4100075	3.797047
#1	.0491120	.2245793	.0321183	10.24064	.0744631	.0228510
#2	.0327990	.1973195	.0314325	10.13870	.0738889	.0217351
#3	.0454653	.2358434	.0328698	10.34666	.0743508	.0234286

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.57745**	**.1065062**	**.0994200**	**10.29242**	**.0180933**	F **-.018151**
Stddev	.31904	.0051523	.0118092	.08155	.0035011	.001668
%RSD	3.016190	4.837539	11.87809	.7923236	19.35014	9.189987
#1	10.44845	.1116258	.1063550	10.36920	.0142910	-.019521
#2	10.94078	.1013218	.1061203	10.20682	.0211837	-.016294
#3	10.34310	.1065710	.0857846	10.30125	.0188052	-.018639

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

Sample Name: PB165302BS Acquired: 12/14/2024 23:56:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS302 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186568	.1579768	F .4889233	.0118343	.2098749	.2135233
Stddev	.0004060	.0046039	.0016955	.0006066	.0024661	.0024820
%RSD	2.175913	2.914312	.3467893	5.125869	1.175010	1.162399
#1	.0189085	.1557784	.4902100	.0124645	.2112287	.2149506
#2	.0181885	.1632679	.4870020	.0117840	.2070284	.2106573
#3	.0188734	.1548842	.4895579	.0112544	.2113675	.2149619

Elem	Li6707
Units	ppm
Avg	F -.001428
Stddev	.001771
%RSD	124.0812
#1	-.001779
#2	-.002997
#3	.000493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.670	24043.73	2151.996	1673.347	2747.276
Stddev	10.058	107.56	15.172	5.017	15.672
%RSD	.5166607	.4473579	.7050055	.2998327	.5704720
#1	1946.648	23945.12	2143.174	1673.693	2751.563
#2	1956.738	24158.43	2169.515	1678.183	2760.359
#3	1936.623	24027.64	2143.300	1668.166	2729.906

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

Sample Name: PB165306BL Acquired: 12/15/2024 0:00:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.001583**	**-.000331**	**-.000243**	**.0021211**	**-.003617**	**.1913407**
Stddev	.001168	.001209	.002178	.0032134	.002156	.0104037
%RSD	73.83099	364.6710	898.1985	151.5007	59.61380	5.437261
#1	-.002217	.000970	.002247	-.000911	-.001152	.1929028
#2	-.002297	-.000547	-.001801	.001785	-.005153	.1802442
#3	-.000234	-.001418	-.001173	.005489	-.004547	.2008750

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003165**	**-.000078**	**-.000147**	**-.031894**	**.0003452**	**-.000315**
Stddev	.000582	.000157	.000034	.022864	.0009184	.000026
%RSD	18.38877	202.1775	22.93242	71.68917	266.0358	8.115783
#1	-.002830	-.000231	-.000160	-.006169	-.000585	-.000305
#2	-.002828	.000083	-.000173	-.049900	.001252	-.000296
#3	-.003837	-.000085	-.000109	-.039612	.000369	-.000344

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006995**	**.0008528**	**.0008675**	**-.039659**	**-.001077**	**.0014759**
Stddev	.007891	.0159594	.0018880	.092903	.000446	.0004411
%RSD	112.8039	1871.347	217.6350	234.2565	41.38580	29.88613
#1	-.005661	.0016689	-.000797	-.146933	-.001007	.0014588
#2	.000144	-.015499	.002919	.014298	-.001553	.0019253
#3	-.015468	.016389	.000480	.013659	-.000670	.0010436

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0049796**	**.0046595**	**.0012712**	**.2287811**	**-.001894**	**-.018727**
Stddev	.3448702	.0021900	.0062622	.0952831	.001283	.000704
%RSD	6925.682	46.99970	492.6220	41.64816	67.72835	3.760254
#1	.2922151	.0070732	-.004350	.1209402	-.001360	-.017974
#2	.1002284	.0027997	.000143	.3015861	-.000965	-.019370
#3	-.377505	.0041056	.008021	.2638170	-.003358	-.018837

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

Sample Name: PB165306BL Acquired: 12/15/2024 0:00:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS306 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003453	-.012267	-.039610	-.002230	-.004641	-.000126
Stddev	.0002532	.004078	.000825	.000331	.002662	.000140
%RSD	73.34742	33.24459	2.083204	14.85061	57.36525	111.2690
#1	.0006360	-.014536	-.038665	-.001873	-.006435	-.000285
#2	.0002265	-.007559	-.040189	-.002291	-.001582	-.000020
#3	.0001732	-.014705	-.039977	-.002527	-.005905	-.000073

Elem	Li6707
Units	ppm
Avg	F -.038645
Stddev	.002562
%RSD	6.629641
#1	-.040005
#2	-.040240
#3	-.035690

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.985	24076.67	2117.729	1671.544	2770.973
Stddev	4.039	165.59	8.922	11.807	3.502
%RSD	.2060598	.6877479	.4213033	.7063748	.1263639
#1	1956.291	24070.53	2116.147	1669.299	2767.154
#2	1959.367	23914.25	2109.703	1661.021	2774.034
#3	1964.297	24245.25	2127.336	1684.313	2771.730

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

Sample Name: PB165306BS Acquired: 12/15/2024 0:04:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS306 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0192365**	**.0537668**	**.0228162**	**.0560684**	**.1021239**	**.4446111**
Stddev	.0056042	.0013147	.0031146	.0071266	.0009615	.0143298
%RSD	29.13313	2.445113	13.65097	12.71049	.9415028	3.222996
#1	.0255437	.0549737	.0193395	.0517877	.1029126	.4474227
#2	.0148294	.0539606	.0253517	.0642952	.1010528	.4290839
#3	.0173364	.0523659	.0237574	.0521223	.1024061	.4573268

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4463046**	**.0103822**	**.0093974**	**10.41032**	**.0195685**	**.0947633**
Stddev	.0044001	.0001457	.0000439	.11312	.0001660	.0002508
%RSD	.9859053	1.402971	.4669689	1.086580	.8481607	.2646244
#1	.4436932	.0103254	.0093688	10.47293	.0196606	.0946685
#2	.4438358	.0102735	.0093753	10.27974	.0193769	.0950476
#3	.4513848	.0105477	.0094479	10.47829	.0196679	.0945737

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0383243**	**.2306648**	**.0336012**	**10.53063**	**.0743804**	**.0228693**
Stddev	.0026334	.0434600	.0008899	.02373	.0000831	.0008008
%RSD	6.871333	18.84120	2.648532	.2253339	.1117348	3.501472
#1	.0387846	.2802342	.0340755	10.50475	.0743873	.0220419
#2	.0406972	.1991027	.0325746	10.53577	.0744598	.0236404
#3	.0354911	.2126576	.0341535	10.55136	.0742940	.0229257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.14659**	**.1100741**	**.1011317**	**10.41410**	**.0173953**	F **-.018490**
Stddev	.09633	.0060359	.0047330	.05953	.0016739	.001972
%RSD	.8641859	5.483489	4.679997	.5716367	9.622881	10.66452
#1	11.13848	.1109031	.1046594	10.37043	.0157068	-.020367
#2	11.24671	.1156527	.0957530	10.48191	.0190542	-.018666
#3	11.05457	.1036666	.1029828	10.38996	.0174248	-.016435

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

Sample Name: PB165306BS Acquired: 12/15/2024 0:04:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS306 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189231	.1610063	F .4976162	.0123651	.2089258	.2183180
Stddev	.0006177	.0046362	.0109550	.0015953	.0054382	.0013457
%RSD	3.264220	2.879513	2.201494	12.90167	2.602938	.6163912
#1	.0193380	.1600905	.4998008	.0137991	.2150806	.2174692
#2	.0192180	.1660320	.4857335	.0106467	.2047699	.2176153
#3	.0182132	.1568963	.5073142	.0126494	.2069269	.2198696

Elem	Li6707
Units	ppm
Avg	F .0032417
Stddev	.0010354
%RSD	31.93985
#1	.0022808
#2	.0043382
#3	.0031060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.197	24135.67	2145.114	1673.511	2770.625
Stddev	13.575	137.92	24.903	3.576	15.530
%RSD	.6879813	.5714211	1.160915	.2136547	.5605390
#1	1958.332	24014.79	2136.898	1669.666	2754.239
#2	1976.319	24106.33	2173.088	1674.130	2772.508
#3	1984.939	24285.90	2125.358	1676.736	2785.129

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

Sample Name: PB165305BL Acquired: 12/15/2024 0:08:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS305 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004269**	**-.001733**	**-.000663**	**.0064205**	**-.003098**	**.0022570**
Stddev	.003025	.001497	.001048	.0013527	.001103	.0164138
%RSD	70.86174	86.37021	158.2200	21.06918	35.60754	727.2360
#1	-.006739	-.002558	.000344	.0049715	-.004372	-.007764
#2	-.000895	-.002636	-.001748	.0076503	-.002494	.021199
#3	-.005174	-.000005	-.000584	.0066396	-.002429	-.006664

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003375**	**.0000993**	**-.000196**	**-.067858**	**-.000113**	**-.000350**
Stddev	.000886	.0000922	.000040	.016385	.000741	.000552
%RSD	26.26298	92.89026	20.47526	24.14573	658.3041	157.6848
#1	-.004355	.0001965	-.000160	-.062898	-.000191	-.000962
#2	-.002629	.0000880	-.000239	-.054526	-.000811	-.000200
#3	-.003141	.0000132	-.000190	-.086150	.000665	.000112

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003719**	**.0030185**	**-.000538**	**.0248779**	**-.001279**	**.0011458**
Stddev	.005447	.0368769	.002208	.0691077	.000181	.0006005
%RSD	146.4675	1221.687	410.3023	277.7870	14.18571	52.41430
#1	.002252	-.039390	-.003081	.0639063	-.001263	.0017988
#2	-.008416	.027546	.000574	-.054914	-.001468	.0010213
#3	-.004993	.020900	.000892	.065642	-.001106	.0006172

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.146004**	**.0025285**	**-.004374**	**.0148680**	**-.000208**	**-.017666**
Stddev	.742028	.0079748	.009310	.0694371	.002626	.000718
%RSD	508.2246	315.3997	212.8390	467.0245	1262.825	4.063896
#1	.259083	.0016222	-.004480	-.009457	.000694	-.018494
#2	.305313	.0109177	-.013630	.093195	-.003166	-.017292
#3	-1.00241	-.004954	.004988	-.039134	.001848	-.017213

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

Sample Name: PB165305BL Acquired: 12/15/2024 0:08:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS305 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003658	-.013567	-.038964	-.001225	-.001575	-.000051
Stddev	.0003401	.003154	.000468	.001589	.002055	.000138
%RSD	92.96171	23.24607	1.201463	129.7474	130.5292	270.9811
#1	.0006631	-.016896	-.038572	.000308	.000759	-.000203
#2	-.000005	-.010625	-.039482	-.001118	-.003116	-.000019
#3	.000439	-.013180	-.038838	-.002864	-.002368	.000068

Elem	Li6707
Units	ppm
Avg	F -.027989
Stddev	.003512
%RSD	12.54799
#1	-.032043
#2	-.025861
#3	-.026063

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.265	24303.35	2163.746	1687.795	2796.509
Stddev	6.940	138.52	2.335	7.407	11.777
%RSD	.3483580	.5699809	.1078928	.4388369	.4211381
#1	1984.497	24357.68	2161.369	1690.284	2785.052
#2	1997.856	24406.46	2163.832	1693.636	2808.582
#3	1994.443	24145.89	2166.036	1679.464	2795.894

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

Sample Name: PB165305BS Acquired: 12/15/2024 0:12:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS305 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0205161**	**.0510965**	**.0204132**	**.0582081**	**.0979372**	**.4443814**
Stddev	.0017071	.0011387	.0009623	.0045851	.0025990	.0159098
%RSD	8.320674	2.228525	4.714225	7.877078	2.653758	3.580204
#1	.0209833	.0504245	.0193869	.0604326	.1007700	.4627411
#2	.0219409	.0504537	.0205575	.0612566	.0973792	.4357594
#3	.0186241	.0524112	.0212953	.0529351	.0956626	.4346437

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4315079**	**.0100733**	**.0091499**	**10.09737**	**.0197385**	**.0923748**
Stddev	.0017189	.0001468	.0000691	.03262	.0006599	.0006275
%RSD	.3983578	1.457097	.7547466	.3230469	3.343318	.6792527
#1	.4311276	.0101529	.0092291	10.07554	.0191951	.0930633
#2	.4300109	.0101632	.0091185	10.08169	.0195476	.0922258
#3	.4333851	.0099040	.0091022	10.13486	.0204728	.0918352

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0480090**	**.2084346**	**.0322223**	**10.16008**	**.0722899**	**.0223336**
Stddev	.0080277	.0279305	.0016544	.04692	.0012673	.0014013
%RSD	16.72121	13.40015	5.134346	.4618380	1.753039	6.274361
#1	.0572733	.2395628	.0307589	10.11887	.0737516	.0239516
#2	.0431073	.1855636	.0340174	10.15022	.0716190	.0215314
#3	.0436463	.2001772	.0318906	10.21115	.0714992	.0215177

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.60009**	**.1089746**	**.1011379**	**10.11930**	**.0162096**	F **-.019123**
Stddev	.67034	.0026831	.0067189	.13521	.0010116	.001153
%RSD	6.323895	2.462090	6.643255	1.336181	6.240670	6.027478
#1	11.26038	.1065334	.0951424	9.96799	.0166181	-.017923
#2	9.92014	.1118472	.1083999	10.16160	.0150577	-.019223
#3	10.61975	.1085431	.0998716	10.22831	.0169532	-.020222

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

Sample Name: PB165305BS Acquired: 12/15/2024 0:12:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS305 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184829	.1544238	F .4758322	.0104045	.2041006	.2103169
Stddev	.0003335	.0015769	.0005121	.0011916	.0037520	.0003127
%RSD	1.804528	1.021160	.1076264	11.45288	1.838310	.1486966
#1	.0187567	.1536546	.4752412	.0090886	.2009017	.2099661
#2	.0185804	.1562377	.4761101	.0114106	.2031696	.2105666
#3	.0181114	.1533791	.4761452	.0107143	.2082305	.2104178

Elem	Li6707
Units	ppm
Avg	F .0026688
Stddev	.0062896
%RSD	235.6745
#1	-.004350
#2	.004562
#3	.007794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.612	24506.44	2202.057	1708.696	2828.291
Stddev	12.488	133.52	4.535	4.539	19.455
%RSD	.6189248	.5448231	.2059436	.2656433	.6878882
#1	2004.203	24659.38	2201.740	1713.480	2806.526
#2	2019.724	24446.79	2197.689	1708.158	2834.356
#3	2028.908	24413.15	2206.742	1704.450	2843.992

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

Sample Name: P4984-01 Acquired: 12/15/2024 0:16:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0331514**	**.0229896**	**.2402106**	**-.011172**	**.0156492**	**68.10328**	**.3565030**
Stddev	.0041701	.0005780	.0016936	.003847	.0018043	.47501	.0026674
%RSD	12.57901	2.514266	.7050434	34.43300	11.52961	.6974911	.7482194
#1	.0359237	.0236299	.2384708	-.008899	.0137102	67.62867	.3538437
#2	.0351748	.0225062	.2403070	-.009004	.0159588	68.57869	.3591785
#3	.0283556	.0228326	.2418539	-.015613	.0172787	68.10248	.3564868

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0047377**	**.0050260**	**617.1926**	**.1064951**	**.1234718**	**.0811782**	**160.6928**
Stddev	.0001937	.0001221	3.5193	.0001371	.0003187	.0063835	.9475
%RSD	4.088537	2.429657	.5702067	.1287486	.2581060	7.863573	.5896480
#1	.0045147	.0049721	613.5998	.1064102	.1238384	.0769069	159.9708
#2	.0048337	.0049401	620.6334	.1064219	.1233171	.0885163	161.7657
#3	.0048647	.0051658	617.3446	.1066533	.1232601	.0781113	160.3419

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.036618**	**304.3258**	**.1845568**	**-.007300**	**2.587277**	**.1565147**	**.5980978**
Stddev	.044331	1.7793	.0013648	.001039	.480455	.0083139	.0052256
%RSD	.5516091	.5846571	.7395174	14.22584	18.56992	5.311901	.8737022
#1	7.999165	302.5199	.1848899	-.006590	2.032502	.1556505	.5977050
#2	8.085563	306.0771	.1857242	-.008492	2.862383	.1652270	.6035087
#3	8.025125	304.3805	.1830562	-.006819	2.866948	.1486667	.5930797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.687509**	**7.531075**	**-.044889**	**-.002609**	**8.220542**	**9.187892**	**.0291793**
Stddev	.046353	.014595	.005412	.000347	.027348	.081976	.0013671
%RSD	.6029690	.1937962	12.05629	13.30091	.3326846	.8922168	4.684997
#1	7.714708	7.534973	-.039368	-.002844	8.248679	9.093287	.0277542
#2	7.713832	7.514926	-.045113	-.002210	8.194057	9.232437	.0293039
#3	7.633987	7.543324	-.050185	-.002772	8.218889	9.237951	.0304798

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

Sample Name: P4984-01 Acquired: 12/15/2024 0:16:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.169570	.2941437	.1015500
Stddev	.005009	.0018923	.0019965
%RSD	.4283090	.6433319	1.966025
#1	1.168143	.2925237	.0995251
#2	1.175137	.2962236	.1035169
#3	1.165428	.2936839	.1016079

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2183.091	27033.64	2571.716	1864.981	2312.797
Stddev	8.897	69.97	22.032	1.848	6.448
%RSD	.4075436	.2588368	.8566932	.0990704	.2788109
#1	2184.538	27010.85	2596.489	1867.061	2310.543
#2	2173.559	26977.91	2554.318	1863.530	2307.778
#3	2191.176	27112.17	2564.340	1864.353	2320.070

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

Sample Name: P4984-02 Acquired: 12/15/2024 0:19:48 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	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0408761**	**.0132167**	**.1702485**	**-.007663**	**.0284780**	**100.0822**	**.6418168**
Stddev	.0017856	.0016099	.0019334	.002983	.0016471	.2363	.0011423
%RSD	4.368251	12.18071	1.135631	38.92947	5.783900	.2361470	.1779806
#1	.0426564	.0134641	.1687697	-.004592	.0294926	100.2940	.6424264
#2	.0390853	.0114975	.1695395	-.010549	.0265775	99.8273	.6404991
#3	.0408865	.0146886	.1724363	-.007848	.0293638	100.1254	.6425251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066823**	**.0045682**	**319.8400**	**.1380200**	**.1603208**	**.0732176**	**203.5490**
Stddev	.0001593	.0001474	1.0746	.0011071	.0005543	.0067991	.2178
%RSD	2.384392	3.227428	.3359693	.8020908	.3457453	9.286180	.1069966
#1	.0066426	.0044312	320.9897	.1392577	.1609384	.0733211	203.7867
#2	.0065466	.0045490	318.8610	.1376782	.1598663	.0663674	203.3591
#3	.0068577	.0047242	319.6694	.1371243	.1601578	.0799644	203.5010

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.423147**	**176.5309**	**.2421997**	**-.010170**	**2.812447**	**.2102730**	**.3919272**
Stddev	.001263	.5966	.0020066	.000843	.808661	.0056285	.0039621
%RSD	.0149963	.3379491	.8285021	8.284851	28.75295	2.676761	1.010923
#1	8.423382	177.1259	.2434970	-.010622	2.035056	.2072495	.3898883
#2	8.421782	175.9328	.2398884	-.010691	3.649116	.2068023	.3893997
#3	8.424275	176.5340	.2432136	-.009198	2.753167	.2167671	.3964935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.516788**	**7.529819**	**-.080669**	**-.002680**	**3.362859**	**8.487449**	**.0292367**
Stddev	.158966	.027135	.000670	.000142	.004627	.027752	.0009695
%RSD	1.866504	.3603691	.8307305	5.299605	.1375819	.3269763	3.316051
#1	8.607338	7.550467	-.079919	-.002638	3.357523	8.507891	.0295638
#2	8.333235	7.499085	-.080880	-.002563	3.365752	8.455856	.0281459
#3	8.609791	7.539904	-.081209	-.002838	3.365303	8.498601	.0300002

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

Sample Name: P4984-02 Acquired: 12/15/2024 0:19:48 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	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.587968	.1316646	.1353087
Stddev	.006644	.0007959	.0037230
%RSD	.4184095	.6045241	2.751455
#1	1.591232	.1325706	.1370157
#2	1.580324	.1313453	.1310383
#3	1.592349	.1310779	.1378720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.733	29449.40	2754.992	2035.651	2440.519
Stddev	8.162	47.74	9.560	11.437	11.635
%RSD	.3418510	.1621236	.3469969	.5618254	.4767340
#1	2379.177	29504.47	2759.599	2047.595	2429.237
#2	2395.435	29424.18	2761.375	2034.556	2452.477
#3	2388.586	29419.56	2744.001	2024.800	2439.844

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

Sample Name: P4984-03 Acquired: 12/15/2024 0:23:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0411695**	**.0186251**	**.4615175**	**-.000583**	**.0094727**	**72.60563**
Stddev	.0063474	.0028336	.0034751	.001983	.0013305	.11055
%RSD	15.41771	15.21373	.7529666	340.0497	14.04585	.1522581
#1	.0405297	.0200601	.4575630	-.000443	.0095021	72.69821
#2	.0351662	.0153610	.4629054	.001326	.0081277	72.48323
#3	.0478126	.0204540	.4640841	-.002633	.0107883	72.63545

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.289712**	**.0044788**	**.0045608**	**123.2942**	**.1169235**	**.0901411**
Stddev	.002372	.0000385	.0001977	.2164	.0016315	.0002322
%RSD	.1838879	.8597809	4.334087	.1755032	1.395313	.2575619
#1	1.291858	.0045174	.0044482	123.5166	.1151150	.0899769
#2	1.287166	.0044404	.0044451	123.0844	.1173711	.0904067
#3	1.290112	.0044786	.0047890	123.2816	.1182845	.0900397

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2122081**	**104.0513**	**6.350107**	**31.59196**	**.1328129**	**-.001054**
Stddev	.0100103	.4510	.010805	.14407	.0010387	.000487
%RSD	4.717226	.4334464	.1701555	.4560427	.7820725	46.17984
#1	.2233473	104.4850	6.360083	31.56685	.1322290	-.000948
#2	.2039653	103.5848	6.338630	31.46210	.1321975	-.000629
#3	.2093118	104.0842	6.351609	31.74694	.1340121	-.001585

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7242969**	**.1080417**	**.8035932**	**5.914624**	F **13.28728**	**-.023507**
Stddev	.2682672	.0035342	.0009678	.008637	.01681	.002175
%RSD	37.03829	3.271119	.1204336	.1460237	.1265156	9.251802
#1	.6262956	.1116950	.8044759	5.924050	13.28770	-.022875
#2	1.027785	.1046401	.8025583	5.907090	13.27026	-.025928
#3	.518810	.1077898	.8037453	5.912730	13.30388	-.021719

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

Sample Name: P4984-03 Acquired: 12/15/2024 0:23:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001140	2.993227	8.644424	.0411874	.7925327	.1959650
Stddev	.000051	.008344	.028842	.0022959	.0070876	.0008123
%RSD	4.510088	.2787788	.3336495	5.574179	.8942984	.4145404
#1	-.001191	2.985791	8.672539	.0437267	.8002271	.1968285
#2	-.001140	2.991640	8.614906	.0405771	.7862707	.1958504
#3	-.001088	3.002251	8.645827	.0392583	.7911002	.1952160

Elem	Li6707
Units	ppm
Avg	.0739889
Stddev	.0034686
%RSD	4.687988
#1	.0776479
#2	.0707488
#3	.0735701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.430	33408.49	3074.637	2330.067	2624.749
Stddev	5.751	70.99	15.211	8.634	9.740
%RSD	.2113835	.2124840	.4947384	.3705663	.3710663
#1	2713.921	33483.66	3065.393	2335.858	2613.604
#2	2724.820	33342.59	3092.193	2320.143	2631.628
#3	2722.550	33399.23	3066.325	2334.199	2629.015

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

Sample Name: P4984-04 Acquired: 12/15/2024 0:27:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0818645	.0125232	.7600907	.0017641	.0232196	79.37792	.8043597
Stddev	.0027977	.0008453	.0006591	.0063263	.0022154	.26634	.0040023
%RSD	3.417537	6.750120	.0867132	358.6205	9.540911	.3355372	.4975776
#1	.0850920	.0128184	.7596927	.0009294	.0257595	79.13249	.8000589
#2	.0803717	.0115698	.7597279	.0084663	.0216861	79.34013	.8050452
#3	.0801297	.0131813	.7608515	-.004104	.0222132	79.66113	.8079749

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054453	.0058395	126.6757	.1352655	.0980471	.1784334	161.4661
Stddev	.0001391	.0000655	.4286	.0009221	.0006506	.0037703	.8373
%RSD	2.554684	1.121686	.3383699	.6816893	.6635555	2.113015	.5185849
#1	.0052941	.0059147	126.2620	.1344324	.0973245	.1743620	160.9155
#2	.0055679	.0058091	126.6473	.1351079	.0985865	.1818044	161.0531
#3	.0054740	.0057947	127.1178	.1362563	.0982301	.1791340	162.4297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.316868	33.31944	.1511251	-.007077	1.301849	.1842609	.5844018
Stddev	.024105	.10467	.0001218	.000639	.747397	.0070826	.0135423
%RSD	.2587278	.3141493	.0805794	9.034472	57.41048	3.843789	2.317294
#1	9.292379	33.23237	.1511781	-.006693	.505556	.1826432	.5726339
#2	9.317654	33.29039	.1512114	-.006723	1.988165	.1781270	.5813677
#3	9.340571	33.43557	.1509858	-.007815	1.411825	.1920124	.5992038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.403952	7.303493	-.065568	.0033094	3.023221	10.06578	.0312156
Stddev	.036907	.018698	.000490	.0001978	.003934	.06190	.0008509
%RSD	.6829601	.2560124	.7471867	5.976477	.1301254	.6149073	2.725889
#1	5.400279	7.321290	-.065591	.0031305	3.027692	9.99760	.0302691
#2	5.369019	7.284008	-.066046	.0035218	3.020289	10.11843	.0319172
#3	5.442558	7.305180	-.065067	.0032760	3.021682	10.08131	.0314604

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

Sample Name: P4984-04 Acquired: 12/15/2024 0:27:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.329049	-.017654	.0553161
Stddev	.007238	.000259	.0002797
%RSD	.5445629	1.466211	.5057101
#1	1.323782	-.017699	.0550395
#2	1.326063	-.017375	.0553101
#3	1.337301	-.017887	.0555988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2331.387	28598.15	2596.671	1999.084	2651.498
Stddev	3.118	95.69	9.368	11.369	4.894
%RSD	.1337559	.3345912	.3607517	.5687228	.1845756
#1	2334.386	28581.95	2603.848	2003.024	2653.168
#2	2331.612	28700.91	2586.074	2007.959	2655.338
#3	2328.162	28511.60	2600.091	1986.269	2645.987

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

Sample Name: P4984-05 Acquired: 12/15/2024 0:31:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1012773	.0125582	3.451368	.0082440	.0241551	68.00821
Stddev	.0030574	.0006999	.025867	.0005315	.0012929	.24888
%RSD	3.018810	5.573222	.7494732	6.447066	5.352402	.3659510
#1	.1000163	.0117516	3.471524	.0083520	.0227362	68.16662
#2	.1047635	.0130049	3.422200	.0087132	.0252664	67.72136
#3	.0990521	.0129182	3.460379	.0076668	.0244629	68.13666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.882804	.0058872	.0110845	101.9870	.1436317	.1003361
Stddev	.005204	.0001088	.0000374	.3496	.0020137	.0007955
%RSD	.2764196	1.848290	.3376807	.3428063	1.401975	.7928560
#1	1.886994	.0059948	.0111052	102.3791	.1444608	.1009017
#2	1.876978	.0057773	.0110413	101.7078	.1450985	.0994265
#3	1.884440	.0058895	.0111071	101.8741	.1413358	.1006801

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4134364	147.1930	7.801526	46.48768	.2370553	-.003730
Stddev	.0028509	.5538	.024185	.16481	.0017759	.000794
%RSD	.6895617	.3762157	.3099988	.3545202	.7491445	21.27800
#1	.4112815	147.8290	7.825186	46.67383	.2383675	-.004296
#2	.4123585	146.8176	7.776849	46.36035	.2350345	-.004071
#3	.4166690	146.9324	7.802543	46.42885	.2377639	-.002823

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0506225	.1466775	2.523861	9.300482	F 12.70190	-.033389
Stddev	.6266017	.0121343	.012850	.046679	.08811	.001800
%RSD	1237.792	8.272785	.5091499	.5018941	.6936895	5.391575
#1	-.579230	.1358828	2.509846	9.324819	12.75892	-.031313
#2	.673922	.1443387	2.535089	9.246664	12.60041	-.034343
#3	.057176	.1598110	2.526648	9.329963	12.74635	-.034513

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

Sample Name: P4984-05 Acquired: 12/15/2024 0:31:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025471	5.228566	9.409097	.0833397	1.136825	.0690441
Stddev	.0003080	.022761	.091320	.0005313	.005331	.0003773
%RSD	12.09403	.4353159	.9705470	.6374705	.4689570	.5464614
#1	.0029021	5.243491	9.505962	.0839351	1.140375	.0694773
#2	.0023900	5.202369	9.396751	.0831701	1.130694	.0687876
#3	.0023493	5.239839	9.324579	.0829140	1.139405	.0688675

Elem	Li6707
Units	ppm
Avg	.0653607
Stddev	.0015255
%RSD	2.333971
#1	.0656730
#2	.0637032
#3	.0667058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.411	30807.58	2804.193	2146.885	2667.175
Stddev	11.793	162.53	14.782	8.056	12.373
%RSD	.4718324	.5275809	.5271300	.3752503	.4639086
#1	2493.917	30690.96	2787.124	2149.596	2659.364
#2	2512.949	30738.54	2812.678	2137.824	2681.441
#3	2491.368	30993.24	2812.776	2153.237	2660.720

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

Sample Name: P4984-06 Acquired: 12/15/2024 0:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0490960**	**.0316852**	**.1486485**	**-.015463**	**.0144367**	**69.89744**
Stddev	.0034401	.0022940	.0036658	.002093	.0001444	.25629
%RSD	7.006927	7.239997	2.466096	13.53330	1.000346	.3666677
#1	.0523674	.0323881	.1523950	-.013412	.0145435	70.19329
#2	.0455089	.0335455	.1450691	-.015382	.0144942	69.75592
#3	.0494117	.0291220	.1484814	-.017595	.0142724	69.74312

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5442788**	**.0045521**	**.0042691**	F **925.8391**	**.1040818**	**.1233438**
Stddev	.0024177	.0001788	.0002579	3.8337	.0000953	.0003364
%RSD	.4441961	3.927850	6.040275	.4140780	.0915807	.2727329
#1	.5470507	.0044623	.0045424	930.2380	.1040375	.1232946
#2	.5431806	.0047580	.0040301	924.0691	.1040166	.1230348
#3	.5426052	.0044360	.0042348	923.2101	.1041912	.1237021

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1757945**	**159.6697**	**10.55746**	**204.2280**	**.1855386**	**-.007066**
Stddev	.0101239	.5995	.02857	.3733	.0006636	.000532
%RSD	5.758937	.3754592	.2706426	.1827863	.3576676	7.524880
#1	.1689250	160.2498	10.58838	204.6551	.1852108	-.007136
#2	.1874208	159.7069	10.53202	203.9636	.1863023	-.006503
#3	.1710378	159.0525	10.55199	204.0654	.1851026	-.007559

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7758757**	**.1661086**	**.3360826**	**9.563183**	**8.216338**	**-.069299**
Stddev	.5704311	.0068191	.0041220	.077925	.005361	.003841
%RSD	73.52094	4.105174	1.226477	.8148460	.0652477	5.542537
#1	.7529761	.1584277	.3325055	9.526756	8.219431	-.073125
#2	.2172392	.1714497	.3351520	9.652651	8.219435	-.069328
#3	1.357412	.1684485	.3405903	9.510143	8.210147	-.065443

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

Sample Name: P4984-06 Acquired: 12/15/2024 0:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000176	1.163430	8.994635	.0256985	1.498210	.7124590
Stddev	.000032	.008444	.082909	.0013957	.006345	.0005411
%RSD	18.25463	.7257942	.9217614	5.431164	.4235086	.0759481
#1	-.000209	1.153795	9.082403	.0240877	1.505074	.7130825
#2	-.000175	1.166954	8.983866	.0265507	1.492560	.7121811
#3	-.000145	1.169542	8.917637	.0264570	1.496995	.7121132

Elem	Li6707
Units	ppm
Avg	.1213220
Stddev	.0041001
%RSD	3.379512
#1	.1180367
#2	.1200124
#3	.1259169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2146.148	26493.21	2520.829	1835.873	2283.040
Stddev	4.126	64.47	15.301	4.697	4.584
%RSD	.1922349	.2433511	.6069687	.2558609	.2007661
#1	2142.900	26420.47	2504.912	1831.373	2278.617
#2	2150.790	26543.32	2522.145	1840.746	2287.769
#3	2144.752	26515.83	2535.429	1835.499	2282.734

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

Sample Name: P4984-07 Acquired: 12/15/2024 0:38:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142044	.0237539	.0765341	-.020207	.0205046	80.79573
Stddev	.0052036	.0042120	.0029072	.006781	.0041678	.29054
%RSD	36.63391	17.73181	3.798617	33.55890	20.32638	.3596034
#1	.0130767	.0279236	.0796099	-.024501	.0167675	80.76334
#2	.0096571	.0195008	.0738315	-.012389	.0197471	80.52274
#3	.0198794	.0238372	.0761609	-.023731	.0249993	81.10111

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8556857	.0074599	.0070317	F 1388.443	.1478755	.1327998
Stddev	.0023860	.0002022	.0000452	10.538	.0011276	.0009360
%RSD	.2788379	2.710766	.6425068	.7589788	.7625192	.7048015
#1	.8547507	.0072603	.0069968	1377.887	.1466910	.1319663
#2	.8539088	.0076647	.0070827	1388.480	.1489359	.1326208
#3	.8583976	.0074548	.0070154	1398.963	.1479996	.1338124

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0413112	194.2629	5.362968	47.14904	.2218041	-.010659
Stddev	.0061782	.8900	.014899	.09753	.0016356	.000312
%RSD	14.95532	.4581496	.2778061	.2068649	.7373920	2.926978
#1	.0341935	194.2438	5.364199	47.04870	.2236175	-.010348
#2	.0452868	193.3826	5.347492	47.15492	.2213543	-.010972
#3	.0444534	195.1624	5.377213	47.24351	.2204405	-.010656

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2693019	.1495658	.2836916	20.08672	3.558121	-.036553
Stddev	.4195171	.0068228	.0051186	.11450	.003242	.003537
%RSD	155.7795	4.561762	1.804277	.5700147	.0911184	9.677145
#1	.7537184	.1458026	.2865719	20.03619	3.558933	-.036913
#2	.0269265	.1574415	.2867211	20.00618	3.560880	-.039896
#3	.0272608	.1454532	.2777818	20.21779	3.554550	-.032849

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

Sample Name: P4984-07 Acquired: 12/15/2024 0:38:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003978	1.132452	9.263872	.0296780	1.853889	.4919523
Stddev	.001317	.003838	.046839	.0010145	.007729	.0012305
%RSD	33.10111	.3389200	.5056045	3.418379	.4168819	.2501291
#1	-.002618	1.136649	9.300202	.0308285	1.862449	.4908527
#2	-.005247	1.131585	9.280405	.0289116	1.847426	.4917229
#3	-.004069	1.129122	9.211009	.0292940	1.851790	.4932814

Elem	Li6707
Units	ppm
Avg	.1698748
Stddev	.0030894
%RSD	1.818635
#1	.1723734
#2	.1664205
#3	.1708304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2094.117	25755.13	2477.997	1788.032	2309.626
Stddev	8.712	56.21	7.576	7.553	7.943
%RSD	.4160392	.2182636	.3057357	.4224192	.3439247
#1	2084.277	25710.91	2472.998	1785.918	2300.926
#2	2097.226	25818.39	2474.279	1781.762	2311.461
#3	2100.849	25736.10	2486.714	1796.417	2316.492

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

Sample Name: P4984-08 Acquired: 12/15/2024 0:42:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0261792**	**.0381783**	**.4389439**	**-.049173**	**-.005092**	**16.83911**
Stddev	.0044951	.0034384	.0053775	.003983	.001181	.08563
%RSD	17.17045	9.006038	1.225095	8.100226	23.18708	.5085360
#1	.0303444	.0419721	.4419215	-.046049	-.003805	16.74385
#2	.0214144	.0352678	.4421741	-.053658	-.005344	16.86377
#3	.0267788	.0372951	.4327363	-.047813	-.006126	16.90971

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1889789**	**.0019647**	**.0095988**	F **1689.509**	**.0505513**	**.0775312**
Stddev	.0021937	.0000904	.0000951	6.422	.0013507	.0008016
%RSD	1.160814	4.603192	.9912705	.3801348	2.672010	1.033893
#1	.1865667	.0018706	.0096568	1692.584	.0498570	.0772867
#2	.1908547	.0019724	.0096506	1693.815	.0521080	.0768803
#3	.1895151	.0020510	.0094890	1682.127	.0496890	.0784266

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0550095**	**95.87550**	**10.29564**	F **932.0759**	**.0797321**	**-.002209**
Stddev	.0056908	.39893	.05670	5.1605	.0006056	.001811
%RSD	10.34504	.4160910	.5507535	.5536520	.7595424	81.99184
#1	.0594750	95.58779	10.26175	927.8758	.0801141	-.004278
#2	.0569518	96.33090	10.36110	937.8365	.0800485	-.001446
#3	.0486019	95.70780	10.26408	930.5154	.0790339	-.000904

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.074710**	**.0444693**	**1.580546**	**7.636061**	**3.130746**	**.0397624**
Stddev	.298996	.0092191	.013432	.127865	.006403	.0019349
%RSD	27.82112	20.73135	.8498626	1.674488	.2045087	4.866160
#1	.876603	.0449989	1.578814	7.566810	3.123487	.0419960
#2	.928888	.0534121	1.594760	7.557760	3.133160	.0385975
#3	1.418639	.0349968	1.568063	7.783615	3.135591	.0386938

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

Sample Name: P4984-08 Acquired: 12/15/2024 0:42:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002499	19.40744	7.758400	.0267992	.1732800	.4885757
Stddev	.000586	.01388	.040711	.0013603	.0025189	.0033426
%RSD	23.44669	.0715359	.5247298	5.076051	1.453643	.6841440
#1	-.002474	19.41876	7.734061	.0269637	.1757944	.4867999
#2	-.003097	19.39195	7.805399	.0253641	.1732890	.4924314
#3	-.001926	19.41160	7.735740	.0280698	.1707567	.4864958

Elem	Li6707
Units	ppm
Avg	.0227144
Stddev	.0028385
%RSD	12.49664
#1	.0243375
#2	.0243689
#3	.0194368

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.711	22575.59	2207.097	1537.796	2100.672
Stddev	7.660	44.67	11.942	1.578	5.318
%RSD	.4220835	.1978753	.5410939	.1025857	.2531598
#1	1821.366	22566.79	2216.345	1538.744	2103.951
#2	1816.429	22624.01	2193.614	1535.975	2103.529
#3	1806.338	22535.97	2211.333	1538.669	2094.536

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

Sample Name: P4984-09 Acquired: 12/15/2024 0:46:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1036506**	**.0140257**	**.3070683**	**.0031594**	**.0302698**	**80.80600**
Stddev	.0047746	.0024685	.0017219	.0045110	.0011355	.22525
%RSD	4.606460	17.59980	.5607519	142.7804	3.751290	.2787487
#1	.1041934	.0135591	.3090564	.0081893	.0290516	80.83622
#2	.1081306	.0118238	.3060547	-.000528	.0312989	81.01461
#3	.0986277	.0166942	.3060937	.001817	.0304589	80.56717

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7995427**	**.0064593**	**.0069904**	**369.9227**	**.1223343**	**.1612583**
Stddev	.0029786	.0000517	.0001403	1.6997	.0008631	.0006525
%RSD	.3725401	.8009666	2.006989	.4594712	.7055304	.4046554
#1	.8008563	.0064822	.0069132	369.1934	.1221794	.1620043
#2	.8016387	.0064957	.0071523	371.8653	.1215592	.1607936
#3	.7961331	.0064001	.0069056	368.7093	.1232644	.1609771

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2508764**	**208.3668**	**7.343305**	**111.1668**	**.2463817**	**-.010071**
Stddev	.0073281	.9351	.023012	.3986	.0013468	.000903
%RSD	2.921007	.4487863	.3133782	.3585507	.5466210	8.970295
#1	.2592979	208.3366	7.337908	111.1154	.2478952	-.009412
#2	.2459512	209.3166	7.368536	111.5886	.2459346	-.011101
#3	.2473801	207.4471	7.323471	110.7964	.2453154	-.009702

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.627485**	**.2306991**	**.7438354**	**9.477627**	F **10.63941**	**-.092525**
Stddev	.355543	.0003289	.0073010	.042888	.01451	.003055
%RSD	21.84614	.1425512	.9815387	.4525174	.1364081	3.301956
#1	1.963685	.2306095	.7475559	9.526625	10.64099	-.091248
#2	1.255332	.2304244	.7485267	9.446903	10.62417	-.090316
#3	1.663438	.2310635	.7354235	9.459353	10.65306	-.096012

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

Sample Name: P4984-09 Acquired: 12/15/2024 0:46:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000669	1.564649	9.121513	.0300312	1.507929	.1660687
Stddev	.000428	.005114	.014932	.0016869	.004136	.0005313
%RSD	64.00237	.3268532	.1636956	5.617114	.2742540	.3199317
#1	-.000484	1.563732	9.106583	.0304206	1.508911	.1663147
#2	-.000365	1.570159	9.136446	.0281837	1.511485	.1664324
#3	-.001159	1.560055	9.121510	.0314894	1.503391	.1654590

Elem	Li6707
Units	ppm
Avg	.1211214
Stddev	.0023240
%RSD	1.918775
#1	.1203566
#2	.1237314
#3	.1192760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.593	29069.40	2698.779	2014.840	2443.564
Stddev	1.640	107.25	10.677	8.179	2.215
%RSD	.0694882	.3689567	.3956259	.4059494	.0906611
#1	2362.476	28946.12	2688.645	2007.024	2445.631
#2	2359.833	29141.23	2697.765	2014.158	2441.225
#3	2359.471	29120.87	2709.927	2023.339	2443.837

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

Sample Name: CCV023 Acquired: 12/15/2024 0:50:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.001420**	**5.338349**	**24.87068**	**4.777783**	**4.913759**	**429.2640**	**10.88261**
Stddev	.019788	.015287	.06765	.018751	.017411	.7573	.01169
%RSD	.3956426	.2863695	.2719929	.3924655	.3543349	.1764284	.1074088
#1	5.007729	5.354938	24.94666	4.799244	4.933557	429.3675	10.88071
#2	4.979247	5.324828	24.84838	4.764566	4.900831	428.4602	10.87200
#3	5.017284	5.335282	24.81700	4.769540	4.906888	429.9642	10.89514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4906096**	**2.481011**	**421.3371**	**14.98128**	**2.382774**	**15.68923**	**425.0722**
Stddev	.0014427	.008077	.7601	.19159	.007143	.02684	.5891
%RSD	.2940687	.3255638	.1803910	1.278843	.2997637	.1710480	.1385880
#1	.4909700	2.490121	421.4488	15.08135	2.390560	15.70315	424.4472
#2	.4918380	2.478191	420.5274	15.10211	2.381237	15.65829	425.6172
#3	.4890208	2.474722	422.0351	14.76038	2.376525	15.70624	425.1520

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.56097**	**396.8189**	**2.460529**	**1.274185**	**415.4231**	**2.573204**	**13.61176**
Stddev	.03747	1.3897	.007347	.013352	1.4880	.012484	.16025
%RSD	.2407688	.3502050	.2985890	1.047886	.3581790	.4851645	1.177302
#1	15.51774	395.5332	2.468923	1.281810	414.9656	2.559564	13.62480
#2	15.58397	398.2933	2.457396	1.281978	417.0861	2.584065	13.76509
#3	15.58121	396.6302	2.455268	1.258768	414.2176	2.575982	13.44539

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**155.3070**	**4.996086**	**4.753014**	**5.090905**	**4.900209**	**5.071531**	**5.119793**
Stddev	.2896	.016348	.014190	.007459	.029230	.006538	.021605
%RSD	.1864878	.3272226	.2985391	.1465118	.5964988	.1289229	.4219940
#1	155.6288	5.014434	4.739791	5.098481	4.933939	5.065476	5.144497
#2	155.2253	4.990753	4.751246	5.083570	4.882316	5.070653	5.110449
#3	155.0671	4.983069	4.768005	5.090663	4.884371	5.078464	5.104432

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

Sample Name: CCV023 Acquired: 12/15/2024 0:50:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV023 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.298333	4.867509	5.327346
Stddev	.011894	.011574	.009710
%RSD	.2244774	.2377898	.1822750
#1	5.284600	4.865779	5.328157
#2	5.305308	4.879851	5.317255
#3	5.305090	4.856897	5.336625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1602.017	21985.79	2103.430	1444.152	2204.235
Stddev	5.092	209.73	3.088	15.653	9.403
%RSD	.3178616	.9539410	.1468285	1.083910	.4265782
#1	1602.104	21824.99	2101.498	1434.137	2202.555
#2	1596.881	21909.35	2106.992	1436.128	2195.785
#3	1607.065	22223.02	2101.800	1462.190	2214.364

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

Sample Name: CCB023 Acquired: 12/15/2024 0:54:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000350**	**-.003587**	**.0023037**	**.0053369**	**-.000668**	**.0366136**
Stddev	.001980	.000517	.0011272	.0076464	.003150	.0250162
%RSD	564.9116	14.41006	48.92895	143.2736	471.2063	68.32483
#1	.001936	-.003311	.0032221	.0052464	.001924	.0106598
#2	-.001489	-.004183	.0010458	-.002264	-.004173	.0605726
#3	-.001497	-.003267	.0026434	.013028	.000244	.0386083

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002760**	**.0000238**	**-.000142**	**-.004679**	**.0002016**	**-.000059**
Stddev	.001591	.0001335	.000058	.055167	.0008917	.000207
%RSD	57.64182	561.6064	41.20454	1179.168	442.3495	349.1427
#1	-.002955	-.000078	-.000074	.049988	.0002803	-.000213
#2	-.004244	-.000026	-.000179	-.003691	.0010514	.000176
#3	-.001081	.000175	-.000172	-.060333	-.000727	-.000141

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006101**	**.0437336**	**.0009700**	**.0319983**	**-.001102**	**.0009468**
Stddev	.003134	.0502723	.0004198	.0401957	.000869	.0001489
%RSD	51.37386	114.9512	43.27324	125.6182	78.80075	15.72371
#1	-.003740	-.012196	.0013230	.0428450	-.000409	.0009930
#2	-.009658	.058238	.0010813	-.012508	-.000822	.0010671
#3	-.004906	.085159	.0005058	.065658	-.002076	.0007803

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2668936**	**-.002685**	**.0038213**	**.0975027**	**-.001621**	**-.003116**
Stddev	.3918393	.005297	.0081961	.0481922	.001059	.002039
%RSD	146.8148	197.2686	214.4831	49.42651	65.33924	65.44281
#1	-.175341	-.007606	-.002507	.1512977	-.001954	-.005243
#2	.570834	.002920	.000891	.0582740	-.000435	-.002927
#3	.405187	-.003369	.013080	.0829363	-.002474	-.001178

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

Sample Name: CCB023 Acquired: 12/15/2024 0:54:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB023 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012101	-.009930	-.038726	-.001135	-.004304	.0001638
Stddev	.0000923	.002036	.000921	.000950	.002037	.0001538
%RSD	7.625101	20.50518	2.378738	83.69638	47.32157	93.84907
#1	.0011978	-.010776	-.038925	-.001271	-.005347	.0003391
#2	.0013079	-.007607	-.039531	-.000124	-.001957	.0000516
#3	.0011246	-.011407	-.037721	-.002009	-.005607	.0001008

Elem	Li6707
Units	ppm
Avg	F -.035405
Stddev	.003882
%RSD	10.96399
#1	-.039788
#2	-.034028
#3	-.032399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2001.546	24610.62	2201.679	1719.404	2813.503
Stddev	9.711	259.79	4.930	18.997	13.228
%RSD	.4851973	1.055616	.2239152	1.104860	.4701543
#1	2012.135	24904.63	2195.988	1740.881	2828.141
#2	1993.055	24515.19	2204.598	1712.533	2802.406
#3	1999.447	24412.04	2204.453	1704.799	2809.962

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

Sample Name: P4984-10 Acquired: 12/15/2024 0:58:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1039180	.0050324	2.165000	.0181897	.0325505	86.86339
Stddev	.0029884	.0023016	.002500	.0033429	.0010093	.83807
%RSD	2.875750	45.73523	.1154681	18.37809	3.100689	.9648142
#1	.1011923	.0076592	2.167833	.0161722	.0326754	85.95486
#2	.1034482	.0040687	2.164064	.0220484	.0334915	87.60626
#3	.1071135	.0033694	2.163103	.0163485	.0314845	87.02905

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.505214	.0070791	.0114077	57.71149	.1623461	.1114342
Stddev	.013689	.0000923	.0001042	.55034	.0011013	.0008559
%RSD	.9094654	1.303113	.9134302	.9536042	.6783509	.7680377
#1	1.491657	.0071341	.0112951	57.17011	.1610744	.1123295
#2	1.519032	.0069726	.0114271	58.27037	.1629799	.1106242
#3	1.504952	.0071305	.0115008	57.69401	.1629839	.1113487

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3261723	175.8108	7.036316	29.47167	.2611516	-.005680
Stddev	.0026761	1.6479	.065901	.30887	.0001793	.000402
%RSD	.8204622	.9373278	.9365792	1.048035	.0686431	7.077258
#1	.3289250	174.2661	6.977069	29.11738	.2610025	-.005754
#2	.3235799	177.5455	7.107295	29.68430	.2611019	-.006040
#3	.3260119	175.6208	7.024585	29.61334	.2613505	-.005246

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8601144	.1902339	2.634238	11.87510	F 14.87105	-.054741
Stddev	.2768659	.0078349	.016462	.06529	.01377	.003657
%RSD	32.18943	4.118576	.6249205	.5498195	.0926136	6.679879
#1	.5405986	.1841050	2.633621	11.80839	14.87392	-.054484
#2	1.010547	.1875351	2.618093	11.93887	14.85607	-.051220
#3	1.029198	.1990615	2.650999	11.87805	14.88316	-.058520

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

Sample Name: P4984-10 Acquired: 12/15/2024 0:58:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040462	5.276381	9.650078	.1117257	1.320977	.0221115
Stddev	.0005254	.008976	.080660	.0014657	.009991	.0002600
%RSD	12.98443	.1701228	.8358489	1.311856	.7563365	1.175794
#1	.0041169	5.280272	9.558667	.1116553	1.311943	.0219794
#2	.0034891	5.266115	9.680322	.1102965	1.331707	.0224110
#3	.0045327	5.282755	9.711246	.1132253	1.319279	.0219441

Elem	Li6707
Units	ppm
Avg	.0974035
Stddev	.0027744
%RSD	2.848309
#1	.0945398
#2	.1000789
#3	.0975919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.507	31122.53	2813.888	2160.946	2603.110
Stddev	9.413	112.15	14.380	8.245	8.044
%RSD	.3730089	.3603479	.5110312	.3815349	.3090027
#1	2513.751	31252.01	2829.848	2168.491	2594.917
#2	2532.535	31055.74	2801.941	2162.201	2610.996
#3	2524.235	31059.85	2809.875	2152.146	2603.416

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

Sample Name: P4984-11 Acquired: 12/15/2024 1:02:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1175613	.0056147	2.023645	.0239509	.0365313	80.52990
Stddev	.0028727	.0028487	.004132	.0025883	.0012826	.09622
%RSD	2.443529	50.73593	.2041752	10.80655	3.510870	.1194851
#1	.1208694	.0040384	2.019909	.0210596	.0361591	80.43598
#2	.1156957	.0039025	2.022944	.0247414	.0354760	80.62826
#3	.1161190	.0089031	2.028083	.0260517	.0379588	80.52547

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003063	.0067027	.0114027	51.00053	.1523245	.1118803
Stddev	.003554	.0001868	.0001007	.02958	.0004590	.0006172
%RSD	.1774504	2.787580	.8828950	.0579900	.3013345	.5516389
#1	1.999163	.0064887	.0113200	50.97985	.1527799	.1112099
#2	2.003907	.0067863	.0115148	51.03441	.1518620	.1120064
#3	2.006120	.0068331	.0113733	50.98734	.1523314	.1124247

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.057565	176.8143	8.756387	27.80607	.2671139	-.005186
Stddev	.003228	.7263	.024291	.09999	.0006639	.000837
%RSD	.3052222	.4107646	.2774045	.3595800	.2485530	16.13308
#1	1.055850	176.0427	8.735035	27.76619	.2668988	-.004228
#2	1.061288	177.4847	8.782814	27.91984	.2665842	-.005562
#3	1.055556	176.9153	8.751313	27.73218	.2678587	-.005769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8548173	.1853079	2.455584	10.42075	F 13.08936	-.059686
Stddev	.0880472	.0064736	.026331	.08521	.02629	.001960
%RSD	10.30011	3.493421	1.072288	.8176576	.2008407	3.284212
#1	.8483799	.1778684	2.476926	10.34437	13.07595	-.057649
#2	.7701655	.1883972	2.426159	10.51265	13.07249	-.059851
#3	.9459064	.1896582	2.463666	10.40522	13.11965	-.061559

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

Sample Name: P4984-11 Acquired: 12/15/2024 1:02:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033730	3.468344	8.888731	.0963681	1.299271	.0107241
Stddev	.0002171	.009582	.041107	.0018674	.001777	.0003013
%RSD	6.437342	.2762807	.4624672	1.937796	.1367793	2.809375
#1	.0031839	3.460528	8.841374	.0969674	1.297864	.0110140
#2	.0036101	3.465469	8.915200	.0942746	1.298681	.0104126
#3	.0033250	3.479035	8.909620	.0978623	1.301268	.0107458

Elem	Li6707
Units	ppm
Avg	.0945005
Stddev	.0031812
%RSD	3.366328
#1	.0911224
#2	.0949401
#3	.0974391

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2522.702	31084.69	2811.326	2167.678	2640.673
Stddev	1.460	205.60	4.339	16.644	4.498
%RSD	.0578822	.6614187	.1543464	.7678299	.1703280
#1	2521.018	30921.79	2816.166	2156.694	2638.968
#2	2523.476	31315.70	2807.783	2186.828	2645.775
#3	2523.613	31016.57	2810.030	2159.512	2637.278

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

Sample Name: P4984-12 Acquired: 12/15/2024 1:05:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1197954	.0090127	2.086593	.0185574	.0304664	87.90626
Stddev	.0028056	.0024507	.006135	.0030238	.0007952	.75755
%RSD	2.342023	27.19213	.2940365	16.29440	2.610011	.8617658
#1	.1166728	.0111099	2.079524	.0160598	.0295493	87.03280
#2	.1221040	.0096094	2.090523	.0176933	.0308857	88.30210
#3	.1206094	.0063187	2.089734	.0219193	.0309641	88.38389

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.634808	.0072309	.0171447	63.12443	.1658598	.1128687
Stddev	.011341	.0001190	.0001304	.47685	.0014910	.0005693
%RSD	.6936969	1.646094	.7607633	.7554081	.8989272	.5044306
#1	1.621838	.0071119	.0170869	62.58063	.1643065	.1122160
#2	1.639731	.0073500	.0172940	63.47114	.1672794	.1131269
#3	1.642856	.0072310	.0170531	63.32153	.1659933	.1132632

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3284636	176.7009	7.389863	32.86534	.2796911	-.005503
Stddev	.0058958	1.5020	.068312	.38634	.0013603	.000755
%RSD	1.794969	.8500060	.9244073	1.175522	.4863597	13.71978
#1	.3343086	174.9732	7.311198	32.41939	.2782927	-.006360
#2	.3285638	177.6963	7.424156	33.09841	.2797706	-.004939
#3	.3225183	177.4331	7.434236	33.07823	.2810098	-.005209

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7188541	.1831303	3.962806	11.49414	F 16.23304	-.054067
Stddev	.2133698	.0054271	.015295	.16029	.04417	.000892
%RSD	29.68193	2.963490	.3859602	1.394530	.2720705	1.649509
#1	.7483485	.1866480	3.949173	11.33875	16.18205	-.053191
#2	.4922716	.1858628	3.959900	11.48476	16.25906	-.054974
#3	.9159424	.1768801	3.979345	11.65892	16.25803	-.054035

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

Sample Name: P4984-12 Acquired: 12/15/2024 1:05:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018062	2.946668	8.691040	.3056668	1.297185	.0381484
Stddev	.0004417	.017444	.088328	.0006349	.015155	.0006322
%RSD	24.45271	.5919850	1.016314	.2076967	1.168316	1.657097
#1	.0014498	2.926615	8.594455	.3050601	1.279698	.0375536
#2	.0016685	2.955051	8.767712	.3063265	1.306501	.0380793
#3	.0023003	2.958338	8.710952	.3056138	1.305356	.0388123

Elem	Li6707
Units	ppm
Avg	.0963841
Stddev	.0011533
%RSD	1.196566
#1	.0976317
#2	.0961636
#3	.0953569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2660.685	32628.30	2977.114	2270.789	2651.504
Stddev	2.693	71.09	26.372	5.771	8.733
%RSD	.1012285	.2178806	.8858399	.2541553	.3293481
#1	2662.968	32602.70	3007.410	2269.357	2660.442
#2	2657.714	32708.64	2959.300	2277.141	2642.993
#3	2661.372	32573.55	2964.632	2265.868	2651.076

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

Sample Name: P4984-13 Acquired: 12/15/2024 1:09:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853556	.0019992	.6641978	.0203153	.0311989	99.60163
Stddev	.0017248	.0022923	.0015016	.0020810	.0028655	.24948
%RSD	2.020715	114.6630	.2260793	10.24357	9.184672	.2504814
#1	.0834269	.0045755	.6632111	.0223100	.0344443	99.34085
#2	.0867501	.0012370	.6659259	.0181576	.0301341	99.83802
#3	.0858896	.0001851	.6634563	.0204782	.0290181	99.62603

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.075934	.0072111	.0105241	49.12829	.1767043	.1072348
Stddev	.002630	.0002362	.0000264	.10211	.0008630	.0003477
%RSD	.2444173	3.274976	.2510057	.2078403	.4883929	.3242512
#1	1.073094	.0073012	.0104976	49.02177	.1775208	.1075854
#2	1.078284	.0073890	.0105504	49.22532	.1767907	.1068901
#3	1.076423	.0069432	.0105244	49.13779	.1758013	.1072288

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1514178	187.4882	5.876646	32.83636	.2607835	-.007296
Stddev	.0030880	.3532	.012370	.12934	.0007408	.000255
%RSD	2.039362	.1883954	.2104997	.3938930	.2840535	3.497750
#1	.1501288	187.1025	5.864046	32.96743	.2615573	-.007523
#2	.1491832	187.5663	5.888773	32.83282	.2600809	-.007345
#3	.1549414	187.7959	5.877120	32.70883	.2607125	-.007020

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3773324	.1875423	2.157587	9.143569	F 12.72233	-.078096
Stddev	.3267801	.0019424	.014288	.064005	.02865	.002622
%RSD	86.60270	1.035735	.6622322	.6999979	.2252076	3.357181
#1	.3999645	.1890334	2.169085	9.123560	12.75540	-.077503
#2	.6922081	.1882477	2.141591	9.215188	12.70643	-.080963
#3	.0398246	.1853457	2.162085	9.091959	12.70515	-.075821

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

Sample Name: P4984-13 Acquired: 12/15/2024 1:09:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011703	2.575356	8.030238	.0378405	1.219604	-.025051
Stddev	.0003553	.004957	.068344	.0003677	.006513	.000238
%RSD	30.36221	.1924627	.8510884	.9718193	.5340266	.9498447
#1	.0011606	2.573635	8.018574	.0378958	1.212090	-.025068
#2	.0015304	2.580944	8.103663	.0381774	1.223081	-.024805
#3	.0008199	2.571489	7.968475	.0374482	1.223640	-.025280

Elem	Li6707
Units	ppm
Avg	.1066569
Stddev	.0024532
%RSD	2.300113
#1	.1066169
#2	.1042240
#3	.1091299

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.197	34684.65	3152.259	2419.816	2717.402
Stddev	8.918	120.55	15.632	4.162	4.782
%RSD	.3166673	.3475643	.4958933	.1720152	.1759858
#1	2825.138	34663.93	3160.049	2418.504	2721.700
#2	2807.302	34575.80	3134.263	2416.467	2712.250
#3	2816.150	34814.22	3162.464	2424.476	2718.255

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

Sample Name: P4984-14 Acquired: 12/15/2024 1:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0658028	.0053653	.4099334	.0193653	.0295963	82.25638	1.258580
Stddev	.0029431	.0006220	.0027985	.0018261	.0006167	.08114	.003473
%RSD	4.472619	11.59335	.6826840	9.429798	2.083843	.0986418	.2759447
#1	.0626445	.0049594	.4069581	.0206732	.0296301	82.34113	1.262578
#2	.0662951	.0060814	.4103291	.0201437	.0289634	82.24859	1.256860
#3	.0684687	.0050550	.4125130	.0172790	.0301955	82.17941	1.256304

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055335	.0079663	39.03466	.1323154	.1053679	.0995399	169.0767
Stddev	.0001281	.0001166	.05235	.0002965	.0014303	.0027834	.3483
%RSD	2.315344	1.463896	.1341105	.2241038	1.357384	2.796318	.2060219
#1	.0056702	.0078429	38.98220	.1325435	.1037417	.1019219	168.9250
#2	.0055142	.0079811	39.08689	.1319802	.1059319	.0964802	169.4752
#3	.0054162	.0080747	39.03488	.1324225	.1064303	.1002178	168.8300

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.308818	29.55182	.2267899	-.005513	.8352628	.1602504	1.953662
Stddev	.023821	.15655	.0027948	.001533	.5022795	.0061984	.008718
%RSD	.2559006	.5297570	1.232345	27.80617	60.13430	3.867963	.4462246
#1	9.316626	29.38827	.2238860	-.004669	.7024042	.1562703	1.944913
#2	9.327756	29.70029	.2270227	-.004587	1.390616	.1570889	1.962348
#3	9.282073	29.56690	.2294611	-.007282	.412769	.1673921	1.953725

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.098375	9.109925	-.078936	.0000130	1.356374	9.135266	.0335069
Stddev	.097187	.116274	.002078	.0002380	.018906	.015993	.0001172
%RSD	1.369141	1.276348	2.632902	1827.715	1.393868	.1750703	.3497019
#1	7.209572	8.986968	-.080559	.0001315	1.334695	9.131828	.0336119
#2	7.029672	9.124702	-.079656	-.000261	1.364993	9.121271	.0333805
#3	7.055881	9.218104	-.076593	.000169	1.369436	9.152698	.0335282

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

Sample Name: P4984-14 Acquired: 12/15/2024 1:13:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.361952	-.038214	.0883754
Stddev	.005436	.000396	.0061442
%RSD	.3991113	1.037121	6.952389
#1	1.366390	-.038480	.0940439
#2	1.363577	-.038404	.0892361
#3	1.355889	-.037759	.0818462

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2513.776	31151.55	2816.298	2168.050	2739.702
Stddev	20.566	114.89	16.625	9.520	28.017
%RSD	.8181507	.3688244	.5903202	.4391123	1.022634
#1	2537.206	31031.74	2797.107	2157.269	2771.633
#2	2505.413	31162.11	2826.293	2171.582	2728.235
#3	2498.708	31260.80	2825.495	2175.299	2719.237

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

Sample Name: P4984-15 Acquired: 12/15/2024 1:17:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0855402**	**-.000860**	**.3053705**	**.0193843**	**.0366301**	**82.79795**
Stddev	.0053181	.002378	.0030349	.0042431	.0023161	.13917
%RSD	6.217094	276.6239	.9938450	21.88931	6.323032	.1680861
#1	.0913544	.001840	.3069004	.0153074	.0339823	82.95553
#2	.0809218	-.001775	.3073360	.0190695	.0376283	82.69188
#3	.0843444	-.002644	.3018752	.0237760	.0382798	82.74643

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6924504**	**.0060016**	**.0078402**	**45.60680**	**.1274695**	**.1088778**
Stddev	.0018658	.0000350	.0000858	.07084	.0007337	.0007749
%RSD	.2694532	.5835223	1.094029	.1553261	.5755800	.7116771
#1	.6943589	.0059939	.0078850	45.62167	.1276418	.1094028
#2	.6923620	.0059711	.0078942	45.66903	.1266649	.1092428
#3	.6906304	.0060399	.0077413	45.52971	.1281016	.1079879

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1258798**	**201.7383**	**6.749394**	**32.53715**	**.2313236**	**-.008508**
Stddev	.0042834	.1423	.024684	.05815	.0012661	.001144
%RSD	3.402768	.0705353	.3657191	.1787121	.5473340	13.45100
#1	.1297958	201.8969	6.775453	32.50152	.2315344	-.007927
#2	.1213053	201.6217	6.726365	32.60425	.2324711	-.009827
#3	.1265383	201.6964	6.746365	32.50568	.2299653	-.007771

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.695488**	**.1889091**	**1.365807**	**7.216885**	F **11.45048**	**-.102671**
Stddev	.217478	.0057235	.011785	.081519	.07383	.000463
%RSD	12.82684	3.029748	.8628307	1.129561	.6447958	.4507730
#1	1.668256	.1861427	1.378010	7.209247	11.49842	-.102267
#2	1.925299	.1850943	1.364922	7.301954	11.48756	-.103176
#3	1.492908	.1954902	1.354491	7.139454	11.36546	-.102570

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

Sample Name: P4984-15 Acquired: 12/15/2024 1:17:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000657	1.199808	9.353735	.0299469	1.427561	-.048698
Stddev	.0002375	.006611	.057847	.0004736	.004657	.000155
%RSD	361.6870	.5509711	.6184401	1.581557	.3262338	.3175160
#1	-.000207	1.202067	9.358765	.0296582	1.427412	-.048725
#2	.000225	1.204994	9.293537	.0296890	1.432291	-.048532
#3	.000180	1.192365	9.408903	.0304935	1.422980	-.048837

Elem	Li6707
Units	ppm
Avg	.0971829
Stddev	.0044836
%RSD	4.613541
#1	.0962007
#2	.1020761
#3	.0932718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.745	30520.11	2772.599	2121.130	2680.753
Stddev	12.871	108.93	12.342	10.618	20.457
%RSD	.5161323	.3569240	.4451407	.5005740	.7630942
#1	2483.481	30497.68	2762.266	2117.092	2662.779
#2	2489.567	30424.14	2786.265	2113.122	2676.466
#3	2508.185	30638.52	2769.266	2133.174	2703.013

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

Sample Name: P4984-16 Acquired: 12/15/2024 1:21:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0843419**	**.0129311**	**.4575976**	**.0260458**	**.0318113**	**81.75897**
Stddev	.0026141	.0032696	.0023469	.0003301	.0005114	.48244
%RSD	3.099384	25.28481	.5128683	1.267520	1.607655	.5900794
#1	.0868461	.0142346	.4559514	.0261436	.0323573	81.48205
#2	.0845493	.0092108	.4565565	.0263159	.0313435	82.31604
#3	.0816303	.0153479	.4602849	.0256778	.0317330	81.47880

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8113496**	**.0052675**	**.0085360**	**48.95347**	**.1318117**	**.1189219**
Stddev	.0069966	.0000748	.0001446	.35395	.0004630	.0004733
%RSD	.8623361	1.420435	1.694026	.7230352	.3512897	.3979759
#1	.8081606	.0052266	.0083695	48.78341	.1322820	.1193836
#2	.8193725	.0053538	.0086302	49.36035	.1313563	.1184379
#3	.8065156	.0052220	.0086082	48.71663	.1317966	.1189444

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1368475**	**186.2929**	**13.35323**	**34.98022**	**.2440889**	**-.006487**
Stddev	.0039774	1.1223	.10409	.11397	.0007084	.000388
%RSD	2.906455	.6024428	.7795235	.3258100	.2902115	5.988452
#1	.1396320	185.9538	13.31320	35.02199	.2449014	-.006358
#2	.1386184	187.5456	13.47139	35.06740	.2436006	-.006179
#3	.1322922	185.3792	13.27509	34.85125	.2437648	-.006923

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.106231**	**.1900352**	**1.253279**	**9.202399**	F **11.41355**	**-.086559**
Stddev	.858545	.0126566	.011060	.135594	.02076	.002890
%RSD	77.60992	6.660156	.8825135	1.473464	.1819119	3.338244
#1	.851208	.1754929	1.265321	9.260810	11.42159	-.087278
#2	2.063395	.1985637	1.243573	9.298999	11.42909	-.089022
#3	.404091	.1960491	1.250944	9.047389	11.38997	-.083378

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

Sample Name: P4984-16 Acquired: 12/15/2024 1:21:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006796	1.427566	5.290950	.0501852	1.569627	-.019666
Stddev	.0005306	.013209	.067661	.0007651	.011768	.000148
%RSD	78.07041	.9252893	1.278808	1.524546	.7497449	.7511345
#1	.0002833	1.442589	5.273601	.0494016	1.561390	-.019562
#2	.0004731	1.417771	5.365596	.0509304	1.583105	-.019601
#3	.0012824	1.422340	5.233652	.0502236	1.564386	-.019835

Elem	Li6707
Units	ppm
Avg	.1026190
Stddev	.0039756
%RSD	3.874134
#1	.1068347
#2	.0989375
#3	.1020849

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.788	30751.83	2797.395	2128.419	2671.951
Stddev	5.841	226.80	22.260	17.222	8.198
%RSD	.2338330	.7375074	.7957570	.8091328	.3068045
#1	2502.269	30507.26	2790.434	2108.536	2669.648
#2	2491.182	30955.21	2779.447	2138.048	2665.151
#3	2499.912	30793.01	2822.304	2138.673	2681.054

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

Sample Name: P4984-17 Acquired: 12/15/2024 1:25:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1035137**	**.0100148**	**2.393864**	**.0166664**	**.0282998**	**76.48007**
Stddev	.0018009	.0006482	.010807	.0019191	.0020471	.31992
%RSD	1.739766	6.472670	.4514302	11.51463	7.233560	.4182992
#1	.1014784	.0107170	2.382095	.0174453	.0259374	76.84707
#2	.1049009	.0098883	2.396156	.0144803	.0295516	76.33303
#3	.1041616	.0094392	2.403341	.0180735	.0294103	76.26011

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.758736**	**.0067307**	**.0083289**	**70.69969**	**.1539016**	**.1002455**
Stddev	.007774	.0000783	.0000135	.32602	.0005904	.0009388
%RSD	.4420478	1.163745	.1617939	.4611346	.3835937	.9364641
#1	1.767543	.0067176	.0083280	71.04583	.1533805	.0999582
#2	1.755841	.0068148	.0083159	70.39844	.1537815	.0994840
#3	1.752824	.0066598	.0083428	70.65481	.1545428	.1012944

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3980670**	**149.6488**	**6.318612**	**30.94237**	**.2815300**	**-.003638**
Stddev	.0043947	.5245	.017133	.04466	.0015212	.000210
%RSD	1.104006	.3504714	.2711543	.1443214	.5403432	5.782059
#1	.3930836	150.2276	6.338294	30.91096	.2797841	-.003595
#2	.3997293	149.2053	6.310507	30.92266	.2822356	-.003866
#3	.4013880	149.5133	6.307036	30.99349	.2825702	-.003452

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4510205**	**.1873935**	**2.176421**	**10.21802**	F **15.01848**	**-.036857**
Stddev	.4521677	.0070532	.025885	.15568	.07570	.002719
%RSD	100.2544	3.763857	1.189334	1.523563	.5040758	7.376430
#1	.5805297	.1937917	2.192849	10.39590	14.94528	-.035035
#2	.8243026	.1798303	2.146583	10.15154	15.01368	-.039982
#3	-.051771	.1885585	2.189832	10.10663	15.09647	-.035554

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

Sample Name: P4984-17 Acquired: 12/15/2024 1:25:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043273	4.955643	9.188592	.1129083	1.342767	.0857345
Stddev	.0002712	.026461	.017556	.0017078	.009588	.0004154
%RSD	6.268227	.5339665	.1910616	1.512512	.7140221	.4845348
#1	.0042666	4.943138	9.172728	.1146139	1.351311	.0861784
#2	.0040916	4.937752	9.185594	.1111984	1.344591	.0856700
#3	.0046238	4.986040	9.207453	.1129126	1.332398	.0853551

Elem	Li6707
Units	ppm
Avg	.0979787
Stddev	.0069302
%RSD	7.073140
#1	.1058048
#2	.0926195
#3	.0955117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2495.030	30651.96	2784.355	2123.755	2679.904
Stddev	6.064	40.85	6.039	2.330	9.472
%RSD	.2430445	.1332773	.2168926	.1096909	.3534437
#1	2501.844	30641.18	2779.885	2125.150	2690.835
#2	2490.228	30617.58	2781.955	2121.066	2674.107
#3	2493.016	30697.12	2791.226	2125.050	2674.770

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

Sample Name: P4984-18 Acquired: 12/15/2024 1:28:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1067163**	**.0059812**	**2.183316**	**.0139426**	**.0285693**	**70.21221**
Stddev	.0024168	.0034200	.003550	.0047906	.0003846	1.61086
%RSD	2.264696	57.17941	.1625842	34.35964	1.346140	2.294277
#1	.1092083	.0020495	2.180792	.0097410	.0288567	71.17435
#2	.1043824	.0076267	2.187375	.0191595	.0287189	71.10977
#3	.1065583	.0082674	2.181780	.0129273	.0281325	68.35252

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.631602**	**.0063623**	**.0077443**	**68.52655**	**.1425590**	**.0958396**
Stddev	.039492	.0001694	.0001638	1.56194	.0030116	.0008857
%RSD	2.420458	2.662177	2.115155	2.279326	2.112498	.9241405
#1	1.653980	.0064577	.0075561	69.46727	.1433362	.0948353
#2	1.654824	.0064624	.0078548	69.38885	.1392350	.0961745
#3	1.586003	.0061667	.0078221	66.72355	.1451057	.0965090

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3604271**	**155.5046**	**5.702685**	**27.65111**	**.2247149**	**-.003803**
Stddev	.0094228	3.7218	.140641	.55872	.0004805	.000858
%RSD	2.614337	2.393392	2.466232	2.020612	.2138219	22.54576
#1	.3606761	157.5443	5.773682	27.83572	.2250000	-.003995
#2	.3697230	157.7607	5.793676	28.09415	.2241602	-.002867
#3	.3508823	151.2088	5.540697	27.02344	.2249846	-.004549

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6039054**	**.1831187**	**1.968790**	**9.617999**	F **13.80970**	**-.046834**
Stddev	1.306708	.0060179	.034225	.256822	.01592	.001904
%RSD	216.3763	3.286321	1.738401	2.670225	.1152760	4.065222
#1	2.022292	.1829092	1.998716	9.599090	13.79138	-.045953
#2	-.550958	.1892385	1.931473	9.883753	13.82018	-.045531
#3	.340383	.1772083	1.976181	9.371154	13.81754	-.049019

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

Sample Name: P4984-18 Acquired: 12/15/2024 1:28:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044750	4.076818	8.978925	.1033603	1.262376	.0705072
Stddev	.0003801	.016733	.125109	.0011325	.031605	.0019641
%RSD	8.494528	.4104379	1.393361	1.095703	2.503624	2.785691
#1	.0046618	4.072658	9.067289	.1020970	1.277921	.0712815
#2	.0040376	4.062557	9.033718	.1042846	1.283198	.0719663
#3	.0047256	4.095238	8.835768	.1036993	1.226009	.0682740

Elem	Li6707
Units	ppm
Avg	.0851654
Stddev	.0048397
%RSD	5.682715
#1	.0816693
#2	.0906891
#3	.0831378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2468.903	30407.30	2760.050	2112.038	2714.323
Stddev	2.890	399.45	53.333	37.582	4.336
%RSD	.1170677	1.313676	1.932328	1.779415	.1597400
#1	2469.327	30160.42	2731.185	2091.482	2717.523
#2	2471.557	30868.15	2727.372	2155.414	2716.058
#3	2465.824	30193.32	2821.595	2089.218	2709.388

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

Sample Name: P4984-19 Acquired: 12/15/2024 1:32:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3706308	.0002149	2.488419	.0242493	.0446963	72.18329
Stddev	.0047063	.0035380	.025096	.0037199	.0006291	.38067
%RSD	1.269813	1646.685	1.008521	15.34009	1.407602	.5273656
#1	.3727795	.0039192	2.484914	.0215758	.0448407	71.75949
#2	.3738794	-.003129	2.465260	.0284976	.0440076	72.49621
#3	.3652337	-.000145	2.515084	.0226747	.0452408	72.29418

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.865118	.0082499	.0119006	83.26008	.1393256	.1363577
Stddev	.010139	.0000976	.0000582	.22607	.0005373	.0010753
%RSD	.5436375	1.182588	.4894243	.2715241	.3856350	.7885716
#1	1.854696	.0083464	.0118541	83.01339	.1398738	.1367248
#2	1.874949	.0081513	.0118817	83.45736	.1393030	.1351470
#3	1.865710	.0082519	.0119659	83.30950	.1387999	.1372014

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5577061	246.9717	6.549186	30.30320	.2806219	-.010338
Stddev	.0046778	1.2921	.038768	.15080	.0025599	.000732
%RSD	.8387635	.5231779	.5919546	.4976336	.9122206	7.085243
#1	.5551304	245.4992	6.504706	30.14117	.2812295	-.010545
#2	.5631057	247.9164	6.575802	30.43943	.2778129	-.009524
#3	.5548822	247.4994	6.567050	30.32901	.2828234	-.010944

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068614	.3022638	2.197651	10.30824	F 16.71022	-.108475
Stddev	.287694	.0028354	.005167	.07514	.14139	.004020
%RSD	26.92214	.9380646	.2351245	.7289618	.8461234	3.706317
#1	.985917	.3053300	2.193367	10.35918	16.72074	-.111210
#2	1.388599	.3017248	2.203390	10.34361	16.56387	-.110356
#3	.831325	.2997365	2.196196	10.22194	16.84606	-.103859

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

Sample Name: P4984-19 Acquired: 12/15/2024 1:32:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064148	3.811701	8.348370	.1218550	1.229876	.0174033
Stddev	.0007109	.017172	.024908	.0025414	.013988	.0003828
%RSD	11.08216	.4505006	.2983601	2.085565	1.137356	2.199621
#1	.0058195	3.808613	8.320850	.1218850	1.217479	.0176330
#2	.0062230	3.796283	8.369369	.1192988	1.245041	.0176155
#3	.0072020	3.830207	8.354890	.1243813	1.227107	.0169614

Elem	Li6707
Units	ppm
Avg	.0952232
Stddev	.0025082
%RSD	2.634038
#1	.0930221
#2	.0946936
#3	.0979539

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2693.936	33071.14	3034.403	2300.107	2635.242
Stddev	16.174	18.15	7.396	3.090	23.609
%RSD	.6003922	.0548887	.2437304	.1343613	.8958768
#1	2689.821	33053.61	3038.887	2301.840	2632.606
#2	2711.770	33069.96	3025.867	2296.539	2660.058
#3	2680.217	33089.86	3038.456	2301.942	2613.062

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

Sample Name: P4984-20 Acquired: 12/15/2024 1:36:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3363544**	**.0025500**	**2.471817**	**.0229895**	**.0418326**	**72.89029**
Stddev	.0035425	.0024516	.015105	.0010967	.0014548	.24687
%RSD	1.053197	96.14157	.6110844	4.770448	3.477709	.3386808
#1	.3369684	-.000092	2.467399	.0220853	.0434676	73.11038
#2	.3325451	.004751	2.459413	.0226739	.0406811	72.93713
#3	.3395497	.002991	2.488638	.0242094	.0413490	72.62336

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.854649**	**.0080035**	**.0114054**	**86.75514**	**.1378770**	**.1316404**
Stddev	.005278	.0000899	.0000459	.24885	.0020455	.0010196
%RSD	.2845812	1.123788	.4023572	.2868451	1.483600	.7745087
#1	1.860281	.0079296	.0114410	86.94911	.1355721	.1310795
#2	1.853851	.0079773	.0114217	86.84176	.1394765	.1310244
#3	1.849815	.0081037	.0113537	86.47456	.1385823	.1328172

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5327159**	**232.6677**	**6.670334**	**32.77072**	**.2720090**	**-.009379**
Stddev	.0015738	.3901	.018172	.09953	.0009069	.000415
%RSD	.2954200	.1676559	.2724336	.3037061	.3334151	4.421019
#1	.5310830	232.3849	6.687714	32.72392	.2711231	-.009158
#2	.5328417	233.1127	6.671827	32.70322	.2719684	-.009123
#3	.5342230	232.5054	6.651461	32.88502	.2729355	-.009858

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.087743**	**.2880860**	**2.148183**	**10.22756**	F **16.12322**	**-.103684**
Stddev	.509123	.0039566	.026734	.06832	.08543	.002137
%RSD	46.80548	1.373423	1.244481	.6680357	.5298328	2.061405
#1	.640950	.2889213	2.117371	10.29791	16.10223	-.101761
#2	.980249	.2915583	2.161959	10.16146	16.05025	-.105985
#3	1.642030	.2837784	2.165220	10.22330	16.21719	-.103307

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

Sample Name: P4984-20 Acquired: 12/15/2024 1:36:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060413	3.628042	8.430694	.1185083	1.243451	.0311293
Stddev	.0001637	.014855	.072436	.0014236	.005653	.0008575
%RSD	2.710338	.4094440	.8591973	1.201234	.4546526	2.754612
#1	.0058809	3.616163	8.350661	.1171978	1.246271	.0320493
#2	.0060350	3.623265	8.491758	.1183042	1.236942	.0303523
#3	.0062082	3.644697	8.449663	.1200229	1.247140	.0309864

Elem	Li6707
Units	ppm
Avg	.0968370
Stddev	.0046158
%RSD	4.766513
#1	.0915775
#2	.0987196
#3	.1002140

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2708.562	33339.35	3050.058	2315.519	2687.065
Stddev	2.261	240.22	5.503	19.010	6.591
%RSD	.0834725	.7205396	.1804243	.8209884	.2453007
#1	2710.559	33565.60	3051.927	2336.759	2688.322
#2	2709.019	33087.24	3043.864	2300.100	2692.937
#3	2706.107	33365.20	3054.383	2309.698	2679.935

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

Sample Name: P4984-19LX5 Acquired: 12/15/2024 1:40:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717209	-.001010	.4793280	.0017746	.0091021	17.75139	.4568282
Stddev	.0040067	.000364	.0029114	.0016929	.0001263	.22876	.0063614
%RSD	5.586590	36.00813	.6073912	95.39762	1.387658	1.288680	1.392522
#1	.0699806	-.001165	.4804896	-.000069	.0090083	17.78656	.4579154
#2	.0763035	-.001271	.4814793	.003259	.0090522	17.50709	.4499932
#3	.0688785	-.000595	.4760152	.002134	.0092457	17.96053	.4625760

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022426	.0017603	20.51354	.0339706	.0308806	.1269058	61.36330
Stddev	.0000862	.0001485	.16890	.0001942	.0003907	.0046441	.76764
%RSD	3.842011	8.437388	.8233674	.5717816	1.265094	3.659504	1.250979
#1	.0022260	.0017364	20.51008	.0341795	.0313088	.1225688	61.51017
#2	.0021660	.0019194	20.34640	.0339366	.0305437	.1318057	60.53283
#3	.0023359	.0016252	20.68415	.0337956	.0307893	.1263429	62.04689

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.631519	7.569292	.0509125	-.001810	.7534309	.0785458	.5239749
Stddev	.025229	.135515	.0005052	.000795	.0774291	.0103532	.0127162
%RSD	1.546361	1.790328	.9921954	43.92119	10.27687	13.18109	2.426880
#1	1.638269	7.616445	.0507003	-.001655	.8085042	.0743324	.5148983
#2	1.603601	7.416500	.0514891	-.002671	.7868899	.0709637	.5185176
#3	1.652686	7.674932	.0505480	-.001104	.6648987	.0903414	.5385089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.406026	3.173914	-.044825	.0011519	.7128397	2.147268	.0227283
Stddev	.240680	.014786	.000981	.0003802	.0039105	.030346	.0007496
%RSD	10.00320	.4658448	2.188494	33.00618	.5485866	1.413254	3.298091
#1	2.439330	3.177394	-.045796	.0013993	.7115017	2.151689	.0230589
#2	2.150429	3.186648	-.044846	.0013422	.7172437	2.114953	.0232558
#3	2.628319	3.157698	-.043834	.0007141	.7097738	2.175161	.0218703

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

Sample Name: P4984-19LX5 Acquired: 12/15/2024 1:40:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2981944	.0035733	-.004402
Stddev	.0042686	.0002132	.004474
%RSD	1.431464	5.966212	101.6409
#1	.2946032	.0035652	-.008821
#2	.2970664	.0033642	.000125
#3	.3029137	.0037904	-.004509

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2181.844	26911.51	2388.793	1876.104	2821.792
Stddev	6.061	86.82	21.717	5.079	7.709
%RSD	.2777915	.3226238	.9091178	.2707261	.2732115
#1	2175.571	27002.43	2381.427	1881.282	2816.891
#2	2182.294	26902.64	2413.234	1875.899	2817.807
#3	2187.668	26829.47	2371.716	1871.130	2830.679

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

Sample Name: P4984-21 Acquired: 12/15/2024 1:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2182737**	**.1085762**	**2.009404**	**.1378380**	**.1100912**	**77.89638**
Stddev	.0049393	.0018849	.008975	.0031897	.0012078	.25864
%RSD	2.262895	1.735987	.4466276	2.314078	1.097091	.3320312
#1	.2204044	.1066193	2.013886	.1378872	.1113655	77.62784
#2	.2126267	.1087297	2.015256	.1346241	.1089631	78.14383
#3	.2217902	.1103797	1.999072	.1410028	.1099451	77.91747

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.318868**	**.0860496**	**.1051542**	**75.43310**	**.4755913**	**1.044017**
Stddev	.019390	.0012678	.0000981	.12605	.0012570	.000048
%RSD	.3645439	1.473280	.0932904	.1670971	.2643087	.0046336
#1	5.302434	.0853436	.1052656	75.28826	.4764759	1.043962
#2	5.340253	.0875131	.1051158	75.49311	.4741524	1.044036
#3	5.313917	.0852920	.1050810	75.51793	.4761457	1.044053

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8058938**	**157.7694**	**8.634065**	**31.47575**	**1.229097**	**.0789144**
Stddev	.0051571	.9720	.065505	.08915	.001053	.0010572
%RSD	.6399267	.6160701	.7586825	.2832364	.0856546	1.339647
#1	.8117448	157.2954	8.588841	31.45640	1.229747	.0789446
#2	.8020091	158.8874	8.709184	31.57299	1.229661	.0778424
#3	.8039275	157.1254	8.604169	31.39786	1.227882	.0799561

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.216578**	**1.056857**	**2.608189**	**9.761000**	F **12.42382**	**-.058549**
Stddev	.437278	.005565	.010561	.128000	.01230	.004416
%RSD	35.94332	.5265406	.4049131	1.311337	.0989943	7.542053
#1	.953304	1.050834	2.617611	9.779566	12.42180	-.056888
#2	1.721347	1.057931	2.596773	9.878703	12.43700	-.063555
#3	.975082	1.061807	2.610183	9.624732	12.41265	-.055206

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

Sample Name: P4984-21 Acquired: 12/15/2024 1:44:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016659	2.611960	8.860869	.1015703	1.132736	.0892364
Stddev	.0006744	.007137	.149617	.0008956	.013322	.0003995
%RSD	40.48334	.2732347	1.688510	.8817314	1.176099	.4477057
#1	.0011229	2.615260	8.763266	.1009065	1.121998	.0887856
#2	.0014539	2.603771	9.033122	.1012154	1.147645	.0895467
#3	.0024208	2.616850	8.786219	.1025889	1.128567	.0893767

Elem	Li6707
Units	ppm
Avg	.1039824
Stddev	.0045491
%RSD	4.374855
#1	.1030286
#2	.1089328
#3	.0999859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2450.675	30144.61	2742.118	2090.366	2673.186
Stddev	7.678	134.49	30.459	.861	7.398
%RSD	.3133023	.4461420	1.110767	.0411706	.2767436
#1	2459.183	30055.26	2757.674	2091.320	2681.722
#2	2448.579	30299.28	2707.023	2089.649	2669.201
#3	2444.262	30079.29	2761.658	2090.128	2668.635

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

Sample Name: P4984-22 Acquired: 12/15/2024 1:47:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1259220**	**.0187088**	**1.274044**	**-.000539**	**.0168145**	**65.68268**
Stddev	.0068195	.0035050	.001622	.005565	.0030849	1.40330
%RSD	5.415617	18.73422	.1273236	1032.748	18.34651	2.136481
#1	.1186304	.0151361	1.275596	-.005101	.0134170	64.14333
#2	.1321426	.0221419	1.274177	-.002176	.0194402	66.89058
#3	.1269930	.0188485	1.272360	.005661	.0175864	66.01415

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9754293**	**.0048957**	**.0068307**	**297.4540**	**.1000039**	**.1134720**
Stddev	.0220243	.0000458	.0000622	6.7181	.0028285	.0006613
%RSD	2.257909	.9358449	.9107085	2.258524	2.828371	.5828183
#1	.9521806	.0048620	.0068868	290.1239	.0993798	.1127599
#2	.9959808	.0049479	.0068415	303.3179	.1030923	.1135889
#3	.9781266	.0048772	.0067638	298.9201	.0975396	.1140670

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2079032**	**138.6983**	**6.049135**	**34.00975**	**.1967405**	**-.005758**
Stddev	.0122767	3.1148	.119854	.73597	.0003202	.000643
%RSD	5.904985	2.245764	1.981347	2.164001	.1627588	11.16557
#1	.1951416	135.3728	5.920917	33.24501	.1969911	-.005407
#2	.2196294	141.5476	6.158357	34.71311	.1963798	-.006501
#3	.2089385	139.1747	6.068131	34.07113	.1968508	-.005368

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.119952**	**.1562220**	**.9821139**	**8.588063**	F **26.13076**	**-.050252**
Stddev	1.067703	.0044407	.0196827	.249341	.01326	.000846
%RSD	95.33472	2.842560	2.004120	2.903345	.0507266	1.684172
#1	.040325	.1524758	.9650083	8.336711	26.14272	-.050672
#2	2.175318	.1550628	1.003627	8.835343	26.13305	-.050806
#3	1.144214	.1611273	.977707	8.592136	26.11651	-.049278

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

Sample Name: P4984-22 Acquired: 12/15/2024 1:47:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000522	2.097502	7.659164	.0578415	1.310455	.1824797
Stddev	.000437	.001299	.171395	.0007561	.024012	.0042407
%RSD	83.81217	.0619528	2.237782	1.307161	1.832310	2.323930
#1	-.000102	2.097537	7.484625	.0569846	1.283441	.1777646
#2	-.000974	2.098784	7.827233	.0584148	1.329371	.1859816
#3	-.000488	2.096186	7.665634	.0581249	1.318552	.1836929

Elem	Li6707
Units	ppm
Avg	.0967150
Stddev	.0051491
%RSD	5.323968
#1	.0909198
#2	.1007635
#3	.0984617

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2857.609	35650.64	3290.508	2466.529	2526.899
Stddev	1.281	701.74	55.176	48.896	2.156
%RSD	.0448330	1.968367	1.676815	1.982392	.0853074
#1	2857.667	35555.80	3346.932	2466.748	2527.469
#2	2858.860	35001.15	3236.672	2417.524	2528.712
#3	2856.300	36394.98	3287.920	2515.316	2524.516

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

Sample Name: P5010-01 Acquired: 12/15/2024 1:51:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0835399	.0127146	.8490967	.0089556	.0231773	77.38876	.8178511
Stddev	.0038446	.0024929	.0001728	.0042748	.0021078	.23781	.0008039
%RSD	4.602076	19.60616	.0203510	47.73303	9.094334	.3072945	.0982954
#1	.0851752	.0120355	.8488973	.0061059	.0208961	77.15347	.8181851
#2	.0791480	.0154766	.8492014	.0138709	.0250527	77.62902	.8184342
#3	.0862964	.0106317	.8491915	.0068900	.0235831	77.38379	.8169340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054645	.0061004	104.3149	.1328631	.0992489	.1893612	164.4950
Stddev	.0000696	.0000627	.2745	.0005195	.0003928	.0052564	.2302
%RSD	1.273437	1.028410	.2631907	.3909999	.3957874	2.775863	.1399662
#1	.0054450	.0061013	104.0448	.1327551	.0994295	.1836096	164.2300
#2	.0054067	.0061627	104.5937	.1324061	.0987982	.1905581	164.6084
#3	.0055417	.0060373	104.3061	.1334281	.0995189	.1939159	164.6466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.783674	32.28800	.1525558	-.005861	1.155609	.1734427	.6039426
Stddev	.016998	.03830	.0001305	.000899	.451679	.0109447	.0159965
%RSD	.1737386	.1186240	.0855549	15.33264	39.08577	6.310263	2.648685
#1	9.764065	32.27112	.1526349	-.005545	.634056	.1735736	.5927992
#2	9.794214	32.33184	.1524051	-.006875	1.416823	.1843213	.6222720
#3	9.792744	32.26103	.1526272	-.005163	1.415949	.1624331	.5967567

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.580067	7.091003	-.084352	.0035867	2.886099	8.911542	.0350340
Stddev	.159464	.016472	.001569	.0002651	.011064	.052192	.0005508
%RSD	2.857738	.2322896	1.860435	7.390604	.3833377	.5856711	1.572071
#1	5.457574	7.075637	-.082542	.0034905	2.873562	8.869574	.0356547
#2	5.522253	7.088978	-.085194	.0033832	2.894493	8.895069	.0348436
#3	5.760373	7.108393	-.085321	.0038865	2.890242	8.969984	.0346038

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

Sample Name: P5010-01 Acquired: 12/15/2024 1:51:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.005496	-.023314	.0494250
Stddev	.005288	.000389	.0015114
%RSD	.5259549	1.670179	3.057974
#1	1.006968	-.023760	.0507732
#2	.999627	-.023142	.0497105
#3	1.009893	-.023041	.0477911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2376.305	29084.17	2630.948	2028.427	2706.379
Stddev	6.316	108.70	5.375	14.600	7.071
%RSD	.2658045	.3737547	.2042986	.7197734	.2612620
#1	2379.599	29109.07	2634.656	2031.755	2711.859
#2	2369.023	28965.17	2633.404	2012.450	2698.398
#3	2380.294	29178.26	2624.784	2041.076	2708.880

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

Sample Name: P5010-02 Acquired: 12/15/2024 1:55:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0931884	.0224100	1.034565	.0023593	.0175684	76.19451	.8493969
Stddev	.0036683	.0039241	.002869	.0016484	.0023826	.10261	.0011193
%RSD	3.936396	17.51029	.2773531	69.86852	13.56178	.1346665	.1317767
#1	.0893123	.0180272	1.031897	.0036181	.0196774	76.07794	.8481048
#2	.0966056	.0236056	1.034198	.0004934	.0180438	76.27114	.8500164
#3	.0936473	.0255971	1.037600	.0029664	.0149839	76.23444	.8500696

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055537	.0079632	274.3652	.1202480	.1141425	.2246626	169.8832
Stddev	.0000485	.0000698	.0677	.0005354	.0005355	.0143708	.2840
%RSD	.8740510	.8762232	.0246740	.4452740	.4691618	6.396634	.1671875
#1	.0056095	.0079850	274.3016	.1205638	.1141393	.2264929	169.8421
#2	.0055302	.0080196	274.3575	.1205504	.1136085	.2094643	169.6220
#3	.0055214	.0078852	274.4364	.1196298	.1146795	.2380306	170.1855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.19409	39.76728	.1717487	-.006069	.4475181	.1723620	.6778991
Stddev	.00630	.15204	.0001313	.000786	.5990362	.0050055	.0135123
%RSD	.0516926	.3823318	.0764288	12.95596	133.8574	2.904046	1.993260
#1	12.18814	39.87272	.1716166	-.006553	.0478734	.1726526	.6836741
#2	12.20070	39.59299	.1717504	-.006493	1.136275	.1772158	.6875643
#3	12.19343	39.83613	.1718791	-.005162	.158406	.1672175	.6624590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.300509	7.118718	-.083783	.0014151	2.800053	9.765084	.0311174
Stddev	.101011	.023209	.001428	.0005509	.010959	.007099	.0011960
%RSD	1.905678	.3260328	1.704837	38.92818	.3913890	.0726994	3.843536
#1	5.305604	7.101662	-.085047	.0018032	2.787734	9.760211	.0317202
#2	5.197047	7.109345	-.082233	.0007846	2.808719	9.761812	.0297399
#3	5.398876	7.145149	-.084069	.0016574	2.803708	9.773229	.0318920

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

Sample Name: P5010-02 Acquired: 12/15/2024 1:55:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9258740	.1368582	.0514496
Stddev	.0034619	.0003793	.0052735
%RSD	.3739028	.2771166	10.24980
#1	.9222534	.1367955	.0525214
#2	.9291516	.1372649	.0561049
#3	.9262170	.1365142	.0457226

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2354.803	28923.86	2693.069	2021.246	2589.363
Stddev	1.414	65.22	5.698	6.612	2.432
%RSD	.0600336	.2255011	.2115970	.3271389	.0939239
#1	2353.174	28980.69	2693.606	2028.860	2589.179
#2	2355.531	28852.64	2687.121	2016.940	2591.882
#3	2355.705	28938.25	2698.480	2017.939	2587.028

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

Sample Name: P5010-03 Acquired: 12/15/2024 1:59:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0888997**	**.0280236**	**.7698212**	**-.004208**	**.0199217**	**72.68157**	**.8045066**
Stddev	.0027220	.0024052	.0059111	.001289	.0012647	.64935	.0088543
%RSD	3.061920	8.582746	.7678518	30.63740	6.348425	.8934217	1.100583
#1	.0919987	.0304521	.7753239	-.003644	.0213774	73.42041	.8147300
#2	.0868954	.0256424	.7635726	-.003298	.0190930	72.20152	.7992947
#3	.0878050	.0279764	.7705671	-.005684	.0192947	72.42277	.7994952

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052945**	**.0073770**	**396.9525**	**.0953573**	**.1207042**	**.2463005**	**175.2717**
Stddev	.0001021	.0000870	3.1659	.0021992	.0012418	.0069086	1.5873
%RSD	1.927708	1.179384	.7975471	2.306300	1.028818	2.804970	.9055965
#1	.0054038	.0074501	400.5683	.0928942	.1213541	.2464942	177.0422
#2	.0052017	.0072808	394.6783	.0971239	.1192723	.2531102	173.9763
#3	.0052779	.0074002	395.6109	.0960538	.1214861	.2392970	174.7965

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.47516**	**36.64273**	**.1671585**	**-.004791**	**.4703628**	**.1676777**	**.5582639**
Stddev	.13677	.19680	.0010507	.000787	.5037936	.0051088	.0153518
%RSD	1.014987	.5370731	.6285844	16.42613	107.1074	3.046803	2.749924
#1	13.62721	36.85758	.1683705	-.004056	.3768230	.1704198	.5406210
#2	13.36216	36.47121	.1665049	-.004695	.0198947	.1708300	.5685772
#3	13.43611	36.59939	.1666000	-.005621	1.014371	.1617833	.5655935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.162604**	**6.423652**	**-.089313**	**.0006468**	**1.790234**	**9.379204**	**.0269253**
Stddev	.077661	.040749	.002098	.0000946	.014583	.066325	.0013496
%RSD	1.504303	.6343518	2.348735	14.63173	.8145925	.7071460	5.012440
#1	5.241394	6.444100	-.087054	.0006406	1.800122	9.434283	.0273114
#2	5.086124	6.376728	-.089685	.0005554	1.773486	9.305580	.0280398
#3	5.160293	6.450127	-.091200	.0007444	1.797093	9.397748	.0254247

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

Sample Name: P5010-03 Acquired: 12/15/2024 1:59:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8323737	.1889228	.0609450
Stddev	.0058239	.0014655	.0022747
%RSD	.6996730	.7756934	3.732435
#1	.8384385	.1905394	.0616002
#2	.8268251	.1876815	.0584146
#3	.8318575	.1885476	.0628202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.896	28936.85	2657.204	2016.920	2511.882
Stddev	13.605	624.81	18.428	42.908	18.779
%RSD	.5836904	2.159226	.6935121	2.127394	.7475910
#1	2323.071	29631.03	2641.763	2065.776	2501.125
#2	2346.606	28419.55	2677.604	1985.359	2533.565
#3	2323.011	28759.95	2652.244	1999.625	2500.956

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

Sample Name: P5010-04 Acquired: 12/15/2024 2:04:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0906652	.0324582	.5197302	.0077913	.0319743	81.82097	.7733619
Stddev	.0036552	.0029337	.0040774	.0070365	.0005944	.16928	.0010859
%RSD	4.031517	9.038335	.7845311	90.31175	1.858960	.2068945	.1404130
#1	.0903713	.0355223	.5173626	-.000271	.0318788	82.00701	.7745970
#2	.0944585	.0321771	.5173895	.010952	.0314335	81.77991	.7729316
#3	.0871659	.0296751	.5244384	.012693	.0326107	81.67599	.7725570

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065690	.0066510	431.3919	.0958968	.1418895	.2185985	222.7375
Stddev	.0000633	.0000981	.2097	.0010515	.0006301	.0051774	.4834
%RSD	.9632040	1.474908	.0485990	1.096481	.4440653	2.368468	.2170424
#1	.0065050	.0067350	431.6090	.0953845	.1411724	.2243154	222.3713
#2	.0065707	.0066748	431.3759	.0971063	.1423544	.2172546	222.5558
#3	.0066315	.0065432	431.1906	.0951997	.1421418	.2142255	223.2855

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.30954	32.60793	.1687471	-.008477	.7148854	.1844432	.3537155
Stddev	.00476	.13326	.0010792	.000795	.3796472	.0021058	.0032649
%RSD	.0259933	.4086659	.6395306	9.375912	53.10602	1.141681	.9230307
#1	18.31261	32.75475	.1691906	-.007983	.9238117	.1868568	.3508675
#2	18.31195	32.49464	.1675169	-.008053	.9441802	.1834910	.3572787
#3	18.30406	32.57440	.1695340	-.009394	.2766644	.1829817	.3530003

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.500262	6.262272	-.122211	-.000588	1.472328	8.587331	.0251894
Stddev	.111585	.021890	.004182	.000516	.003751	.046464	.0014520
%RSD	2.479522	.3495550	3.421875	87.83943	.2547733	.5410744	5.764284
#1	4.411159	6.260731	-.124349	-.000113	1.468002	8.624201	.0250693
#2	4.464212	6.241193	-.124892	-.001137	1.474669	8.602649	.0238012
#3	4.625416	6.284891	-.117392	-.000513	1.474315	8.535142	.0266977

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

Sample Name: P5010-04 Acquired: 12/15/2024 2:04:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9018969	.2090734	.0514776
Stddev	.0052376	.0008488	.0037683
%RSD	.5807347	.4059897	7.320195
#1	.8974600	.2097445	.0473487
#2	.9076746	.2081192	.0523532
#3	.9005562	.2093565	.0547311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.633	30174.15	2807.920	2100.529	2518.999
Stddev	4.206	26.07	9.593	9.025	4.724
%RSD	.1705924	.0863987	.3416567	.4296634	.1875477
#1	2460.869	30199.27	2801.947	2109.179	2513.909
#2	2467.198	30175.96	2802.827	2101.239	2519.845
#3	2468.833	30147.22	2818.986	2091.170	2523.244

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

Sample Name: P5010-05 Acquired: 12/15/2024 2:08:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1005468	.0281574	.6409030	.0204743	.0367217	96.23848	.9110163
Stddev	.0066301	.0026835	.0068500	.0032653	.0001957	.56877	.0046250
%RSD	6.594062	9.530419	1.068809	15.94841	.5328403	.5910057	.5076708
#1	.0967564	.0308085	.6360560	.0169032	.0367956	96.83740	.9163519
#2	.1082025	.0282210	.6379134	.0233076	.0364999	95.70562	.9081516
#3	.0966816	.0254426	.6487397	.0212121	.0368697	96.17241	.9085454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077528	.0073911	174.1108	.1144453	.1526765	.2318388	231.5754
Stddev	.0001243	.0000788	.9620	.0031012	.0011417	.0034701	.8548
%RSD	1.602700	1.065453	.5525413	2.709758	.7477732	1.496790	.3691194
#1	.0076303	.0073333	175.0746	.1113374	.1514318	.2300372	232.5109
#2	.0078787	.0073592	173.1505	.1144587	.1529229	.2296401	230.8350
#3	.0077493	.0074808	174.1072	.1175397	.1536749	.2358392	231.3804

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.98148	34.95422	.2130942	-.008612	.4589823	.1969279	.3765550
Stddev	.06074	.18190	.0012140	.000982	.9693902	.0059127	.0124561
%RSD	.3576823	.5203891	.5696969	11.40097	211.2043	3.002459	3.307920
#1	17.05157	35.16286	.2127639	-.007479	.0398210	.2016713	.3686585
#2	16.94437	34.82891	.2120795	-.009219	1.567421	.1988088	.3700922
#3	16.94848	34.87090	.2144391	-.009138	-.230295	.1903035	.3909142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.334666	6.154200	-.123211	-.000359	1.542594	7.671350	.0243123
Stddev	.036011	.036032	.003482	.000144	.016640	.015315	.0005267
%RSD	.6750455	.5854886	2.826440	39.94955	1.078706	.1996454	2.166619
#1	5.373619	6.115142	-.126610	-.000509	1.529898	7.684417	.0249087
#2	5.327791	6.161310	-.123373	-.000348	1.536451	7.675136	.0239107
#3	5.302587	6.186146	-.119651	-.000222	1.561432	7.654496	.0241175

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

Sample Name: P5010-05 Acquired: 12/15/2024 2:08:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6877948	-.012426	.0771224
Stddev	.0014852	.000527	.0034671
%RSD	.2159348	4.241754	4.495551
#1	.6893899	-.012659	.0803823
#2	.6864517	-.011823	.0775049
#3	.6875429	-.012797	.0734799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2734.716	33256.53	3125.369	2317.915	2605.646
Stddev	5.603	496.75	12.026	40.446	10.609
%RSD	.2048768	1.493681	.3847857	1.744945	.4071412
#1	2741.183	33606.83	3117.856	2345.181	2617.784
#2	2731.311	33474.71	3139.239	2337.121	2601.006
#3	2731.655	32688.03	3119.012	2271.444	2598.148

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

Sample Name: P5010-06 Acquired: 12/15/2024 2:11:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1089135	.0243579	.5123174	.0346539	.0537100	97.49121	.8731202
Stddev	.0017223	.0044965	.0032134	.0028510	.0017136	.32875	.0015239
%RSD	1.581300	18.46013	.6272200	8.227111	3.190396	.3372100	.1745339
#1	.1074558	.0278843	.5112501	.0322465	.0528437	97.52032	.8727751
#2	.1084709	.0192944	.5097735	.0339129	.0526025	97.80443	.8747870
#3	.1108139	.0258949	.5159286	.0378022	.0556838	97.14887	.8717984

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0082176	.0082395	131.2955	.1104219	.1583605	.1897619	313.2160
Stddev	.0001834	.0002102	.2909	.0012802	.0003812	.0031650	.4482
%RSD	2.232232	2.551018	.2215336	1.159408	.2407140	1.667857	.1430833
#1	.0084156	.0080711	131.2875	.1089610	.1581634	.1872283	312.9742
#2	.0081838	.0081724	131.5903	.1113480	.1581181	.1933096	313.7332
#3	.0080534	.0084751	131.0088	.1109568	.1587999	.1887478	312.9407

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.58153	27.74322	.1936076	-.012047	.5580680	.2273564	.3457418
Stddev	.03740	.20364	.0011642	.000369	.3026151	.0044075	.0037872
%RSD	.1733182	.7340249	.6013082	3.058980	54.22549	1.938607	1.095390
#1	21.57811	27.91969	.1942241	-.012365	.9071959	.2299702	.3487393
#2	21.62053	27.78957	.1922648	-.011643	.3960808	.2222676	.3470007
#3	21.54595	27.52040	.1943339	-.012134	.3709272	.2298312	.3414855

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.816758	5.627796	-.191063	-.000137	1.484488	8.674416	.0317460
Stddev	.015096	.016244	.002128	.000588	.006175	.067919	.0002024
%RSD	.3134021	.2886352	1.113709	430.6004	.4159675	.7829856	.6374631
#1	4.805657	5.632043	-.191436	-.000643	1.478991	8.752842	.0319521
#2	4.833947	5.609850	-.192980	-.000276	1.483305	8.635325	.0315476
#3	4.810670	5.641494	-.188773	.000509	1.491170	8.635080	.0317384

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

Sample Name: P5010-06 Acquired: 12/15/2024 2:11:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9518510	-.131981	.0565839
Stddev	.0020454	.000557	.0009088
%RSD	.2148859	.4223129	1.606026
#1	.9518792	-.131344	.0555817
#2	.9538821	-.132219	.0568160
#3	.9497917	-.132380	.0573542

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2687.088	32983.68	3031.340	2300.795	2620.115
Stddev	2.043	101.80	28.492	6.859	4.087
%RSD	.0760415	.3086305	.9399027	.2981156	.1559938
#1	2686.101	32884.59	2998.958	2293.779	2618.275
#2	2689.438	32978.47	3042.501	2301.123	2624.799
#3	2685.727	33087.98	3052.562	2307.485	2617.271

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

Sample Name: CCV024 Acquired: 12/15/2024 2:23:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.003902**	**5.335468**	**24.65121**	**4.751865**	**4.867298**	**431.8373**	**10.96228**
Stddev	.017601	.003298	.05777	.032918	.021530	1.3334	.03588
%RSD	.3517530	.0618201	.2343525	.6927372	.4423435	.3087819	.3273068
#1	4.994294	5.339238	24.69458	4.789168	4.879257	433.3653	11.00197
#2	5.024216	5.334055	24.67342	4.739533	4.880194	431.2380	10.95274
#3	4.993195	5.333112	24.58563	4.726894	4.842443	430.9087	10.93214

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4850433**	**2.451233**	**420.4071**	**14.87228**	**2.339093**	**15.64821**	**424.9990**
Stddev	.0024219	.004535	1.2460	.01970	.002630	.05124	1.0080
%RSD	.4993247	.1850068	.2963835	.1324428	.1124427	.3274710	.2371655
#1	.4849375	2.455003	421.8411	14.87167	2.340605	15.69423	425.9964
#2	.4875165	2.452494	419.5882	14.85289	2.340619	15.59299	425.0196
#3	.4826761	2.446201	419.7921	14.89227	2.336056	15.65741	423.9809

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.57616**	**393.7642**	**2.428241**	**1.275630**	**414.8277**	**2.571721**	**15.19843**
Stddev	.04617	.9972	.006513	.000470	2.0499	.010561	.08381
%RSD	.2964363	.2532374	.2682239	.0368406	.4941547	.4106421	.5514400
#1	15.62568	394.4675	2.432347	1.275831	416.1790	2.566382	15.17706
#2	15.56851	394.2020	2.431646	1.275093	415.8352	2.564896	15.12738
#3	15.53429	392.6230	2.420731	1.275966	412.4691	2.583885	15.29086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**155.3293**	**4.944119**	**4.745738**	**5.056033**	**4.838440**	**5.110984**	**5.070141**
Stddev	.3481	.017764	.026924	.023792	.014214	.027756	.017197
%RSD	.2241038	.3592954	.5673251	.4705754	.2937728	.5430670	.3391830
#1	155.7214	4.952893	4.725388	5.072232	4.831816	5.102890	5.083044
#2	155.0565	4.955788	4.776267	5.067149	4.854757	5.141887	5.076761
#3	155.2102	4.923675	4.735559	5.028717	4.828747	5.088174	5.050617

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

Sample Name: CCV024 Acquired: 12/15/2024 2:23:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV024 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.306033	4.868693	5.365445
Stddev	.016878	.010196	.011390
%RSD	.3180833	.2094242	.2122827
#1	5.319337	4.877852	5.374702
#2	5.311714	4.870522	5.368907
#3	5.287047	4.857707	5.352726

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1611.614	21828.75	2096.348	1434.665	2219.892
Stddev	6.645	34.05	9.054	1.367	7.606
%RSD	.4123472	.1559711	.4318931	.0953151	.3426219
#1	1604.738	21843.72	2097.725	1435.453	2211.115
#2	1612.102	21852.75	2086.684	1435.455	2224.555
#3	1618.002	21789.79	2104.634	1433.086	2224.005

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

Sample Name: CCB024 Acquired: 12/15/2024 2:27:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.005733**	**-.002203**	**.0046455**	**.0016108**	**-.001117**	**-.023380**
Stddev	.001482	.002388	.0019123	.0006987	.001622	.014405
%RSD	25.84601	108.3864	41.16542	43.37427	145.1942	61.61218
#1	-.006611	-.002067	.0034857	.0016131	.000426	-.016993
#2	-.004022	.000114	.0035981	.0023083	-.002808	-.013273
#3	-.006565	-.004656	.0068528	.0009110	-.000969	-.039874

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004456**	**.0000525**	**.0000021**	**-.025153**	**-.000042**	**-.000304**
Stddev	.000310	.0001458	.0001022	.042136	.000845	.000287
%RSD	6.965171	277.4984	4899.201	167.5210	2031.032	94.38843
#1	-.004291	-.000045	-.000081	-.019087	.000923	.000005
#2	-.004263	.000220	-.000029	.013622	-.000656	-.000356
#3	-.004814	-.000018	.000116	-.069993	-.000392	-.000561

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.017505**	**.0192458**	**-.000167**	**.0551809**	**-.000868**	**.0019243**
Stddev	.005703	.0117748	.001148	.0200456	.000393	.0007087
%RSD	32.57930	61.18092	689.3671	36.32704	45.28271	36.83231
#1	-.021463	.0089220	-.000461	.0739314	-.000498	.0015675
#2	-.020084	.0320699	.001100	.0575589	-.001280	.0027405
#3	-.010968	.0167455	-.001139	.0340524	-.000825	.0014648

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6663208**	**-.001687**	**.0006562**	**.1675093**	**-.003525**	**-.000778**
Stddev	.3938562	.009704	.0097635	.0790322	.001255	.000631
%RSD	59.10909	575.4049	1487.877	47.18081	35.59195	81.11368
#1	1.120748	-.002236	-.003652	.1060704	-.004931	-.000833
#2	.423463	.008281	.011833	.2566671	-.003126	-.000121
#3	.454752	-.011105	-.006212	.1397903	-.002519	-.001380

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

Sample Name: CCB024 Acquired: 12/15/2024 2:27:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB024 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008074	-.008602	-.041785	-.000422	-.003597	-.000005
Stddev	.0002521	.000817	.000364	.000150	.003468	.000238
%RSD	31.22509	9.497237	.8701623	35.57341	96.41530	4477.159
#1	.0007627	-.007813	-.041469	-.000519	-.005190	.000195
#2	.0010788	-.009444	-.041704	-.000497	-.005981	-.000268
#3	.0005806	-.008550	-.042182	-.000249	.000381	.000057

Elem	Li6707
Units	ppm
Avg	F -.025715
Stddev	.002354
%RSD	9.152855
#1	-.023025
#2	-.026727
#3	-.027394

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.214	24819.92	2214.245	1734.918	2858.929
Stddev	2.274	79.48	1.482	2.037	4.219
%RSD	.1121580	.3202292	.0669344	.1173863	.1475880
#1	2026.577	24911.50	2214.251	1736.297	2856.716
#2	2029.738	24768.92	2215.724	1732.578	2863.794
#3	2025.327	24779.34	2212.760	1735.878	2856.276

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

Sample Name: P5010-07 Acquired: 12/15/2024 2:31:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0597889**	**.0363213**	**.1342784**	**-.012373**	**.0142837**	**61.26038**
Stddev	.0040422	.0007491	.0031301	.005502	.0013268	.20323
%RSD	6.760746	2.062433	2.331087	44.46531	9.289168	.3317504
#1	.0552554	.0363842	.1337634	-.017566	.0156586	61.41193
#2	.0610942	.0355427	.1314376	-.012946	.0130109	61.33979
#3	.0630172	.0370370	.1376340	-.006607	.0141816	61.02944

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5217586**	**.0043279**	**.0036679**	F **1075.508**	**.0746161**	**.1280459**
Stddev	.0015354	.0001036	.0000448	13.566	.0005154	.0007232
%RSD	.2942805	2.394809	1.222712	1.261364	.6907958	.5648294
#1	.5229675	.0043886	.0037014	1082.787	.0752098	.1272109
#2	.5222772	.0043868	.0036169	1083.881	.0742829	.1284761
#3	.5200310	.0042082	.0036852	1059.856	.0743555	.1284507

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1914186**	**165.0196**	**15.07236**	**76.02963**	**.1614921**	**-.006422**
Stddev	.0012456	.6421	.06019	.33784	.0008712	.000418
%RSD	.6507090	.3891115	.3993502	.4443557	.5395020	6.505650
#1	.1916330	165.4389	15.12764	76.32727	.1618486	-.006105
#2	.1925430	165.3397	15.08120	76.09921	.1604991	-.006895
#3	.1900797	164.2804	15.00824	75.66242	.1621285	-.006265

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7552771**	**.1307116**	**.2146725**	**6.123141**	**6.619642**	**-.061620**
Stddev	.5423255	.0070690	.0017040	.072305	.019422	.004500
%RSD	71.80485	5.408056	.7937637	1.180846	.2933923	7.303197
#1	1.361811	.1237440	.2143369	6.127822	6.621184	-.062801
#2	.586934	.1378778	.2131614	6.048609	6.599495	-.065411
#3	.317086	.1305131	.2165194	6.192991	6.638246	-.056647

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

Sample Name: P5010-07 Acquired: 12/15/2024 2:31:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002784**	**.9324673**	**8.809115**	**.0211955**	**.6433412**	**.7463516**
Stddev	.000223	.0021624	.106557	.0006958	.0060971	.0030620
%RSD	8.028723	.2318964	1.209627	3.282722	.9477263	.4102614
#1	-.002604	.9317947	8.885052	.0219950	.6488862	.7494412
#2	-.002713	.9307212	8.854990	.0207277	.6443257	.7462956
#3	-.003034	.9348861	8.687304	.0208636	.6368118	.7433180

Elem	Li6707
Units	ppm
Avg	**.0891355**
Stddev	.0028397
%RSD	3.185776
#1	.0889492
#2	.0863936
#3	.0920637

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2238.272**	**27289.66**	**2615.996**	**1896.813**	**2333.341**
Stddev	9.996	117.30	16.164	7.782	8.966
%RSD	.4465746	.4298272	.6179072	.4102812	.3842415
#1	2243.350	27424.97	2602.388	1905.795	2339.664
#2	2244.709	27216.63	2611.736	1892.565	2337.278
#3	2226.757	27227.39	2633.864	1892.081	2323.080

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

Sample Name: P5010-08 Acquired: 12/15/2024 2:35:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0805964	.0152698	2.837190	.0049518	.0208779	61.87562
Stddev	.0033973	.0012402	.027753	.0041958	.0023978	.82047
%RSD	4.215218	8.122090	.9781989	84.73400	11.48481	1.326000
#1	.0794366	.0156365	2.865081	.0037139	.0232834	62.50688
#2	.0779308	.0138876	2.809576	.0015141	.0208624	60.94818
#3	.0844218	.0162854	2.836912	.0096273	.0184879	62.17179

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.588471	.0049606	.0101294	117.0903	.1201075	.0944532
Stddev	.021689	.0001624	.0000559	1.4129	.0004074	.0008114
%RSD	1.365387	3.274314	.5521633	1.206655	.3391612	.8590390
#1	1.607899	.0051061	.0100929	118.3471	.1197463	.0950408
#2	1.565071	.0047854	.0101015	115.5610	.1200271	.0935274
#3	1.592445	.0049903	.0101938	117.3628	.1205491	.0947913

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3313288	135.8341	8.639797	44.74544	.2086134	-.002894
Stddev	.0137455	1.7655	.110602	.43183	.0017865	.000147
%RSD	4.148586	1.299754	1.280145	.9650851	.8563826	5.062302
#1	.3395924	137.3280	8.738526	45.20734	.2104762	-.002862
#2	.3154615	133.8858	8.520274	44.35180	.2069145	-.003054
#3	.3389325	136.2884	8.660592	44.67719	.2084495	-.002767

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5500503	.1354944	2.176978	8.097148	F 10.51005	-.042525
Stddev	.3945956	.0095486	.012178	.266262	.09195	.001059
%RSD	71.73810	7.047205	.5593997	3.288342	.8749118	2.491502
#1	.8331954	.1452850	2.164612	8.368952	10.60397	-.043498
#2	.7176336	.1349903	2.177362	7.836797	10.42020	-.042681
#3	.0993219	.1262078	2.188959	8.085696	10.50598	-.041396

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

Sample Name: P5010-08 Acquired: 12/15/2024 2:35:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010676	4.329189	8.512628	.0596942	.7487028	.0779142
Stddev	.0001811	.032609	.170224	.0013829	.0090209	.0009225
%RSD	16.95920	.7532348	1.999670	2.316710	1.204865	1.183982
#1	.0009197	4.357189	8.695832	.0610245	.7565352	.0786590
#2	.0012695	4.293386	8.359352	.0597939	.7388396	.0768823
#3	.0010135	4.336992	8.482701	.0582641	.7507336	.0782012

Elem	Li6707
Units	ppm
Avg	.0713492
Stddev	.0044156
%RSD	6.188744
#1	.0763760
#2	.0695745
#3	.0680969

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.807	29614.14	2694.266	2054.802	2656.652
Stddev	19.318	82.12	51.805	2.866	25.209
%RSD	.8053306	.2773154	1.922784	.1394577	.9489018
#1	2378.126	29635.94	2638.709	2056.084	2629.117
#2	2416.387	29523.32	2741.249	2051.519	2678.597
#3	2401.909	29683.17	2702.839	2056.802	2662.241

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

Sample Name: P5010-09 Acquired: 12/15/2024 2:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1262581	.0152035	4.214761	.0085176	.0280959	74.32684
Stddev	.0066139	.0019244	.011927	.0032783	.0010122	.21441
%RSD	5.238371	12.65746	.2829755	38.48827	3.602804	.2884717
#1	.1285255	.0142011	4.220089	.0057551	.0274390	74.09014
#2	.1314400	.0174221	4.201099	.0076575	.0275871	74.38233
#3	.1188087	.0139871	4.223096	.0121402	.0292616	74.50805

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.186795	.0070897	.0141225	121.3101	.1598704	.1138191
Stddev	.006813	.0000299	.0001144	.3901	.0010926	.0003205
%RSD	.3115458	.4215372	.8099838	.3215401	.6834033	.2815848
#1	2.178959	.0071189	.0142505	120.8722	.1607117	.1136810
#2	2.190107	.0070591	.0140303	121.4379	.1602639	.1135907
#3	2.191318	.0070909	.0140866	121.6203	.1586356	.1141854

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5050138	168.6607	8.065176	48.32612	.2924976	-.004522
Stddev	.0096136	.3417	.018712	.31337	.0014195	.001137
%RSD	1.903633	.2026040	.2320095	.6484542	.4852910	25.13804
#1	.4946068	168.2707	8.043621	48.16937	.2939242	-.004084
#2	.5135628	168.8038	8.077248	48.12206	.2910853	-.005813
#3	.5068718	168.9076	8.074660	48.68694	.2924833	-.003670

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3219218	.1692863	2.680069	8.709623	F 13.14657	-.040241
Stddev	.1516506	.0007272	.013529	.215087	.02760	.005397
%RSD	47.10790	.4295601	.5048126	2.469528	.2099042	13.41062
#1	.3307934	.1700788	2.670024	8.541610	13.16629	-.039154
#2	.4689418	.1691304	2.674730	8.635227	13.11504	-.046099
#3	.1660301	.1686497	2.695453	8.952031	13.15840	-.035471

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

Sample Name: P5010-09 Acquired: 12/15/2024 2:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031436	5.099299	8.600433	.0985228	.9642736	.1092021
Stddev	.0003583	.015412	.068441	.0016730	.0054982	.0004590
%RSD	11.39714	.3022304	.7957869	1.698064	.5701863	.4203273
#1	.0032299	5.111248	8.539398	.0965929	.9582072	.1087748
#2	.0034507	5.081903	8.674427	.0994119	.9656852	.1091444
#3	.0027500	5.104745	8.587473	.0995634	.9689283	.1096873

Elem	Li6707
Units	ppm
Avg	.0825485
Stddev	.0005174
%RSD	.6267818
#1	.0824376
#2	.0831124
#3	.0820956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2523.771	31241.67	2848.037	2160.804	2589.184
Stddev	5.846	43.72	15.062	6.644	5.000
%RSD	.2316437	.1399420	.5288590	.3074582	.1931082
#1	2521.058	31191.36	2862.540	2168.466	2584.620
#2	2519.774	31263.22	2832.472	2157.296	2588.405
#3	2530.480	31270.44	2849.100	2156.650	2594.528

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

Sample Name: P5010-10 Acquired: 12/15/2024 2:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1319838	.0165960	4.149715	.0108406	.0294270	81.79164
Stddev	.0016098	.0016275	.018011	.0029753	.0025948	.77518
%RSD	1.219676	9.806830	.4340275	27.44595	8.817773	.9477480
#1	.1306122	.0160232	4.141335	.0095225	.0265287	82.47838
#2	.1315831	.0153322	4.137422	.0087520	.0302184	81.94547
#3	.1337560	.0184324	4.170390	.0142472	.0315340	80.95108

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.165037	.0074194	.0140030	116.9376	.1488430	.1235815
Stddev	.021254	.0000253	.0001840	.9771	.0005374	.0000314
%RSD	.9817118	.3413513	1.314218	.8355918	.3610701	.0254440
#1	2.184953	.0073938	.0138040	117.5426	.1494559	.1235646
#2	2.167500	.0074445	.0140381	117.4598	.1484520	.1236178
#3	2.142658	.0074200	.0141670	115.8103	.1486213	.1235621

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4684572	165.3329	8.790487	46.82224	.2742900	-.005492
Stddev	.0050071	1.7547	.102360	.46185	.0019747	.000374
%RSD	1.068851	1.061285	1.164436	.9863981	.7199408	6.803481
#1	.4737870	166.9383	8.873623	47.24981	.2721784	-.005384
#2	.4677328	165.6006	8.821678	46.88449	.2746008	-.005183
#3	.4638517	163.4597	8.676161	46.33241	.2760910	-.005907

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7961618	.1724483	2.320059	8.374960	F 15.08599	-.032730
Stddev	.5108771	.0052519	.014367	.242570	.06689	.002144
%RSD	64.16750	3.045516	.6192718	2.896374	.4433858	6.551281
#1	.2627540	.1785104	2.306316	8.643640	15.02019	-.034750
#2	1.281046	.1695621	2.318881	8.309165	15.08387	-.032959
#3	.844686	.1692723	2.334979	8.172074	15.15391	-.030480

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

Sample Name: P5010-10 Acquired: 12/15/2024 2:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017877	5.143157	8.157608	.1228404	.8636820	.1344065
Stddev	.0003568	.030753	.140149	.0014759	.0100403	.0017176
%RSD	19.95813	.5979331	1.718012	1.201510	1.162499	1.277929
#1	.0014743	5.119078	8.268701	.1211446	.8742470	.1357927
#2	.0017129	5.132594	8.203971	.1235417	.8625338	.1349418
#3	.0021760	5.177799	8.000153	.1238350	.8542651	.1324849

Elem	Li6707
Units	ppm
Avg	.0974706
Stddev	.0002311
%RSD	.2371044
#1	.0976880
#2	.0972278
#3	.0974959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.379	33637.20	3107.005	2330.563	2609.222
Stddev	6.529	65.87	43.721	3.945	6.156
%RSD	.2406973	.1958213	1.407190	.1692914	.2359161
#1	2707.029	33644.30	3074.778	2333.333	2607.730
#2	2719.653	33699.24	3089.463	2332.310	2615.986
#3	2710.454	33568.08	3156.773	2326.046	2603.949

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

Sample Name: P5010-11 Acquired: 12/15/2024 2:46:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0835728**	**.0161290**	**3.418547**	**.0000818**	**.0188128**	**68.93862**
Stddev	.0015477	.0007032	.007118	.0030440	.0028182	.22858
%RSD	1.851858	4.359978	.2082289	3722.824	14.98041	.3315705
#1	.0844676	.0161002	3.411691	.0016561	.0220661	69.17880
#2	.0844651	.0154406	3.418049	.0020162	.0171199	68.91332
#3	.0817857	.0168462	3.425901	-.003427	.0172522	68.72374

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.018442**	**.0054897**	**.0089385**	**126.5027**	**.1209724**	**.1000182**
Stddev	.006909	.0000589	.0000530	.3407	.0008214	.0005547
%RSD	.3422901	1.073587	.5927465	.2692853	.6790210	.5545968
#1	2.026093	.0055537	.0089993	126.7459	.1208773	.1003369
#2	2.016577	.0054776	.0089135	126.6490	.1202027	.1003399
#3	2.012658	.0054377	.0089026	126.1134	.1218373	.0993776

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3362935**	**130.2081**	**8.058546**	**34.75371**	**.1747008**	**-.003258**
Stddev	.0036621	.2981	.023723	.17192	.0001532	.001088
%RSD	1.088955	.2289292	.2943781	.4946669	.0877048	33.41143
#1	.3368505	130.3925	8.081771	34.93732	.1747456	-.003993
#2	.3396452	130.3677	8.059514	34.72723	.1745302	-.003772
#3	.3323849	129.8643	8.034355	34.59656	.1748266	-.002007

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.481721**	**.1308437**	**1.556133**	**6.257926**	F **12.73323**	**-.015401**
Stddev	.151079	.0071505	.014283	.015645	.02582	.003231
%RSD	10.19621	5.464936	.9178392	.2500106	.2027639	20.98161
#1	1.589836	.1272165	1.542728	6.264341	12.72281	-.015008
#2	1.309096	.1262337	1.571156	6.240093	12.71424	-.012384
#3	1.546232	.1390809	1.554516	6.269345	12.76262	-.018811

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

Sample Name: P5010-11 Acquired: 12/15/2024 2:46:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007968	3.918075	8.950778	.0755961	.6184978	.1887694
Stddev	.0002256	.014882	.128171	.0006385	.0048789	.0009696
%RSD	28.31901	.3798364	1.431955	.8445901	.7888265	.5136214
#1	.0008592	3.921592	9.094685	.0759689	.6218341	.1896469
#2	.0005465	3.901749	8.848895	.0759606	.6207609	.1877285
#3	.0009846	3.930883	8.908752	.0748589	.6128983	.1889327

Elem	Li6707
Units	ppm
Avg	.0700040
Stddev	.0020325
%RSD	2.903417
#1	.0680265
#2	.0698982
#3	.0720874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2610.894	31962.23	2948.608	2218.641	2673.412
Stddev	1.863	106.48	18.786	10.493	2.219
%RSD	.0713627	.3331324	.6371170	.4729675	.0830190
#1	2611.444	32085.10	2927.312	2230.752	2672.302
#2	2608.818	31904.59	2962.830	2212.896	2671.966
#3	2612.421	31897.00	2955.681	2212.273	2675.967

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

Sample Name: P5010-12 Acquired: 12/15/2024 2:50:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0845771	.0209851	3.292220	-.000681	.0165974	68.99488
Stddev	.0007925	.0008125	.004519	.002476	.0012512	.06921
%RSD	.9370376	3.871821	.1372654	363.6167	7.538669	.1003079
#1	.0844867	.0213982	3.287424	-.001028	.0171431	68.91573
#2	.0838337	.0200490	3.296398	.001950	.0174831	69.04401
#3	.0854110	.0215081	3.292839	-.002965	.0151660	69.02490

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.060366	.0055076	.0087677	166.2174	.1246613	.1059566
Stddev	.001670	.0000683	.0001556	.3009	.0007719	.0006195
%RSD	.0810336	1.240865	1.775307	.1810244	.6191767	.5847066
#1	2.062158	.0054409	.0085945	166.2961	.1249246	.1059766
#2	2.060088	.0055775	.0088129	166.4712	.1252670	.1065659
#3	2.058854	.0055045	.0088958	165.8850	.1237922	.1053273

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3266071	133.2531	9.175834	35.70529	.1697138	-.003300
Stddev	.0055072	.2393	.012749	.01527	.0011820	.001537
%RSD	1.686189	.1795629	.1389394	.0427604	.6964716	46.59247
#1	.3277798	133.2257	9.173249	35.68996	.1703446	-.002243
#2	.3206080	133.5049	9.189678	35.72049	.1683503	-.002592
#3	.3314336	133.0287	9.164577	35.70543	.1704467	-.005063

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9631719	.1309935	1.495052	6.190315	F 13.98044	-.016260
Stddev	.2427836	.0017989	.023691	.028245	.03212	.000625
%RSD	25.20668	1.373307	1.584619	.4562704	.2297330	3.845251
#1	1.238109	.1330429	1.518486	6.165418	13.97923	-.015742
#2	.778259	.1296750	1.471112	6.184520	13.94894	-.016083
#3	.873148	.1302628	1.495557	6.221008	14.01314	-.016955

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

Sample Name: P5010-12 Acquired: 12/15/2024 2:50:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.000087**	**4.136062**	**9.369700**	**.0740301**	**.5892619**	**.1765408**
Stddev	.000161	.017928	.058253	.0012161	.0042045	.0002628
%RSD	186.2496	.4334560	.6217178	1.642707	.7135190	.1488767
#1	-.000244	4.149900	9.326315	.0752764	.5910493	.1766045
#2	.000078	4.115809	9.435909	.0739673	.5922773	.1767660
#3	-.000094	4.142478	9.346876	.0728466	.5844590	.1762520

Elem	Li6707
Units	ppm
Avg	**.0729928**
Stddev	.0021445
%RSD	2.937929
#1	.0727096
#2	.0710040
#3	.0752648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2615.248**	**32265.82**	**2972.308**	**2242.171**	**2633.575**
Stddev	6.695	179.71	18.547	17.096	7.577
%RSD	.2559923	.5569555	.6239997	.7624957	.2877109
#1	2617.657	32144.50	2974.460	2225.579	2636.645
#2	2607.683	32472.28	2952.779	2259.731	2624.945
#3	2620.406	32180.69	2989.686	2241.203	2639.136

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

Sample Name: P5010-13 Acquired: 12/15/2024 2:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625897	.0177530	1.891994	.0038791	.0137023	67.70626
Stddev	.0044860	.0016032	.003480	.0016119	.0011133	.32266
%RSD	7.167307	9.030293	.1839066	41.55240	8.124528	.4765529
#1	.0588154	.0159243	1.895742	.0023818	.0149117	67.35993
#2	.0675493	.0189164	1.888866	.0036703	.0127203	67.76047
#3	.0614043	.0184183	1.891373	.0055851	.0134751	67.99837

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.790799	.0046406	.0071597	92.86483	.1173255	.0930577
Stddev	.011480	.0001143	.0000982	.31590	.0007966	.0001061
%RSD	.6410303	2.462948	1.371885	.3401700	.6789279	.1140626
#1	1.780485	.0045317	.0070908	92.50109	.1166808	.0931489
#2	1.788745	.0046305	.0071160	93.02301	.1170797	.0929412
#3	1.803167	.0047596	.0072721	93.07040	.1182159	.0930830

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2823080	114.1173	8.133363	29.52382	.1417450	-.002403
Stddev	.0023835	.4646	.049088	.11897	.0004392	.001389
%RSD	.8443092	.4071014	.6035448	.4029608	.3098234	57.79675
#1	.2825716	113.7739	8.085378	29.46271	.1422435	-.002869
#2	.2798036	113.9321	8.131224	29.44784	.1415758	-.000841
#3	.2845488	114.6459	8.183485	29.66093	.1414155	-.003500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.182004	.1138234	1.122991	5.918474	F 11.74560	-.010652
Stddev	.571545	.0048745	.018717	.100643	.04024	.003852
%RSD	48.35388	4.282520	1.666685	1.700496	.3425810	36.16358
#1	.934793	.1134783	1.105394	5.875960	11.75304	-.009362
#2	1.835542	.1188612	1.120925	5.846063	11.70216	-.014984
#3	.775677	.1091306	1.142656	6.033398	11.78160	-.007611

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

Sample Name: P5010-13 Acquired: 12/15/2024 2:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000036	3.609629	8.092851	.0413887	.5234652	.1149717
Stddev	.000224	.009763	.053065	.0001346	.0060462	.0008292
%RSD	623.6048	.2704695	.6557001	.3252067	1.155027	.7212453
#1	-.000078	3.620565	8.085593	.0415360	.5248007	.1149412
#2	.000206	3.601790	8.149171	.0413579	.5168629	.1141582
#3	-.000235	3.606533	8.043788	.0412722	.5287319	.1158158

Elem	Li6707
Units	ppm
Avg	.0637699
Stddev	.0012492
%RSD	1.958979
#1	.0623278
#2	.0644625
#3	.0645195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.108	32358.00	2971.527	2241.541	2678.161
Stddev	7.978	180.45	16.034	21.598	11.954
%RSD	.3036782	.5576764	.5395985	.9635250	.4463503
#1	2621.985	32564.46	2981.860	2265.871	2668.930
#2	2636.300	32230.38	2953.056	2234.122	2691.664
#3	2623.039	32279.16	2979.666	2224.631	2673.889

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

Sample Name: P5010-14 Acquired: 12/15/2024 2:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1076056**	**.0496887**	**.8638107**	**.0055717**	**.0232336**	**65.28859**
Stddev	.0049390	.0067158	.0012873	.0027018	.0005098	.25614
%RSD	4.589919	13.51579	.1490215	48.49221	2.194356	.3923177
#1	.1055158	.0438635	.8636918	.0085019	.0228248	65.56344
#2	.1040551	.0481680	.8625870	.0031791	.0230711	65.24578
#3	.1132460	.0570344	.8651533	.0050339	.0238049	65.05655

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.555177**	**.0045059**	**.0110520**	**426.3574**	**.1228954**	**.1825972**
Stddev	.019206	.0002650	.0001105	1.2591	.0006386	.0006985
%RSD	.5402250	5.880461	.9999716	.2953147	.5196583	.3825519
#1	3.577319	.0047699	.0109264	427.5412	.1234860	.1817920
#2	3.545184	.0045078	.0111345	426.4965	.1229825	.1829585
#3	3.543028	.0042399	.0110950	425.0346	.1222177	.1830411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3373516**	**182.2239**	**24.55006**	**100.7406**	**.2189192**	**-.006746**
Stddev	.0016819	.7361	.14903	.4228	.0015828	.000494
%RSD	.4985551	.4039581	.6070260	.4197084	.7230135	7.323376
#1	.3370808	182.9722	24.72083	101.2170	.2190402	-.006332
#2	.3358215	181.5007	24.44634	100.5948	.2172793	-.006613
#3	.3391524	182.1989	24.48301	100.4100	.2204380	-.007293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.424728**	**.1762191**	**1.239448**	**6.407328**	F **10.75778**	**-.046719**
Stddev	.474763	.0117277	.028559	.036626	.02410	.001693
%RSD	33.32310	6.655202	2.304189	.5716235	.2240143	3.623849
#1	1.895440	.1806222	1.223885	6.390088	10.73732	-.046706
#2	1.432730	.1629271	1.222052	6.449393	10.75169	-.048419
#3	.946014	.1851081	1.272409	6.382503	10.78435	-.045033

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

Sample Name: P5010-14 Acquired: 12/15/2024 2:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011435	2.491848	8.202357	.0309422	.7157981	.2667468
Stddev	.0004983	.009607	.103309	.0024757	.0064173	.0014372
%RSD	43.57690	.3855512	1.259503	8.000961	.8965186	.5388043
#1	.0015431	2.502631	8.288229	.0285214	.7231911	.2681149
#2	.0013023	2.488717	8.231130	.0308356	.7116667	.2668763
#3	.0005852	2.484197	8.087712	.0334693	.7125365	.2652492

Elem	Li6707
Units	ppm
Avg	.0882301
Stddev	.0028378
%RSD	3.216423
#1	.0898156
#2	.0849538
#3	.0899209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2532.805	31176.07	2958.133	2158.940	2446.806
Stddev	4.328	179.16	35.276	13.255	1.973
%RSD	.1708693	.5746732	1.192518	.6139569	.0806490
#1	2529.296	31098.55	2920.723	2160.750	2447.845
#2	2531.478	31380.93	2962.881	2171.197	2444.530
#3	2537.641	31048.71	2990.794	2144.873	2448.042

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

Sample Name: P5010-15 Acquired: 12/15/2024 3:02:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1199687	.0155923	2.027833	.0086596	.0205627	66.02017
Stddev	.0028136	.0025376	.012052	.0023507	.0008246	.49077
%RSD	2.345273	16.27497	.5943166	27.14503	4.010050	.7433601
#1	.1193464	.0131591	2.018200	.0082890	.0214935	66.16648
#2	.1230413	.0153948	2.023953	.0065163	.0202711	66.42115
#3	.1175183	.0182228	2.041347	.0111736	.0199236	65.47289

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.589974	.0057244	.0072574	113.7276	.1257737	.1071794
Stddev	.008831	.0002043	.0000736	.8708	.0013574	.0007995
%RSD	.5554274	3.569381	1.014734	.7656840	1.079239	.7459680
#1	1.593716	.0055342	.0072016	114.1973	.1251923	.1068675
#2	1.596317	.0059404	.0072297	114.2627	.1248038	.1065828
#3	1.579888	.0056986	.0073409	112.7228	.1273249	.1080878

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3283195	141.9697	8.198638	40.91592	.1956739	-.005456
Stddev	.0085869	.6843	.042696	.16558	.0016779	.000855
%RSD	2.615399	.4819905	.5207704	.4046791	.8575069	15.66527
#1	.3298297	142.3407	8.210076	41.08515	.1937390	-.004907
#2	.3360511	142.3883	8.234450	40.90837	.1965559	-.006440
#3	.3190777	141.1800	8.151388	40.75425	.1967270	-.005020

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280134	.1539478	1.382518	7.915083	F 12.97949	-.023527
Stddev	.522932	.0035316	.006090	.072250	.04940	.000822
%RSD	40.84982	2.293990	.4404957	.9128119	.3806353	3.495087
#1	1.145421	.1503216	1.387489	7.887565	12.95211	-.023066
#2	.837738	.1573764	1.384341	7.997048	12.94984	-.024476
#3	1.857243	.1541455	1.375725	7.860635	13.03652	-.023038

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

Sample Name: P5010-15 Acquired: 12/15/2024 3:02:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027073	5.538750	9.686489	.1036721	.8518014	.0934482
Stddev	.0000662	.029166	.033248	.0001730	.0053511	.0002701
%RSD	2.444021	.5265836	.3432414	.1668248	.6282125	.2890656
#1	.0027538	5.512098	9.661354	.1038595	.8569410	.0934251
#2	.0026315	5.534246	9.673925	.1035187	.8522019	.0937292
#3	.0027365	5.569906	9.724189	.1036382	.8462612	.0931904

Elem	Li6707
Units	ppm
Avg	.0688992
Stddev	.0031815
%RSD	4.617636
#1	.0683367
#2	.0723245
#3	.0660365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.557	29550.60	2731.434	2052.519	2627.648
Stddev	2.591	190.61	7.760	8.458	4.070
%RSD	.1078469	.6450367	.2840845	.4120866	.1548801
#1	2403.352	29720.11	2740.090	2058.992	2629.989
#2	2404.658	29344.26	2725.101	2042.949	2630.006
#3	2399.662	29587.44	2729.112	2055.617	2622.949

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

Sample Name: P5010-16 Acquired: 12/15/2024 3:05:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1318341**	**.0179510**	**2.101530**	**.0001627**	**.0228678**	**73.93363**
Stddev	.0016507	.0040577	.012483	.0029700	.0004254	2.08380
%RSD	1.252067	22.60439	.5940155	1825.120	1.860420	2.818468
#1	.1337331	.0225707	2.094761	-.000859	.0227703	74.17104
#2	.1307435	.0163185	2.093893	-.002161	.0233335	71.74130
#3	.1310257	.0149638	2.115936	.003509	.0224996	75.88855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.422692**	**.0058851**	**.0079493**	**211.9054**	**.1341767**	**.1211241**
Stddev	.037152	.0000856	.0000919	5.5447	.0004122	.0011614
%RSD	2.611406	1.454398	1.156649	2.616593	.3071836	.9588423
#1	1.427844	.0059312	.0078438	212.4789	.1341944	.1211116
#2	1.383233	.0057863	.0080124	206.0962	.1345797	.1199689
#3	1.456999	.0059377	.0079918	217.1411	.1337560	.1222916

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3259223**	**157.5846**	**8.062982**	**88.91242**	**.2240393**	**-.007340**
Stddev	.0132693	3.9232	.207275	2.14669	.0013899	.000213
%RSD	4.071300	2.489614	2.570696	2.414389	.6203743	2.897429
#1	.3240646	157.9485	8.090730	88.89236	.2226940	-.007229
#2	.3136797	153.4921	7.843230	86.77582	.2239539	-.007585
#3	.3400225	161.3132	8.254984	91.06907	.2254698	-.007206

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7258855**	**.1617194**	**1.457273**	**7.686443**	F **17.47385**	**-.032165**
Stddev	.2276130	.0073653	.008009	.221981	.09906	.000663
%RSD	31.35660	4.554336	.5495550	2.887955	.5668889	2.060135
#1	.4686032	.1642067	1.453971	7.775039	17.44292	-.032492
#2	.8080290	.1534326	1.466405	7.433846	17.39394	-.032600
#3	.9010244	.1675190	1.451443	7.850445	17.58468	-.031402

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

Sample Name: P5010-16 Acquired: 12/15/2024 3:05:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008847	4.465697	8.891333	.1842856	.9080479	.1437687
Stddev	.0003819	.033726	.238737	.0040233	.0206513	.0035333
%RSD	43.16094	.7552136	2.685053	2.183189	2.274249	2.457617
#1	.0012457	4.458056	8.934792	.1845694	.9101219	.1443217
#2	.0009235	4.436447	8.633852	.1801279	.8864379	.1399915
#3	.0004850	4.502587	9.105356	.1881595	.9275840	.1469929

Elem	Li6707
Units	ppm
Avg	.0877314
Stddev	.0038064
%RSD	4.338654
#1	.0857558
#2	.0853190
#3	.0921193

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2371.425	29109.19	2726.945	2016.418	2514.863
Stddev	6.800	40.06	66.720	1.519	11.174
%RSD	.2867417	.1376052	2.446703	.0753282	.4443316
#1	2371.923	29090.78	2708.919	2017.886	2515.431
#2	2377.962	29081.65	2800.827	2014.853	2525.743
#3	2364.390	29155.14	2671.090	2016.515	2503.416

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

Sample Name: P5010-17 Acquired: 12/15/2024 3:09:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1469372**	**.0172742**	**2.635716**	**.0050164**	**.0239880**	**73.42510**
Stddev	.0032652	.0028664	.009672	.0019317	.0027258	.15606
%RSD	2.222171	16.59365	.3669718	38.50742	11.36313	.2125480
#1	.1496006	.0147315	2.646087	.0047468	.0230826	73.60418
#2	.1432944	.0167105	2.626940	.0070688	.0270513	73.35301
#3	.1479167	.0203806	2.634123	.0032337	.0218302	73.31812

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.447756**	**.0064335**	**.0084924**	**114.9855**	**.1312554**	**.1110875**
Stddev	.005445	.0001301	.0001972	.2760	.0020416	.0003646
%RSD	.3761270	2.021646	2.322271	.2400400	1.555399	.3281712
#1	1.454012	.0063876	.0087201	115.2659	.1333384	.1114205
#2	1.445178	.0065803	.0083778	114.9764	.1311700	.1111440
#3	1.444079	.0063327	.0083793	114.7141	.1292580	.1106980

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3511692**	**159.0688**	**8.148998**	**44.28355**	**.2264620**	**-.007033**
Stddev	.0040374	.6149	.019996	.15567	.0014067	.000843
%RSD	1.149706	.3865592	.2453824	.3515328	.6211557	11.99056
#1	.3552890	159.6096	8.171261	44.43594	.2278904	-.007851
#2	.3472196	159.1967	8.132564	44.28991	.2250782	-.006166
#3	.3509991	158.4000	8.143168	44.12479	.2264174	-.007083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9835110**	**.1757704**	**1.559034**	**7.749084**	F **10.63898**	**-.031038**
Stddev	.2045158	.0060572	.022196	.056322	.03691	.002022
%RSD	20.79446	3.446103	1.423707	.7268157	.3469732	6.513231
#1	.9666099	.1796980	1.573236	7.724578	10.68119	-.032709
#2	1.195953	.1687946	1.570409	7.813508	10.61270	-.028791
#3	.787970	.1788188	1.533456	7.709168	10.62307	-.031614

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

Sample Name: P5010-17 Acquired: 12/15/2024 3:09:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012632	3.470658	9.179309	.1196561	.9356367	.1138447
Stddev	.0004420	.018344	.034298	.0027600	.0043011	.0002774
%RSD	34.99290	.5285403	.3736442	2.306575	.4597016	.2436416
#1	.0011842	3.491738	9.173085	.1220501	.9405846	.1141460
#2	.0017394	3.461908	9.148550	.1166373	.9327911	.1137881
#3	.0008660	3.458327	9.216293	.1202809	.9335343	.1136000

Elem	Li6707
Units	ppm
Avg	.0855362
Stddev	.0009311
%RSD	1.088542
#1	.0864933
#2	.0846334
#3	.0854819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2457.060	30155.22	2772.437	2099.014	2635.449
Stddev	3.289	342.84	4.968	26.129	5.911
%RSD	.1338405	1.136914	.1791985	1.244817	.2242731
#1	2453.422	30043.12	2775.017	2087.158	2628.941
#2	2457.939	29882.46	2766.709	2080.916	2640.483
#3	2459.820	30540.07	2775.584	2128.969	2636.923

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

Sample Name: P5010-18 Acquired: 12/15/2024 3:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1035354**	**.0204525**	**2.363088**	**-.001343**	**.0193945**	**66.66916**
Stddev	.0031858	.0003607	.002937	.003407	.0022598	.19292
%RSD	3.076991	1.763739	.1242724	253.5776	11.65188	.2893629
#1	.1015962	.0208686	2.359722	-.005239	.0179855	66.49704
#2	.1017979	.0202613	2.365122	.000129	.0181969	66.63277
#3	.1072122	.0202276	2.364421	.001079	.0220010	66.87768

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.740349**	**.0054306**	**.0071312**	**187.1978**	**.1128303**	**.1103157**
Stddev	.004048	.0001050	.0000890	.2217	.0004053	.0005698
%RSD	.2326033	1.932505	1.248044	.1184130	.3592452	.5165211
#1	1.736353	.0055505	.0070338	186.9655	.1132419	.1102280
#2	1.740245	.0053857	.0071513	187.2208	.1128172	.1097948
#3	1.744448	.0053555	.0072083	187.4071	.1124316	.1109243

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3006760**	**144.7654**	**8.440127**	**42.22646**	**.1629874**	**-.005449**
Stddev	.0034428	.6120	.030985	.25665	.0009174	.000204
%RSD	1.145017	.4227720	.3671207	.6078030	.5628543	3.740533
#1	.3042785	144.2484	8.414675	41.95122	.1619773	-.005285
#2	.2974190	144.6066	8.431074	42.26892	.1632160	-.005386
#3	.3003305	145.4412	8.474630	42.45923	.1637688	-.005677

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8384196**	**.1470882**	**1.522519**	**8.035124**	F **13.69348**	**-.018923**
Stddev	.1431020	.0063948	.012362	.162715	.03004	.003659
%RSD	17.06806	4.347604	.8119212	2.025050	.2194107	19.33560
#1	.6886400	.1397285	1.508438	7.917636	13.65945	-.022783
#2	.8528714	.1512874	1.531586	7.966889	13.70468	-.018481
#3	.9737473	.1502487	1.527533	8.220847	13.71633	-.015505

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

Sample Name: P5010-18 Acquired: 12/15/2024 3:13:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000613	3.122857	9.352330	.0954247	.7795984	.2395456
Stddev	.000659	.010328	.039062	.0009795	.0085032	.0004735
%RSD	107.5431	.3307336	.4176740	1.026461	1.090719	.1976652
#1	-.000922	3.132220	9.387030	.0947770	.7702455	.2390178
#2	-.001061	3.124573	9.310024	.0949456	.7816868	.2399332
#3	.000144	3.111778	9.359935	.0965515	.7868628	.2396857

Elem	Li6707
Units	ppm
Avg	.0730402
Stddev	.0028789
%RSD	3.941499
#1	.0697264
#2	.0744689
#3	.0749252

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.912	30036.57	2780.574	2084.826	2583.027
Stddev	2.981	125.62	12.454	6.734	4.963
%RSD	.1220949	.4182078	.4478808	.3229867	.1921509
#1	2445.276	30180.42	2782.897	2092.585	2587.834
#2	2439.593	29980.81	2791.703	2080.516	2577.921
#3	2440.869	29948.49	2767.123	2081.376	2583.327

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

Sample Name: P5010-19 Acquired: 12/15/2024 3:17:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0681873**	**.0249624**	**1.570374**	**-.003586**	**.0134263**	**58.71143**
Stddev	.0059215	.0017878	.005059	.000156	.0012507	.09796
%RSD	8.684225	7.162159	.3221223	4.343908	9.315108	.1668534
#1	.0749325	.0259072	1.564534	-.003661	.0148058	58.82397
#2	.0657848	.0260796	1.573395	-.003690	.0123665	58.66504
#3	.0638446	.0229004	1.573193	-.003407	.0131066	58.64529

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.817237**	**.0042925**	**.0056675**	**230.5695**	**.0997517**	**.1054969**
Stddev	.004170	.0000617	.0000963	.4069	.0007446	.0000893
%RSD	.2294757	1.438238	1.698884	.1764718	.7464163	.0846685
#1	1.821424	.0042878	.0057450	231.0392	.0993253	.1054335
#2	1.813084	.0043565	.0056979	230.3236	.0993184	.1054581
#3	1.817203	.0042333	.0055597	230.3457	.1006115	.1055990

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2466734**	**124.1723**	**9.193045**	**42.96282**	**.1288109**	**-.003948**
Stddev	.0071089	.4607	.022473	.14325	.0010470	.000389
%RSD	2.881899	.3710417	.2444578	.3334211	.8127841	9.845171
#1	.2485297	124.5453	9.203679	43.09013	.1276255	-.003970
#2	.2526699	123.6572	9.167228	42.80771	.1296090	-.003548
#3	.2388205	124.3143	9.208227	42.99062	.1291983	-.004325

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.173631**	**.1126060**	**1.027509**	**6.945944**	F **15.42854**	**-.009470**
Stddev	.318331	.0078392	.010165	.114446	.04585	.001505
%RSD	27.12356	6.961585	.9893143	1.647668	.2971958	15.89496
#1	1.452378	.1036895	1.018950	7.067208	15.37624	-.008249
#2	1.241765	.1157138	1.038745	6.839824	15.46186	-.009009
#3	.826750	.1184149	1.024831	6.930800	15.44751	-.011152

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

Sample Name: P5010-19 Acquired: 12/15/2024 3:17:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000572	3.188301	9.733396	.0724565	.6586574	.3596870
Stddev	.000611	.006646	.048959	.0014092	.0039442	.0005626
%RSD	106.9204	.2084460	.5030000	1.944896	.5988280	.1564084
#1	-.000067	3.180661	9.789289	.0716629	.6559930	.3591619
#2	-.001251	3.191494	9.712794	.0716231	.6567908	.3596183
#3	-.000396	3.192748	9.698104	.0740836	.6631884	.3602808

Elem	Li6707
Units	ppm
Avg	.0562640
Stddev	.0022546
%RSD	4.007237
#1	.0572732
#2	.0578377
#3	.0536810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.607	29998.06	2784.287	2086.359	2605.249
Stddev	1.841	102.71	7.097	5.923	6.816
%RSD	.0754090	.3423912	.2548834	.2838820	.2616275
#1	2441.690	30104.05	2778.732	2092.261	2610.959
#2	2439.726	29991.16	2792.282	2086.398	2597.703
#3	2443.405	29898.97	2781.847	2080.416	2607.085

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

Sample Name: P5010-20 Acquired: 12/15/2024 3:21:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0711429	.0233740	1.598528	-.004362	.0185055	60.40612
Stddev	.0025570	.0018919	.005570	.004589	.0020021	.32534
%RSD	3.594218	8.094023	.3484667	105.2131	10.81896	.5385890
#1	.0687235	.0250672	1.601396	-.002256	.0176296	60.19428
#2	.0738184	.0237228	1.592108	-.009626	.0170907	60.78072
#3	.0708870	.0213319	1.602079	-.001204	.0207964	60.24336

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.877419	.0045830	.0058734	239.1068	.1022110	.1089644
Stddev	.011912	.0001434	.0000659	1.3425	.0025601	.0002012
%RSD	.6344950	3.128749	1.121226	.5614517	2.504754	.1846788
#1	1.868326	.0045867	.0058988	237.8927	.0992575	.1091966
#2	1.890903	.0047245	.0057986	240.5485	.1035802	.1088410
#3	1.873027	.0044378	.0059228	238.8792	.1037955	.1088555

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2570005	130.3661	9.672297	44.09300	.1342734	-.005028
Stddev	.0038469	.6606	.053847	.34724	.0012013	.001104
%RSD	1.496845	.5067339	.5567127	.7875262	.8946283	21.95797
#1	.2569277	130.0994	9.637713	43.90798	.1356217	-.004589
#2	.2531905	131.1184	9.734338	44.49358	.1338815	-.006284
#3	.2608833	129.8806	9.644842	43.87745	.1333172	-.004211

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.089239	.1239959	1.048067	7.394877	F 16.29630	-.007726
Stddev	.096041	.0056926	.007324	.188426	.04872	.000477
%RSD	8.817292	4.590940	.6988012	2.548055	.2989357	6.171236
#1	1.195220	.1195872	1.042373	7.323485	16.34662	-.007864
#2	1.007964	.1219781	1.045498	7.608566	16.24936	-.007195
#3	1.064534	.1304226	1.056329	7.252580	16.29292	-.008118

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

Sample Name: P5010-20 Acquired: 12/15/2024 3:21:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000752	3.259269	10.08808	.0769143	.6875847	.3670873
Stddev	.000198	.020138	.11973	.0024592	.0078548	.0020528
%RSD	26.36803	.6178786	1.186876	3.197322	1.142377	.5592241
#1	-.000802	3.282505	9.98841	.0793593	.6816175	.3657184
#2	-.000533	3.248421	10.22089	.0744412	.6964837	.3694477
#3	-.000920	3.246879	10.05493	.0769425	.6846527	.3660959

Elem	Li6707
Units	ppm
Avg	.0629090
Stddev	.0029045
%RSD	4.617043
#1	.0596509
#2	.0652273
#3	.0638487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2427.723	29936.73	2744.019	2073.483	2571.242
Stddev	1.371	257.85	12.218	16.521	3.858
%RSD	.0564667	.8613003	.4452521	.7967704	.1500586
#1	2428.844	30233.89	2749.400	2092.012	2568.024
#2	2426.195	29772.17	2730.034	2068.148	2575.520
#3	2428.131	29804.13	2752.622	2060.289	2570.182

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

Sample Name: P5010-19LX5 Acquired: 12/15/2024 3:25:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120006	.0086190	.3485889	-.009207	-.001132	14.85831	.4598845
Stddev	.0021651	.0038257	.0030360	.005225	.000491	.01606	.0013197
%RSD	18.04128	44.38672	.8709352	56.74873	43.33335	.1081130	.2869563
#1	.0095007	.0092516	.3508475	-.003174	-.001329	14.87103	.4604663
#2	.0132312	.0045164	.3451377	-.012279	-.001494	14.86365	.4583739
#3	.0132700	.0120889	.3497814	-.012169	-.000574	14.84026	.4608132

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011451	.0008938	59.08865	.0252632	.0359922	.0611051	32.13256
Stddev	.0001040	.0000491	.17091	.0007573	.0004228	.0143558	.08873
%RSD	9.085964	5.494111	.2892421	2.997491	1.174775	23.49370	.2761387
#1	.0012142	.0009198	58.89331	.0260959	.0356383	.0743336	32.20498
#2	.0010254	.0008371	59.16199	.0250779	.0358780	.0458395	32.03359
#3	.0011956	.0009243	59.21065	.0246157	.0364604	.0631422	32.15913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.377667	11.22743	.0248959	-.001408	.7611035	.0323341	.2586168
Stddev	.003437	.08940	.0008225	.001456	.1479886	.0016775	.0012208
%RSD	.1445527	.7962912	3.303846	103.4505	19.44395	5.187873	.4720658
#1	2.377923	11.24087	.0248345	-.000580	.6352830	.0342064	.2577061
#2	2.374109	11.13206	.0241058	-.000554	.9241513	.0318278	.2600040
#3	2.380969	11.30934	.0257474	-.003089	.7238761	.0309682	.2581403

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.327882	3.305871	-.016051	-.001797	.6788977	2.548344	.0138564
Stddev	.084636	.011785	.003217	.000762	.0022253	.010433	.0009791
%RSD	6.373731	.3564833	20.04297	42.43357	.3277782	.4094000	7.065805
#1	1.407412	3.311454	-.019701	-.001010	.6813348	2.551308	.0145277
#2	1.238930	3.292332	-.014821	-.001848	.6783842	2.556974	.0127330
#3	1.337303	3.313826	-.013630	-.002532	.6769740	2.536749	.0143087

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

Sample Name: P5010-19LX5 Acquired: 12/15/2024 3:25:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1645109	.0912770	-.009041
Stddev	.0032891	.0002749	.004241
%RSD	1.999353	.3011586	46.90645
#1	.1677497	.0910664	-.008892
#2	.1611736	.0911767	-.013354
#3	.1646094	.0915880	-.004877

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2155.579	26478.35	2378.892	1838.764	2776.376
Stddev	10.601	30.06	6.392	4.783	12.905
%RSD	.4917796	.1135400	.2686959	.2601155	.4648068
#1	2165.461	26506.86	2375.444	1836.531	2787.944
#2	2156.894	26481.26	2374.965	1844.255	2778.727
#3	2144.382	26446.94	2386.268	1835.505	2762.458

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

Sample Name: P5010-21 Acquired: 12/15/2024 3:28:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1663910**	**.1182723**	**2.041640**	**.1195151**	**.0924791**	**73.09134**
Stddev	.0057002	.0010209	.007676	.0028382	.0009549	.15291
%RSD	3.425802	.8631632	.3759569	2.374780	1.032528	.2091974
#1	.1605548	.1185672	2.035419	.1226003	.0924273	73.26709
#2	.1719448	.1171365	2.039284	.1189299	.0934588	72.98886
#3	.1666734	.1191133	2.050218	.1170151	.0915512	73.01807

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.292179**	**.0832114**	**.1014883**	**259.2187**	**.4475102**	**1.068810**
Stddev	.020687	.0003158	.0004271	.7585	.0022210	.003340
%RSD	.3908949	.3794647	.4208691	.2926125	.4962919	.3124893
#1	5.312696	.0834919	.1010493	260.0941	.4471065	1.065769
#2	5.271326	.0828694	.1015129	258.8047	.4455188	1.068277
#3	5.292517	.0832728	.1019025	258.7573	.4499053	1.072384

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6886502**	**143.4176**	**10.07133**	**49.22978**	**1.129173**	**.0733993**
Stddev	.0075375	.4221	.02024	.35670	.002910	.0009984
%RSD	1.094528	.2943243	.2009536	.7245679	.2577409	1.360168
#1	.6928933	143.9029	10.09414	49.53179	1.126185	.0733748
#2	.6799476	143.1355	10.05552	49.32133	1.129335	.0744096
#3	.6931097	143.2143	10.06434	48.83623	1.131999	.0724134

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.059781**	**.9630484**	**1.905312**	**8.398535**	F **17.34184**	**-.003770**
Stddev	.265490	.0040674	.006880	.023520	.04536	.003102
%RSD	25.05142	.4223458	.3610837	.2800533	.2615389	82.28278
#1	1.230714	.9673046	1.911403	8.405742	17.29167	-.000954
#2	1.194705	.9626402	1.906683	8.417609	17.35390	-.007095
#3	.753925	.9592006	1.897850	8.372254	17.37994	-.003261

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

Sample Name: P5010-21 Acquired: 12/15/2024 3:28:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001134	3.611376	8.981050	.0912112	.7644732	.3865804
Stddev	.000339	.016003	.012832	.0009969	.0018059	.0011826
%RSD	29.91419	.4431275	.1428833	1.093008	.2362246	.3059223
#1	-.000899	3.593821	8.995846	.0916591	.7640339	.3878815
#2	-.000980	3.615155	8.974352	.0919056	.7629275	.3855708
#3	-.001523	3.625151	8.972952	.0900689	.7664582	.3862889

Elem	Li6707
Units	ppm
Avg	.0777016
Stddev	.0033414
%RSD	4.300345
#1	.0765806
#2	.0814594
#3	.0750647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2478.651	30522.10	2833.285	2116.245	2558.157
Stddev	2.720	107.34	9.767	5.217	2.734
%RSD	.1097186	.3516879	.3447181	.2465203	.1068853
#1	2477.212	30465.91	2822.037	2117.145	2555.509
#2	2476.953	30454.52	2838.201	2110.637	2557.993
#3	2481.788	30645.88	2839.617	2120.953	2560.970

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

Sample Name: P5010-22 Acquired: 12/15/2024 3:32:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1220385**	**.0402722**	**.9960734**	**.0017582**	**.0210480**	**73.94381**
Stddev	.0062146	.0040044	.0021316	.0042244	.0013507	.97290
%RSD	5.092284	9.943388	.2140000	240.2609	6.417094	1.315728
#1	.1227973	.0413133	.9972485	.0030790	.0197174	72.94676
#2	.1278388	.0436533	.9936128	.0051644	.0210088	74.89061
#3	.1154794	.0358501	.9973588	-.002969	.0224179	73.99406

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.414773**	**.0053736**	**.0082123**	**291.7186**	**.1241082**	**.1684414**
Stddev	.047472	.0001185	.0000705	4.3554	.0004069	.0007144
%RSD	1.390200	2.204574	.8582129	1.492999	.3278418	.4241067
#1	3.364995	.0052644	.0082903	287.6831	.1245772	.1680446
#2	3.459542	.0053570	.0081936	296.3354	.1238507	.1680136
#3	3.419784	.0054995	.0081532	291.1372	.1238965	.1692661

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2732326**	**162.9737**	**16.77501**	**41.12878**	**.1687759**	**-.006301**
Stddev	.0107979	2.5127	.24004	.73083	.0010882	.000124
%RSD	3.951901	1.541809	1.430947	1.776920	.6447378	1.965190
#1	.2662414	160.5486	16.53896	40.51780	.1700082	-.006211
#2	.2856689	165.5658	17.01885	41.93838	.1679470	-.006249
#3	.2677875	162.8066	16.76722	40.93015	.1683725	-.006442

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7014938**	**.1524935**	**1.091324**	**7.477814**	F **18.36882**	**-.010233**
Stddev	.2275192	.0095421	.006593	.204715	.03185	.000889
%RSD	32.43353	6.257411	.6040927	2.737635	.1733699	8.689041
#1	.5080536	.1416247	1.096288	7.245976	18.37861	-.010920
#2	.6442637	.1594947	1.083844	7.633692	18.33323	-.010551
#3	.9521640	.1563610	1.093839	7.553774	18.39463	-.009229

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

Sample Name: P5010-22 Acquired: 12/15/2024 3:32:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJL7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001686	4.499634	8.966941	.0664659	.5569798	.4211488
Stddev	.0001044	.008978	.127224	.0024008	.0036770	.0060095
%RSD	61.96074	.1995207	1.418808	3.612058	.6601762	1.426942
#1	.0002172	4.504268	8.843030	.0641027	.5550143	.4153570
#2	.0002398	4.489286	9.097237	.0663924	.5612219	.4273546
#3	.0000487	4.505347	8.960556	.0689026	.5547032	.4207347

Elem	Li6707
Units	ppm
Avg	.0741115
Stddev	.0034738
%RSD	4.687206
#1	.0713535
#2	.0780129
#3	.0729682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2696.742	33073.38	3085.723	2304.397	2526.393
Stddev	4.087	132.63	37.744	8.329	3.055
%RSD	.1515674	.4010119	1.223174	.3614456	.1209152
#1	2700.582	32930.46	3122.615	2294.837	2528.228
#2	2697.199	33192.49	3047.182	2310.089	2528.085
#3	2692.446	33097.21	3087.373	2308.265	2522.867

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

Sample Name: P5011-01 Acquired: 12/15/2024 3:36:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1027836**	**.0117263**	**1.669576**	**.0138818**	**.0254698**	**71.66330**
Stddev	.0030175	.0014990	.007040	.0002462	.0016843	.21305
%RSD	2.935763	12.78290	.4216705	1.773803	6.612754	.2972988
#1	.1051891	.0126001	1.661629	.0136099	.0269803	71.64544
#2	.0993979	.0099955	1.672068	.0140898	.0257753	71.45973
#3	.1037638	.0125834	1.675031	.0139457	.0236537	71.88472

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.229711**	**.0058141**	**.0082092**	**44.87308**	**.1330545**	**.1061997**
Stddev	.003724	.0001828	.0001045	.19164	.0006892	.0004968
%RSD	.3028483	3.144527	1.273602	.4270686	.5179805	.4677885
#1	1.228001	.0058416	.0083247	44.90897	.1328854	.1057060
#2	1.227149	.0056191	.0081817	44.66603	.1324656	.1061938
#3	1.233983	.0059816	.0081211	45.04424	.1338125	.1066995

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3430351**	**147.8954**	**9.470964**	**21.98894**	**.1990305**	**-.006721**
Stddev	.0015153	.7369	.042854	.12270	.0006359	.000436
%RSD	.4417197	.4982753	.4524724	.5580131	.3194787	6.487235
#1	.3446432	147.1746	9.442150	21.87655	.1994525	-.006313
#2	.3428281	147.8642	9.450533	21.97044	.1982992	-.007181
#3	.3416340	148.6475	9.520210	22.11985	.1993398	-.006668

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.609033**	**.1581742**	**1.395487**	**8.822130**	F **14.25685**	**-.035949**
Stddev	.224468	.0065431	.006881	.120732	.04891	.002409
%RSD	13.95052	4.136656	.4931141	1.368510	.3430886	6.700049
#1	1.620322	.1513382	1.387543	8.959820	14.20438	-.033169
#2	1.827643	.1643786	1.399314	8.734383	14.26497	-.037287
#3	1.379133	.1588058	1.399604	8.772187	14.30119	-.037392

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

Sample Name: P5011-01 Acquired: 12/15/2024 3:36:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054866	3.234969	8.672345	.0946958	1.211018	-.019432
Stddev	.0002950	.014473	.090339	.0022911	.003677	.000150
%RSD	5.377170	.4473799	1.041687	2.419451	.3036155	.7716087
#1	.0051924	3.218261	8.568053	.0920519	1.207905	-.019277
#2	.0057824	3.243585	8.722602	.0959393	1.210074	-.019441
#3	.0054849	3.243063	8.726379	.0960964	1.215075	-.019577

Elem	Li6707
Units	ppm
Avg	.0675122
Stddev	.0029020
%RSD	4.298453
#1	.0685384
#2	.0642366
#3	.0697616

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2460.823	30345.56	2718.517	2105.599	2685.718
Stddev	1.074	177.94	3.604	10.508	3.825
%RSD	.0436300	.5863905	.1325803	.4990584	.1424283
#1	2460.562	30154.98	2721.335	2098.017	2690.058
#2	2459.904	30507.36	2719.759	2117.594	2682.838
#3	2462.003	30374.34	2714.455	2101.187	2684.256

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

Sample Name: P5011-02 Acquired: 12/15/2024 3:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1595268**	**.0076679**	**1.902039**	**.0212232**	**.0367271**	**77.57324**
Stddev	.0040736	.0041640	.000348	.0057366	.0007119	.07723
%RSD	2.553549	54.30453	.0183048	27.02987	1.938441	.0995592
#1	.1640879	.0028945	1.901642	.0253773	.0360303	77.48429
#2	.1582423	.0105545	1.902184	.0146778	.0374532	77.61216
#3	.1562504	.0095548	1.902292	.0236147	.0366978	77.62328

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.394265**	**.0071079**	**.0114309**	**42.64678**	**.1376983**	**.1231336**
Stddev	.001425	.0000299	.0000492	.04063	.0005772	.0004359
%RSD	.1022204	.4207384	.4305775	.0952676	.4191510	.3539735
#1	1.394557	.0071420	.0114800	42.65097	.1383312	.1228824
#2	1.395522	.0070957	.0114313	42.60422	.1372011	.1228815
#3	1.392717	.0070861	.0113815	42.68515	.1375625	.1236369

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4214858**	**205.1607**	**11.60663**	**21.09131**	**.2477290**	**-.010608**
Stddev	.0086459	.2099	.02182	.02181	.0010629	.001186
%RSD	2.051283	.1022896	.1879835	.1034282	.4290705	11.18176
#1	.4117131	204.9834	11.58162	21.09351	.2468737	-.011297
#2	.4246053	205.1062	11.61653	21.06848	.2489190	-.011290
#3	.4281390	205.3924	11.62175	21.11194	.2473944	-.009239

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8475597**	**.2008296**	**1.574051**	**8.204217**	F **14.66242**	**-.055725**
Stddev	.3745602	.0046330	.007111	.010378	.02855	.000380
%RSD	44.19278	2.306906	.4517729	.1264957	.1946966	.6813932
#1	.4159770	.1954934	1.581491	8.194736	14.63004	-.055321
#2	1.087798	.2038267	1.573342	8.202610	14.68397	-.055780
#3	1.038904	.2031686	1.567322	8.215305	14.67323	-.056074

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

Sample Name: P5011-02 Acquired: 12/15/2024 3:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070218	2.294488	8.316127	.1189248	1.336854	-.070576
Stddev	.0002662	.003084	.040003	.0009551	.009213	.000466
%RSD	3.791026	.1344196	.4810271	.8031557	.6891663	.6604304
#1	.0070030	2.294176	8.272144	.1185428	1.339837	-.070236
#2	.0067655	2.291572	8.350340	.1182197	1.344205	-.070385
#3	.0072969	2.297717	8.325897	.1200118	1.326519	-.071107

Elem	Li6707
Units	ppm
Avg	.0730386
Stddev	.0010419
%RSD	1.426511
#1	.0739554
#2	.0719055
#3	.0732549

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2536.095	31144.36	2838.225	2165.510	2699.978
Stddev	9.446	74.49	16.867	5.368	8.673
%RSD	.3724511	.2391852	.5942798	.2478810	.3212421
#1	2529.197	31082.80	2856.008	2161.643	2692.505
#2	2532.227	31123.11	2822.455	2163.249	2697.942
#3	2546.860	31227.17	2836.211	2171.638	2709.489

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

Sample Name: P5011-03 Acquired: 12/15/2024 3:44:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1332065**	**.0124555**	**2.032807**	**.0174596**	**.0305726**	**81.16213**
Stddev	.0072285	.0012189	.006709	.0009864	.0010283	.25118
%RSD	5.426498	9.786368	.3300254	5.649797	3.363447	.3094735
#1	.1411913	.0120928	2.025203	.0163262	.0305481	81.41269
#2	.1271088	.0114590	2.037892	.0181239	.0316130	81.16335
#3	.1313193	.0138146	2.035326	.0179287	.0295568	80.91035

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.465483**	**.0067637**	**.0115303**	**50.10805**	**.1480802**	**.1287517**
Stddev	.003297	.0001062	.0001014	.13170	.0016787	.0003898
%RSD	.2249504	1.570715	.8794375	.2628250	1.133678	.3027388
#1	1.469282	.0068254	.0115013	50.25838	.1470841	.1288648
#2	1.463793	.0068247	.0114465	50.01301	.1500184	.1283179
#3	1.463374	.0066410	.0116430	50.05276	.1471381	.1290724

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4514282**	**172.6970**	**11.85813**	**24.48353**	**.2532630**	**-.007088**
Stddev	.0098782	.8673	.03165	.07792	.0006919	.000877
%RSD	2.188220	.5022210	.2669397	.3182735	.2731857	12.37462
#1	.4620134	173.5580	11.89405	24.56497	.2527947	-.006264
#2	.4498158	172.7095	11.84607	24.47594	.2540577	-.008010
#3	.4424553	171.8235	11.83428	24.40967	.2529365	-.006991

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.130797**	**.1883306**	**1.613510**	**8.338088**	F **14.62684**	**-.036685**
Stddev	.461262	.0028827	.007018	.037166	.04474	.001777
%RSD	40.79091	1.530634	.4349524	.4457428	.3059092	4.843797
#1	.893964	.1850042	1.608222	8.371613	14.57598	-.036558
#2	.836060	.1898879	1.621472	8.298122	14.66014	-.038522
#3	1.662367	.1900996	1.610837	8.344527	14.64441	-.034975

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

Sample Name: P5011-03 Acquired: 12/15/2024 3:44:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043068	2.385500	8.471775	.1019319	1.291640	-.010024
Stddev	.0004176	.014808	.068096	.0003770	.017455	.000406
%RSD	9.695664	.6207400	.8038007	.3698251	1.351388	4.054087
#1	.0047375	2.369150	8.506347	.1015311	1.307599	-.010023
#2	.0042792	2.398009	8.515650	.1019850	1.294321	-.010431
#3	.0039037	2.389341	8.393328	.1022794	1.272999	-.009619

Elem	Li6707
Units	ppm
Avg	.0790206
Stddev	.0023913
%RSD	3.026213
#1	.0814878
#2	.0788608
#3	.0767131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.935	31629.98	2870.451	2195.851	2693.134
Stddev	10.340	61.08	15.693	4.471	7.646
%RSD	.4003260	.1931236	.5467081	.2035912	.2839020
#1	2582.076	31676.64	2856.937	2196.717	2697.151
#2	2573.051	31652.47	2866.754	2191.011	2684.317
#3	2593.677	31560.84	2887.662	2199.825	2697.934

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

Sample Name: CCV025 Acquired: 12/15/2024 3:47:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.956659**	**5.119419**	**24.67971**	**4.718151**	**4.904496**	**416.1093**	**10.41510**
Stddev	.011742	.003282	.06302	.009362	.005757	.8150	.01708
%RSD	.2369022	.0641127	.2553400	.1984203	.1173758	.1958736	.1639557
#1	4.969639	5.115763	24.62210	4.720675	4.898909	415.4161	10.39538
#2	4.946774	5.122111	24.67002	4.725992	4.910408	417.0072	10.42502
#3	4.953563	5.120382	24.74701	4.707786	4.904170	415.9046	10.42490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5022648**	**2.484514**	**416.9434**	**15.23493**	**2.460500**	**15.45281**	**416.3963**
Stddev	.0033980	.005383	.3418	.19850	.005234	.04787	.6848
%RSD	.6765370	.2166668	.0819735	1.302938	.2127277	.3097767	.1644600
#1	.4984171	2.479724	416.8116	15.28307	2.455190	15.40393	415.6960
#2	.5035232	2.483478	417.3315	15.01678	2.460656	15.49960	417.0645
#3	.5048541	2.490340	416.6871	15.40493	2.465655	15.45491	416.4284

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**15.12508**	**401.7224**	**2.469234**	**1.259633**	**412.7277**	**2.526999**	**15.09143**
Stddev	.01672	.7125	.004317	.014550	1.1180	.021566	.19290
%RSD	.1105359	.1773597	.1748491	1.155117	.2708819	.8534133	1.278218
#1	15.11412	401.3323	2.465284	1.262000	411.5086	2.503202	15.23741
#2	15.11681	402.5448	2.468574	1.244045	412.9691	2.545249	14.87274
#3	15.14433	401.2902	2.473843	1.272855	413.7052	2.532547	15.16415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**151.3811**	**5.000639**	**4.785711**	**4.942530**	**4.945620**	**4.946973**	**5.075681**
Stddev	.3311	.017567	.019505	.002856	.010242	.016946	.007695
%RSD	.2187420	.3512967	.4075657	.0577753	.2070978	.3425628	.1515985
#1	151.0015	4.994289	4.763961	4.945797	4.951582	4.927677	5.069563
#2	151.5317	4.987130	4.801649	4.940508	4.933793	4.959436	5.073160
#3	151.6102	5.020498	4.791525	4.941286	4.951484	4.953807	5.084320

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

Sample Name: CCV025 Acquired: 12/15/2024 3:47:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV025 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**5.135215**	**4.806476**	**5.214880**
Stddev	.010694	.002851	.012144
%RSD	.2082439	.0593076	.2328803
#1	5.122873	4.804990	5.210763
#2	5.141723	4.809762	5.228548
#3	5.141048	4.804675	5.205329

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1626.848**	**22093.10**	**2114.458**	**1443.877**	**2198.930**
Stddev	2.645	175.84	11.915	12.494	6.018
%RSD	.1625814	.7959125	.5635244	.8653374	.2736929
#1	1629.440	22033.80	2123.582	1435.607	2205.877
#2	1624.153	22290.92	2100.978	1458.250	2195.606
#3	1626.952	21954.57	2118.815	1437.775	2195.307

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

Sample Name: CCB025 Acquired: 12/15/2024 3:51:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.004474**	**-.001670**	**.0043006**	**-.002039**	**-.000806**	**.0054866**
Stddev	.003081	.000759	.0004620	.001752	.001398	.0098740
%RSD	68.86928	45.43598	10.74221	85.90714	173.3483	179.9665
#1	-.001003	-.002431	.0037676	-.000121	.000791	.0150785
#2	-.005535	-.001665	.0045484	-.003555	-.001408	-.004647
#3	-.006885	-.000914	.0045859	-.002441	-.001802	.006029

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003484**	**.0000227**	**-.000140**	**-.043840**	**.0007750**	**-.000342**
Stddev	.000323	.0001762	.000136	.046037	.0006717	.000364
%RSD	9.272336	777.3311	97.19691	105.0111	86.67261	106.3818
#1	-.003346	-.000117	-.000202	-.073251	.0003918	-.000637
#2	-.003853	-.000036	-.000235	-.067483	.0015507	.000065
#3	-.003252	.000221	.000016	.009214	.0003826	-.000454

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.006769**	**-.005962**	**.0002835**	**.0281998**	**-.000609**	**.0017486**
Stddev	.003511	.055730	.0006973	.0122332	.000096	.0011958
%RSD	51.87027	934.7038	245.9265	43.38055	15.79828	68.38855
#1	-.002724	.038303	.0010409	.0275951	-.000510	.0015082
#2	-.009026	.012355	.0001415	.0407242	-.000617	.0030463
#3	-.008556	-.068546	-.000332	.0162802	-.000702	.0006912

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5065435**	**.0075358**	**-.003486**	**-.360571**	**-.000189**	**-.005949**
Stddev	.4844623	.0124450	.007675	.170320	.002167	.001264
%RSD	95.64080	165.1451	220.1746	47.23621	1145.492	21.25340
#1	1.049607	.0093500	.005015	-.438239	-.000648	-.004600
#2	.351267	.0189742	-.009905	-.165261	.002170	-.007106
#3	.118756	-.005717	-.005567	-.478212	-.002090	-.006141

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

Sample Name: CCB025 Acquired: 12/15/2024 3:51:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB025 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008504	-.010760	-.041229	-.001131	-.003179	.0000822
Stddev	.0003456	.003045	.000884	.001129	.003564	.0002836
%RSD	40.64150	28.30048	2.143282	99.86608	112.1219	345.0673
#1	.0009715	-.014205	-.040231	-.002126	-.002412	-.000245
#2	.0011191	-.008427	-.041912	.000097	-.007063	.000241
#3	.0004605	-.009649	-.041543	-.001364	-.000060	.000251

Elem	Li6707
Units	ppm
Avg	F -.028974
Stddev	.005262
%RSD	18.15978
#1	-.031441
#2	-.022932
#3	-.032548

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.093	24630.67	2186.956	1721.179	2780.420
Stddev	11.200	127.95	6.654	11.860	8.340
%RSD	.5549616	.5194903	.3042538	.6890663	.2999520
#1	2019.953	24606.21	2184.582	1722.319	2779.450
#2	2006.080	24769.09	2194.471	1732.429	2772.607
#3	2028.246	24516.71	2181.814	1708.791	2789.202

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

Sample Name: P5011-04 Acquired: 12/15/2024 3:55:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0827874**	**.0129934**	**1.445926**	**.0090524**	**.0255234**	**75.17592**
Stddev	.0049548	.0013669	.003494	.0019038	.0017075	.27253
%RSD	5.984901	10.51982	.2416616	21.03140	6.689803	.3625182
#1	.0787641	.0145718	1.443414	.0090846	.0274897	75.39854
#2	.0812765	.0121993	1.444447	.0109400	.0246646	75.25721
#3	.0883217	.0122092	1.449916	.0071327	.0244158	74.87199

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.266950**	**.0063269**	**.0073710**	**78.10482**	**.1282497**	**.1039065**
Stddev	.003928	.0000841	.0001083	.29982	.0005493	.0000749
%RSD	.3100620	1.329365	1.469342	.3838667	.4283112	.0720339
#1	1.266299	.0063208	.0073855	78.37426	.1282920	.1038591
#2	1.271162	.0064139	.0072562	78.15836	.1276805	.1038675
#3	1.263387	.0062460	.0074713	77.78184	.1287766	.1039928

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3038403**	**154.7839**	**6.912524**	**28.39049**	**.1940953**	**-.007817**
Stddev	.0052380	.7037	.032804	.05502	.0008715	.000413
%RSD	1.723932	.4546212	.4745638	.1938032	.4489935	5.281084
#1	.3050140	155.4187	6.928178	28.40432	.1950715	-.007944
#2	.3083919	154.9058	6.934570	28.43728	.1938188	-.008152
#3	.2981150	154.0272	6.874825	28.32987	.1933956	-.007356

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8907150**	**.1510474**	**1.532227**	**9.344240**	F **13.57027**	**-.014799**
Stddev	.1883681	.0042130	.006878	.105376	.00966	.002929
%RSD	21.14797	2.789185	.4488606	1.127714	.0711646	19.79228
#1	.7638994	.1544269	1.539338	9.252277	13.57692	-.012499
#2	1.107162	.1463272	1.525610	9.459223	13.55919	-.013801
#3	.801084	.1523880	1.531734	9.321219	13.57470	-.018096

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

Sample Name: P5011-04 Acquired: 12/15/2024 3:55:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010501	2.579495	8.811829	.0738851	1.118940	.0437060
Stddev	.0004557	.005378	.027179	.0013258	.005457	.0004395
%RSD	43.39849	.2084878	.3084419	1.794411	.4876523	1.005579
#1	.0011453	2.583443	8.842303	.0750388	1.119043	.0435959
#2	.0014508	2.573370	8.803087	.0741798	1.124344	.0441901
#3	.0005543	2.581672	8.790095	.0724368	1.113433	.0433321

Elem	Li6707
Units	ppm
Avg	.0860422
Stddev	.0018529
%RSD	2.153484
#1	.0866926
#2	.0874822
#3	.0839518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.856	31534.30	2867.336	2195.803	2653.145
Stddev	11.490	25.85	3.969	4.380	10.814
%RSD	.4488365	.0819779	.1384325	.1994891	.4075729
#1	2562.400	31549.66	2862.961	2191.200	2656.522
#2	2569.861	31548.79	2868.339	2199.920	2661.868
#3	2547.308	31504.45	2870.707	2196.289	2641.047

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

Sample Name: P5011-05 Acquired: 12/15/2024 3:59:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0744479	.0120364	1.597951	-.000643	.0186855	81.56003
Stddev	.0019075	.0005857	.019399	.000943	.0029036	1.36699
%RSD	2.562203	4.866197	1.213989	146.4941	15.53934	1.676050
#1	.0722478	.0115587	1.593930	-.000738	.0159165	80.21932
#2	.0756383	.0118605	1.619046	-.001535	.0184330	81.50891
#3	.0754576	.0126899	1.580879	.000343	.0217072	82.95186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.749589	.0062676	.0063343	151.1087	.1263676	.0959012
Stddev	.030495	.0001536	.0000908	2.3999	.0040099	.0019681
%RSD	1.743009	2.451289	1.434026	1.588181	3.173191	2.052242
#1	1.720346	.0060948	.0064359	148.6750	.1218026	.0962141
#2	1.747222	.0063194	.0062611	151.1778	.1293209	.0976942
#3	1.781199	.0063887	.0063058	153.4733	.1279792	.0937954

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3382547	148.7504	5.521748	32.33452	.1526416	-.005602
Stddev	.0030699	2.3879	.097938	.59706	.0012500	.000980
%RSD	.9075613	1.605323	1.773681	1.846512	.8188982	17.50057
#1	.3364598	146.1730	5.424611	31.68097	.1527339	-.004505
#2	.3417994	149.1903	5.520166	32.47121	.1538429	-.005910
#3	.3365050	150.8877	5.620468	32.85139	.1513481	-.006392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4638580	.1494658	1.362225	10.46683	F 18.03930	-.001838
Stddev	.4830798	.0056963	.038751	.20974	.21544	.002396
%RSD	104.1439	3.811111	2.844661	2.003855	1.194288	130.3905
#1	-.093393	.1484875	1.317877	10.22666	17.99779	-.000806
#2	.720806	.1555879	1.379247	10.61394	18.27248	-.004577
#3	.764160	.1443220	1.389552	10.55989	17.84764	-.000130

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

Sample Name: P5011-05 Acquired: 12/15/2024 3:59:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000584	3.305849	9.392763	.0699459	1.020385	.2505569
Stddev	.000388	.039796	.231755	.0031791	.018536	.0046338
%RSD	66.32200	1.203808	2.467375	4.545097	1.816603	1.849401
#1	-.001028	3.301078	9.125557	.0707863	1.003076	.2462635
#2	-.000412	3.347816	9.513675	.0726203	1.018134	.2499384
#3	-.000313	3.268654	9.539056	.0664310	1.039943	.2554689

Elem	Li6707
Units	ppm
Avg	.0956793
Stddev	.0034928
%RSD	3.650474
#1	.0921516
#2	.0957505
#3	.0991360

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2564.249	32038.23	2856.741	2220.100	2642.252
Stddev	22.217	791.92	49.215	51.134	33.167
%RSD	.8664163	2.471787	1.722775	2.303213	1.255273
#1	2566.980	32952.58	2911.254	2279.144	2646.999
#2	2540.793	31570.87	2843.390	2190.721	2606.967
#3	2584.975	31591.25	2815.579	2190.436	2672.790

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

Sample Name: P5011-06 Acquired: 12/15/2024 4:03:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638640	.0129406	.9889629	-.000875	.0179252	85.64928
Stddev	.0035898	.0044466	.0030696	.005239	.0023335	.14781
%RSD	5.620973	34.36146	.3103875	598.4534	13.01815	.1725772
#1	.0638384	.0175144	.9917726	-.006849	.0197629	85.73139
#2	.0674665	.0126740	.9856868	.001282	.0152997	85.73781
#3	.0602871	.0086333	.9894294	.002940	.0187129	85.47864

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.814020	.0060552	.0064930	167.6621	.1333276	.0961103
Stddev	.005901	.0001739	.0001266	.2409	.0004414	.0007299
%RSD	.3253182	2.872629	1.950008	.1436889	.3310651	.7594342
#1	1.815819	.0060116	.0066095	167.6339	.1335208	.0954450
#2	1.818813	.0062467	.0065111	167.4365	.1328225	.0959950
#3	1.807429	.0059071	.0063583	167.9158	.1336394	.0968911

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3335983	138.4525	5.235338	31.45449	.1509884	-.005623
Stddev	.0043657	.5362	.026709	.11771	.0004826	.000562
%RSD	1.308664	.3873083	.5101707	.3742300	.3196170	10.00367
#1	.3316889	138.8230	5.249952	31.55400	.1513719	-.005592
#2	.3305125	138.6970	5.251552	31.48493	.1511468	-.005076
#3	.3385934	137.8376	5.204511	31.32455	.1504465	-.006200

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7888697	.1514127	1.197242	9.316118	F 19.23878	.0059418
Stddev	.0744892	.0074273	.005068	.007127	.06008	.0013938
%RSD	9.442528	4.905310	.4232886	.0764999	.3122884	23.45734
#1	.8711099	.1563112	1.194646	9.323044	19.16941	.0053152
#2	.7695685	.1428669	1.203082	9.316504	19.27329	.0049713
#3	.7259307	.1550600	1.193998	9.308806	19.27365	.0075389

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

Sample Name: P5011-06 Acquired: 12/15/2024 4:03:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001124	3.914450	8.298065	.0558027	.9859901	.3410751
Stddev	.000722	.007908	.024343	.0006566	.0051225	.0013732
%RSD	64.26563	.2020309	.2933615	1.176620	.5195244	.4025980
#1	-.000416	3.909171	8.318857	.0564900	.9915081	.3417689
#2	-.001096	3.923542	8.304051	.0551819	.9850759	.3419630
#3	-.001859	3.910636	8.271287	.0557363	.9813862	.3394935

Elem	Li6707
Units	ppm
Avg	.1070067
Stddev	.0011999
%RSD	1.121296
#1	.1083843
#2	.1064460
#3	.1061899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2593.830	31838.72	2949.054	2216.114	2571.649
Stddev	6.963	85.77	17.204	7.672	7.178
%RSD	.2684393	.2693755	.5833760	.3461858	.2791292
#1	2598.567	31771.01	2940.916	2215.214	2577.665
#2	2585.836	31935.17	2937.428	2224.196	2563.703
#3	2597.088	31810.00	2968.817	2208.932	2573.578

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

Sample Name: P5011-07 Acquired: 12/15/2024 4:07:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0892482	.0040954	.4733569	.0063478	.0237443	72.31957
Stddev	.0035008	.0016405	.0014275	.0015539	.0019706	.28170
%RSD	3.922589	40.05554	.3015641	24.47931	8.299139	.3895277
#1	.0931344	.0032798	.4748522	.0065417	.0214935	72.00404
#2	.0882687	.0059839	.4732098	.0077957	.0245805	72.40884
#3	.0863413	.0030227	.4720086	.0047061	.0251589	72.54582

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.078326	.0062450	.0057764	81.97411	.1205151	.0915661
Stddev	.002915	.0000523	.0000905	.34341	.0005379	.0001243
%RSD	.2703362	.8366684	1.565856	.4189205	.4463185	.1357166
#1	1.074961	.0061936	.0058408	81.62503	.1202188	.0916154
#2	1.079945	.0062981	.0058154	81.98578	.1211359	.0916581
#3	1.080073	.0062433	.0056730	82.31154	.1201904	.0914247

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2973126	156.4409	3.511860	24.44338	.1395957	-.007838
Stddev	.0039055	.5430	.008443	.09101	.0010025	.001169
%RSD	1.313595	.3471269	.2404009	.3723435	.7181651	14.92103
#1	.2945981	156.1663	3.502305	24.47010	.1385509	-.007642
#2	.2955512	156.0901	3.514965	24.34200	.1396865	-.006779
#3	.3017886	157.0664	3.518310	24.51805	.1405498	-.009093

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.100182	.1950092	.9065789	5.483622	F 15.73364	-.036724
Stddev	.296268	.0019072	.0044758	.044311	.02575	.002209
%RSD	26.92896	.9779777	.4937030	.8080555	.1636506	6.014855
#1	.773760	.1947299	.9015606	5.442555	15.75403	-.036086
#2	1.352054	.1932571	.9101582	5.530586	15.70471	-.034904
#3	1.174732	.1970406	.9080180	5.477724	15.74220	-.039181

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

Sample Name: P5011-07 Acquired: 12/15/2024 4:07:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014586	2.263729	8.846027	.0292460	1.025496	.0878272
Stddev	.0002891	.002094	.072293	.0017709	.007011	.0002651
%RSD	19.82098	.0925188	.8172325	6.055012	.6836868	.3018429
#1	.0015859	2.264814	8.821016	.0286963	1.017401	.0878112
#2	.0016622	2.265058	8.789560	.0278151	1.029439	.0875705
#3	.0011277	2.261315	8.927503	.0312264	1.029648	.0881000

Elem	Li6707
Units	ppm
Avg	.0864674
Stddev	.0009404
%RSD	1.087625
#1	.0866691
#2	.0872907
#3	.0854425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2719.993	33501.83	3036.056	2328.633	2699.432
Stddev	2.279	222.95	4.927	8.760	.686
%RSD	.0837742	.6654739	.1622767	.3762053	.0254182
#1	2720.700	33312.14	3030.603	2321.468	2700.210
#2	2717.444	33445.95	3040.186	2326.032	2698.914
#3	2721.834	33747.40	3037.378	2338.399	2699.171

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

Sample Name: P5011-08 Acquired: 12/15/2024 4:10:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0705488**	**.0047506**	**1.319902**	**.0133869**	**.0240735**	**70.03896**
Stddev	.0020575	.0023759	.000623	.0057358	.0030601	.24800
%RSD	2.916389	50.01230	.0472225	42.84588	12.71166	.3540886
#1	.0697617	.0041215	1.320371	.0101178	.0270397	69.82146
#2	.0728836	.0027526	1.319195	.0200098	.0242534	69.98639
#3	.0690011	.0073777	1.320140	.0100332	.0209274	70.30903

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.053263**	**.0057410**	**.0153203**	**45.09838**	**.1464115**	**.0913725**
Stddev	.000966	.0001176	.0000595	.11110	.0010573	.0005843
%RSD	.0917358	2.048174	.3880324	.2463578	.7221281	.6394645
#1	1.053217	.0056115	.0153875	45.10743	.1452052	.0920362
#2	1.054252	.0057703	.0152744	44.98303	.1468520	.0911457
#3	1.052321	.0058411	.0152991	45.20468	.1471774	.0909356

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2284781**	**143.0199**	**5.996003**	**23.81330**	**.2037427**	**-.006475**
Stddev	.0049256	.2674	.017033	.09689	.0018404	.000926
%RSD	2.155817	.1869563	.2840677	.4068670	.9033044	14.30942
#1	.2323014	142.9148	5.976421	23.88737	.2058264	-.007524
#2	.2229198	142.8211	6.007378	23.84888	.2023392	-.005771
#3	.2302131	143.3239	6.004211	23.70365	.2030625	-.006129

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4620596**	**.1431266**	**1.577437**	**6.818011**	F **11.77102**	**-.034174**
Stddev	.1257726	.0102686	.018198	.062272	.03089	.001997
%RSD	27.22000	7.174498	1.153638	.9133509	.2624412	5.844228
#1	.5095629	.1355958	1.577320	6.860548	11.80037	-.031868
#2	.5571622	.1389606	1.559298	6.846950	11.77392	-.035309
#3	.3194538	.1548236	1.595693	6.746535	11.73879	-.035346

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

Sample Name: P5011-08 Acquired: 12/15/2024 4:10:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031964	4.167076	9.152776	.0949575	1.129578	-.013582
Stddev	.0000909	.013940	.045222	.0016646	.005035	.000629
%RSD	2.844629	.3345230	.4940773	1.753029	.4457691	4.633927
#1	.0031069	4.182028	9.107299	.0931877	1.124992	-.012855
#2	.0031938	4.154438	9.197738	.0964919	1.134967	-.013947
#3	.0032887	4.164762	9.153293	.0951930	1.128774	-.013944

Elem	Li6707
Units	ppm
Avg	.0698620
Stddev	.0007928
%RSD	1.134813
#1	.0692910
#2	.0707672
#3	.0695279

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.795	30623.79	2760.549	2124.256	2724.916
Stddev	12.046	26.58	18.224	7.087	14.106
%RSD	.4861527	.0867884	.6601650	.3336307	.5176725
#1	2464.645	30625.40	2780.529	2130.463	2710.115
#2	2480.444	30649.53	2744.839	2125.772	2726.429
#3	2488.296	30596.45	2756.279	2116.534	2738.205

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

Sample Name: P5011-09 Acquired: 12/15/2024 4:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0722108**	**.0017695**	**1.309872**	**.0153710**	**.0247947**	**66.06445**
Stddev	.0015928	.0019860	.003978	.0004779	.0013525	.08423
%RSD	2.205767	112.2383	.3036679	3.109387	5.454701	.1274927
#1	.0732461	.0024075	1.311048	.0156110	.0259275	66.15068
#2	.0703767	-.000457	1.305439	.0148207	.0232973	66.06028
#3	.0730097	.003358	1.313129	.0156815	.0251594	65.98238

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9800208**	**.0057533**	**.0102682**	**38.94512**	**.1305654**	**.0905409**
Stddev	.0031409	.0000723	.0001210	.12081	.0010000	.0003715
%RSD	.3204945	1.257474	1.178494	.3102080	.7659187	.4102787
#1	.9835196	.0056706	.0104077	39.00382	.1317194	.0906500
#2	.9790988	.0058047	.0101915	39.02535	.1300231	.0908457
#3	.9774441	.0057846	.0102054	38.80617	.1299536	.0901271

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2174333**	**143.9724**	**6.138209**	**22.17027**	**.1998542**	**-.007789**
Stddev	.0050464	.1648	.012432	.01627	.0003912	.000881
%RSD	2.320898	.1144779	.2025399	.0733787	.1957453	11.31432
#1	.2163349	143.9371	6.152436	22.15483	.2003046	-.007305
#2	.2130266	144.1520	6.132754	22.16873	.1996589	-.008806
#3	.2229385	143.8281	6.129437	22.18726	.1995991	-.007255

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7626066**	**.1499310**	**1.432378**	**7.612488**	F **11.06136**	**-.035184**
Stddev	.3930557	.0062807	.003509	.043096	.02762	.002038
%RSD	51.54108	4.189091	.2450105	.5661285	.2496835	5.791162
#1	.3091360	.1477177	1.430279	7.600666	11.08941	-.036676
#2	1.005654	.1570187	1.430425	7.576537	11.06049	-.036013
#3	.973029	.1450565	1.436429	7.660262	11.03419	-.032862

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

Sample Name: P5011-09 Acquired: 12/15/2024 4:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030796	3.078866	9.596891	.0821182	1.164698	-.023367
Stddev	.0001789	.009698	.002550	.0014707	.004533	.000293
%RSD	5.809629	.3149907	.0265694	1.790896	.3892419	1.255826
#1	.0030995	3.080331	9.594214	.0834274	1.166701	-.023161
#2	.0028916	3.068518	9.597166	.0824002	1.159508	-.023703
#3	.0032478	3.087748	9.599292	.0805269	1.167884	-.023236

Elem	Li6707
Units	ppm
Avg	.0616380
Stddev	.0063475
%RSD	10.29800
#1	.0666775
#2	.0545092
#3	.0637272

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2464.667	30462.96	2724.539	2108.829	2726.151
Stddev	15.696	41.79	6.073	10.611	18.593
%RSD	.6368420	.1371814	.2228971	.5031925	.6820247
#1	2458.533	30427.15	2728.380	2117.860	2717.760
#2	2452.963	30452.85	2717.537	2097.142	2713.232
#3	2482.503	30508.87	2727.699	2111.485	2747.461

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

Sample Name: P5011-10 Acquired: 12/15/2024 4:18:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0877826**	**.0075797**	**1.612648**	**.0156743**	**.0325299**	**73.43508**
Stddev	.0053844	.0020481	.014539	.0059015	.0010590	.94749
%RSD	6.133839	27.02025	.9015905	37.65073	3.255510	1.290239
#1	.0918694	.0079811	1.611216	.0183034	.0332739	72.34959
#2	.0897969	.0053607	1.598877	.0198044	.0329984	74.09621
#3	.0816814	.0093974	1.627850	.0089152	.0313175	73.85945

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.204182**	**.0067841**	**.0114608**	**56.20880**	**.1314465**	**.1051563**
Stddev	.014262	.0001044	.0002468	.78408	.0005402	.0008289
%RSD	1.184342	1.538515	2.153788	1.394934	.4109396	.7882679
#1	1.188003	.0068555	.0113799	55.32331	.1315933	.1051322
#2	1.214932	.0068325	.0112645	56.81495	.1308480	.1043396
#3	1.209612	.0066643	.0117379	56.48815	.1318980	.1059969

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2352384**	**181.4340**	**6.995477**	**27.01577**	**.2314204**	**-.009717**
Stddev	.0099118	2.3004	.067194	.29046	.0011263	.001325
%RSD	4.213500	1.267892	.9605300	1.075142	.4866807	13.63399
#1	.2239976	178.9514	6.923319	26.70440	.2304296	-.011188
#2	.2427233	183.4934	7.056252	27.27941	.2311863	-.009346
#3	.2389943	181.8572	7.006859	27.06348	.2326454	-.008617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7558733**	**.1534778**	**1.710744**	**8.611302**	F **13.89415**	**-.045254**
Stddev	.4063929	.0021066	.013317	.184746	.08644	.001541
%RSD	53.76469	1.372606	.7784553	2.145387	.6221256	3.404705
#1	.4380132	.1542345	1.719426	8.472455	13.87818	-.044828
#2	1.213766	.1510974	1.695411	8.820983	13.81681	-.043971
#3	.615840	.1551017	1.717395	8.540468	13.98746	-.046963

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

Sample Name: P5011-10 Acquired: 12/15/2024 4:18:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016341	2.664353	8.726150	.0906196	1.192326	-.030618
Stddev	.0004001	.012076	.065212	.0013651	.013146	.000549
%RSD	24.48455	.4532317	.7473159	1.506452	1.102513	1.792141
#1	.0011737	2.666435	8.657472	.0921826	1.177598	-.030171
#2	.0018976	2.651371	8.787230	.0896610	1.202871	-.031230
#3	.0018311	2.675252	8.733747	.0900153	1.196508	-.030452

Elem	Li6707
Units	ppm
Avg	.0844942
Stddev	.0014002
%RSD	1.657142
#1	.0830726
#2	.0845380
#3	.0858719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.901	31298.90	2844.903	2170.193	2687.651
Stddev	14.390	122.87	26.210	5.004	12.183
%RSD	.5647726	.3925837	.9213081	.2305903	.4533092
#1	2546.678	31204.54	2870.779	2164.937	2686.764
#2	2562.863	31437.84	2818.371	2174.900	2700.253
#3	2534.161	31254.31	2845.560	2170.742	2675.935

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

Sample Name: P5011-11 Acquired: 12/15/2024 4:22:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1040386	.0086685	1.343750	.0134292	.0322167	76.06661
Stddev	.0026939	.0011988	.008078	.0019282	.0021310	.44013
%RSD	2.589294	13.82949	.6011274	14.35838	6.614498	.5786128
#1	.1060558	.0077984	1.353003	.0123216	.0297561	76.34270
#2	.1050806	.0081712	1.338107	.0123103	.0334421	75.55904
#3	.1009794	.0100360	1.340140	.0156557	.0334520	76.29808

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.374002	.0068996	.0100793	82.84525	.1292715	.1179280
Stddev	.006659	.0001318	.0000163	.37886	.0006303	.0003564
%RSD	.4846516	1.910346	.1616470	.4573141	.4875660	.3022189
#1	1.380363	.0069771	.0100607	83.13523	.1297079	.1181215
#2	1.367080	.0069743	.0100912	82.41659	.1285488	.1175167
#3	1.374562	.0067474	.0100860	82.98393	.1295576	.1181458

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2692875	196.7525	7.517607	28.99661	.2296613	-.010301
Stddev	.0023643	1.2563	.052456	.12633	.0017502	.000387
%RSD	.8779740	.6385087	.6977686	.4356880	.7620813	3.752748
#1	.2669549	197.7719	7.561486	29.09018	.2311045	-.010199
#2	.2716823	195.3490	7.459507	28.85290	.2277145	-.010728
#3	.2692254	197.1366	7.531828	29.04675	.2301648	-.009975

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7089450	.1594848	1.561057	8.961854	F 14.26139	-.048846
Stddev	.4014746	.0013740	.022756	.135787	.09185	.001177
%RSD	56.62987	.8615308	1.457747	1.515164	.6440237	2.408770
#1	.9790272	.1610680	1.536645	9.037538	14.33894	-.047892
#2	.2476010	.1587816	1.564843	8.805092	14.15996	-.048486
#3	.9002067	.1586046	1.581682	9.042932	14.28528	-.050161

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

Sample Name: P5011-11 Acquired: 12/15/2024 4:22:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009546	2.510793	8.645549	.0837591	1.121920	-.010060
Stddev	.0005431	.019328	.113654	.0008311	.004376	.000375
%RSD	56.89495	.7697979	1.314598	.9922617	.3900090	3.727807
#1	.0015059	2.527694	8.775509	.0840104	1.122060	-.010365
#2	.0004200	2.489719	8.564758	.0828313	1.117476	-.009641
#3	.0009378	2.514964	8.596379	.0844355	1.126224	-.010174

Elem	Li6707
Units	ppm
Avg	.0843187
Stddev	.0026875
%RSD	3.187317
#1	.0858827
#2	.0812155
#3	.0858580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.956	31936.15	2890.975	2212.816	2666.179
Stddev	11.529	60.16	29.233	6.400	19.715
%RSD	.4463632	.1883807	1.011194	.2892128	.7394466
#1	2575.129	31904.72	2857.344	2210.349	2652.058
#2	2596.196	32005.52	2910.298	2220.083	2688.704
#3	2577.543	31898.22	2905.283	2208.018	2657.776

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

Sample Name: P5011-12 Acquired: 12/15/2024 4:26:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0735290**	**.0099720**	**1.154168**	**.0052493**	**.0198095**	**79.02983**
Stddev	.0035996	.0033845	.009956	.0015066	.0039710	.71959
%RSD	4.895414	33.94010	.8625958	28.70155	20.04591	.9105297
#1	.0704820	.0065620	1.142698	.0046910	.0155710	79.14280
#2	.0775007	.0133304	1.160576	.0069554	.0204138	78.26044
#3	.0726044	.0100234	1.159230	.0041015	.0234437	79.68625

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.437670**	**.0061113**	**.0078122**	**81.95830**	**.1596625**	**.0925742**
Stddev	.015252	.0001094	.0000827	.80420	.0009047	.0005155
%RSD	1.060877	1.789634	1.058102	.9812292	.5666140	.5568356
#1	1.441120	.0060832	.0077465	82.05816	.1595864	.0920200
#2	1.420988	.0062320	.0079050	81.10883	.1587983	.0926633
#3	1.450900	.0060187	.0077849	82.70790	.1606028	.0930394

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2755107**	**137.5125**	**5.146393**	**27.05383**	**.1800591**	**-.005798**
Stddev	.0087771	1.4792	.051498	.22060	.0015792	.001304
%RSD	3.185748	1.075672	1.000670	.8154010	.8770575	22.48346
#1	.2678613	137.3704	5.153596	26.92588	.1782529	-.007303
#2	.2735778	136.1096	5.091672	26.92705	.1807454	-.004999
#3	.2850932	139.0577	5.193910	27.30855	.1811791	-.005093

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5839856**	**.1391278**	**1.406356**	**9.871814**	F **17.79166**	**-.014301**
Stddev	.3670223	.0022836	.019273	.197087	.18419	.002088
%RSD	62.84783	1.641383	1.370439	1.996465	1.035257	14.59769
#1	.5805536	.1375223	1.388295	9.908026	17.58104	-.014138
#2	.2186913	.1381191	1.404126	9.659132	17.92256	-.016466
#3	.9527118	.1417421	1.426648	10.04828	17.87138	-.012300

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

Sample Name: P5011-12 Acquired: 12/15/2024 4:26:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006180	2.777563	8.477990	.0630936	.9926249	.1002056
Stddev	.0001849	.031038	.036002	.0025688	.0103933	.0009099
%RSD	29.92193	1.117444	.4246511	4.071476	1.047050	.9080664
#1	.0007223	2.743328	8.471721	.0640316	1.001614	.1010554
#2	.0007273	2.803862	8.516714	.0650616	.981244	.0992456
#3	.0004045	2.785501	8.445534	.0601875	.995017	.1003159

Elem	Li6707
Units	ppm
Avg	.0807071
Stddev	.0010045
%RSD	1.244670
#1	.0818250
#2	.0804161
#3	.0798802

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.687	32582.82	2954.081	2253.470	2685.791
Stddev	8.673	340.04	.750	19.674	18.724
%RSD	.3264631	1.043631	.0253792	.8730732	.6971591
#1	2665.818	32787.01	2954.165	2270.580	2707.411
#2	2655.681	32771.17	2954.786	2257.859	2675.123
#3	2648.560	32190.27	2953.293	2231.972	2674.838

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

Sample Name: P5011-13 Acquired: 12/15/2024 4:29:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0948901	.0036638	.4899262	.0162900	.0373056	92.16548
Stddev	.0035143	.0035790	.0064741	.0014132	.0014284	.94523
%RSD	3.703497	97.68575	1.321450	8.675131	3.828924	1.025577
#1	.0908513	.0059075	.4826125	.0177854	.0372900	92.95798
#2	.0965684	.0055476	.4922425	.0149767	.0387417	91.11929
#3	.0972505	-.000464	.4949235	.0161079	.0358850	92.41917

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.370578	.0072201	.0071176	70.57582	.1603335	.1100902
Stddev	.012794	.0000930	.0002167	.80671	.0000522	.0017114
%RSD	.9334493	1.288798	3.044572	1.143043	.0325240	1.554517
#1	1.380858	.0073068	.0068677	71.23193	.1602908	.1081898
#2	1.356249	.0072316	.0072314	69.67512	.1603179	.1115095
#3	1.374625	.0071218	.0072536	70.82041	.1603916	.1105712

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1878781	215.1657	6.487256	31.53452	.1855078	-.012380
Stddev	.0022406	1.9771	.063965	.31383	.0013280	.000688
%RSD	1.192597	.9188515	.9860110	.9952059	.7158656	5.557157
#1	.1903420	216.7365	6.536645	31.76260	.1839755	-.011748
#2	.1859626	212.9456	6.415000	31.17661	.1862224	-.013113
#3	.1873298	215.8148	6.510122	31.66436	.1863254	-.012279

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6230789	.1847268	1.647278	7.511165	F 13.82481	-.058262
Stddev	.2768850	.0071379	.005668	.131966	.14029	.002783
%RSD	44.43819	3.864014	.3441065	1.756935	1.014780	4.776022
#1	.6309529	.1906744	1.643269	7.602295	13.66706	-.058756
#2	.8959430	.1866944	1.653763	7.359833	13.87179	-.055266
#3	.3423410	.1768115	1.644801	7.571367	13.93558	-.060765

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

Sample Name: P5011-13 Acquired: 12/15/2024 4:29:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007480	1.761461	8.570895	.0426971	1.164605	-.013966
Stddev	.0001673	.019813	.069633	.0009604	.005790	.000136
%RSD	22.36178	1.124824	.8124314	2.249334	.4971547	.9769527
#1	.0009028	1.739141	8.645640	.0436080	1.170362	-.013808
#2	.0007706	1.768268	8.507860	.0427893	1.158782	-.014047
#3	.0005706	1.776974	8.559184	.0416939	1.164671	-.014042

Elem	Li6707
Units	ppm
Avg	.0941923
Stddev	.0044392
%RSD	4.712898
#1	.0933176
#2	.0902556
#3	.0990037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2544.275	31467.00	2860.326	2179.773	2658.067
Stddev	20.820	36.74	26.323	4.268	30.616
%RSD	.8182970	.1167456	.9202884	.1958074	1.151809
#1	2568.133	31433.52	2833.656	2178.283	2693.413
#2	2529.787	31506.30	2886.288	2184.587	2639.865
#3	2534.904	31461.18	2861.035	2176.450	2640.921

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

Sample Name: P5011-14 Acquired: 12/15/2024 4:33:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0629068	.0028010	.2957054	.0162532	.0308374	72.98377	1.068411
Stddev	.0059044	.0030342	.0032642	.0028350	.0027121	.32854	.004961
%RSD	9.385891	108.3265	1.103882	17.44243	8.794685	.4501499	.4643776
#1	.0686746	-.000688	.2920654	.0178670	.0325888	72.64599	1.063188
#2	.0568747	.004268	.2966782	.0129798	.0322099	73.30222	1.073061
#3	.0631711	.004823	.2983727	.0179129	.0277134	73.00309	1.068986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056554	.0048921	48.90654	.1311566	.0948596	.0995391	186.5356
Stddev	.0001883	.0001731	.06570	.0033734	.0010224	.0062482	.6429
%RSD	3.329212	3.537462	.1343337	2.572037	1.077811	6.277078	.3446347
#1	.0054963	.0047159	48.88204	.1278017	.0941730	.0932014	185.9719
#2	.0058633	.0050618	48.98097	.1345482	.0943712	.1056936	187.2357
#3	.0056066	.0048985	48.85662	.1311199	.0960347	.0997224	186.3990

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.017184	26.86938	.1530166	-.010015	.8156524	.1402002	1.295959
Stddev	.022450	.07266	.0014153	.000209	.4397897	.0116633	.013510
%RSD	.3730930	.2704171	.9249577	2.091243	53.91877	8.319034	1.042490
#1	5.996115	26.83697	.1531185	-.009904	.6496159	.1318829	1.280936
#2	6.040798	26.95260	.1515530	-.010256	1.314289	.1535322	1.307110
#3	6.014639	26.81856	.1543781	-.009884	.483052	.1351856	1.299831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.250651	8.798019	-.057555	.0014643	.8477554	9.345352	.0310803
Stddev	.065480	.043446	.002588	.0001590	.0123931	.082763	.0007151
%RSD	1.047575	.4938204	4.495860	10.85815	1.461871	.8856049	2.300829
#1	6.182276	8.770544	-.056479	.0013454	.8481352	9.274594	.0312795
#2	6.312790	8.775405	-.060506	.0016449	.8351768	9.436361	.0302867
#3	6.256888	8.848108	-.055678	.0014026	.8599542	9.325102	.0316747

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

Sample Name: P5011-14 Acquired: 12/15/2024 4:33:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJN9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.184282	-.059464	.0730776
Stddev	.007812	.000362	.0007366
%RSD	.6596248	.6081021	1.007938
#1	1.178574	-.059310	.0722915
#2	1.181087	-.059878	.0737518
#3	1.193185	-.059206	.0731894

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2339.715	29091.16	2610.383	2017.719	2662.968
Stddev	6.999	478.73	17.103	32.172	9.503
%RSD	.2991315	1.645628	.6551983	1.594492	.3568504
#1	2338.740	29578.52	2616.483	2050.752	2668.438
#2	2347.151	28621.55	2591.066	1986.483	2668.471
#3	2333.255	29073.42	2623.599	2015.921	2651.995

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

Sample Name: P5011-15 Acquired: 12/15/2024 4:37:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760611	.0031442	2.431796	.0144656	.0274070	68.43803
Stddev	.0008337	.0010698	.013934	.0032716	.0020767	.61330
%RSD	1.096103	34.02539	.5730093	22.61665	7.577413	.8961435
#1	.0769490	.0040944	2.447822	.0107807	.0295901	68.94615
#2	.0752950	.0033526	2.425025	.0155871	.0254562	67.75677
#3	.0759392	.0019855	2.422541	.0170289	.0271746	68.61118

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.087247	.0064353	.0074179	54.90408	.1496332	.0933415
Stddev	.006819	.0000194	.0000639	.54040	.0031750	.0010147
%RSD	.6271760	.3020071	.8614068	.9842553	2.121827	1.087120
#1	1.092942	.0064576	.0074018	55.39946	.1459747	.0945072
#2	1.079690	.0064226	.0073635	54.32779	.1512589	.0928612
#3	1.089108	.0064255	.0074883	54.98498	.1516662	.0926562

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2293420	156.4016	5.323214	27.38016	.2221241	-.007668
Stddev	.0040490	1.0263	.031612	.07612	.0023600	.000290
%RSD	1.765486	.6561699	.5938604	.2780273	1.062472	3.784355
#1	.2340173	156.8698	5.342668	27.39480	.2238040	-.007882
#2	.2269883	155.2247	5.286738	27.29778	.2231423	-.007786
#3	.2270203	157.1102	5.340236	27.44790	.2194259	-.007338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7446071	.1561605	1.789006	9.414149	F 11.77737	-.014078
Stddev	.3141341	.0026152	.049946	.169435	.06242	.002715
%RSD	42.18789	1.674683	2.791841	1.799791	.5300021	19.28702
#1	1.027397	.1555655	1.735456	9.486338	11.84783	-.017118
#2	.406482	.1590219	1.834327	9.220575	11.75527	-.013220
#3	.799942	.1538940	1.797235	9.535534	11.72901	-.011895

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

Sample Name: P5011-15 Acquired: 12/15/2024 4:37:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037254	4.347961	9.666325	.0789849	1.211076	.0189736
Stddev	.0004857	.024942	.068828	.0018018	.010968	.0001630
%RSD	13.03637	.5736575	.7120424	2.281179	.9056529	.8593144
#1	.0042570	4.376762	9.743341	.0810419	1.212383	.0187854
#2	.0036145	4.333615	9.610826	.0782270	1.199513	.0190718
#3	.0033048	4.333506	9.644808	.0776859	1.221332	.0190636

Elem	Li6707
Units	ppm
Avg	.0770134
Stddev	.0028844
%RSD	3.745279
#1	.0773969
#2	.0739565
#3	.0796869

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.991	29733.70	2665.358	2052.317	2654.662
Stddev	6.528	442.56	28.958	33.687	14.407
%RSD	.2717692	1.488412	1.086469	1.641395	.5427213
#1	2394.503	30199.44	2634.184	2089.032	2638.603
#2	2404.986	29318.70	2691.419	2022.834	2658.929
#3	2406.485	29682.95	2670.472	2045.085	2666.455

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

Sample Name: P5011-16 Acquired: 12/15/2024 4:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1014067**	**.0086456**	**2.167088**	**.0130181**	**.0274994**	**84.29119**
Stddev	.0016463	.0044670	.006127	.0021124	.0016571	.16207
%RSD	1.623442	51.66805	.2827088	16.22651	6.025887	.1922792
#1	.0998115	.0035296	2.160172	.0154480	.0260454	84.47731
#2	.1013091	.0117728	2.171835	.0116201	.0271493	84.21512
#3	.1030997	.0106344	2.169257	.0119860	.0293036	84.18115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.437477**	**.0075374**	**.0106284**	**58.41905**	**.1640437**	**.1235838**
Stddev	.001969	.0001055	.0000933	.19642	.0006249	.0010412
%RSD	.1369930	1.399951	.8781161	.3362316	.3809030	.8424830
#1	1.439437	.0075986	.0106902	58.63309	.1642478	.1231271
#2	1.437497	.0074155	.0106740	58.24705	.1633423	.1247753
#3	1.435498	.0075980	.0105211	58.37703	.1645410	.1228491

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.3045995**	**166.0844**	**8.277678**	**33.45197**	**.3047077**	**-.007571**
Stddev	.0058261	.3864	.003988	.04932	.0011901	.000537
%RSD	1.912704	.2326818	.0481737	.1474219	.3905745	7.086815
#1	.3001016	166.1471	8.278656	33.48838	.3035269	-.008145
#2	.3025159	165.6705	8.273292	33.39585	.3059069	-.007485
#3	.3111809	166.4357	8.281086	33.47169	.3046894	-.007083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.031395**	**.1900492**	**2.382969**	**11.08811**	F **16.17334**	**-.020827**
Stddev	.162477	.0056005	.017232	.09348	.04049	.003081
%RSD	15.75318	2.946878	.7231186	.8430586	.2503332	14.79500
#1	.873646	.1835977	2.366982	11.09062	16.16012	-.021430
#2	1.198220	.1928880	2.401222	10.99341	16.21878	-.017489
#3	1.022317	.1936618	2.380702	11.18032	16.14111	-.023562

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

Sample Name: P5011-16 Acquired: 12/15/2024 4:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042064	3.698713	8.420475	.1263714	1.353837	.0482714
Stddev	.0003356	.008294	.031287	.0009168	.004061	.0001991
%RSD	7.977733	.2242308	.3715542	.7255103	.2999495	.4124787
#1	.0041510	3.690244	8.436301	.1256906	1.349674	.0480414
#2	.0045663	3.706819	8.384437	.1274139	1.357788	.0483855
#3	.0039020	3.699076	8.440687	.1260096	1.354048	.0483871

Elem	Li6707
Units	ppm
Avg	.1107110
Stddev	.0039947
%RSD	3.608210
#1	.1138371
#2	.1062106
#3	.1120854

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2595.159	31926.13	2893.790	2209.189	2646.776
Stddev	6.882	95.86	13.015	3.589	9.939
%RSD	.2651830	.3002557	.4497397	.1624695	.3755119
#1	2592.649	32027.52	2886.756	2209.813	2647.630
#2	2589.885	31836.97	2908.808	2205.329	2636.437
#3	2602.944	31913.91	2885.806	2212.425	2656.260

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

Sample Name: P5011-17 Acquired: 12/15/2024 4:45:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0868668**	**-.001731**	**1.196619**	**.0267561**	**.0565532**	**84.48876**
Stddev	.0031692	.001796	.008202	.0055600	.0002591	.23469
%RSD	3.648383	103.7483	.6854054	20.78042	.4582298	.2777717
#1	.0884128	.000296	1.189131	.0256222	.0562555	84.46583
#2	.0889663	-.002364	1.205385	.0218503	.0567281	84.73407
#3	.0832213	-.003124	1.195343	.0327956	.0566760	84.26638

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.243643**	**.0087207**	**.0101941**	**70.79889**	**.1278076**	**.1315213**
Stddev	.001785	.0000335	.0001358	.27705	.0015346	.0013430
%RSD	.1434904	.3844344	1.331963	.3913241	1.200742	1.021088
#1	1.242717	.0086823	.0101348	70.65020	.1270173	.1301381
#2	1.245700	.0087442	.0103494	71.11854	.1268292	.1328200
#3	1.242512	.0087356	.0100980	70.62792	.1295763	.1316056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1828206**	**306.1178**	**7.319833**	**33.60482**	**.2487542**	**-.020485**
Stddev	.0034891	.0883	.016698	.14794	.0012335	.000405
%RSD	1.908487	.0288609	.2281208	.4402295	.4958746	1.976430
#1	.1865640	306.0683	7.339112	33.69058	.2475588	-.020020
#2	.1796589	306.2198	7.310448	33.68988	.2486813	-.020762
#3	.1822391	306.0654	7.309940	33.43400	.2500225	-.020673

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.014047**	**.1746051**	**1.654329**	**10.81532**	F **16.66875**	**-.071059**
Stddev	.189646	.0050809	.021278	.12492	.08873	.002529
%RSD	18.70188	2.909944	1.286217	1.155006	.5323054	3.559478
#1	.862132	.1804597	1.654974	10.71071	16.57642	-.068467
#2	.953415	.1720073	1.632735	10.95363	16.75337	-.073521
#3	1.226595	.1713485	1.675277	10.78161	16.67645	-.071191

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

Sample Name: P5011-17 Acquired: 12/15/2024 4:45:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024431	2.490144	8.443110	.1022296	1.225635	-.093070
Stddev	.0000978	.014091	.059672	.0023984	.008379	.000303
%RSD	4.001031	.5658821	.7067546	2.346059	.6836685	.3252635
#1	.0023435	2.474964	8.377453	.0994635	1.231392	-.092765
#2	.0025389	2.502808	8.494040	.1034961	1.229491	-.093371
#3	.0024470	2.492658	8.457836	.1037293	1.216021	-.093074

Elem	Li6707
Units	ppm
Avg	.1026101
Stddev	.0020576
%RSD	2.005277
#1	.1035304
#2	.1002530
#3	.1040469

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2606.445	32266.38	2945.578	2239.754	2605.552
Stddev	15.345	177.81	7.587	13.723	17.437
%RSD	.5887519	.5510742	.2575877	.6126936	.6692384
#1	2622.046	32361.75	2951.467	2249.726	2623.520
#2	2591.369	32376.16	2937.015	2245.434	2588.699
#3	2605.920	32061.23	2948.251	2224.104	2604.435

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

Sample Name: P5011-18 Acquired: 12/15/2024 4:49:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1068217**	**.0019274**	**.6626766**	**.0113941**	**.0388029**	**86.23925**
Stddev	.0039445	.0015313	.0021643	.0024452	.0016717	.29794
%RSD	3.692614	79.45223	.3266037	21.45984	4.308093	.3454765
#1	.1100108	.0032104	.6608893	.0111337	.0373831	85.91805
#2	.1024109	.0002321	.6650830	.0090895	.0406453	86.50657
#3	.1080434	.0023396	.6620574	.0139590	.0383801	86.29312

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.074925**	**.0077990**	**.0080819**	**75.12011**	**.1321240**	**.1188739**
Stddev	.002637	.0000971	.0000643	.18986	.0032881	.0004441
%RSD	.2452768	1.244533	.7954819	.2527408	2.488677	.3735844
#1	1.073663	.0077251	.0081549	74.91563	.1290791	.1183950
#2	1.077955	.0079089	.0080339	75.29081	.1356107	.1189548
#3	1.073157	.0077629	.0080568	75.15390	.1316822	.1192720

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1724759**	**224.4146**	**5.794852**	**33.27622**	**.2120499**	**-.013783**
Stddev	.0039129	.9410	.009619	.17607	.0005988	.001054
%RSD	2.268690	.4193150	.1659844	.5291212	.2824059	7.647888
#1	.1769923	223.5162	5.783887	33.07296	.2119853	-.012634
#2	.1703303	225.3931	5.798802	33.37425	.2126784	-.014706
#3	.1701050	224.3345	5.801867	33.38147	.2114860	-.014007

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.042056**	**.1900831**	**1.578489**	**9.079450**	F **16.96278**	**-.046115**
Stddev	.710928	.0074406	.027339	.091976	.06323	.003701
%RSD	68.22366	3.914379	1.731992	1.013016	.3727736	8.025044
#1	.231276	.1891786	1.547576	9.110957	16.89878	-.043478
#2	1.336105	.1979346	1.599487	9.151533	16.96436	-.044520
#3	1.558785	.1831362	1.588404	8.975861	17.02521	-.050345

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

Sample Name: P5011-18 Acquired: 12/15/2024 4:49:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003845	1.964934	8.479510	.0729046	1.056910	.0072680
Stddev	.0002591	.017201	.055093	.0022208	.003721	.0004240
%RSD	67.37831	.8754022	.6497190	3.046161	.3520984	5.833510
#1	.0002012	1.945575	8.416929	.0707451	1.056401	.0077463
#2	.0006809	1.970767	8.520696	.0727867	1.060859	.0069385
#3	.0002714	1.978461	8.500905	.0751820	1.053469	.0071192

Elem	Li6707
Units	ppm
Avg	.0986915
Stddev	.0015965
%RSD	1.617678
#1	.1001764
#2	.0988953
#3	.0970029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2635.108	32665.97	2928.044	2257.996	2612.659
Stddev	12.159	494.24	10.600	36.296	7.636
%RSD	.4614275	1.513021	.3620141	1.607436	.2922604
#1	2633.455	33180.47	2939.846	2295.116	2615.546
#2	2623.861	32194.84	2919.333	2222.585	2604.001
#3	2648.010	32622.61	2924.953	2256.287	2618.431

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

Sample Name: P5011-19 Acquired: 12/15/2024 4:52:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0683167**	**.0005548**	**.4622561**	**.0144614**	**.0351501**	**80.16333**
Stddev	.0027886	.0043784	.0031570	.0054386	.0026165	.19374
%RSD	4.081833	789.1174	.6829541	37.60786	7.443829	.2416811
#1	.0700096	.0015189	.4611527	.0084311	.0346861	79.94028
#2	.0650982	-.004225	.4658167	.0189948	.0379676	80.28976
#3	.0698424	.004371	.4597989	.0159582	.0327966	80.25995

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8578367**	**.0066175**	**.0055530**	**49.80818**	**.1218154**	**.1005942**
Stddev	.0022973	.0000767	.0000880	.04722	.0019600	.0009091
%RSD	.2678015	1.159048	1.585230	.0948127	1.608966	.9037767
#1	.8552139	.0065493	.0055605	49.79185	.1215013	.1002396
#2	.8588041	.0066027	.0056370	49.77128	.1200315	.1016272
#3	.8594921	.0067006	.0054614	49.86140	.1239135	.0999158

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1178727**	**190.0975**	**4.984842**	**31.22057**	**.1855701**	**-.011825**
Stddev	.0067004	.8587	.015814	.11694	.0024994	.000994
%RSD	5.684448	.4516907	.3172441	.3745758	1.346858	8.406625
#1	.1188170	189.1061	4.966590	31.08766	.1843375	-.011783
#2	.1107503	190.5889	4.993493	31.26635	.1884464	-.010852
#3	.1240510	190.5977	4.994444	31.30771	.1839264	-.012839

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8420385**	**.1630027**	**1.595973**	**6.705603**	F **10.21715**	**-.048826**
Stddev	.1564246	.0034088	.006760	.086592	.05714	.004133
%RSD	18.57689	2.091264	.4235884	1.291334	.5592460	8.465373
#1	.8111828	.1668836	1.589246	6.613033	10.17883	-.053075
#2	1.011592	.1616310	1.595908	6.719158	10.28282	-.044820
#3	.703341	.1604934	1.602766	6.784618	10.18979	-.048582

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

Sample Name: P5011-19 Acquired: 12/15/2024 4:52:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005393**	**1.157573**	**8.668926**	**.0440598**	**1.126041**	**-.010118**
Stddev	.0006674	.011897	.086342	.0013253	.006982	.000455
%RSD	123.7671	1.027768	.9959974	3.007911	.6200140	4.497137
#1	.0009471	1.148908	8.670263	.0428862	1.117993	-.009724
#2	.0009017	1.171138	8.581922	.0454972	1.129654	-.010616
#3	-.000231	1.152674	8.754591	.0437962	1.130474	-.010014

Elem	Li6707
Units	ppm
Avg	**.0908042**
Stddev	.0010510
%RSD	1.157481
#1	.0910396
#2	.0917176
#3	.0896555

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2477.097**	**30726.35**	**2764.090**	**2126.956**	**2711.890**
Stddev	16.969	127.51	6.165	6.382	19.187
%RSD	.6850164	.4149841	.2230556	.3000745	.7075106
#1	2479.301	30667.68	2763.167	2128.549	2716.769
#2	2459.134	30872.64	2770.664	2132.391	2690.735
#3	2492.855	30638.74	2758.437	2119.928	2728.167

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

Sample Name: P5011-20 Acquired: 12/15/2024 4:56:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0855466**	**.0061904**	**.3410280**	**.0093922**	**.0328271**	**74.47233**
Stddev	.0010812	.0045018	.0009644	.0048719	.0005422	1.09797
%RSD	1.263908	72.72145	.2828032	51.87144	1.651557	1.474338
#1	.0867948	.0098907	.3412217	.0070400	.0323015	73.43622
#2	.0849019	.0075022	.3399814	.0149938	.0327954	75.62316
#3	.0849430	.0011785	.3418809	.0061428	.0333844	74.35762

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8571118**	**.0065746**	**.0064769**	**98.86728**	**.1170697**	**.1321624**
Stddev	.0127000	.0001562	.0000250	1.27212	.0019046	.0000922
%RSD	1.481721	2.375885	.3859940	1.286693	1.626938	.0697602
#1	.8456543	.0066526	.0064576	97.62627	.1175102	.1322189
#2	.8707674	.0066764	.0064679	100.1684	.1187156	.1320561
#3	.8549136	.0063948	.0065051	98.8072	.1149835	.1322123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1167128**	**205.9125**	**6.109383**	**47.44462**	**.2066491**	**-.013863**
Stddev	.0079721	2.8307	.085969	.54641	.0007742	.000805
%RSD	6.830498	1.374724	1.407155	1.151682	.3746311	5.805465
#1	.1075228	202.9546	6.017397	46.89824	.2075362	-.014308
#2	.1217680	208.5961	6.187695	47.99106	.2061100	-.014347
#3	.1208475	206.1869	6.123058	47.44456	.2063011	-.012934

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.096096**	**.1805083**	**1.273808**	**6.584024**	F **12.70961**	**-.057132**
Stddev	.310505	.0059864	.007308	.061596	.05597	.003925
%RSD	28.32823	3.316414	.5736855	.9355349	.4404138	6.870613
#1	.743411	.1767807	1.275278	6.527010	12.75301	-.061248
#2	1.216554	.1874135	1.280269	6.649356	12.64643	-.056718
#3	1.328323	.1773306	1.265877	6.575707	12.72940	-.053430

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

Sample Name: P5011-20 Acquired: 12/15/2024 4:56:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000051	.9230048	8.167596	.0357099	1.106876	-.020060
Stddev	.000161	.0068273	.112402	.0019480	.014236	.000873
%RSD	312.0027	.7396764	1.376196	5.455027	1.286157	4.350483
#1	-.000070	.9190315	8.155714	.0352326	1.093790	-.019102
#2	-.000202	.9190949	8.285467	.0340450	1.122035	-.020809
#3	.000118	.9308882	8.061607	.0378522	1.104805	-.020270

Elem	Li6707
Units	ppm
Avg	.0875630
Stddev	.0021128
%RSD	2.412885
#1	.0857759
#2	.0898948
#3	.0870184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2537.961	31407.52	2852.625	2168.452	2664.978
Stddev	8.065	335.53	39.110	27.693	9.050
%RSD	.3177698	1.068319	1.371010	1.277104	.3395914
#1	2529.533	31459.90	2879.815	2167.765	2655.730
#2	2545.606	31048.87	2807.804	2141.108	2673.817
#3	2538.744	31713.78	2870.257	2196.482	2665.386

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

Sample Name: P5011-21 Acquired: 12/15/2024 5:00:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0869795	.0064333	.3467350	.0085494	.0346933	75.14338
Stddev	.0025581	.0023890	.0013375	.0034616	.0012592	.20138
%RSD	2.941008	37.13499	.3857296	40.48918	3.629603	.2679881
#1	.0848985	.0091874	.3476675	.0048584	.0349734	75.37386
#2	.0898354	.0051935	.3473348	.0117233	.0357889	75.00145
#3	.0862045	.0049191	.3452026	.0090664	.0333176	75.05484

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8248025	.0065180	.0064852	108.8284	.1191676	.1302667
Stddev	.0026421	.0001758	.0001326	.3931	.0016029	.0002862
%RSD	.3203271	2.697524	2.044204	.3612073	1.345101	.2197062
#1	.8277278	.0066834	.0063335	109.2287	.1179862	.1301746
#2	.8225898	.0065372	.0065433	108.8137	.1209923	.1305877
#3	.8240901	.0063333	.0065787	108.4430	.1185245	.1300379

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156274	202.4506	5.734134	49.87985	.2053783	-.014027
Stddev	.0011799	.9634	.024580	.34173	.0006667	.000214
%RSD	1.020450	.4758616	.4286612	.6851026	.3246082	1.527239
#1	.1166047	203.5203	5.758729	50.11928	.2060213	-.013860
#2	.1143167	201.6513	5.709569	50.03176	.2046903	-.014269
#3	.1159609	202.1802	5.734104	49.48850	.2054234	-.013952

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4664207	.1813449	1.274909	6.603823	F 12.67902	-.054627
Stddev	.2450908	.0081342	.007582	.098905	.00872	.001894
%RSD	52.54715	4.485476	.5947137	1.497699	.0687892	3.467678
#1	.1897908	.1814906	1.271686	6.689160	12.67306	-.056758
#2	.5530015	.1894052	1.269472	6.495425	12.68903	-.053135
#3	.6564697	.1731388	1.283570	6.626885	12.67496	-.053987

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

Sample Name: P5011-21 Acquired: 12/15/2024 5:00:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000234	.9588768	8.035007	.0348181	1.130228	-.009899
Stddev	.000214	.0075499	.094201	.0015798	.001216	.000191
%RSD	91.54701	.7873644	1.172387	4.537348	.1076007	1.929206
#1	-.000025	.9512026	8.141789	.0349237	1.131283	-.009719
#2	-.000453	.9662959	7.963667	.0331882	1.130504	-.009878
#3	-.000224	.9591319	7.999564	.0363425	1.128898	-.010099

Elem	Li6707
Units	ppm
Avg	.0935532
Stddev	.0036635
%RSD	3.915963
#1	.0934611
#2	.0899367
#3	.0972619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2562.052	31679.80	2913.374	2193.589	2682.590
Stddev	5.155	191.20	14.815	7.067	6.050
%RSD	.2012133	.6035442	.5085067	.3221811	.2255429
#1	2557.768	31889.97	2905.971	2201.743	2677.206
#2	2560.615	31516.17	2930.431	2189.805	2681.428
#3	2567.774	31633.25	2903.719	2189.220	2689.138

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

Sample Name: P5011-20LX5 Acquired: 12/15/2024 5:04:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170807	.0026486	.0727154	-.001202	.0057541	17.75589	.2003419
Stddev	.0046618	.0009534	.0013718	.004730	.0012340	.05484	.0015330
%RSD	27.29259	35.99439	1.886576	393.4045	21.44616	.3088589	.7651702
#1	.0221294	.0037444	.0740536	.000250	.0071763	17.70791	.2012372
#2	.0161733	.0020094	.0713122	-.006489	.0051196	17.81567	.2012167
#3	.0129393	.0021921	.0727805	.002632	.0049665	17.74410	.1985719

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016980	.0010229	23.73822	.0282491	.0333639	.0257062	49.52168
Stddev	.0000629	.0000787	.04111	.0012186	.0005332	.0096216	.24667
%RSD	3.702492	7.693705	.1731645	4.313962	1.598017	37.42926	.4981058
#1	.0016520	.0009380	23.72105	.0283602	.0332406	.0246518	49.63960
#2	.0016724	.0010372	23.70848	.0294084	.0329033	.0358116	49.68725
#3	.0017696	.0010934	23.78513	.0269787	.0339479	.0166552	49.23818

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.470049	11.42804	.0390325	-.002124	.7002568	.0365699	.2976579
Stddev	.008387	.08196	.0009449	.000886	.6830411	.0052231	.0034991
%RSD	.5705569	.7171814	2.420829	41.69335	97.54151	14.28247	1.175541
#1	1.468549	11.50179	.0385359	-.003044	1.203234	.0422027	.2937867
#2	1.479086	11.44251	.0401222	-.001278	-.077355	.0318869	.2985915
#3	1.462514	11.33980	.0384395	-.002051	.974891	.0356200	.3005956

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.048846	2.545151	-.029842	-.000279	.1782422	1.976226	.0061476
Stddev	.106004	.002240	.001148	.000131	.0037278	.011048	.0009896
%RSD	10.10670	.0880258	3.846612	47.05893	2.091435	.5590236	16.09789
#1	1.036878	2.543777	-.030201	-.000361	.1760765	1.982800	.0056492
#2	.949335	2.543940	-.028557	-.000128	.1761033	1.982407	.0055063
#3	1.160327	2.547737	-.030767	-.000349	.1825467	1.963472	.0072874

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

Sample Name: P5011-20LX5 Acquired: 12/15/2024 5:04:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2571607	-.005432	-.007698
Stddev	.0029153	.000187	.002196
%RSD	1.133632	3.449852	28.52092
#1	.2604133	-.005578	-.005806
#2	.2562855	-.005497	-.007183
#3	.2547834	-.005220	-.010106

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2121.659	26379.92	2346.044	1832.349	2735.389
Stddev	2.573	419.86	17.680	31.342	5.179
%RSD	.1212916	1.591590	.7536004	1.710479	.1893354
#1	2119.513	26181.91	2340.109	1818.970	2733.014
#2	2124.512	26095.69	2332.095	1809.916	2741.330
#3	2120.953	26862.17	2365.927	1868.160	2731.824

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

Sample Name: P5011-22 Acquired: 12/15/2024 5:08:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.1723536**	**.1004365**	**.4333080**	**.1334872**	**.1015255**	**87.95981**
Stddev	.0005272	.0011779	.0005813	.0042418	.0025887	.40850
%RSD	.3058577	1.172804	.1341493	3.177702	2.549849	.4644170
#1	.1729315	.0991167	.4331596	.1308649	.0998000	87.49324
#2	.1718991	.1013812	.4328153	.1312155	.1045022	88.13305
#3	.1722302	.1008116	.4339491	.1383810	.1002744	88.25314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.188978**	**.0865900**	**.1042596**	**112.3776**	**.4587003**	**1.095651**
Stddev	.017653	.0004902	.0002627	.4329	.0099086	.003053
%RSD	.4214051	.5661249	.2519201	.3852273	2.160156	.2786053
#1	4.174881	.0863594	.1044363	111.9752	.4653646	1.093960
#2	4.183277	.0871530	.1043846	112.3220	.4634224	1.099174
#3	4.208777	.0862577	.1039578	112.8356	.4473139	1.093818

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5446770**	**216.2050**	**6.280302**	**54.27831**	**1.193486**	**.0649892**
Stddev	.0030523	1.1549	.036966	.40752	.002170	.0011079
%RSD	.5603857	.5341559	.5885948	.7508039	.1817891	1.704740
#1	.5413444	215.4109	6.260823	54.23212	1.192325	.0661877
#2	.5453500	215.6743	6.257150	53.89584	1.195990	.0647776
#3	.5473367	217.5299	6.322934	54.70696	1.192145	.0640024

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8299865**	**1.020031**	**2.155723**	**7.005702**	F **11.40545**	**-.055264**
Stddev	.4741741	.014379	.048299	.094601	.03224	.004620
%RSD	57.13034	1.409699	2.240489	1.350349	.2826572	8.359369
#1	.4436512	1.004361	2.201553	7.023219	11.38069	-.050466
#2	1.359160	1.023111	2.160330	6.903566	11.44190	-.059682
#3	.687148	1.032621	2.105286	7.090320	11.39376	-.055642

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

Sample Name: P5011-22 Acquired: 12/15/2024 5:08:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJP5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001000	1.050442	8.117489	.0358255	1.151122	-.020344
Stddev	.000226	.007135	.051233	.0018425	.003690	.000329
%RSD	22.56150	.6792666	.6311444	5.143058	.3205600	1.615844
#1	-.000831	1.043103	8.058388	.0339507	1.147734	-.019973
#2	-.000913	1.057355	8.144789	.0376339	1.150577	-.020460
#3	-.001256	1.050869	8.149291	.0358918	1.155054	-.020599

Elem	Li6707
Units	ppm
Avg	.1054921
Stddev	.0021477
%RSD	2.035884
#1	.1049017
#2	.1078732
#3	.1037013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2497.940	31292.56	2828.950	2161.910	2616.194
Stddev	4.590	429.08	17.043	36.363	6.906
%RSD	.1837406	1.371198	.6024376	1.681967	.2639829
#1	2493.655	30984.32	2846.334	2133.643	2608.220
#2	2502.784	31110.74	2828.248	2149.156	2620.271
#3	2497.381	31782.61	2812.270	2202.932	2620.091

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

Sample Name: CCV026 Acquired: 12/15/2024 5:11:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.881318**	**5.020177**	**24.52856**	**4.666837**	**4.852584**	**408.1291**	**10.13628**
Stddev	.007272	.015659	.04680	.011625	.006740	1.2208	.02701
%RSD	.1489667	.3119240	.1907909	.2490973	.1388966	.2991238	.2665177
#1	4.872960	5.036323	24.55052	4.655976	4.846783	408.4413	10.15291
#2	4.886196	5.005055	24.47482	4.665435	4.850991	406.7826	10.10511
#3	4.884797	5.019153	24.56033	4.679099	4.859978	409.1636	10.15082

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4997663**	**2.472283**	**410.7170**	**15.30150**	**2.453508**	**15.18785**	**407.0341**
Stddev	.0015773	.004183	1.0099	.12625	.001861	.04175	.8951
%RSD	.3156135	.1692045	.2458838	.8250781	.0758470	.2749155	.2199092
#1	.5009255	2.474193	410.4409	15.44680	2.454450	15.19211	406.2843
#2	.4979701	2.467486	409.8739	15.23913	2.451364	15.14414	406.7928
#3	.5004032	2.475170	411.8362	15.21857	2.454709	15.22732	408.0251

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**14.77780**	**396.9485**	**2.447696**	**1.253106**	**405.3791**	**2.474199**	**14.97409**
Stddev	.03678	.9181	.004036	.007102	1.6501	.015932	.04582
%RSD	.2489094	.2312952	.1649003	.5667764	.4070556	.6439377	.3060073
#1	14.76141	396.4046	2.452164	1.261082	406.4222	2.483431	15.01090
#2	14.75206	396.4323	2.444313	1.247465	403.4766	2.455802	14.98861
#3	14.81993	398.0085	2.446611	1.250771	406.2384	2.483364	14.92277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**148.3582**	**4.931885**	**4.707618**	**4.889513**	**4.869031**	**4.829262**	**5.004672**
Stddev	.4263	.007350	.039418	.014628	.013866	.039537	.002642
%RSD	.2873164	.1490393	.8373195	.2991755	.2847808	.8187044	.0527828
#1	148.6157	4.933130	4.731196	4.891173	4.867596	4.844479	5.005531
#2	147.8661	4.923992	4.662112	4.874125	4.855938	4.784377	5.001708
#3	148.5926	4.938533	4.729545	4.903240	4.883559	4.858930	5.006778

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

Sample Name: CCV026 Acquired: 12/15/2024 5:11:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV026 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	**5.015598**	**4.707881**	**5.114284**
Stddev	.019198	.005110	.019857
%RSD	.3827701	.1085313	.3882686
#1	5.030163	4.707038	5.126685
#2	4.993843	4.703245	5.091381
#3	5.022789	4.713359	5.124785

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1628.311**	**22110.05**	**2132.705**	**1442.593**	**2196.456**
Stddev	6.079	91.54	9.737	3.791	4.451
%RSD	.3733491	.4140336	.4565420	.2627664	.2026298
#1	1627.783	22004.38	2134.874	1438.621	2194.371
#2	1634.637	22160.49	2141.174	1446.171	2201.566
#3	1622.513	22165.28	2122.067	1442.987	2193.430

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

Sample Name: CCB026 Acquired: 12/15/2024 5:19:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB026 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.003109**	**-.004031**	**.0057137**	**.0027303**	**.0002776**	**.0063716**
Stddev	.003461	.000431	.0028826	.0014744	.0034632	.0245474
%RSD	111.3319	10.69286	50.45054	54.00246	1247.701	385.2659
#1	-.005110	-.003546	.0074566	.0018234	.0042653	-.008026
#2	-.005105	-.004370	.0023864	.0019359	-.001458	.034715
#3	.000888	-.004176	.0072980	.0044315	-.001975	-.007574

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.002848**	**-.000017**	**-.000116**	**-.052887**	**.0000630**	**-.000092**
Stddev	.000854	.000069	.000072	.015907	.0007067	.000175
%RSD	29.97152	399.5883	62.41274	30.07702	1121.508	189.9056
#1	-.001871	-.000079	-.000165	-.059654	-.000292	.000107
#2	-.003452	-.000031	-.000150	-.034716	.000877	-.000160
#3	-.003220	.000058	-.000033	-.064292	-.000396	-.000223

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.008844**	**.0378288**	**-.000729**	**-.006978**	**-.001147**	**.0010183**
Stddev	.003028	.0317036	.001432	.014793	.000172	.0008023
%RSD	34.23551	83.80792	196.4624	211.9907	15.00615	78.78090
#1	-.006355	.0637617	.000655	-.021662	-.000952	.0018424
#2	-.012215	.0472395	-.000638	-.007195	-.001211	.0009729
#3	-.007963	.0024854	-.002204	.007922	-.001277	.0002398

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7003307**	**-.000388**	**-.001164**	**-.773155**	**.0001969**	**-.003941**
Stddev	.1816548	.010249	.003318	.203652	.0023930	.001104
%RSD	25.93843	2644.362	284.9874	26.34044	1215.400	28.02794
#1	.9023006	-.011684	.001661	-.545281	-.000422	-.003923
#2	.5503094	.008317	-.000336	-.937385	-.001826	-.002845
#3	.6483820	.002204	-.004819	-.836798	.002839	-.005053

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

Sample Name: CCB026 Acquired: 12/15/2024 5:19:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v19) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB026 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009878	-.013735	-.040974	-.001125	-.002785	-.000169
Stddev	.0000755	.004270	.000784	.001028	.004807	.000230
%RSD	7.638798	31.08725	1.912743	91.41705	172.6259	136.1638
#1	.0009249	-.008822	-.040085	-.002291	-.006063	-.000342
#2	.0009671	-.016550	-.041272	-.000740	.002734	-.000255
#3	.0010715	-.015832	-.041565	-.000345	-.005025	.000092

Elem	Li6707
Units	ppm
Avg	F -.024551
Stddev	.002664
%RSD	10.85170
#1	-.022441
#2	-.027545
#3	-.023667

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2017.143	24808.73	2219.288	1722.064	2775.496
Stddev	6.876	93.32	30.699	6.202	13.585
%RSD	.3408890	.3761496	1.383298	.3601538	.4894490
#1	2016.128	24723.43	2221.882	1717.221	2769.407
#2	2024.470	24794.37	2248.608	1719.916	2791.059
#3	2010.831	24908.40	2187.374	1729.054	2766.020