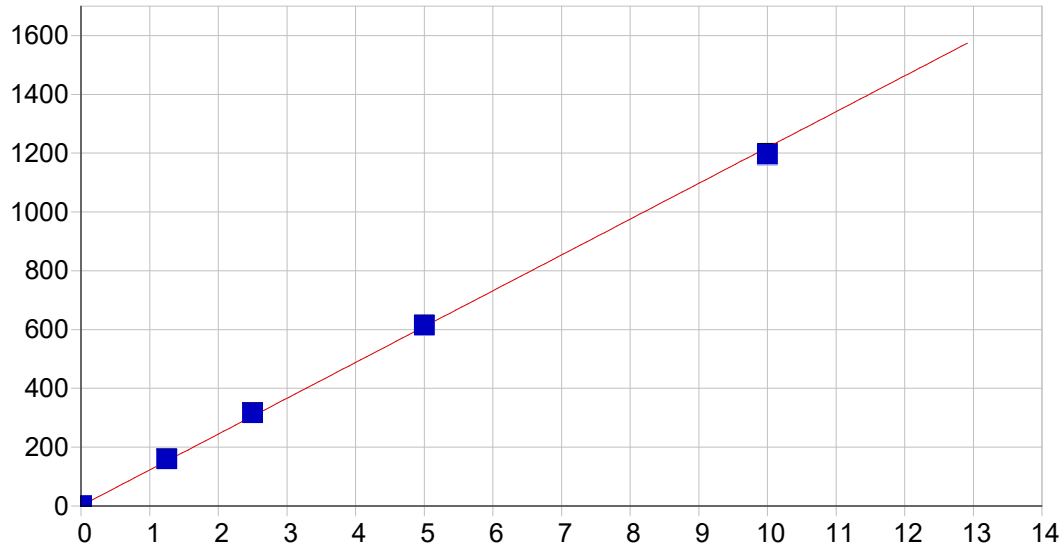
Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



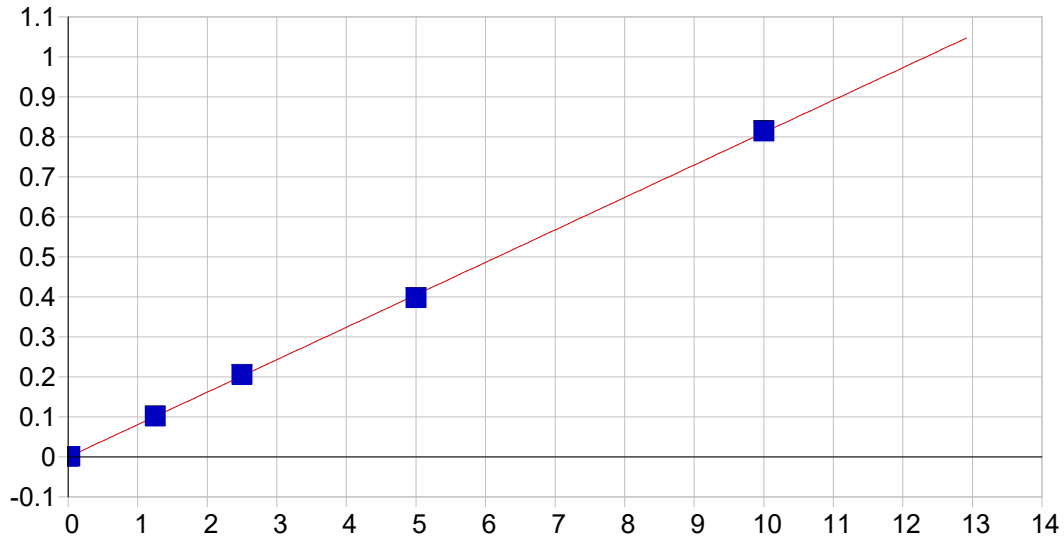
As 189.042 {478}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.707428	Re-Slope:	1.000000
A1 (Gain):	121.845964	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999711	Status:	OK.
Std Error of Est:	0.048899		
Predicted MDL:	0.006339		
Predicted MQL:	0.021131		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.70768	.190	1
S1	.01000	.00719	-.003	-28.1	1.5820	.224	1
S2	1.2500	1.3043	.054	4.34	158.99	.366	1
S3	2.5000	2.5966	.097	3.86	315.81	.865	1
S4	5.0000	5.0403	.040	.807	612.29	.382	1
S5	10.000	9.8116	-.188	-1.88	1191.1	2.71	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



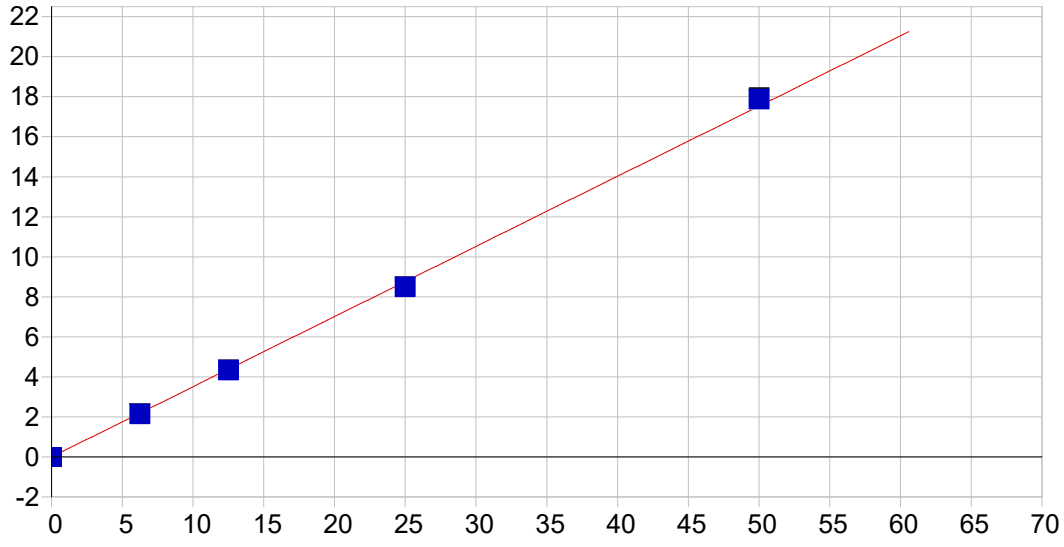
Tl 190.856 {477}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000342	Re-Slope:	1.000000
A1 (Gain):	0.081117	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.003623		
Predicted MQL:	0.012076		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00034	.000	1
S1	.02500	.02736	.002	9.46	.00181	.000	1
S2	1.2500	1.2605	.011	.841	.10164	.000	1
S3	2.5000	2.5389	.039	1.56	.20508	.001	1
S4	5.0000	4.9090	-.091	-1.82	.39682	.001	1
S5	10.000	10.039	.039	.393	.81192	.002	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



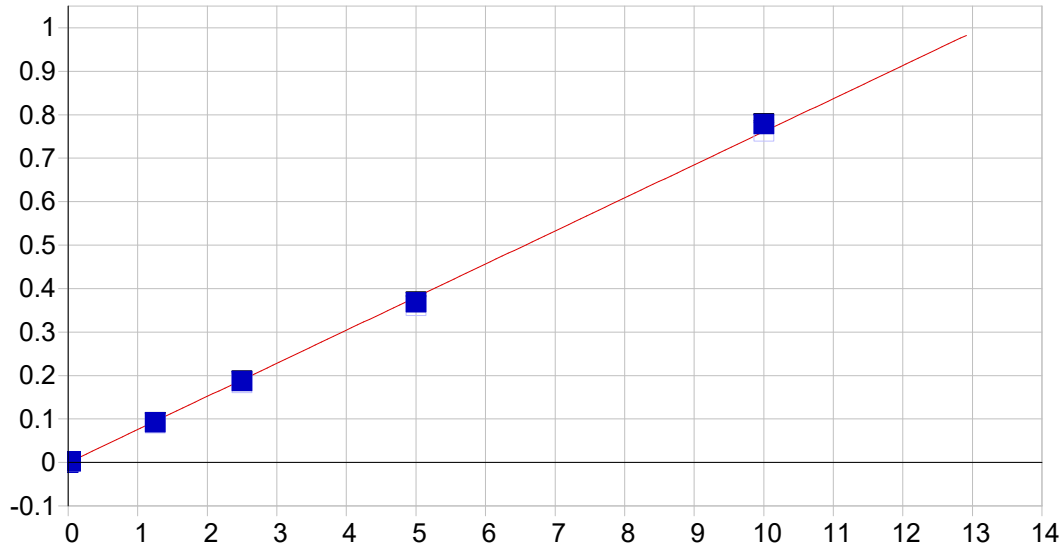
Pb 220.353 {453}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000135	Re-Slope:	1.000000
A1 (Gain):	0.350619	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999747	Status:	OK.
Std Error of Est:	0.000295		
Predicted MDL:	0.002288		
Predicted MQL:	0.007628		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00014	.001	1
S1	.01000	.00842	-.002	-15.8	.00307	.001	1
S2	6.2500	6.1312	-.119	-1.90	2.1475	.003	1
S3	12.500	12.375	-.125	-.997	4.3345	.001	1
S4	25.000	24.238	-.762	-3.05	8.4889	.010	1
S5	50.000	51.007	1.01	2.01	17.865	.055	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



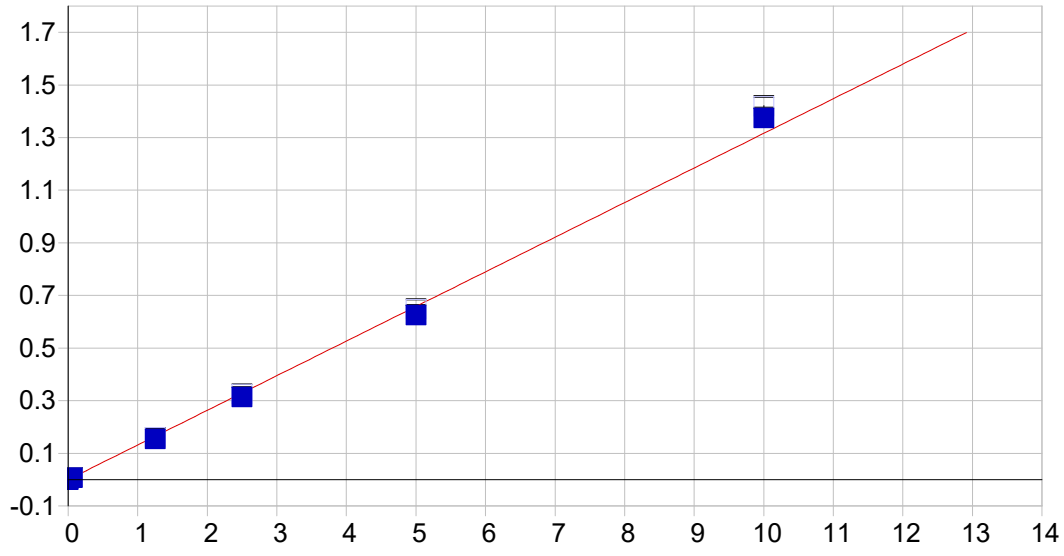
Se 196.090 {472}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000252	Re-Slope:	1.000000
A1 (Gain):	0.076112	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999668	Status:	OK.
Std Error of Est:	0.000060		
Predicted MDL:	0.004410		
Predicted MQL:	0.014700		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00025	.000	1
S1	.03500	.03245	-.003	-7.28	.00221	.000	1
S2	1.2500	1.2142	-.036	-2.86	.09002	.000	1
S3	2.5000	2.4639	-.036	-1.44	.18300	.001	1
S4	5.0000	4.8440	-.156	-3.12	.35987	.001	1
S5	10.000	10.230	.230	2.30	.76128	.002	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



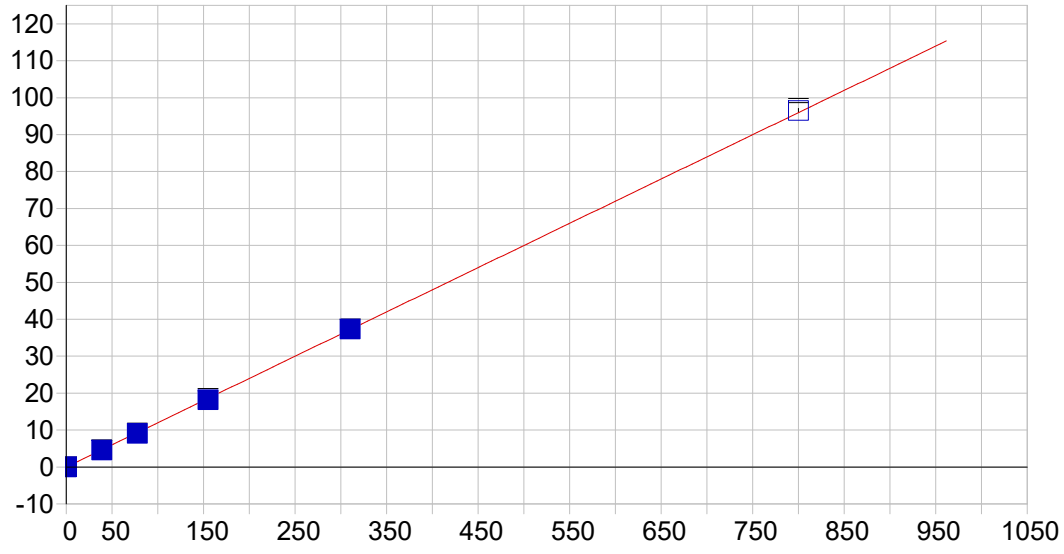
Sb 206.833 {463}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000155	Re-Slope:	1.000000
A1 (Gain):	0.131601	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998944	Status:	OK.
Std Error of Est:	0.000257		
Predicted MDL:	0.003267		
Predicted MQL:	0.010890		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00016	.000	1
S1	.06000	.05665	-.003	-5.58	.00761	.000	1
S2	1.2500	1.1714	-.079	-6.29	.15981	.001	1
S3	2.5000	2.3857	-.114	-4.57	.32512	.001	1
S4	5.0000	4.7515	-.248	-4.97	.64746	.002	1
S5	10.000	10.445	.445	4.45	1.4187	.003	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



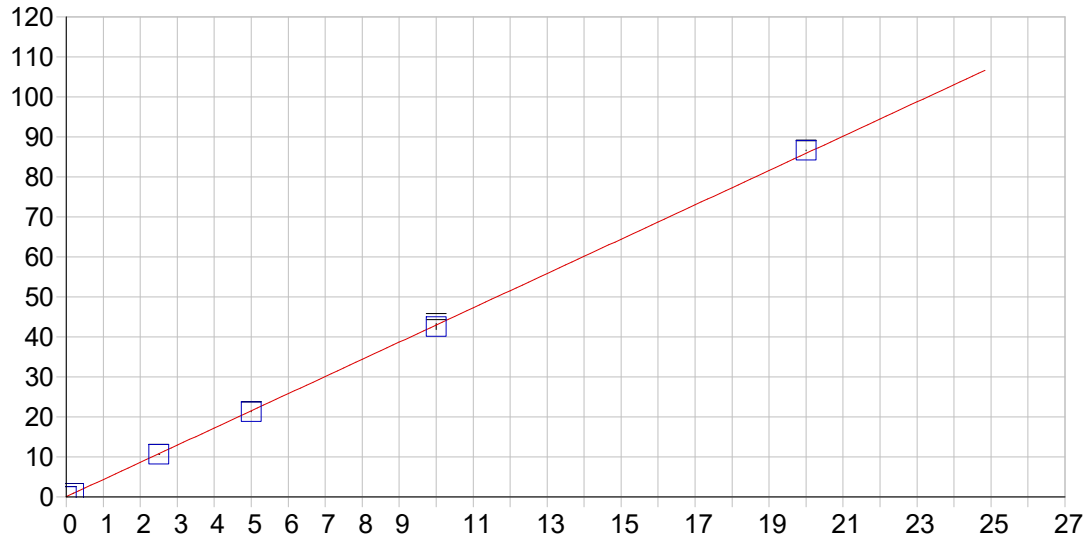
Al 396.152 { 85}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.005186	Re-Slope:	1.000000
A1 (Gain):	0.119963	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999943	Status:	OK.
Std Error of Est:	0.000795		
Predicted MDL:	0.025668		
Predicted MQL:	0.085559		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00519	.002	1
S1	.20000	.22162	.022	10.8	.02144	.003	1
S2	38.750	37.875	-.875	-2.26	4.5435	.006	1
S3	77.500	75.880	-1.62	-2.09	9.1077	.034	1
S4	155.00	151.71	-3.29	-2.13	18.214	.292	1
S5	310.00	311.10	1.10	.356	37.356	.034	1
S6	800.00	804.67	4.67	.583	96.525	.559	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



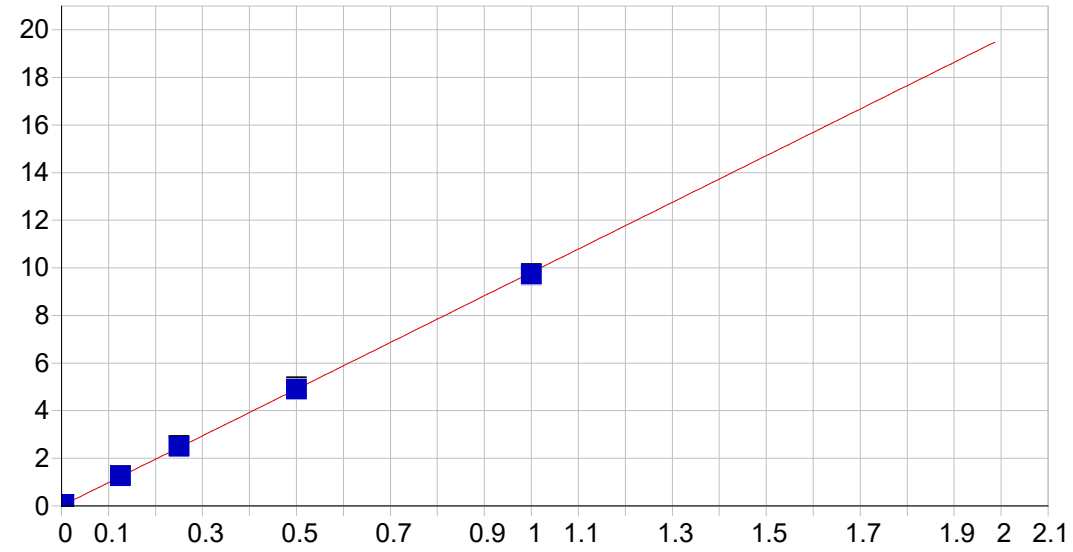
Ba 493.409 { 68}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.059957	Re-Slope:	1.000000
A1 (Gain):	4.291399	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999957	Status:	OK.
Std Error of Est:	0.004244		
Predicted MDL:	0.001517		
Predicted MQL:	0.005057		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.05997	.014	1
S1	.20000	.20102	.001	.512	.92263	.004	1
S2	2.5000	2.4644	-.036	-1.42	10.636	.006	1
S3	5.0000	4.9503	-.050	-.993	21.304	.056	1
S4	10.000	9.9119	-.088	-.881	42.596	.742	1
S5	20.000	20.172	.172	.861	86.627	.094	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



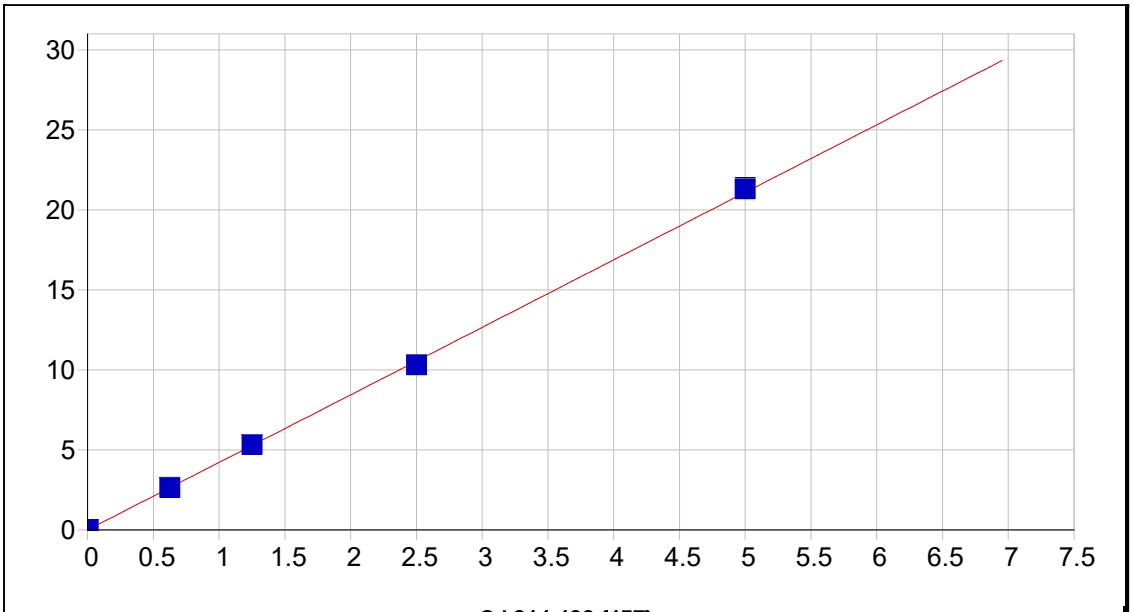
Be 234.861 {144}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001631	Re-Slope:	1.000000
A1 (Gain):	9.807787	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999925	Status:	OK.
Std Error of Est:	0.000450		
Predicted MDL:	0.000131		
Predicted MQL:	0.000437		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00163	.001	1
S1	.00500	.00525	.000	5.07	.05311	.000	1
S2	.12500	.12852	.004	2.82	1.2565	.009	1
S3	.25000	.25497	.005	1.99	2.4911	.031	1
S4	.50000	.49956	-.000	-.088	4.8787	.099	1
S5	1.0000	.99169	-.008	-.831	9.6829	.038	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



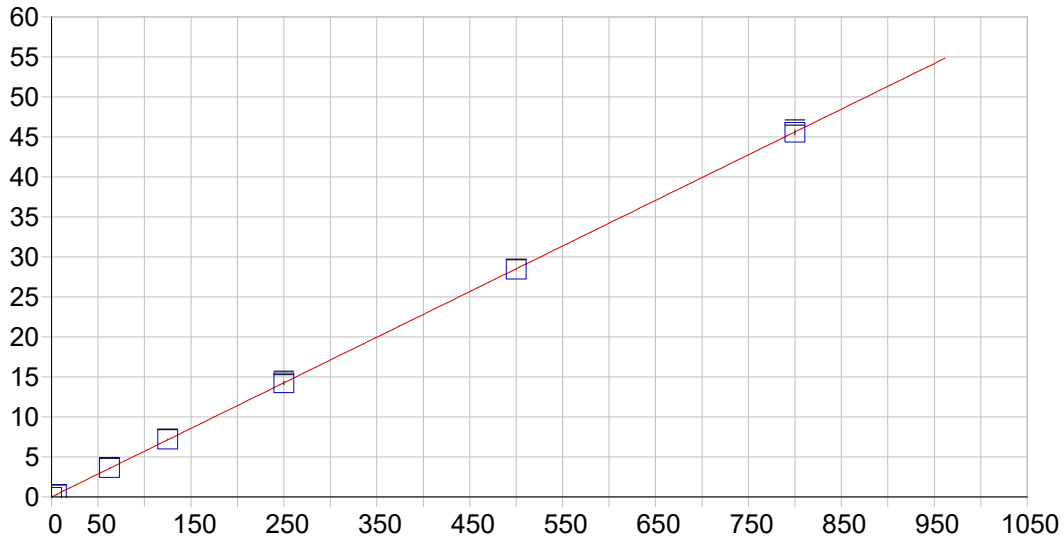
Cd 214.438 {457}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000638	Re-Slope:	1.000000
A1 (Gain):	4.219567	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.000509		
Predicted MDL:	0.000118		
Predicted MQL:	0.000394		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00064	.000	1
S1	.00500	.00496	-.000	-.769	.02165	.001	1
S2	.62500	.62670	.002	.272	2.6491	.006	1
S3	1.2500	1.2615	.011	.919	5.3317	.010	1
S4	2.5000	2.4407	-.059	-2.37	10.316	.011	1
S5	5.0000	5.0461	.046	.923	21.326	.065	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



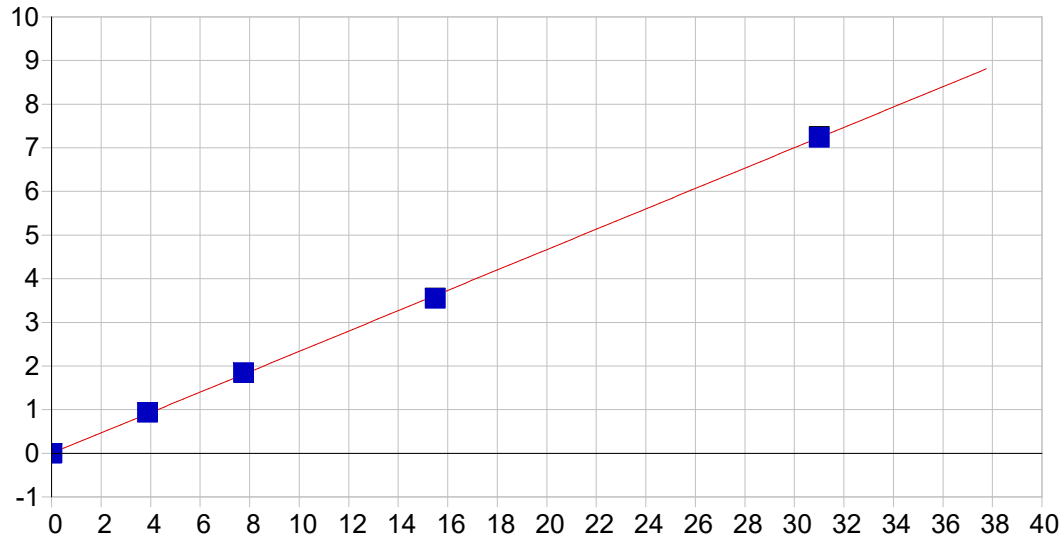
Ca 373.690 { 90}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.008027	Re-Slope:	1.000000
A1 (Gain):	0.057013	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999993	Status:	OK.
Std Error of Est:	0.000759		
Predicted MDL:	0.036050		
Predicted MQL:	0.120167		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00802	.001	1
S1	5.0000	5.0495	.050	.991	.29592	.001	1
S2	62.500	63.377	.877	1.40	3.6213	.010	1
S3	125.00	126.08	1.08	.866	7.1963	.035	1
S4	250.00	249.84	-.159	-.063	14.252	.216	1
S5	500.00	498.92	-1.08	-.216	28.453	.037	1
S6	800.00	799.23	-.769	-.096	45.574	.315	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



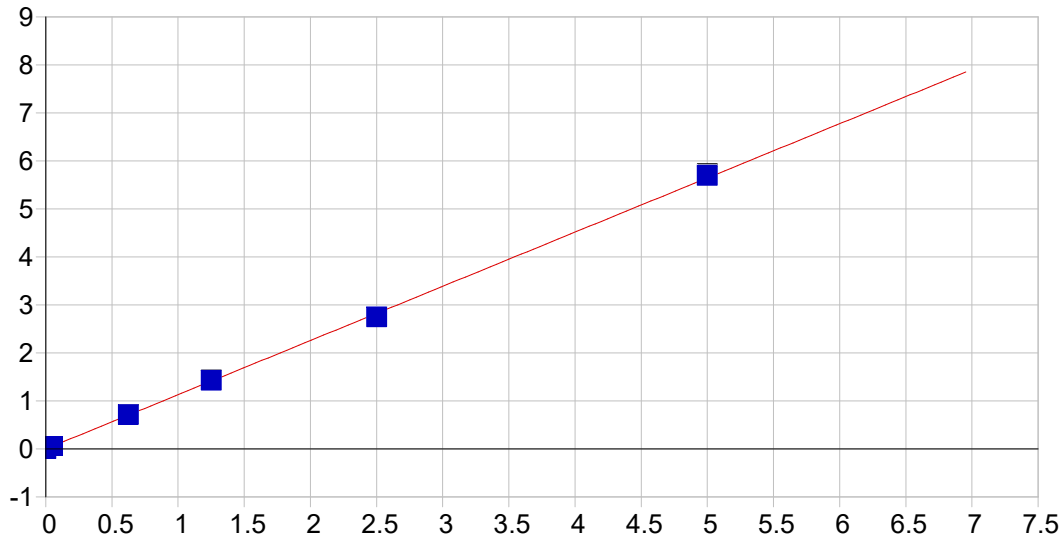
Cr 267.716 {126}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000231	Re-Slope:	1.000000
A1 (Gain):	0.233353	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999881	Status:	OK.
Std Error of Est:	0.000106		
Predicted MDL:	0.000934		
Predicted MQL:	0.003115		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00023	.000	1
S1	.01000	.00956	-.000	-4.40	.00246	.000	1
S2	3.8750	4.0070	.132	3.41	.93598	.002	1
S3	7.7500	7.9207	.171	2.20	1.8499	.002	1
S4	15.500	15.205	-.295	-1.90	3.5511	.005	1
S5	31.000	30.993	-.007	-.023	7.2381	.018	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



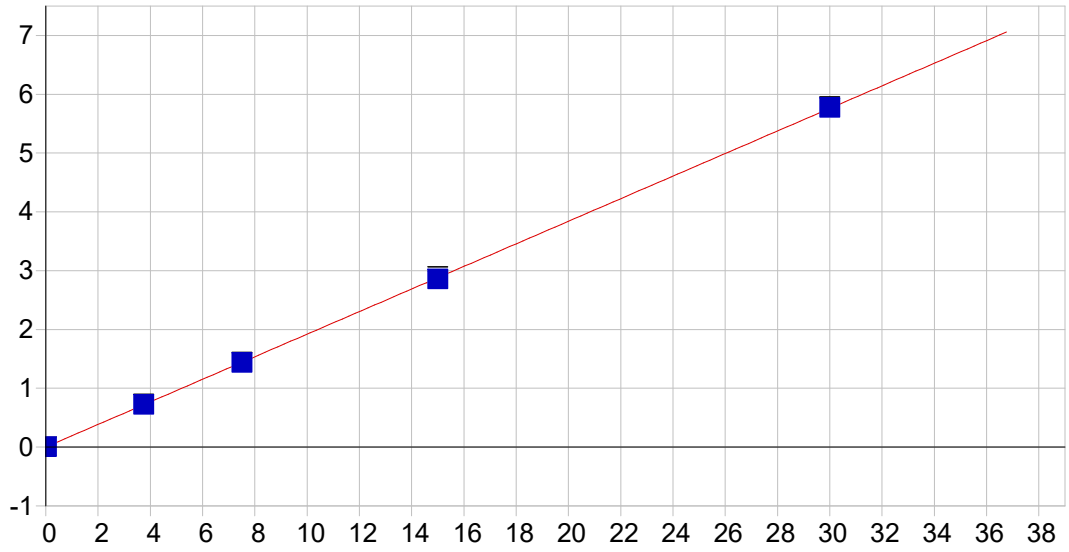
Co 228.616 {448}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000360	Re-Slope:	1.000000
A1 (Gain):	1.129159	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999875	Status:	OK.
Std Error of Est:	0.000476		
Predicted MDL:	0.000483		
Predicted MQL:	0.001611		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00036	.000	1
S1	.05000	.05108	.001	2.15	.05750	.001	1
S2	.62500	.63130	.006	1.01	.71475	.001	1
S3	1.2500	1.2642	.014	1.13	1.4316	.001	1
S4	2.5000	2.4342	-.066	-2.63	2.7573	.005	1
S5	5.0000	5.0443	.044	.886	5.7137	.022	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



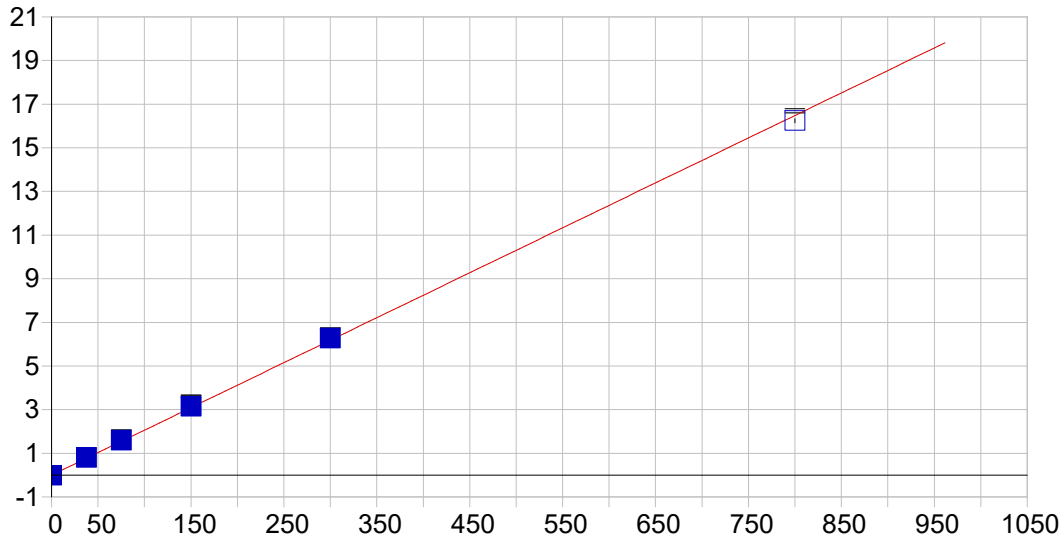
Cu 324.754 {104}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001468	Re-Slope:	1.000000
A1 (Gain):	0.191957	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.008087		
Predicted MQL:	0.026956		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00147	.002	1
S1	.02500	.02886	.004	15.4	.00700	.001	1
S2	3.7500	3.7833	.033	.888	.72761	.004	1
S3	7.5000	7.4874	-.013	-.168	1.4386	.004	1
S4	15.000	14.889	-.111	-.737	2.8593	.036	1
S5	30.000	30.086	.086	.287	5.7760	.012	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



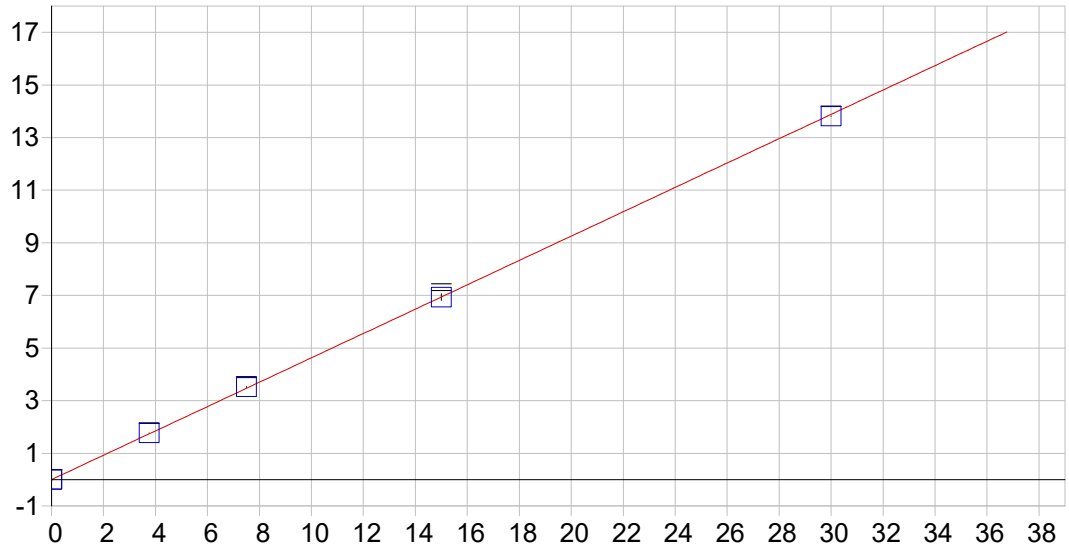
Fe 259.837 {130}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000159	Re-Slope:	1.000000
A1 (Gain):	0.020604	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999837	Status:	OK.
Std Error of Est:	0.000163		
Predicted MDL:	0.036143		
Predicted MQL:	0.120477		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00016	.001	1
S1	.10000	.12137	.021	21.4	.00234	.000	1
S2	37.500	38.887	1.39	3.70	.80125	.003	1
S3	75.000	77.537	2.54	3.38	1.5977	.006	1
S4	150.00	153.06	3.06	2.04	3.1543	.054	1
S5	300.00	304.63	4.63	1.54	6.2779	.012	1
S6	800.00	788.35	-11.6	-1.46	16.243	.095	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



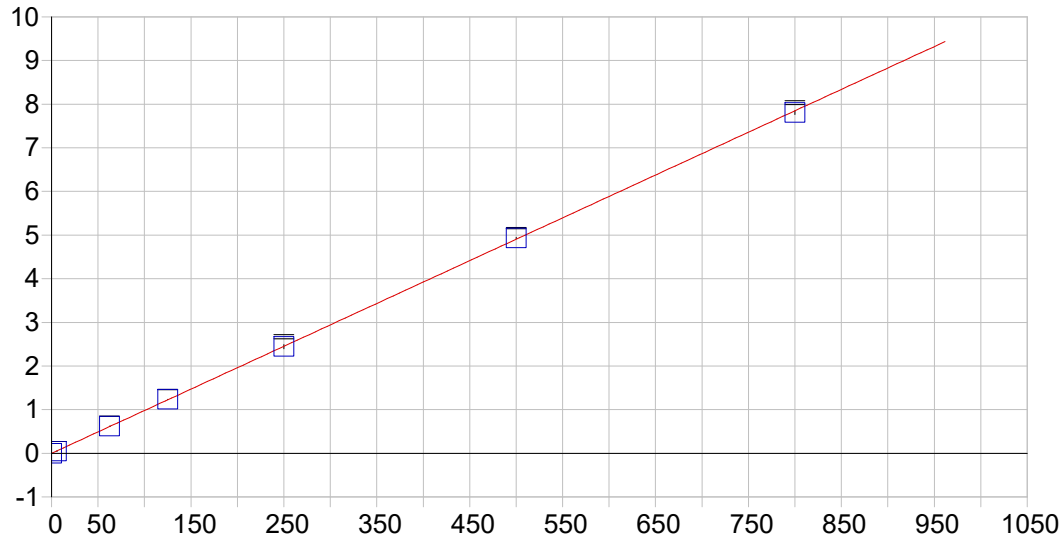
Mn 257.610 {131}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000226	Re-Slope:	1.000000
A1 (Gain):	0.462809	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999966	Status:	OK.
Std Error of Est:	0.000135		
Predicted MDL:	0.001420		
Predicted MQL:	0.004733		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00023	.000	1
S1	.01500	.01673	.002	11.5	.00797	.000	1
S2	3.7500	3.8189	.069	1.84	1.7676	.007	1
S3	7.5000	7.6060	.106	1.41	3.5204	.017	1
S4	15.000	14.980	-.020	-.134	6.9331	.130	1
S5	30.000	29.843	-.157	-.522	13.812	.007	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



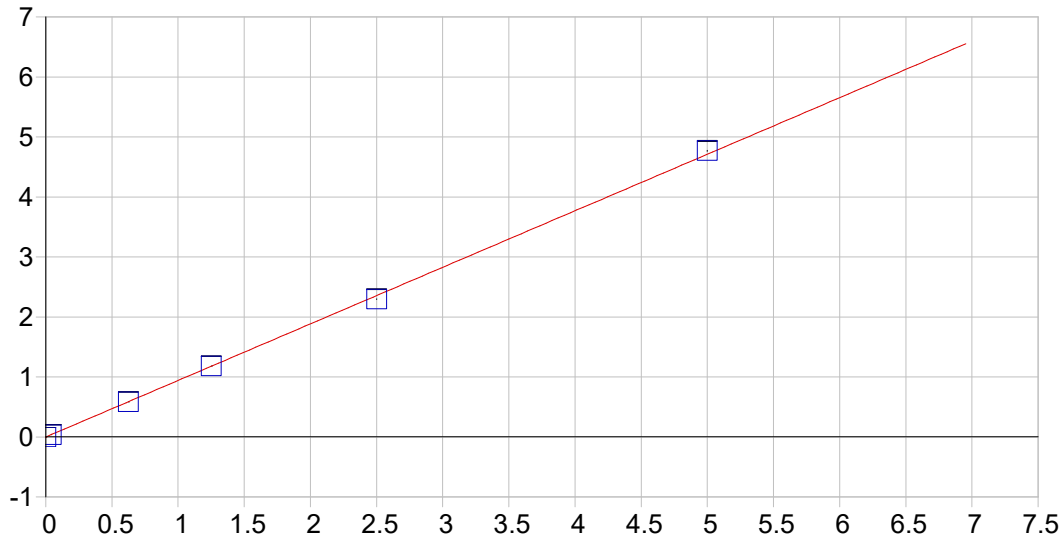
Mg 279.079 {121}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001515	Re-Slope:	1.000000
A1 (Gain):	0.009812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.000210		
Predicted MDL:	0.096315		
Predicted MQL:	0.321051		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00031	-.000	.000	-.00152	.000	1
S1	5.0000	5.2308	.231	4.62	.04981	.001	1
S2	62.500	63.176	.676	1.08	.61839	.001	1
S3	125.00	125.91	.906	.725	1.2339	.006	1
S4	250.00	249.38	-.620	-.248	2.4455	.048	1
S5	500.00	502.99	2.99	.598	4.9340	.014	1
S6	800.00	795.82	-4.18	-.523	7.8074	.041	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



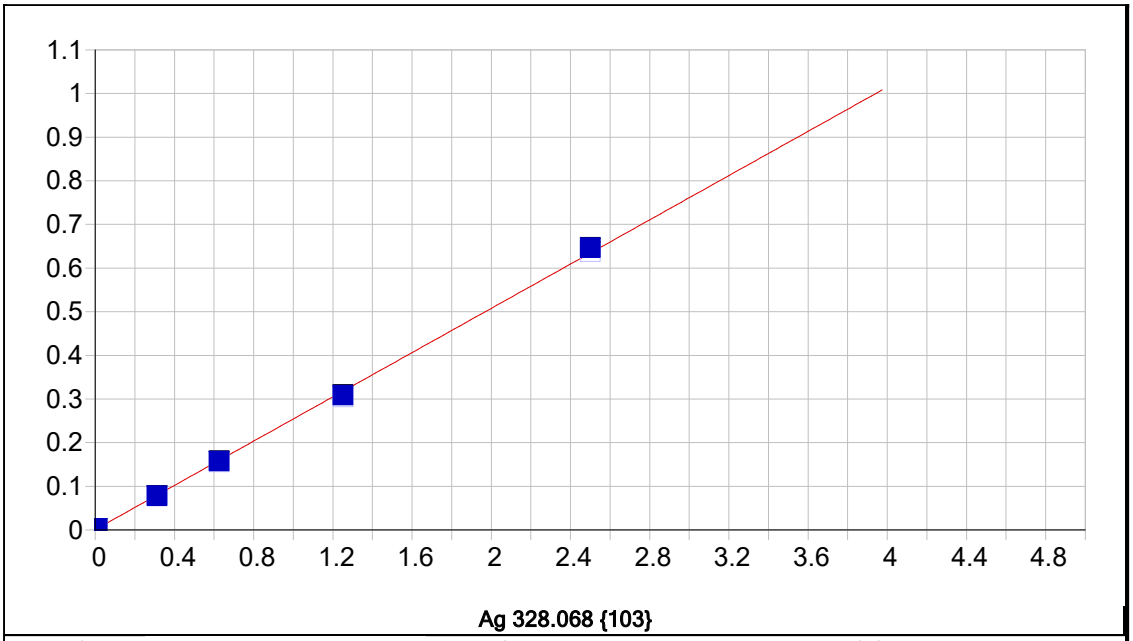
Ni 231.604 {446}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001258	Re-Slope:	1.000000
A1 (Gain):	0.942511	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999874	Status:	OK.
Std Error of Est:	0.000356		
Predicted MDL:	0.000650		
Predicted MQL:	0.002168		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00126	.001	1
S1	.04000	.04094	.001	2.35	.03733	.000	1
S2	.62500	.62074	-.004	-.682	.58379	.000	1
S3	1.2500	1.2550	.005	.404	1.1816	.001	1
S4	2.5000	2.4374	-.063	-2.50	2.2960	.003	1
S5	5.0000	5.0609	.061	1.22	4.7687	.009	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



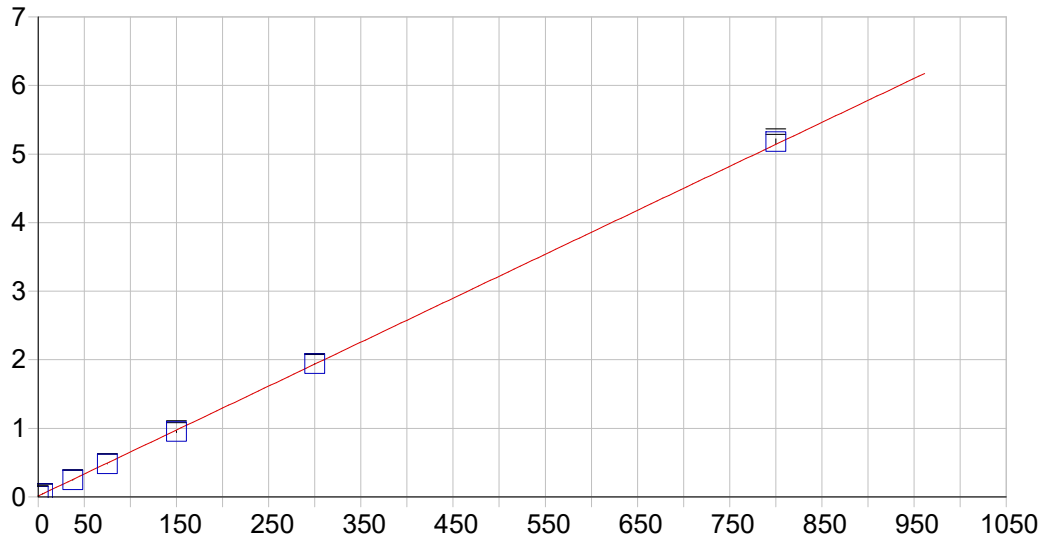
Ag 328.068 {103}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000720	Re-Slope:	1.000000
A1 (Gain):	0.253538	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999779	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001501		
Predicted MQL:	0.005003		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.01000	.00980	-.000	-2.03	.00320	.000	1
S2	.31250	.30606	-.006	-2.06	.07718	.000	1
S3	.62500	.61847	-.007	-1.05	.15524	.001	1
S4	1.2500	1.2160	-.034	-2.72	.30445	.001	1
S5	2.5000	2.5472	.047	1.89	.63740	.001	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



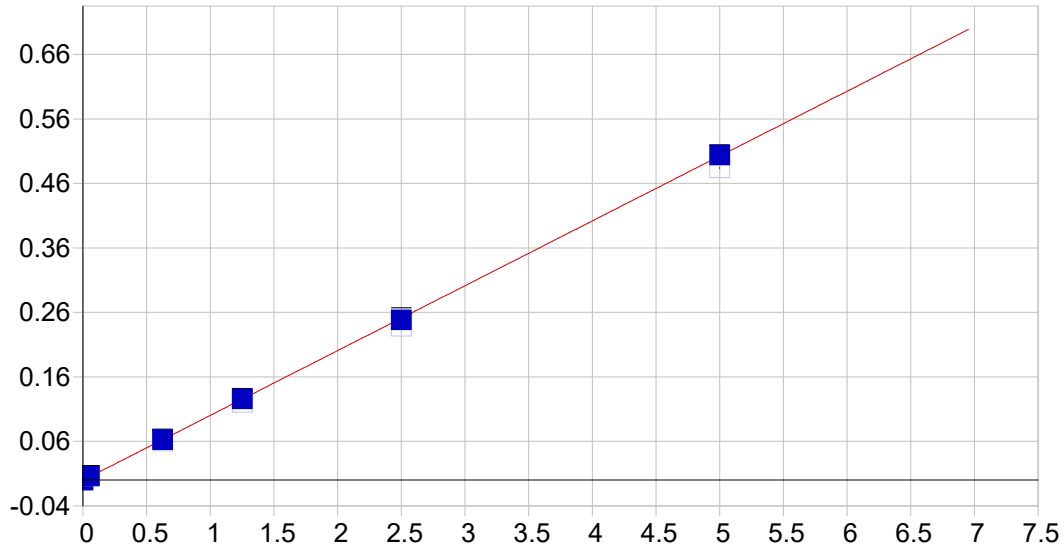
Na 818.326 { 41}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.014106	Re-Slope:	1.000000
A1 (Gain):	0.006408	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.000254		
Predicted MDL:	0.802267		
Predicted MQL:	2.674224		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00037	.000	.000	.01411	.005	1
S1	5.0000	4.9699	-.030	-.602	.04596	.006	1
S2	37.500	36.499	-1.00	-2.67	.24801	.005	1
S3	75.000	73.037	-1.96	-2.62	.48216	.004	1
S4	150.00	146.22	-3.78	-2.52	.95112	.013	1
S5	300.00	300.43	.430	.143	1.9394	.005	1
S6	800.00	806.35	6.35	.793	5.1815	.040	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



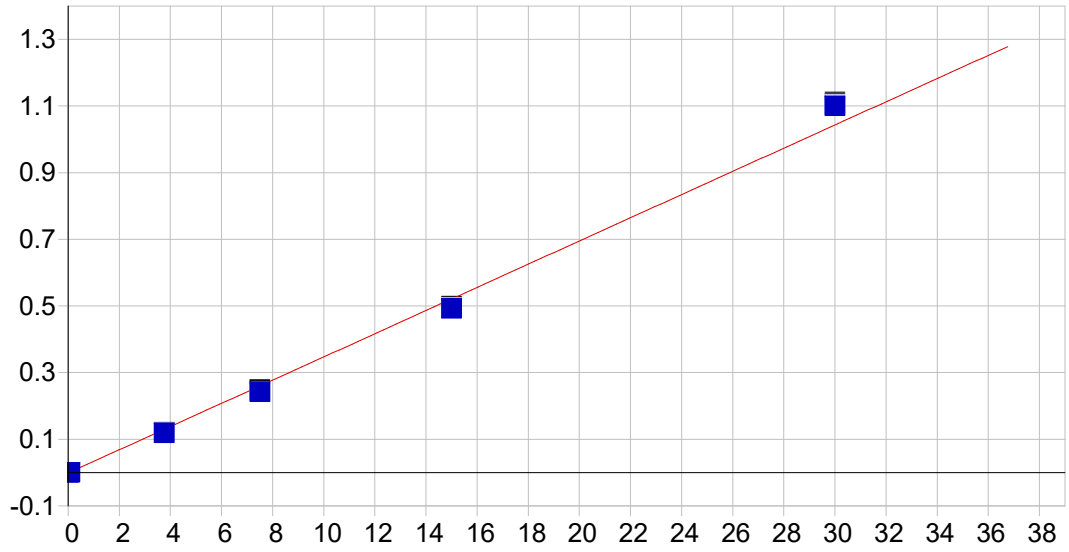
V 292.402 {115}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000210	Re-Slope:	1.000000
A1 (Gain):	0.100527	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999791	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.009268		
Predicted MQL:	0.030895		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00021	.000	1
S1	.05000	.06274	.013	25.5	.00608	.001	1
S2	.62500	.62384	-.001	-.185	.05999	.001	1
S3	1.2500	1.2505	.000	.036	.12046	.001	1
S4	2.5000	2.4716	-.028	-1.14	.23818	.004	1
S5	5.0000	5.0159	.016	.318	.48388	.000	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



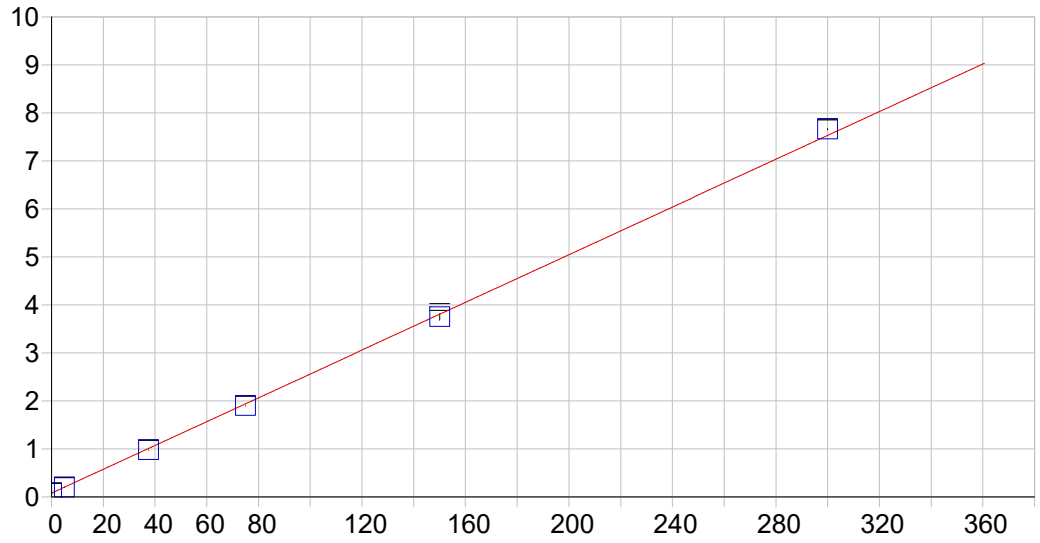
Zn 213.856 {158}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001112	Re-Slope:	1.000000
A1 (Gain):	0.034810	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998287	Status:	OK.
Std Error of Est:	0.000146		
Predicted MDL:	0.012124		
Predicted MQL:	0.040414		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00111	.000	1
S1	.06000	.04210	-.018	-29.8	.00036	.001	1
S2	3.7500	3.4468	-.303	-8.08	.11951	.001	1
S3	7.5000	7.0070	-.493	-6.57	.24408	.004	1
S4	15.000	14.184	-.816	-5.44	.49517	.004	1
S5	30.000	31.630	1.63	5.43	1.1050	.007	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



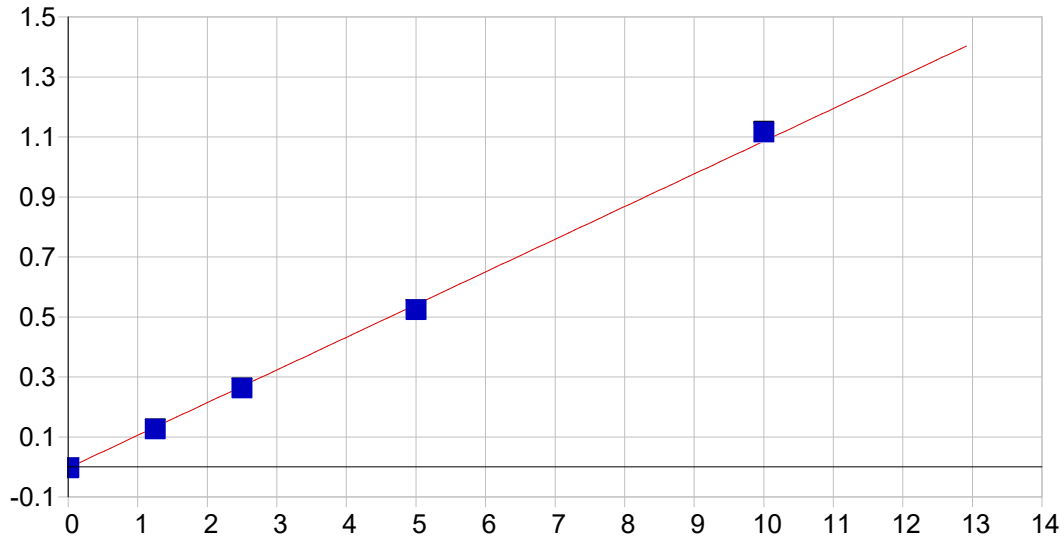
K 769.896 { 44}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.077346	Re-Slope:	1.000000
A1 (Gain):	0.024844	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999813	Status:	OK.
Std Error of Est:	0.000991		
Predicted MDL:	0.162277		
Predicted MQL:	0.540923		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	.07736	.006	1
S1	5.0000	4.8971	-.103	-2.06	.19901	.006	1
S2	37.500	36.211	-1.29	-3.44	.97697	.003	1
S3	75.000	73.238	-1.76	-2.35	1.8969	.006	1
S4	150.00	147.85	-2.15	-1.43	3.7506	.069	1
S5	300.00	305.30	5.30	1.77	7.6624	.013	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



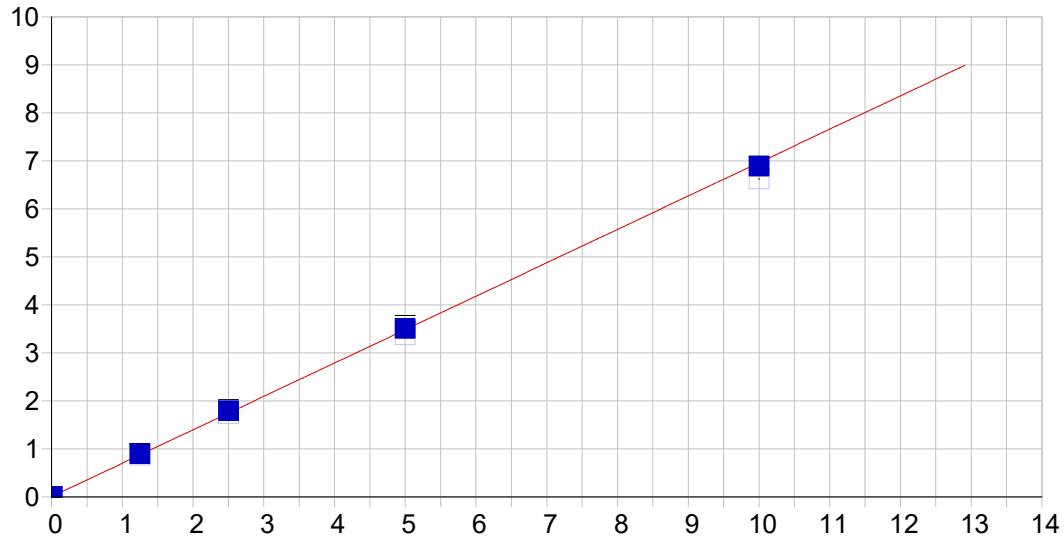
P 177.495 {490}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003606	Re-Slope:	1.000000
A1 (Gain):	0.108914	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999540	Status:	OK.
Std Error of Est:	0.000055		
Predicted MDL:	0.002310		
Predicted MQL:	0.007699		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00361	.000	1
S1	.01000	.00967	-.000	-3.33	-.00255	.000	1
S2	1.2500	1.1873	-.063	-5.01	.12551	.000	1
S3	2.5000	2.4420	-.058	-2.32	.26197	.001	1
S4	5.0000	4.8424	-.158	-3.15	.52301	.001	1
S5	10.000	10.279	.279	2.79	1.1143	.004	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



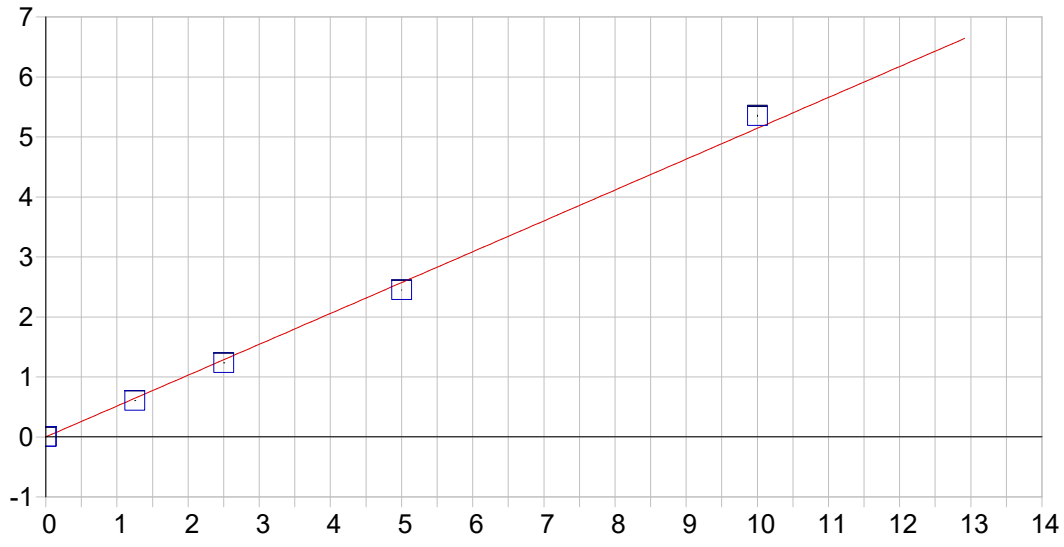
B 249.678 {135}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006362	Re-Slope:	1.000000
A1 (Gain):	0.695827	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999482	Status:	OK.
Std Error of Est:	0.000361		
Predicted MDL:	0.002653		
Predicted MQL:	0.008845		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00637	.002	1
S1	.01000	-.00184	-.012	-118.	.00504	.002	1
S2	1.2500	1.2828	.033	2.63	.86591	.007	1
S3	2.5000	2.5651	.065	2.60	1.7251	.026	1
S4	5.0000	5.0263	.026	.527	3.3715	.068	1
S5	10.000	9.8880	-.112	-1.12	6.6221	.008	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



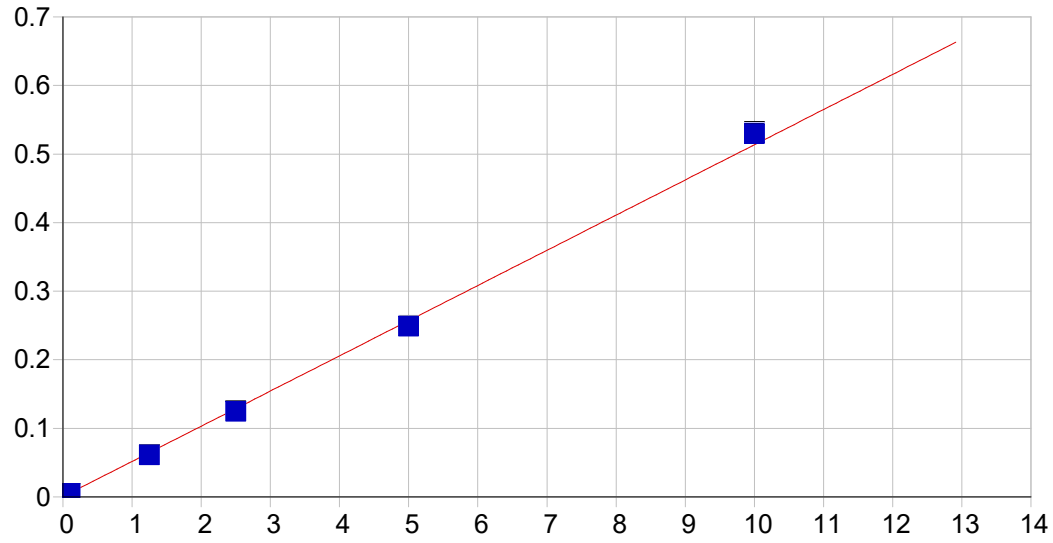
Mo 202.030 {467}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000060	Re-Slope:	1.000000
A1 (Gain):	0.514327	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999031	Status:	OK.
Std Error of Est:	0.000380		
Predicted MDL:	0.000669		
Predicted MQL:	0.002230		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00006	.000	1
S1	.01000	.01089	.001	8.95	.00566	.000	1
S2	1.2500	1.1787	-.071	-5.71	.60628	.000	1
S3	2.5000	2.4008	-.099	-3.97	1.2349	.002	1
S4	5.0000	4.7599	-.240	-4.80	2.4482	.002	1
S5	10.000	10.410	.410	4.10	5.3540	.011	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



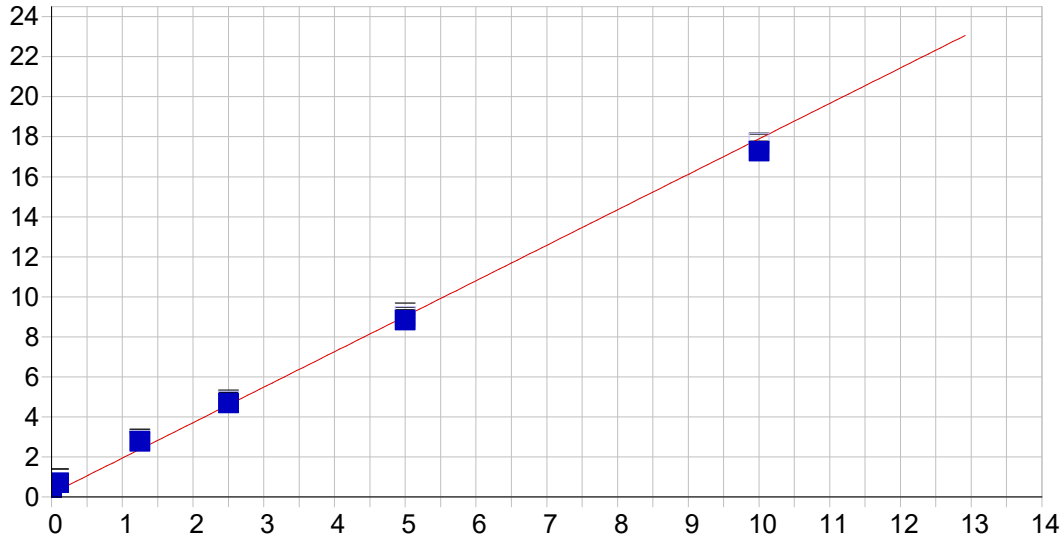
S 182.034 {485}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000493	Re-Slope:	1.000000
A1 (Gain):	0.051305	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999414	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.005236		
Predicted MQL:	0.017452		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00049	.000	1
S1	.10000	.09031	-.010	-9.69	.00513	.000	1
S2	1.2500	1.1800	-.070	-5.60	.06124	.000	1
S3	2.5000	2.4215	-.078	-3.14	.12514	.000	1
S4	5.0000	4.8424	-.158	-3.15	.24976	.000	1
S5	10.000	10.316	.316	3.16	.53139	.001	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



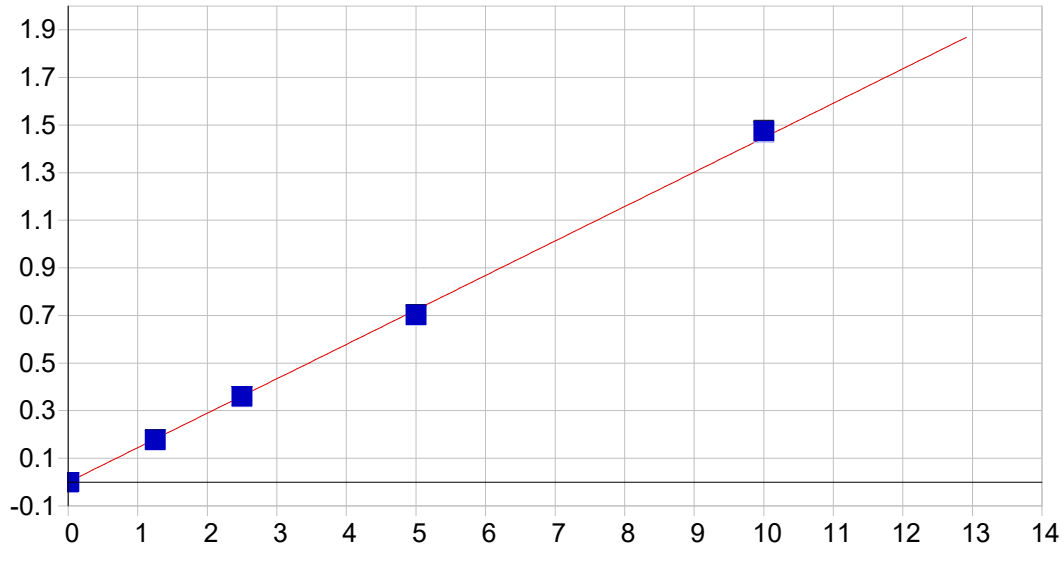
Si 251.611 {134}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.164857	Re-Slope:	1.000000
A1 (Gain):	1.772742	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.988066	Status:	OK.
Std Error of Est:	0.015018		
Predicted MDL:	0.000946		
Predicted MQL:	0.003154		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00022	-.000	.000	.16447	.003	1
S1	.10000	.30592	.206	206.	.70968	.194	1
S2	1.2500	1.4690	.219	17.5	2.8193	.079	1
S3	2.5000	2.5471	.047	1.88	4.7808	.064	1
S4	5.0000	4.8835	-.117	-2.33	9.0232	.167	1
S5	10.000	9.6462	-.354	-3.54	17.668	.027	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



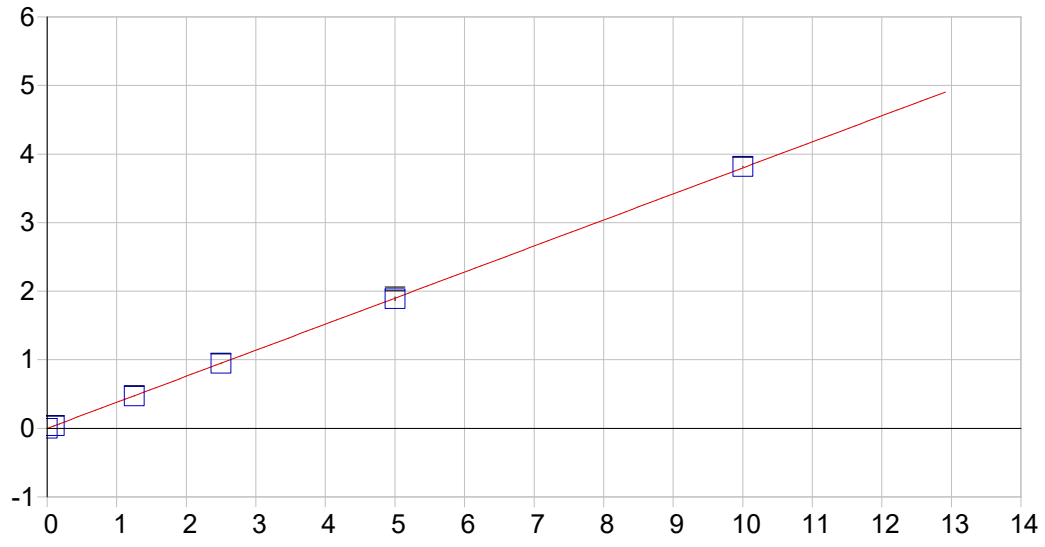
Sn 189.989 {478}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000003	Re-Slope:	1.000000
A1 (Gain):	0.144693	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999769	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.001676		
Predicted MQL:	0.005585		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00000	.000	1
S1	.00700	.00724	.000	3.47	.00101	.000	1
S2	1.2500	1.2245	-.025	-2.04	.17628	.001	1
S3	2.5000	2.4849	-.015	-.603	.35774	.000	1
S4	5.0000	4.8517	-.148	-2.97	.69839	.002	1
S5	10.000	10.189	.189	1.89	1.4670	.004	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



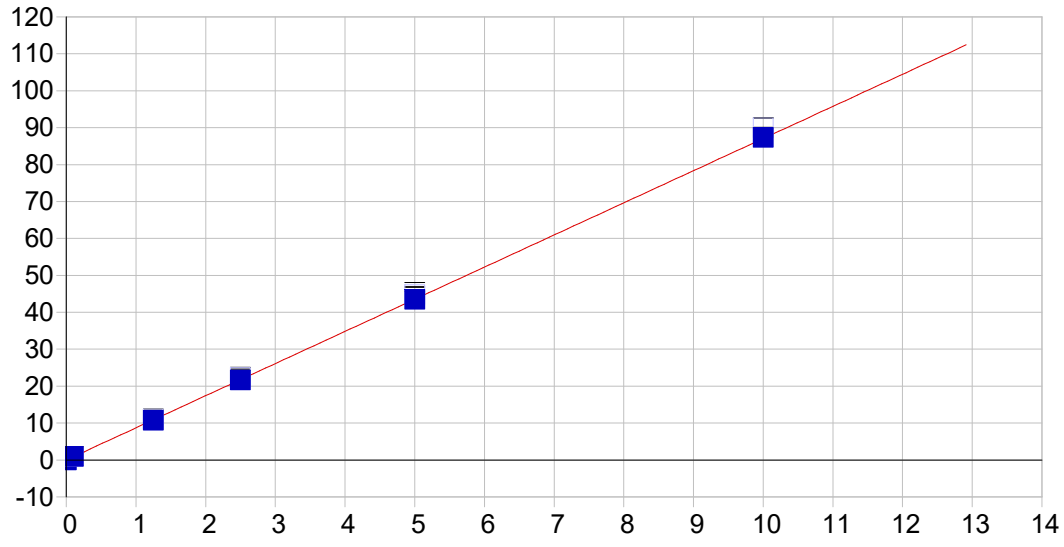
Ti 336.121 {100}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000042	Re-Slope:	1.000000
A1 (Gain):	0.379794	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000094		
Predicted MDL:	0.003669		
Predicted MQL:	0.012231		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00004	.002	1
S1	.10000	.09999	-.000	-.014	.03793	.001	1
S2	1.2500	1.2434	-.007	-.525	.47221	.002	1
S3	2.5000	2.4877	-.012	-.491	.94479	.005	1
S4	5.0000	4.9754	-.025	-.493	1.8896	.027	1
S5	10.000	10.043	.043	.435	3.8144	.005	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



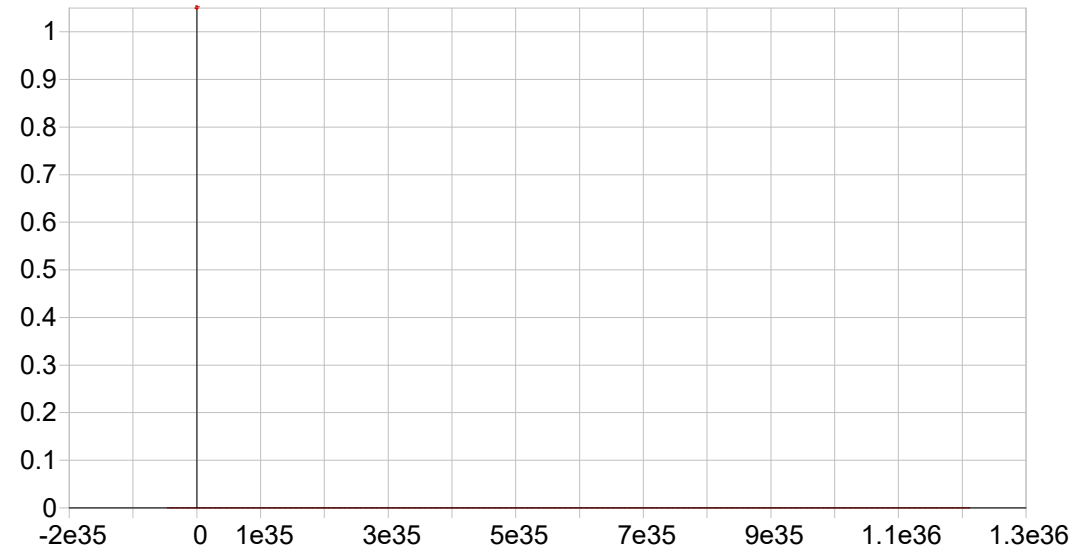
Sr 407.771 { 83}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003722	Re-Slope:	1.000000
A1 (Gain):	8.705836	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.002466		
Predicted MDL:	0.000269		
Predicted MQL:	0.000897		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00374	.001	1
S1	.10000	.10403	.004	4.03	.90284	.007	1
S2	1.2500	1.2331	-.017	-1.35	11.058	.041	1
S3	2.5000	2.4871	-.013	-.515	22.302	.084	1
S4	5.0000	4.9982	-.002	-.036	44.815	.548	1
S5	10.000	10.028	.028	.277	89.908	.078	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

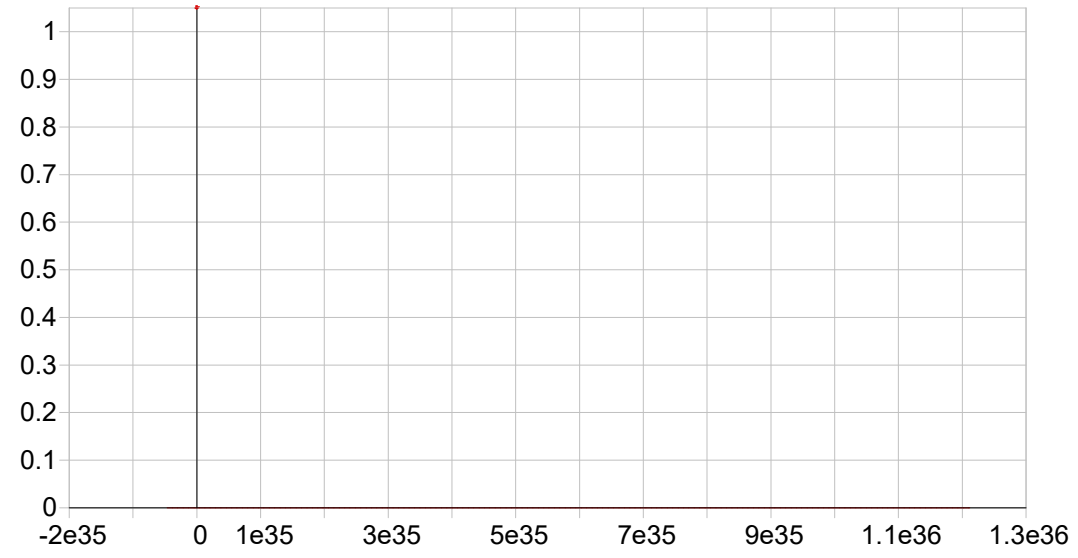


Y 224.306 {450}*

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

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

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



Y 360.073 { 94}*

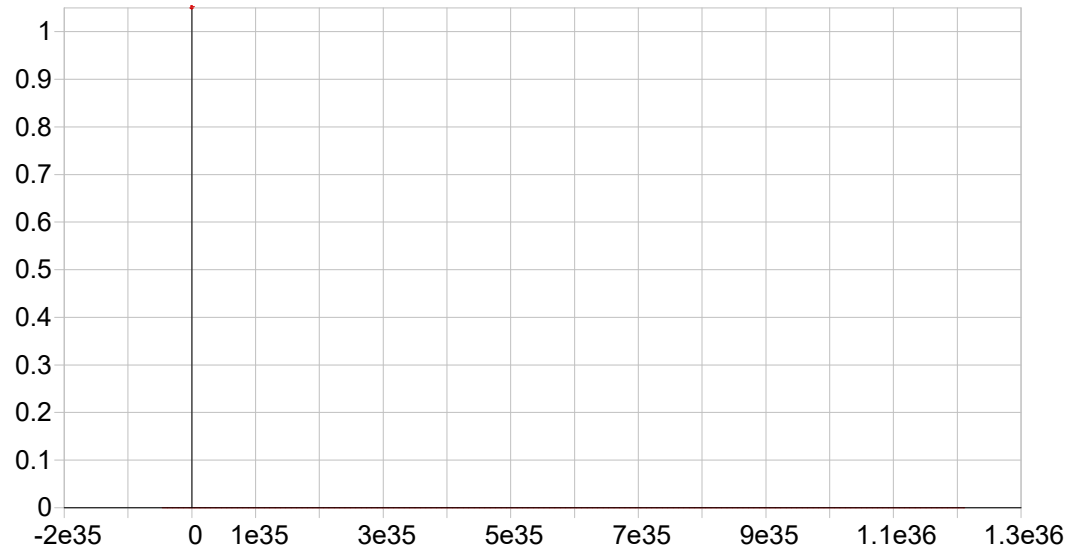
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

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

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



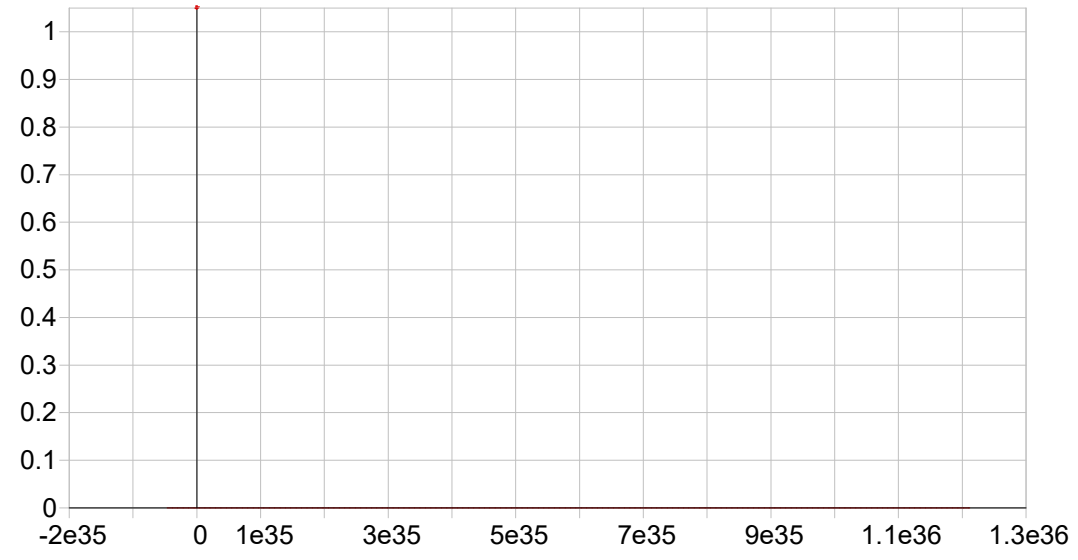
Y 371.030 { 91}*

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

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

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

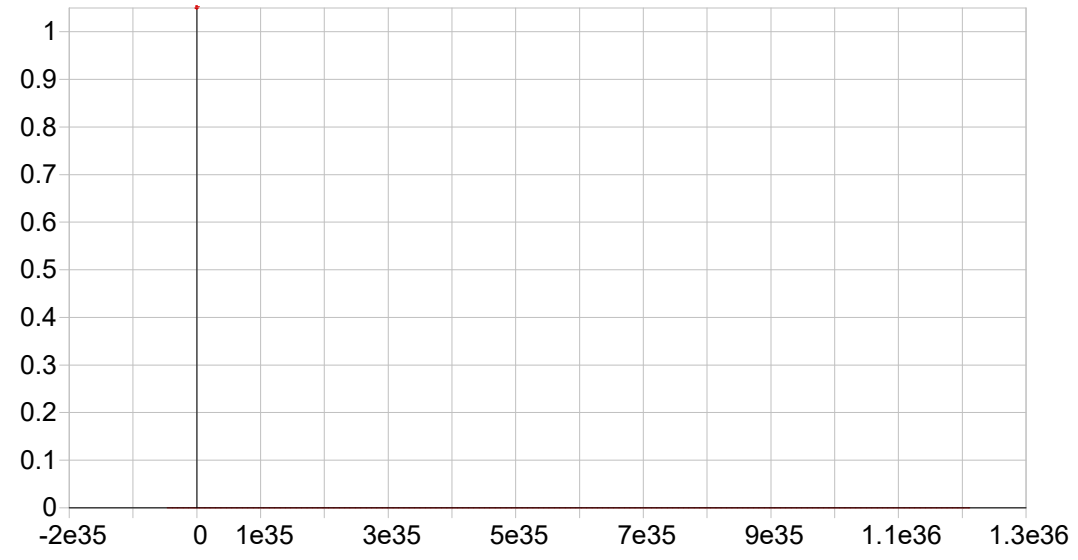
Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5



Y 224.306 {150}*

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

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



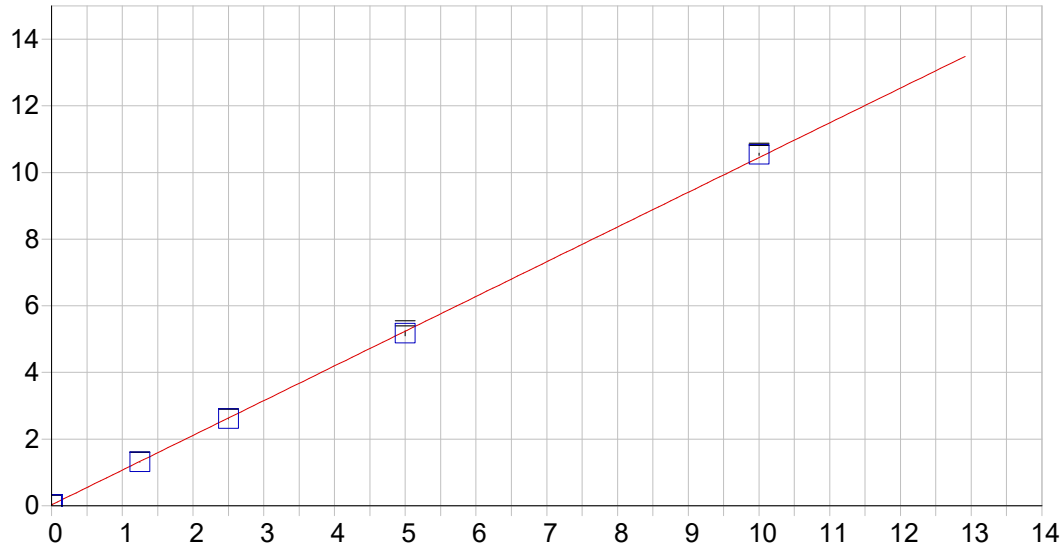
In 230.606 {446}*

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

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

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

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



Li 670.784 { 50}

Date of Fit:	12/23/2024 13:53:26	Type of Fit:	Linear	Weighting:	1/Conc
A0 (Offset):	0.027254		Re-Slope:	1.000000	
A1 (Gain):	1.042196		Y-int:	0.000000	
A2 (Curvature):	0.000000				
n (Exponent):	1.000000				
Correlation:	0.999943	Status:	OK.		
Std Error of Est:	0.000229				
Predicted MDL:	0.004384				
Predicted MQL:	0.014613				

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02725	.004	1
S5	10.000	10.094	.094	.942	10.547	.033	1
S4	5.0000	4.9437	-.056	-1.13	5.1796	.078	1
S3	2.5000	2.4767	-.023	-.933	2.6084	.006	1
S2	1.2500	1.2337	-.016	-1.31	1.3130	.004	1
S1	.01500	.01673	.002	11.5	.04469	.003	1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/23/2024 13:14:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	.70768	-.00034	.00014	-.00025	.00016	-.00519	.05997	.00163
Stddev	.19001	.00029	.00063	.00019	.00032	.00177	.01352	.00112
%RSD	26.850	85.141	461.10	75.935	206.33	34.166	22.540	68.875
#1	.51993	-.00006	.00022	-.00026	-.00005	-.00562	.07097	.00166
#2	.89988	-.00032	.00071	-.00044	-.00001	-.00670	.06407	.00273
#3	.70324	-.00064	-.00053	-.00006	.00053	-.00324	.04488	.00049

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	.00802	.00023	-.00036	.00147	-.00016	.00023	-.00152
Stddev	.00024	.00084	.00028	.00028	.00189	.00079	.00028	.00026
%RSD	38.236	10.441	123.12	76.052	128.86	493.88	123.53	17.300
#1	.00090	.00830	.00023	-.00005	.00210	-.00031	.00051	-.00131
#2	.00041	.00868	.00052	-.00058	.00296	.00070	-.00004	-.00181
#3	.00060	.00708	-.00005	-.00046	-.00066	-.00086	.00020	-.00143

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	-.00126	.00072	.01411	-.00021	-.00111	.07736	-.00361	.00637
Stddev	.00050	.00020	.00454	.00007	.00006	.00617	.00015	.00178
%RSD	39.834	27.169	32.194	35.390	5.0425	7.9755	4.0572	27.994
#1	-.00154	.00077	.00963	-.00030	-.00106	.07547	-.00344	.00445
#2	-.00155	.00050	.01871	-.00016	-.00117	.08425	-.00372	.00798
#3	-.00068	.00088	.01398	-.00018	-.00110	.07235	-.00366	.00667

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	.00006	.00049	.16447	.00000	-.00004	-.00374	.02725
Stddev	.00037	.00023	.00263	.00007	.00161	.00108	.00374
%RSD	615.56	46.421	1.6015	2062.3	3848.8	28.978	13.718
#1	.00018	.00036	.16470	.00003	.00039	-.00392	.02999
#2	-.00035	.00036	.16698	.00005	-.00183	-.00473	.02877
#3	.00035	.00076	.16172	-.00007	.00132	-.00258	.02299

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/23/2024 13:14:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1973.1	25641.	2057.2	1695.9	1769.4
Stddev	1.7	420.	40.0	24.4	3.3
%RSD	.08470	1.6362	1.9451	1.4406	.18520
#1	1975.0	26075.	2073.7	1722.2	1765.6
#2	1971.9	25238.	2011.6	1673.9	1770.9
#3	1972.4	25610.	2086.4	1691.6	1771.5

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/23/2024 13:18:52 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1.5820	.00181	.00307	.00221	.00761	.02144	.92263	.05311
Stddev	.2244	.00010	.00075	.00040	.00007	.00265	.00446	.00047
%RSD	14.186	5.7191	24.336	17.979	.89782	12.346	.48377	.88778
#1	1.7598	.00187	.00292	.00242	.00767	.01903	.92440	.05341
#2	1.3298	.00186	.00241	.00175	.00754	.02102	.92593	.05257
#3	1.6564	.00169	.00388	.00247	.00763	.02427	.91755	.05336

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	.02165	.29592	.00246	.05750	.00700	.00234	.00797	.04981
Stddev	.00054	.00136	.00020	.00103	.00109	.00031	.00021	.00107
%RSD	2.5035	.46022	8.0777	1.7839	15.619	13.229	2.6040	2.1558
#1	.02150	.29526	.00248	.05837	.00814	.00206	.00796	.04947
#2	.02226	.29500	.00226	.05637	.00689	.00267	.00776	.04895
#3	.02120	.29748	.00265	.05775	.00596	.00229	.00818	.05102

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	.03733	.00320	.04596	.00608	.00036	.19901	-.00255	.00504
Stddev	.00019	.00026	.00557	.00102	.00052	.00569	.00008	.00183
%RSD	.51293	8.1318	12.125	16.756	144.49	2.8571	3.3172	36.217
#1	.03746	.00319	.05238	.00720	.00096	.20551	-.00261	.00655
#2	.03711	.00295	.04250	.00584	.00004	.19658	-.00245	.00301
#3	.03742	.00347	.04298	.00521	.00008	.19494	-.00258	.00557

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	.00566	.00513	.70968	.00101	.03793	.90284	.04469
Stddev	.00021	.00028	.19423	.00024	.00099	.00737	.00271
%RSD	3.7365	5.3727	27.368	24.063	2.6216	.81599	6.0705
#1	.00560	.00504	.60388	.00128	.03685	.91134	.04759
#2	.00549	.00490	.59133	.00094	.03815	.89870	.04221
#3	.00590	.00543	.93384	.00081	.03880	.89847	.04427

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/23/2024 13:18:52 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1994.3	25796.	2073.0	1701.0	1804.2
Stddev	2.3	141.	21.0	7.1	2.0
%RSD	.11614	.54656	1.0121	.41528	.11158
#1	1995.1	25948.	2048.8	1708.7	1804.7
#2	1991.7	25670.	2084.1	1699.3	1802.0
#3	1996.2	25769.	2086.1	1694.9	1805.9

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/23/2024 13:23:00 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	158.99	.10164	2.1475	.09002	.15981	4.5435	10.636	1.2565
Stddev	.37	.00032	.0028	.00028	.00055	.0064	.006	.0086
%RSD	.23046	.31539	.13124	.31178	.34300	.14045	.05518	.68764
#1	159.39	.10128	2.1460	.09034	.15920	4.5442	10.630	1.2579
#2	158.69	.10180	2.1456	.08981	.15996	4.5495	10.641	1.2644
#3	158.87	.10186	2.1507	.08992	.16027	4.5368	10.637	1.2473

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	2.6491	3.6213	.93598	.71475	.72761	.80125	1.7676	.61839
Stddev	.0060	.0103	.00165	.00127	.00378	.00255	.0074	.00058
%RSD	.22472	.28298	.17587	.17787	.51977	.31801	.42008	.09348
#1	2.6492	3.6234	.93787	.71414	.72559	.80337	1.7630	.61772
#2	2.6431	3.6304	.93488	.71389	.73198	.80196	1.7762	.61871
#3	2.6550	3.6102	.93518	.71621	.72528	.79842	1.7638	.61874

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	.58379	.07718	.24801	.05999	.11951	.97697	.12551	.86591
Stddev	.00038	.00010	.00538	.00099	.00132	.00265	.00040	.00654
%RSD	.06489	.13203	2.1677	1.6422	1.1022	.27128	.32171	.75540
#1	.58423	.07715	.24468	.05951	.11938	.97990	.12510	.86834
#2	.58359	.07709	.24514	.06112	.11826	.97628	.12552	.87090
#3	.58356	.07729	.25421	.05933	.12089	.97473	.12591	.85851

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	.60628	.06124	2.8193	.17628	.47221	11.058	1.3130
Stddev	.00011	.00028	.0787	.00067	.00222	.041	.0042
%RSD	.01876	.45521	2.7902	.38221	.47057	.36902	.32260
#1	.60640	.06154	2.8989	.17665	.47041	11.026	1.3090
#2	.60625	.06100	2.8175	.17550	.47469	11.104	1.3175
#3	.60618	.06118	2.7416	.17669	.47153	11.043	1.3125

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/23/2024 13:23:00 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1942.5	25366.	2090.0	1658.5	1702.8
Stddev	.6	94.	8.9	15.3	3.3
%RSD	.03338	.37229	.42678	.92523	.19305
#1	1943.2	25320.	2083.9	1654.1	1704.0
#2	1941.9	25474.	2085.8	1675.5	1705.4
#3	1942.3	25302.	2100.2	1645.8	1699.1

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/23/2024 13:26:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	315.81	.20508	4.3345	.18300	.32512	9.1077	21.304	2.4911
Stddev	.86	.00088	.0013	.00053	.00089	.0345	.056	.0315
%RSD	.27376	.42785	.03034	.29159	.27326	.37839	.26325	1.2643
#1	315.23	.20471	4.3330	.18273	.32492	9.1275	21.345	2.5272
#2	315.40	.20445	4.3348	.18265	.32434	9.0679	21.240	2.4693
#3	316.81	.20609	4.3356	.18361	.32609	9.1278	21.326	2.4768

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	5.3317	7.1963	1.8499	1.4316	1.4386	1.5977	3.5204	1.2339
Stddev	.0104	.0349	.0019	.0014	.0044	.0062	.0166	.0055
%RSD	.19541	.48478	.10272	.09480	.30774	.38553	.47243	.44765
#1	5.3229	7.2193	1.8509	1.4321	1.4435	1.5997	3.5281	1.2368
#2	5.3289	7.1562	1.8512	1.4301	1.4351	1.5909	3.5013	1.2276
#3	5.3432	7.2136	1.8478	1.4327	1.4371	1.6027	3.5317	1.2374

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	1.1816	.15524	.48216	.12046	.24408	1.8969	.26197	1.7251
Stddev	.0013	.00061	.00355	.00127	.00407	.0060	.00065	.0261
%RSD	.11356	.39321	.73629	1.0509	1.6686	.31505	.24916	1.5135
#1	1.1801	.15491	.48506	.12178	.23946	1.8999	.26121	1.7552
#2	1.1820	.15595	.48322	.12033	.24715	1.8900	.26231	1.7099
#3	1.1827	.15487	.47820	.11926	.24562	1.9008	.26238	1.7101

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	1.2349	.12514	4.7808	.35774	.94479	22.302	2.6084
Stddev	.0022	.00018	.0638	.00041	.00514	.084	.0062
%RSD	.17641	.14180	1.3340	.11411	.54430	.37712	.23831
#1	1.2332	.12522	4.8544	.35786	.95057	22.390	2.6122
#2	1.2340	.12494	4.7431	.35729	.94305	22.222	2.6013
#3	1.2373	.12526	4.7449	.35808	.94074	22.293	2.6118

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/23/2024 13:26:51 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1892.2	25131.	2092.8	1617.5	1650.8
Stddev	1.4	133.	15.7	10.9	1.0
%RSD	.07322	.53051	.74986	.67645	.05805
#1	1893.8	25257.	2074.7	1630.0	1650.1
#2	1891.1	24991.	2101.3	1610.1	1650.5
#3	1891.9	25146.	2102.4	1612.2	1651.9

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/23/2024 13:30:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	612.29	.39682	8.4889	.35987	.64746	18.214	42.596	4.8787
Stddev	.38	.00066	.0103	.00104	.00151	.292	.742	.0992
%RSD	.06242	.16642	.12111	.28870	.23301	1.6027	1.7413	2.0330
#1	612.51	.39738	8.4947	.36104	.64597	18.417	43.137	4.9660
#2	611.85	.39698	8.4771	.35904	.64741	18.345	42.901	4.8993
#3	612.52	.39609	8.4950	.35955	.64899	17.880	41.751	4.7709

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	10.316	14.252	3.5511	2.7573	2.8593	3.1543	6.9331	2.4455
Stddev	.011	.216	.0051	.0055	.0360	.0544	.1298	.0475
%RSD	.10672	1.5159	.14407	.19861	1.2607	1.7237	1.8714	1.9425
#1	10.327	14.403	3.5483	2.7636	2.8801	3.1929	7.0322	2.4782
#2	10.305	14.349	3.5480	2.7534	2.8801	3.1779	6.9808	2.4673
#3	10.316	14.005	3.5570	2.7549	2.8176	3.0921	6.7862	2.3910

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	2.2960	.30445	.95112	.23818	.49517	3.7506	.52301	3.3715
Stddev	.0027	.00130	.01336	.00372	.00399	.0695	.00056	.0684
%RSD	.11915	.42771	1.4044	1.5621	.80573	1.8522	.10730	2.0284
#1	2.2990	.30546	.95979	.24022	.49402	3.8009	.52365	3.4209
#2	2.2936	.30298	.95783	.24043	.49188	3.7796	.52273	3.4002
#3	2.2956	.30492	.93574	.23389	.49961	3.6713	.52264	3.2935

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.4482	.24976	9.0232	.69839	1.8896	44.815	5.1796
Stddev	.0016	.00029	.1674	.00177	.0274	.548	.0777
%RSD	.06614	.11809	1.8549	.25346	1.4480	1.2234	1.5000
#1	2.4478	.25007	9.1503	.69980	1.9079	45.173	5.2234
#2	2.4468	.24948	9.0856	.69640	1.9026	45.089	5.2255
#3	2.4500	.24971	8.8336	.69897	1.8581	44.184	5.0899

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/23/2024 13:30:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1840.7	25059.	2069.3	1564.5	1617.1
Stddev	1.1	19.	41.5	1.4	.4
%RSD	.06219	.07559	2.0037	.09139	.02169
#1	1842.0	25080.	2037.6	1566.1	1616.9
#2	1839.8	25044.	2054.2	1563.6	1617.5
#3	1840.2	25052.	2116.2	1563.8	1617.0

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/23/2024 13:34:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1191.1	.81192	17.865	.76128	1.4187	37.356	86.627	9.6829
Stddev	2.7	.00198	.055	.00176	.0027	.034	.094	.0384
%RSD	.22715	.24340	.30602	.23065	.19361	.09097	.10811	.39675
#1	1189.7	.81146	17.832	.76107	1.4183	37.352	86.709	9.6835
#2	1194.2	.81021	17.835	.75964	1.4161	37.325	86.525	9.7210
#3	1189.4	.81408	17.928	.76313	1.4216	37.392	86.648	9.6441

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	21.326	28.453	7.2381	5.7137	5.7760	6.2779	13.812	4.9340
Stddev	.065	.037	.0179	.0220	.0116	.0117	.007	.0143
%RSD	.30403	.13090	.24678	.38437	.20035	.18647	.04965	.28965
#1	21.298	28.447	7.2357	5.7008	5.7646	6.2666	13.809	4.9261
#2	21.279	28.418	7.2216	5.7012	5.7757	6.2771	13.807	4.9255
#3	21.400	28.492	7.2571	5.7390	5.7877	6.2900	13.820	4.9505

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	4.7687	.63740	1.9394	.48388	1.1050	7.6624	1.1143	6.6221
Stddev	.0094	.00084	.0052	.00044	.0068	.0128	.0037	.0084
%RSD	.19647	.13236	.26806	.09192	.61653	.16680	.33344	.12630
#1	4.7638	.63758	1.9428	.48343	1.1024	7.6560	1.1142	6.6151
#2	4.7627	.63648	1.9334	.48432	1.0999	7.6540	1.1106	6.6197
#3	4.7795	.63814	1.9420	.48388	1.1128	7.6771	1.1180	6.6313

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	5.3540	.53139	17.668	1.4670	3.8144	89.908	10.547
Stddev	.0106	.00141	.027	.0043	.0054	.078	.033
%RSD	.19809	.26491	.15534	.29500	.14160	.08658	.31474
#1	5.3570	.53101	17.681	1.4665	3.8133	89.880	10.561
#2	5.3423	.53022	17.685	1.4629	3.8097	89.847	10.510
#3	5.3629	.53295	17.636	1.4715	3.8203	89.996	10.571

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/23/2024 13:34:24 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	1634.7	23577.	2036.8	1373.0	1480.6
Stddev	7.0	32.	6.9	5.4	6.2
%RSD	.42581	.13406	.33647	.39292	.42003
#1	1631.9	23549.	2035.5	1369.6	1480.6
#2	1642.6	23611.	2030.6	1379.2	1486.8
#3	1629.5	23570.	2044.2	1370.2	1474.3

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: S6 Acquired: 12/23/2024 13:38:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) 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	96.525	45.574	16.243	7.8074	5.1815
Stddev	.559	.315	.095	.0410	.0403
%RSD	.57887	.69185	.58431	.52533	.77686
#1	96.948	45.768	16.294	7.8359	5.2229
#2	95.892	45.210	16.134	7.7604	5.1425
#3	96.736	45.744	16.302	7.8259	5.1791

Int. Std.	Y_3710
Units	Cts/S
Avg	1999.3
Stddev	14.5
%RSD	.72647
#1	1983.3
#2	2011.7
#3	2003.0

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICV001 Acquired: 12/23/2024 13:56:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.097705	1.009504	.9904277	.9805424	.9066308	2.443882
Stddev	.002451	.004636	.0032467	.0029034	.0033667	.025575
%RSD	.2233201	.4592311	.3278049	.2960991	.3713419	1.046477
#1	1.099905	1.014729	.9927212	.9798775	.9029474	2.435952
#2	1.098146	1.007902	.9918492	.9780292	.9095491	2.423212
#3	1.095063	1.005881	.9867127	.9837206	.9073958	2.472483

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5206880	.5265912	.5121546	10.21306	.5547057	.5097208
Stddev	.0039120	.0046471	.0002879	.05874	.0013900	.0009832
%RSD	.7513106	.8824801	.0562055	.5751161	.2505833	.1928990
#1	.5192724	.5261751	.5119337	10.17669	.5554431	.5095012
#2	.5176810	.5221661	.5124802	10.18168	.5555716	.5107953
#3	.5251108	.5314323	.5120500	10.28082	.5531023	.5088660

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5028334	10.58304	.5318669	6.327666	.5215067	.2467561
Stddev	.0142278	.03737	.0072838	.218736	.0004380	.0014089
%RSD	2.829521	.3531366	1.369473	3.456821	.0839888	.5709741
#1	.5011987	10.54076	.5237633	6.147006	.5215685	.2454262
#2	.4894936	10.59672	.5339685	6.265134	.5219106	.2482326
#3	.5178079	10.61165	.5378688	6.570858	.5210411	.2466094

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.650437	.5109738	.9069055	8.866641	F .0027338	F .0016169
Stddev	.401675	.0016811	.0077157	.091244	.0008418	.0015939
%RSD	4.162245	.3290068	.8507769	1.029065	30.79337	98.58114
#1	10.08316	.5113681	.9151831	8.782866	.0034030	.0024636
#2	9.57866	.5124228	.9056205	8.963861	.0017886	.0026087
#3	9.28949	.5091306	.8999129	8.853196	.0030097	-.000222

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICV001 Acquired: 12/23/2024 13:56:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0009926	F .0055932	F -.012064	F .0014148	F .0003059	F -.009186
Stddev	.0006746	.0021417	.000981	.0020685	.0012174	.000113
%RSD	67.95988	38.29081	8.130862	146.2025	397.9983	1.227982
#1	.0015541	.0031306	-.011971	.0022120	.0016757	-.009073
#2	.0011794	.0070209	-.013088	.0029662	-.000105	-.009298
#3	.0002443	.0066280	-.011133	-.000934	-.000653	-.009186

Elem	Li6707
Units	ppm
Avg	F .0037256
Stddev	.0059965
%RSD	160.9541
#1	.0058862
#2	.0083423
#3	-.003052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2029.388	26343.11	2140.188	1740.604	1822.592
Stddev	1.217	67.48	23.552	10.265	1.560
%RSD	.0599480	.2561403	1.100465	.5897588	.0856190
#1	2029.951	26418.49	2140.669	1740.891	1820.855
#2	2030.222	26288.36	2163.496	1750.722	1823.047
#3	2027.992	26322.48	2116.399	1730.198	1823.875

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICB001 Acquired: 12/23/2024 14:00:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003310	-.001601	-.001366	.0048692	.0006039	.0370921	-.001654
Stddev	.005994	.000820	.001181	.0013263	.0021066	.0263886	.001975
%RSD	181.0692	51.24100	86.50156	27.23961	348.8074	71.14333	119.4467
#1	-.009343	-.002537	-.000033	.0047871	-.001803	.0488166	.000296
#2	.002643	-.001258	-.002285	.0035858	.001501	.0555868	-.001604
#3	-.003231	-.001008	-.001779	.0062346	.002113	.0068730	-.003654

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000002	-.000029	-.016150	-.000513	-.000190	-.003490	-.003411
Stddev	.000016	.000123	.037108	.000715	.000167	.010339	.058460
%RSD	686.6488	432.6773	229.7738	139.5119	87.68182	296.2715	1713.859
#1	-.000017	-.000077	-.019499	-.000879	-.000318	-.014298	-.068760
#2	.000015	.000112	-.051469	-.000971	-.000250	.006304	.014609
#3	-.000005	-.000120	.022519	.000312	-.000002	-.002475	.043917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011009	-.001647	.0008901	-.000408	-.231366	-.004941	-.004143
Stddev	.0007370	.103436	.0003304	.002012	.184844	.003898	.006325
%RSD	66.94802	6279.909	37.11793	493.5170	79.89251	78.89524	152.6425
#1	.0004190	-.102843	.0005669	-.002376	-.426916	-.005804	.003110
#2	.0010008	.103892	.0008761	.001646	-.207669	-.000683	-.008504
#3	.0018828	-.005990	.0012272	-.000493	-.059513	-.008335	-.007036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.490042	-.002035	-.000443	.0006349	-.006083	-.017388	.0000172
Stddev	.039956	.001447	.002643	.0003115	.006338	.000991	.0010353
%RSD	8.153624	71.07581	596.7517	49.06358	104.2011	5.699089	6022.351
#1	-.448229	-.001815	-.003235	.0009291	-.008127	-.018300	-.000420
#2	-.494059	-.003579	-.000115	.0003086	-.011147	-.016333	.001199
#3	-.527838	-.000711	.002021	.0006671	.001025	-.017530	-.000727

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICB001 Acquired: 12/23/2024 14:00:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0007898	.0002543	.0057534
Stddev	.0028597	.0000156	.0010639
%RSD	362.0821	6.129717	18.49102
#1	.0039038	.0002373	.0069385
#2	-.001719	.0002679	.0054412
#3	.000184	.0002576	.0048806

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.490	26277.58	2113.547	1737.924	1820.832
Stddev	1.896	91.96	4.502	5.628	2.351
%RSD	.0937862	.3499554	.2130264	.3238464	.1291343
#1	2019.376	26171.50	2109.568	1731.425	1819.942
#2	2022.054	26334.72	2118.434	1741.212	1823.499
#3	2023.040	26326.53	2112.640	1741.134	1819.056

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICSA001 Acquired: 12/23/2024 14:04:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009508	-.010812	.0055747	.0244191	.0238240	236.4366
Stddev	.003015	.004417	.0014368	.0078781	.0011857	.9851
%RSD	31.70506	40.85655	25.77368	32.26220	4.976829	.4166594
#1	-.006624	-.015680	.0051257	.0165621	.0249401	235.4856
#2	-.009262	-.007058	.0044160	.0323182	.0239527	237.4526
#3	-.012638	-.009697	.0071824	.0243770	.0225793	236.3715

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028451	.0020196	.0010455	242.1648	.0521193	.0364007
Stddev	.0026461	.0001208	.0000499	1.2307	.0006230	.0003283
%RSD	93.00402	5.982478	4.769726	.5081931	1.195302	.9018821
#1	.0027269	.0018898	.0010579	241.2717	.0517763	.0362282
#2	.0002602	.0021288	.0010879	243.5686	.0528384	.0361947
#3	.0055484	.0020402	.0009905	241.6541	.0517432	.0367793

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001171	100.7543	.0123397	257.1051	.0038986	.0026556
Stddev	.006184	.1511	.0014035	.8350	.0002715	.0007506
%RSD	528.2150	.1499542	11.37420	.3247538	6.964331	28.26443
#1	-.003578	100.5890	.0139189	256.1442	.0039558	.0028919
#2	.005855	100.8852	.0118654	257.6543	.0036031	.0032595
#3	-.005790	100.7888	.0112348	257.5167	.0041370	.0018153

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.84089	.0089735	-.015816	-.855043	-.001025	F -.011812
Stddev	.65846	.0158117	.004204	.131253	.001462	.003901
%RSD	35.76858	176.2040	26.58355	15.35046	142.7257	33.02341
#1	-2.17277	.0171335	-.019343	-.995124	-.002578	-.010715
#2	-1.08253	.0190383	-.011163	-.835106	-.000821	-.008578
#3	-2.26737	-.009251	-.016941	-.734899	.000325	-.016144

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICSA001 Acquired: 12/23/2024 14:04:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035359	.0200226	-.026184	F .0129833	-.004881	.0015312
Stddev	.0008416	.0010926	.000930	.0009306	.002391	.0006983
%RSD	23.80170	5.456612	3.552547	7.167600	48.97955	45.60576
#1	.0038233	.0188216	-.025751	.0130218	-.002560	.0018082
#2	.0025883	.0209575	-.025550	.0120341	-.004747	.0020484
#3	.0041962	.0202887	-.027252	.0138941	-.007336	.0007369

Elem	Li6707
Units	ppm
Avg	.0084396
Stddev	.0016651
%RSD	19.72960
#1	.0103596
#2	.0073926
#3	.0075665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.079	24812.76	2093.846	1646.319	1647.136
Stddev	1.737	100.46	2.577	7.764	.803
%RSD	.0900649	.4048901	.1230788	.4716181	.0487221
#1	1931.046	24858.16	2093.584	1644.090	1648.062
#2	1927.754	24882.51	2096.545	1654.954	1646.650
#3	1928.437	24697.61	2091.411	1639.913	1646.694

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICSAB001 Acquired: 12/23/2024 14:08:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982024	.0831045	.0572344	.0693546	.5832036	236.9457
Stddev	.0048223	.0101188	.0023294	.0035492	.0044597	2.2810
%RSD	4.910592	12.17602	4.069987	5.117508	.7646963	.9626512
#1	.0930094	.0823399	.0560167	.0671594	.5791173	238.7269
#2	.0990587	.0733897	.0599203	.0734493	.5879608	237.7354
#3	.1025393	.0935840	.0557662	.0674551	.5825328	234.3749

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5258380	.5251327	1.019382	242.5419	.5961679	.5307926
Stddev	.0049631	.0048217	.003271	2.5055	.0018312	.0020734
%RSD	.9438458	.9181903	.3208646	1.033031	.3071629	.3906261
#1	.5285457	.5283708	1.016827	244.2667	.5969659	.5292143
#2	.5288584	.5274360	1.018252	243.6910	.5974646	.5300226
#3	.5201100	.5195913	1.023068	239.6679	.5940731	.5331408

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4788955	101.3140	.5265784	258.1679	1.016280	.1847340
Stddev	.0042526	1.1393	.0073320	2.6874	.004354	.0008688
%RSD	.8879930	1.124525	1.392392	1.040942	.4284452	.4703018
#1	.4806117	102.0543	.5324628	259.7154	1.014028	.1856135
#2	.4820218	101.8857	.5289078	259.7234	1.013512	.1847120
#3	.4740530	100.0021	.5183647	255.0648	1.021298	.1838763

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.944968	.5172710	.9267439	-1.24301	-.002438	F -.011429
Stddev	.925273	.0113762	.0172517	.22769	.002183	.004662
%RSD	97.91576	2.199266	1.861535	18.31793	89.54633	40.79375
#1	-.387888	.5221363	.9327057	-1.17258	-.004937	-.013747
#2	-.433966	.5042713	.9402239	-1.05886	-.000904	-.006062
#3	-2.01305	.5254055	.9073020	-1.49760	-.001473	-.014479

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: ICSAB001 Acquired: 12/23/2024 14:08:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB001 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042221	.0162405	-.029529	F .0130058	-.006371	.0013206
Stddev	.0015429	.0018697	.000671	.0033935	.001406	.0003761
%RSD	36.54334	11.51262	2.273004	26.09247	22.07108	28.48045
#1	.0024482	.0146393	-.028756	.0166358	-.005125	.0008904
#2	.0052518	.0157868	-.029865	.0124688	-.006092	.0015871
#3	.0049665	.0182952	-.029966	.0099128	-.007895	.0014843

Elem	Li6707
Units	ppm
Avg	.0071303
Stddev	.0013110
%RSD	18.38596
#1	.0080136
#2	.0056240
#3	.0077532

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.948	24876.11	2110.058	1648.195	1649.141
Stddev	6.458	91.79	12.560	7.017	6.484
%RSD	.3356581	.3690069	.5952391	.4257640	.3931609
#1	1929.337	24923.63	2104.831	1651.352	1655.745
#2	1925.718	24934.41	2100.957	1653.079	1648.893
#3	1916.790	24770.30	2124.388	1640.154	1642.784

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV001 Acquired: 12/23/2024 14:12:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.005187	4.860599	24.94315	5.001554	4.953275	403.6886	10.16410
Stddev	.022926	.006987	.07643	.029779	.003855	4.5583	.10684
%RSD	.4580396	.1437556	.3064262	.5953896	.0778284	1.129150	1.051169
#1	5.031459	4.858332	24.87374	5.000786	4.957560	404.7458	10.20522
#2	4.989231	4.855026	24.93064	4.972166	4.950089	398.6946	10.04280
#3	4.994872	4.868438	25.02506	5.031709	4.952175	407.6253	10.24426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5155738	2.503588	410.4360	15.79103	2.526658	15.21268	413.3318
Stddev	.0069292	.006451	4.2911	.04763	.007530	.18976	4.6911
%RSD	1.343973	.2576859	1.045510	.3016516	.2980340	1.247365	1.134956
#1	.5137668	2.499709	411.0921	15.84344	2.520650	15.24028	414.4449
#2	.5097272	2.500018	405.8546	15.75037	2.524218	15.01064	408.1843
#3	.5232275	2.511035	414.3614	15.77927	2.535106	15.38713	417.3663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06966	408.3939	2.533485	1.305511	404.7655	2.533295	15.08649
Stddev	.15941	4.5774	.004572	.003742	4.2368	.009711	.11288
%RSD	1.057812	1.120819	.1804656	.2866187	1.046718	.3833256	.7481963
#1	15.09623	410.1387	2.532527	1.309499	406.7292	2.542490	15.19944
#2	14.89863	403.2008	2.529468	1.302078	399.9032	2.523140	15.08635
#3	15.21411	411.8423	2.538460	1.304955	407.6641	2.534256	14.97369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.1964	5.043375	4.994342	4.916126	5.035171	4.936523	5.066555
Stddev	1.5133	.010945	.076278	.012741	.010884	.068101	.017358
%RSD	.9877856	.2170197	1.527284	.2591630	.2161681	1.379534	.3425956
#1	153.4537	5.038795	4.982612	4.920150	5.022996	4.919038	5.054688
#2	151.5711	5.035464	4.924609	4.901859	5.038558	4.878869	5.058500
#3	154.5646	5.055866	5.075806	4.926369	5.043960	5.011662	5.086477

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV001 Acquired: 12/23/2024 14:12:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.055174	4.832406	5.113268
Stddev	.050991	.056893	.057730
%RSD	1.008689	1.177331	1.129021
#1	5.046159	4.825273	5.131326
#2	5.009291	4.779416	5.048668
#3	5.110071	4.892530	5.159810

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1757.337	23869.46	2053.477	1497.352	1533.736
Stddev	6.884	122.32	23.871	8.652	8.212
%RSD	.3917553	.5124659	1.162486	.5778446	.5354069
#1	1763.377	23730.69	2052.914	1489.283	1542.133
#2	1758.793	23916.07	2077.625	1496.284	1533.350
#3	1749.841	23961.63	2029.893	1506.488	1525.724

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB001 Acquired: 12/23/2024 14:16:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028919	.0012033	.0036605	.0022437	-.000066	.0378423	-.000999
Stddev	.0053961	.0027323	.0023915	.0047833	.002072	.0462896	.001053
%RSD	186.5908	227.0678	65.33412	213.1937	3161.328	122.3222	105.3644
#1	.0029740	-.001499	.0047063	.0057142	-.001379	.0020892	-.001494
#2	.0082466	.003965	.0053509	.0042296	.002323	.0901283	.000210
#3	-.002545	.001144	.0009241	-.003213	-.001141	.0213095	-.001713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000053	-.000054	.0018350	.0003506	-.000032	.0083635	.0330278
Stddev	.000092	.000051	.0068233	.0002243	.000240	.0097983	.0279130
%RSD	174.7336	93.98517	371.8346	63.97844	746.8645	117.1554	84.51380
#1	-.000076	.000001	.0017088	.0005087	.000216	.0098373	.0335555
#2	-.000131	-.000064	.0087205	.0000939	-.000264	-.002088	.0048546
#3	.000049	-.000099	-.004924	.0004494	-.000048	.017341	.0606732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015270	.1197950	.0009785	.0008518	-.110412	.0081163	-.004226
Stddev	.0012417	.0279895	.0002351	.0010047	.490852	.0045776	.009262
%RSD	81.31457	23.36450	24.02574	117.9483	444.5638	56.39959	219.1728
#1	.0009140	.1062140	.0012217	.0015575	-.040363	.0109801	-.012809
#2	.0007110	.1519839	.0009612	.0012965	-.632526	.0105320	.005591
#3	.0029560	.1011870	.0007525	-.000298	.341652	.0028369	-.005459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.497514	-.001293	.0126564	.0006421	-.001531	-.034101	.0016355
Stddev	.106479	.001161	.0002901	.0004300	.004945	.001152	.0013538
%RSD	21.40219	89.79830	2.292122	66.97069	323.0139	3.377829	82.77380
#1	-.401480	-.000179	.0129475	.0001496	.000647	-.033500	.0022749
#2	-.479040	-.001203	.0126544	.0008337	.001951	-.033374	.0025512
#3	-.612020	-.002495	.0123673	.0009430	-.007190	-.035429	.0000805

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB001 Acquired: 12/23/2024 14:16:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB001 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002682	.0003368	.0137388
Stddev	.002457	.0003157	.0049226
%RSD	91.62129	93.72576	35.83009
#1	-.000289	.0003768	.0141281
#2	-.002558	.0006306	.0184552
#3	-.005199	.0000031	.0086330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2039.177	26411.95	2124.655	1747.132	1835.178
Stddev	6.115	166.23	26.214	6.429	4.564
%RSD	.2998608	.6293683	1.233788	.3680006	.2486739
#1	2036.919	26220.01	2114.761	1739.810	1836.437
#2	2046.100	26508.37	2104.828	1751.857	1838.981
#3	2034.513	26507.48	2154.376	1749.729	1830.117

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-04DLX2 Acquired: 12/23/2024 14:28:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK96 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225509	.0015843	.0967704	.0108569	.0157128	27.98752	.4098541
Stddev	.0020264	.0048151	.0039473	.0046679	.0022530	.09991	.0010734
%RSD	8.985976	303.9283	4.079081	42.99461	14.33855	.3569716	.2619049
#1	.0202405	.0031102	.1002274	.0122511	.0145192	28.06200	.4107968
#2	.0233851	-.003809	.0976146	.0146689	.0183115	27.87399	.4086858
#3	.0240271	.005452	.0924693	.0056508	.0143077	28.02658	.4100797

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028621	.0015438	518.5643	.0452803	.0863384	.1030168	75.14285
Stddev	.0000973	.0000555	2.9479	.0008518	.0002785	.0143462	.33207
%RSD	3.399787	3.592972	.5684711	1.881137	.3225240	13.92607	.4419160
#1	.0029082	.0015262	520.8992	.0462589	.0862617	.0916435	75.42370
#2	.0027503	.0014993	515.2518	.0448764	.0861063	.0982728	74.77635
#3	.0029279	.0016060	519.5418	.0447056	.0866472	.1191341	75.22850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.375428	85.12960	.0893618	.0022448	-1.45629	.0619682	.2544435
Stddev	.016630	.46639	.0008427	.0011614	.11314	.0031410	.0115419
%RSD	.4926813	.5478544	.9429967	51.73555	7.769249	5.068746	4.536140
#1	3.389644	84.94112	.0886647	.0009045	-1.58662	.0615064	.2653029
#2	3.357140	84.78695	.0891224	.0029542	-1.39894	.0590836	.2557049
#3	3.379499	85.66073	.0902983	.0028756	-1.38331	.0653145	.2423227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.072825	2.918575	.0139432	.0045159	.8867764	4.970236	.0157657
Stddev	.173509	.006818	.0029766	.0004357	.0124083	.077247	.0008414
%RSD	5.646575	.2336007	21.34826	9.647462	1.399256	1.554197	5.336884
#1	3.074881	2.920230	.0135529	.0047274	.8898991	5.047162	.0150254
#2	2.898297	2.911081	.0170956	.0048054	.8731051	4.892672	.0166808
#3	3.245297	2.924412	.0111809	.0040148	.8973251	4.970874	.0155911

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-04DLX2 Acquired: 12/23/2024 14:28:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK96 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3927391	.3931578	.0727012
Stddev	.0069193	.0011924	.0019639
%RSD	1.761796	.3032739	2.701282
#1	.3963474	.3935260	.0706844
#2	.3847615	.3918248	.0728117
#3	.3971084	.3941227	.0746075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2067.811	26933.92	2260.024	1771.166	1633.616
Stddev	5.926	207.25	26.236	16.888	4.490
%RSD	.2866022	.7694621	1.160865	.9534794	.2748446
#1	2061.296	26946.58	2232.075	1772.105	1628.439
#2	2072.883	26720.64	2284.121	1753.829	1635.967
#3	2069.254	27134.55	2263.877	1787.565	1636.443

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-12DLX2 Acquired: 12/23/2024 14:32:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0685572	-.007129	.3279795	.0247713	.0228690	40.27653	.5503356
Stddev	.0024173	.003066	.0027664	.0012352	.0015264	.18870	.0026067
%RSD	3.525982	43.00628	.8434687	4.986572	6.674709	.4685138	.4736558
#1	.0695690	-.008162	.3281848	.0246228	.0242659	40.13950	.5476945
#2	.0703042	-.009544	.3306375	.0260740	.0231014	40.49176	.5529065
#3	.0657984	-.003680	.3251161	.0236169	.0212397	40.19834	.5504058

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043265	.0034828	485.2011	.0718956	.0922161	4.972718	104.4086
Stddev	.0001382	.0000279	1.8880	.0007118	.0006207	.022594	.5301
%RSD	3.195107	.7998045	.3891209	.9900394	.6731489	.4543660	.5076793
#1	.0041753	.0034519	483.3545	.0710738	.0916216	4.946804	103.9214
#2	.0044464	.0034906	487.1280	.0723170	.0928602	4.988292	104.9730
#3	.0043578	.0035060	485.1209	.0722960	.0921665	4.983058	104.3315

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.632948	80.50361	.1082767	.0044035	-.833074	.0877204	1.614655
Stddev	.030613	.46196	.0013918	.0009811	.449729	.0045909	.026128
%RSD	.4615281	.5738351	1.285386	22.27928	53.98428	5.233588	1.618171
#1	6.613998	80.37664	.1071184	.0050511	-.313827	.0876500	1.643314
#2	6.668266	81.01578	.1078910	.0032747	-1.09928	.0923461	1.608490
#3	6.616582	80.11842	.1098206	.0048845	-1.08611	.0831651	1.592161

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.948969	3.591317	.0289138	.0034962	1.238999	5.290007	.0401240
Stddev	.059543	.014479	.0020456	.0003115	.004655	.019833	.0015784
%RSD	.8568560	.4031616	7.074859	8.909209	.3757200	.3749179	3.933899
#1	6.924454	3.575829	.0265733	.0037229	1.240827	5.278913	.0383538
#2	6.905597	3.604513	.0303599	.0031410	1.242463	5.278204	.0406335
#3	7.016856	3.593609	.0298083	.0036248	1.233708	5.312905	.0413848

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-12DLX2 Acquired: 12/23/2024 14:32:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4297152	.3487660	.0839816
Stddev	.0022779	.0007799	.0042315
%RSD	.5300873	.2236265	5.038620
#1	.4283641	.3481212	.0792208
#2	.4284364	.3485438	.0854097
#3	.4323451	.3496329	.0873143

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2175.155	28345.97	2378.325	1855.985	1655.674
Stddev	7.730	165.57	2.001	13.960	4.677
%RSD	.3553836	.5841216	.0841480	.7521438	.2824668
#1	2177.674	28210.65	2376.805	1844.238	1658.041
#2	2181.312	28296.65	2377.578	1852.300	1658.694
#3	2166.480	28530.59	2380.593	1871.418	1650.287

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-13DLX2 Acquired: 12/23/2024 14:36:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170614	.0086901	.1110210	-.004688	.0114631	27.20762	.3449406
Stddev	.0026694	.0019361	.0032133	.001580	.0038816	.15917	.0030894
%RSD	15.64581	22.27964	2.894268	33.69923	33.86215	.5850138	.8956408
#1	.0154059	.0079394	.1106485	-.003979	.0117245	27.38523	.3484385
#2	.0156374	.0108891	.1080103	-.006498	.0074573	27.07789	.3437983
#3	.0201408	.0072417	.1144043	-.003587	.0152074	27.15972	.3425849

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030642	.0014239	593.5666	.0480336	.0741249	.1473819	64.21548
Stddev	.0002328	.0000959	2.3498	.0017720	.0006748	.0021805	.42670
%RSD	7.598406	6.737580	.3958820	3.689107	.9103957	1.479477	.6644747
#1	.0031586	.0013134	596.2646	.0462669	.0744958	.1457198	64.65024
#2	.0027990	.0014722	592.4673	.0498109	.0745328	.1465751	63.79733
#3	.0032350	.0014861	591.9679	.0480230	.0733459	.1498508	64.19889

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.188343	57.18041	.0708181	.0029453	-.609537	.0542027	.2813171
Stddev	.020175	.42621	.0008111	.0003769	.540099	.0064759	.0184335
%RSD	.6327814	.7453856	1.145347	12.79823	88.60807	11.94757	6.552569
#1	3.210695	57.67053	.0715681	.0027844	-1.17807	.0600855	.2873333
#2	3.182853	56.89670	.0709290	.0026755	-.54727	.0552590	.2959908
#3	3.171482	56.97400	.0699573	.0033760	-.10327	.0472636	.2606271

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.737038	1.798972	.0444419	.0030749	1.209467	4.737006	.0152007
Stddev	.111546	.012552	.0004256	.0002749	.006838	.034029	.0003777
%RSD	1.655719	.6977531	.9576425	8.940638	.5654096	.7183560	2.484581
#1	6.614106	1.798860	.0447570	.0032188	1.205273	4.750888	.0149306
#2	6.831798	1.811580	.0439578	.0032481	1.217359	4.698231	.0150392
#3	6.765209	1.786476	.0446110	.0027579	1.205770	4.761900	.0156323

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-13DLX2 Acquired: 12/23/2024 14:36:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1428217	.4526459	.0639584
Stddev	.0026572	.0010219	.0046635
%RSD	1.860523	.2257704	7.291411
#1	.1426804	.4537068	.0586079
#2	.1455468	.4525628	.0671598
#3	.1402379	.4516680	.0661076

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2059.757	26897.91	2240.570	1764.765	1624.485
Stddev	7.384	85.02	9.672	11.027	7.548
%RSD	.3584653	.3160739	.4316841	.6248388	.4646519
#1	2053.291	26888.06	2231.324	1759.168	1617.385
#2	2058.177	26818.24	2250.619	1757.659	1623.656
#3	2067.802	26987.42	2239.767	1777.468	1632.413

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-03DLX2 Acquired: 12/23/2024 14:40:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0913763	-.015451	.3342841	.0587225	.0241963	43.46176	1.023358
Stddev	.0044129	.003258	.0014848	.0014166	.0010895	.05516	.002245
%RSD	4.829389	21.08776	.4441741	2.412298	4.502941	.1269146	.2193443
#1	.0951338	-.015517	.3334173	.0573751	.0247594	43.52374	1.024415
#2	.0865168	-.018675	.3334365	.0601993	.0248892	43.41804	1.020780
#3	.0924781	-.012160	.3359986	.0585930	.0229405	43.44351	1.024879

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040685	.0059184	122.8441	.0679909	.0968196	.1552627	122.1707
Stddev	.0001572	.0000784	.0105	.0010387	.0014970	.0045443	.3028
%RSD	3.863679	1.325380	.0085198	1.527731	1.546144	2.926830	.2478104
#1	.0042388	.0059194	122.8333	.0680584	.0951032	.1506666	122.2351
#2	.0040380	.0058395	122.8449	.0689942	.0978549	.1553682	121.8409
#3	.0039289	.0059963	122.8542	.0669201	.0975006	.1597533	122.4361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.17656	47.68016	.1092877	.0077402	-.815263	.0989152	.4203638
Stddev	.02675	.33326	.0007741	.0010907	.503830	.0058982	.0112897
%RSD	.1471471	.6989541	.7083317	14.09088	61.79970	5.962930	2.685695
#1	18.17552	47.37241	.1097622	.0080656	-.283585	.0923786	.4207347
#2	18.15035	47.63397	.1083944	.0086311	-1.28563	.1005271	.4314635
#3	18.20381	48.03411	.1097064	.0065239	-.87657	.1038400	.4088933

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.321977	3.506004	.0068564	.0058242	1.327975	6.685938	.0247767
Stddev	.091078	.020252	.0030702	.0006007	.012903	.039520	.0030377
%RSD	2.741690	.5776478	44.77896	10.31429	.9716606	.5910847	12.26046
#1	3.401966	3.485904	.0088213	.0062131	1.313717	6.715834	.0271278
#2	3.222851	3.505703	.0084294	.0061272	1.331362	6.641133	.0258556
#3	3.341113	3.526406	.0033184	.0051323	1.338848	6.700848	.0213468

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-03DLX2 Acquired: 12/23/2024 14:40:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2260622	.0028587	.0490084
Stddev	.0036854	.0002350	.0031843
%RSD	1.630257	8.220947	6.497533
#1	.2231597	.0028719	.0526043
#2	.2248183	.0026174	.0478753
#3	.2302086	.0030868	.0465455

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2364.691	30717.03	2526.814	2027.673	1759.972
Stddev	10.631	148.15	18.743	13.781	10.524
%RSD	.4495663	.4823135	.7417806	.6796378	.5979589
#1	2375.413	30636.43	2507.484	2020.151	1770.188
#2	2364.505	30626.65	2544.910	2019.290	1760.564
#3	2354.154	30888.01	2528.047	2043.578	1749.165

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-04DLX2 Acquired: 12/23/2024 14:44:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0949371	-.015931	.3331671	.0575795	.0228122	44.14331	1.035129
Stddev	.0089612	.001231	.0001360	.0012995	.0037237	.16217	.001652
%RSD	9.439047	7.728332	.0408068	2.256861	16.32325	.3673652	.1596219
#1	.0979759	-.017185	.3330277	.0590540	.0205683	44.11291	1.033412
#2	.1019837	-.015882	.3332994	.0566013	.0271105	44.31853	1.036709
#3	.0848517	-.014725	.3331741	.0570832	.0207576	43.99849	1.035265

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040808	.0058577	123.6537	.0681909	.0970610	.1516273	123.5096
Stddev	.0000473	.0001092	.5156	.0008108	.0003779	.0024672	.5012
%RSD	1.157931	1.863801	.4169534	1.188999	.3893069	1.627123	.4058359
#1	.0040619	.0059216	123.5345	.0685584	.0974434	.1539265	123.3657
#2	.0041345	.0057316	124.2185	.0672614	.0966879	.1519346	124.0671
#3	.0040459	.0059199	123.2083	.0687528	.0970518	.1490210	123.0961

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.36340	48.11956	.1095808	.0068832	-1.09421	.0980086	.3964953
Stddev	.07764	.19554	.0010852	.0020425	.21900	.0076312	.0056487
%RSD	.4227876	.4063525	.9903154	29.67443	20.01432	7.786296	1.424666
#1	18.33302	48.13184	.1108326	.0061075	-.91241	.1027065	.3901238
#2	18.45163	48.30866	.1089058	.0091999	-1.03288	.0892034	.3984724
#3	18.30554	47.91817	.1090040	.0053421	-1.33733	.1021159	.4008897

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.283067	3.517788	.0123863	.0061984	1.324999	7.042350	.0223670
Stddev	.162526	.006957	.0014244	.0004509	.002103	.036295	.0029960
%RSD	4.950437	.1977727	11.49949	7.274362	.1587127	.5153772	13.39475
#1	3.095449	3.522064	.0140252	.0064955	1.326588	7.058704	.0192264
#2	3.373063	3.509760	.0114476	.0056796	1.322614	7.067589	.0226808
#3	3.380688	3.521540	.0116861	.0064202	1.325794	7.000755	.0251938

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-04DLX2 Acquired: 12/23/2024 14:44:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2417732	.0026123	.0475375
Stddev	.0057566	.0002234	.0059253
%RSD	2.380992	8.553533	12.46451
#1	.2364273	.0024964	.0541340
#2	.2478673	.0024706	.0458126
#3	.2410249	.0028699	.0426661

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2333.127	30203.68	2475.487	2002.694	1738.367
Stddev	1.789	123.54	14.257	14.727	2.591
%RSD	.0766853	.4090364	.5759199	.7353577	.1490663
#1	2332.568	30260.58	2476.851	2000.128	1738.334
#2	2335.129	30061.94	2460.597	1989.419	1740.976
#3	2331.684	30288.52	2489.013	2018.536	1735.793

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-03LDLX10 Acquired: 12/23/2024 14:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149961	-.000043	.0676067	.0065681	.0048629	9.893973	.2300490
Stddev	.0032764	.005534	.0025452	.0004418	.0042014	.038846	.0020520
%RSD	21.84816	12738.54	3.764779	6.726772	86.39835	.3926185	.8919670
#1	.0182010	-.004666	.0694798	.0069865	.0042441	9.853286	.2289762
#2	.0116527	-.001552	.0686315	.0061061	.0010051	9.930669	.2287557
#3	.0151346	.006088	.0647088	.0066118	.0093394	9.897963	.2324149

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009116	.0010301	27.97978	.0144381	.0274655	.0372169	27.92818
Stddev	.0001665	.0000545	.15100	.0008136	.0001099	.0017663	.07924
%RSD	18.26792	5.293761	.5396816	5.635136	.4002674	4.746035	.2837120
#1	.0008676	.0009920	27.86609	.0148430	.0273580	.0377095	27.91811
#2	.0010957	.0010057	28.15112	.0135015	.0274608	.0386847	28.01197
#3	.0007715	.0010926	27.92214	.0149697	.0275778	.0352566	27.85446

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.172565	11.04984	.0212191	.0013163	-1.78878	.0261593	.0802138
Stddev	.014864	.05356	.0005015	.0010658	.94026	.0049255	.0245343
%RSD	.3562406	.4847085	2.363232	80.96868	52.56435	18.82870	30.58611
#1	4.158574	11.01241	.0210230	.0002057	-2.35016	.0209083	.1083949
#2	4.188171	11.02591	.0217889	.0023308	-2.31290	.0306769	.0686328
#3	4.170951	11.11119	.0208453	.0014125	-.70327	.0268927	.0636136

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1613107	.6891325	.0021971	.0026400	.2565638	1.558592	.0047072
Stddev	.0490577	.0032152	.0032372	.0008581	.0008291	.021355	.0020565
%RSD	30.41196	.4665583	147.3394	32.50401	.3231480	1.370124	43.68955
#1	.1321083	.6855681	.0013025	.0030743	.2562729	1.538846	.0062496
#2	.1338753	.6918140	.0057876	.0031941	.2559194	1.581255	.0023723
#3	.2179486	.6900155	-.000499	.0016516	.2574991	1.555674	.0054996

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-03LDLX10 Acquired: 12/23/2024 14:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0523613	.0004488	.0119954
Stddev	.0048933	.0002448	.0043832
%RSD	9.345246	54.54919	36.54057
#1	.0477547	.0003661	.0167945
#2	.0574981	.0002560	.0082033
#3	.0518312	.0007243	.0109885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2105.632	27527.67	2230.203	1819.669	1818.403
Stddev	4.053	150.28	20.751	9.697	.702
%RSD	.1925017	.5459381	.9304671	.5329261	.0386087
#1	2108.944	27356.52	2244.869	1809.965	1819.214
#2	2101.112	27638.06	2206.460	1829.360	1817.999
#3	2106.841	27588.44	2239.281	1819.681	1817.997

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-05DLX2 Acquired: 12/23/2024 14:52:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1372985	.0300452	.3363727	.1308802	.0998256	43.30071	2.654654
Stddev	.0032025	.0032815	.0013230	.0013456	.0022400	.25665	.022931
%RSD	2.332517	10.92189	.3933003	1.028111	2.243900	.5927174	.8637860
#1	.1368991	.0280014	.3357195	.1293432	.0974113	43.03339	2.629715
#2	.1406820	.0338303	.3355034	.1318457	.1002293	43.54516	2.674828
#3	.1343145	.0283039	.3378952	.1314518	.1018363	43.32357	2.659418

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0464084	.0535060	117.4575	.2433279	.5617803	.3506155	118.0658
Stddev	.0004114	.0001079	.8207	.0003713	.0002330	.0142779	1.0316
%RSD	.8865114	.2015956	.6986936	.1525860	.0414668	4.072232	.8737130
#1	.0461189	.0534090	116.6026	.2433427	.5617639	.3355293	116.9921
#2	.0468793	.0534869	118.2390	.2436915	.5615560	.3524001	119.0492
#3	.0462270	.0536222	117.5309	.2429494	.5620210	.3639172	118.1562

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.85743	45.75406	.5891337	.0363584	-1.12716	.5190420	.7708917
Stddev	.16308	.41242	.0010258	.0017955	.60620	.0016054	.0168099
%RSD	.9132266	.9013944	.1741265	4.938249	53.78104	.3092986	2.180584
#1	17.68119	45.37819	.5882358	.0343482	-.54645	.5183683	.7749381
#2	18.00300	46.19524	.5902517	.0378028	-1.07905	.5178833	.7524279
#3	17.88808	45.68875	.5889136	.0369242	-1.75598	.5208745	.7853091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.982016	3.349533	.0073533	.0051312	1.264832	6.439987	.0207771
Stddev	.139254	.012175	.0027534	.0006550	.003278	.059354	.0009292
%RSD	4.669789	.3634822	37.44523	12.76439	.2591323	.9216418	4.472337
#1	2.992003	3.344813	.0064339	.0047394	1.261679	6.393156	.0197048
#2	2.838038	3.340425	.0051771	.0047668	1.264596	6.506739	.0213458
#3	3.116008	3.363361	.0104488	.0058873	1.268221	6.420067	.0212807

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-05DLX2 Acquired: 12/23/2024 14:52:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2204833	.0016975	.0477828
Stddev	.0014149	.0002463	.0042014
%RSD	.6417048	14.51058	8.792742
#1	.2190034	.0016601	.0509711
#2	.2218226	.0014721	.0430219
#3	.2206238	.0019604	.0493552

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.635	31295.87	2575.721	2070.106	1804.561
Stddev	5.629	84.39	23.854	4.136	1.954
%RSD	.2337832	.2696383	.9261060	.1997906	.1082876
#1	2414.114	31369.15	2599.520	2066.089	1806.816
#2	2404.848	31314.84	2551.812	2074.352	1803.505
#3	2403.944	31203.61	2575.831	2069.877	1803.362

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-13DLX5 Acquired: 12/23/2024 14:56:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010123	.0132804	.0363928	-.011459	.0060540	11.65384	.0884583
Stddev	.0031095	.0032516	.0005693	.001886	.0014995	.00853	.0013012
%RSD	307.1576	24.48444	1.564309	16.46206	24.76947	.0731920	1.470986
#1	.0044659	.0164240	.0366766	-.010913	.0073166	11.66163	.0889005
#2	.0001361	.0099305	.0367644	-.013559	.0064488	11.65516	.0894808
#3	-.001565	.0134867	.0357374	-.009907	.0043965	11.64473	.0869936

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014162	.0006404	206.5279	.0217319	.0460503	.0439594	35.80746
Stddev	.0001915	.0000756	.1720	.0009236	.0004696	.0033948	.10175
%RSD	13.52399	11.80793	.0832849	4.250079	1.019774	7.722677	.2841627
#1	.0015395	.0006656	206.6803	.0209357	.0462750	.0478104	35.91354
#2	.0011955	.0007001	206.3414	.0227445	.0455105	.0413995	35.71067
#3	.0015135	.0005554	206.5620	.0215154	.0463653	.0426683	35.79816

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.775902	42.89046	.0282005	.0011821	-1.03903	.0349418	.0868453
Stddev	.006662	.25181	.0002734	.0009719	.36711	.0089214	.0095669
%RSD	.3751336	.5871063	.9695299	82.22388	35.33248	25.53206	11.01608
#1	1.781462	43.16593	.0278921	.0018574	-.89959	.0411261	.0954074
#2	1.777728	42.83331	.0284133	.0016206	-1.45543	.0247148	.0886094
#3	1.768518	42.67213	.0282960	.0000681	-.76206	.0389846	.0765190

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.253466	1.042007	.0086369	.0042177	.3128784	1.931247	.0090324
Stddev	.032361	.004644	.0027850	.0003042	.0037205	.018620	.0031861
%RSD	2.581717	.4456312	32.24540	7.212130	1.189112	.9641593	35.27373
#1	1.274355	1.045666	.0069424	.0041903	.3129229	1.927248	.0093279
#2	1.216189	1.036783	.0071171	.0045346	.3091359	1.951542	.0057089
#3	1.269854	1.043571	.0118512	.0039281	.3165764	1.914952	.0120605

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-13DLX5 Acquired: 12/23/2024 14:56:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2888712	.1364957	.0213223
Stddev	.0012916	.0007288	.0029431
%RSD	.4471186	.5338963	13.80275
#1	.2873825	.1359803	.0179666
#2	.2896938	.1361774	.0234648
#3	.2895372	.1373294	.0225355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.446	26731.64	2185.702	1764.496	1703.514
Stddev	5.075	111.36	8.893	4.085	5.682
%RSD	.2502150	.4165784	.4068705	.2314863	.3335386
#1	2022.866	26784.33	2187.923	1765.853	1696.974
#2	2032.788	26603.72	2175.910	1759.906	1707.236
#3	2029.684	26806.89	2193.275	1767.729	1706.331

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-03DLX2 Acquired: 12/23/2024 15:00:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0351538	-.014196	.0974547	.0227531	.0229033	47.06037	.6103552
Stddev	.0021589	.002497	.0022433	.0051715	.0035355	.07746	.0011042
%RSD	6.141236	17.59002	2.301923	22.72878	15.43660	.1646032	.1809163
#1	.0374440	-.015193	.0965043	.0200758	.0191184	46.98072	.6096537
#2	.0331560	-.016040	.0958430	.0287144	.0261208	47.06497	.6097838
#3	.0348613	-.011354	.1000168	.0194692	.0234706	47.13544	.6116280

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048829	.0023868	415.8688	.0925597	.0866079	.0756606	106.6873
Stddev	.0000716	.0000741	.7694	.0006481	.0005397	.0024746	.1847
%RSD	1.466898	3.102671	.1850142	.7002206	.6232003	3.270655	.1731590
#1	.0049346	.0023496	415.2704	.0921711	.0860804	.0777190	106.5229
#2	.0049129	.0024721	415.5992	.0933079	.0871591	.0763477	106.6518
#3	.0048011	.0023389	416.7367	.0922001	.0865843	.0729150	106.8872

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.222240	121.6019	.1439966	.0021310	-.853073	.1229990	.3191396
Stddev	.001993	.4314	.0010357	.0018619	.508568	.0014253	.0116131
%RSD	.0896828	.3547626	.7192675	87.37322	59.61601	1.158790	3.638866
#1	2.220658	121.3623	.1430083	.0034829	-.520183	.1232425	.3238618
#2	2.221583	121.3434	.1439075	.0000073	-.600556	.1214677	.3276477
#3	2.224478	122.0999	.1450740	.0029027	-1.43848	.1242869	.3059093

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.240331	2.063535	.0159257	.0138281	2.930084	5.902586	.0175140
Stddev	.144309	.006600	.0025175	.0007041	.024963	.035304	.0005562
%RSD	2.753818	.3198626	15.80782	5.091602	.8519465	.5981177	3.175882
#1	5.400873	2.064475	.0150227	.0131126	2.931244	5.932486	.0169131
#2	5.121398	2.056515	.0187701	.0138516	2.904562	5.863638	.0180109
#3	5.198721	2.069616	.0139841	.0145201	2.954447	5.911633	.0176181

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-03DLX2 Acquired: 12/23/2024 15:00:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6923031	.7079578	.0893270
Stddev	.0020918	.0016220	.0032964
%RSD	.3021545	.2291157	3.690312
#1	.6901359	.7090778	.0931240
#2	.6924629	.7060977	.0871967
#3	.6943104	.7086978	.0876604

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2088.431	27109.98	2282.484	1781.842	1680.724
Stddev	2.487	176.03	4.246	7.560	3.030
%RSD	.1190735	.6492999	.1860137	.4242556	.1802908
#1	2088.981	27282.24	2282.769	1787.347	1677.414
#2	2085.715	26930.42	2286.579	1773.222	1683.361
#3	2090.597	27117.27	2278.102	1784.956	1681.398

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-04DLX2 Acquired: 12/23/2024 15:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056047	.0195158	.1100900	-.010341	.0089329	43.94582	.4122944
Stddev	.0043340	.0066155	.0010979	.003297	.0023513	.24160	.0017016
%RSD	77.32799	33.89802	.9972562	31.88735	26.32202	.5497646	.4127075
#1	.0065148	.0126569	.1103657	-.006966	.0062305	43.81222	.4114635
#2	.0094115	.0200331	.1088805	-.010502	.0100568	43.80052	.4111680
#3	.0008879	.0258575	.1110237	-.013555	.0105114	44.22471	.4142518

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067967	.0011224	655.4018	.0687353	.0588710	.0515692	45.05707
Stddev	.0001734	.0002160	3.3447	.0004517	.0004727	.0040847	.24932
%RSD	2.550703	19.24230	.5103283	.6572020	.8029381	7.920863	.5533431
#1	.0069344	.0013587	652.7483	.0692100	.0594141	.0476717	44.91770
#2	.0066021	.0010734	654.2983	.0686851	.0586474	.0512173	44.90860
#3	.0068538	.0009351	659.1588	.0683107	.0585517	.0558184	45.34491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.505404	196.6350	.0439795	.0006567	-.365704	.0665073	.2304782
Stddev	.020615	1.6000	.0004704	.0011427	.879041	.0053382	.0074408
%RSD	.5880973	.8136674	1.069475	173.9916	240.3696	8.026429	3.228442
#1	3.484544	195.3089	.0445017	-.000418	-.987938	.0618658	.2234243
#2	3.505902	196.1840	.0438477	.001857	-.749088	.0653155	.2297568
#3	3.525765	198.4120	.0435891	.000530	.639914	.0723406	.2382534

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.373692	1.016693	.1248064	.0076763	11.76877	5.798905	.0195787
Stddev	.099289	.015236	.0021019	.0004406	.10342	.038671	.0021517
%RSD	4.182888	1.498590	1.684134	5.740054	.8787759	.6668732	10.99009
#1	2.380764	1.031808	.1261477	.0081607	11.83138	5.843020	.0194654
#2	2.271056	1.016932	.1223840	.0075689	11.82552	5.770860	.0174858
#3	2.469256	1.001338	.1258875	.0072993	11.64940	5.782834	.0217847

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-04DLX2 Acquired: 12/23/2024 15:04:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.214214	1.246210	.0581521
Stddev	.001358	.007135	.0037340
%RSD	.1118386	.5725425	6.421159
#1	1.213143	1.242834	.0555629
#2	1.215741	1.241391	.0624325
#3	1.213757	1.254407	.0564610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.187	26655.92	2265.617	1745.639	1623.209
Stddev	10.082	132.94	9.300	1.352	10.561
%RSD	.4934668	.4987421	.4104796	.0774701	.6506520
#1	2033.188	26785.27	2267.795	1746.926	1612.571
#2	2043.021	26662.84	2273.635	1745.761	1623.364
#3	2053.351	26519.65	2255.422	1744.229	1633.692

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-06DLX2 Acquired: 12/23/2024 15:08:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401652	-.009007	.2632828	.0186186	.0209520	41.45703	.3964863
Stddev	.0021924	.001530	.0058293	.0039111	.0041236	.24720	.0011839
%RSD	5.458450	16.98786	2.214097	21.00621	19.68098	.5962750	.2985882
#1	.0393786	-.008404	.2687902	.0229487	.0213686	41.74132	.3977813
#2	.0426424	-.010747	.2571776	.0175646	.0166360	41.29270	.3954597
#3	.0384747	-.007870	.2638805	.0153426	.0248515	41.33707	.3962178

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046504	.0022092	547.2288	.0971208	.0827129	.1386178	97.83961
Stddev	.0001275	.0000601	2.3987	.0003451	.0002201	.0090332	.50364
%RSD	2.741855	2.722002	.4383432	.3553404	.2660506	6.516587	.5147629
#1	.0045032	.0022611	549.9700	.0970724	.0829320	.1288387	98.40458
#2	.0047241	.0022231	546.2022	.0974876	.0827147	.1403650	97.43768
#3	.0047240	.0021433	545.5143	.0968024	.0824919	.1466498	97.67659

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.709253	165.6885	.1389636	.0113648	.0785736	.1320381	.3385397
Stddev	.012451	.8302	.0008425	.0005961	.3945080	.0029904	.0163770
%RSD	.4595830	.5010335	.6062715	5.244941	502.0875	2.264790	4.837528
#1	2.720426	166.6453	.1398494	.0110395	.5336311	.1354810	.3212085
#2	2.695830	165.2602	.1381723	.0120527	-.130829	.1300886	.3406534
#3	2.711504	165.1599	.1388691	.0110021	-.167082	.1305446	.3537571

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817348	2.122965	.0297802	.0208368	9.323190	6.898028	.0334333
Stddev	.068126	.003149	.0025937	.0003083	.006563	.043728	.0014513
%RSD	1.414181	.1483254	8.709617	1.479466	.0703977	.6339171	4.340877
#1	4.741978	2.119457	.0316752	.0208507	9.316495	6.930905	.0349841
#2	4.874543	2.123894	.0268242	.0211380	9.323463	6.914778	.0332077
#3	4.835523	2.125546	.0308413	.0205219	9.329613	6.848401	.0321080

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-06DLX2 Acquired: 12/23/2024 15:08:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8446866	1.594024	.0661601
Stddev	.0081405	.006781	.0020569
%RSD	.9637362	.4253856	3.109027
#1	.8537753	1.601254	.0639605
#2	.8380650	1.593010	.0680359
#3	.8422195	1.587807	.0664839

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.421	26867.61	2251.442	1763.581	1651.196
Stddev	5.138	91.86	16.578	10.856	3.375
%RSD	.2496226	.3418996	.7363222	.6155586	.2043974
#1	2053.588	26765.27	2235.849	1751.273	1648.040
#2	2063.818	26942.95	2249.624	1767.681	1654.754
#3	2057.857	26894.60	2268.854	1771.790	1650.795

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-17DLX5 Acquired: 12/23/2024 15:11:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567554	-.175448	1.420011	.2329077	.0952291	9.578620	.1548260
Stddev	.0069248	.004915	.002689	.0041844	.0014851	.037760	.0009056
%RSD	12.20118	2.801418	.1893781	1.796584	1.559455	.3942124	.5848874
#1	.0589673	-.169928	1.417301	.2377306	.0939924	9.621468	.1556637
#2	.0623040	-.177067	1.422678	.2302442	.0948187	9.564187	.1538652
#3	.0489948	-.179350	1.420055	.2307483	.0968762	9.550205	.1549491

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080878	.0125558	139.6329	1.252607	.0518852	.0816227	444.3348
Stddev	.0000200	.0001977	1.1053	.002557	.0004777	.0027486	2.9354
%RSD	.2469386	1.574780	.7915996	.2041744	.9207532	3.367459	.6606318
#1	.0080854	.0123993	140.9009	1.255521	.0519855	.0830949	447.6945
#2	.0081089	.0127781	139.1244	1.251564	.0523049	.0784515	443.0435
#3	.0080691	.0124901	138.8733	1.250735	.0513653	.0833215	442.2664

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.76173	21.94341	.4654375	.0208030	-.145524	.2126545	4.019313
Stddev	.12542	.12392	.0012792	.0007550	.739531	.0074712	.036713
%RSD	.6346637	.5647324	.2748353	3.629131	508.1856	3.513331	.9134181
#1	19.90414	22.08163	.4650990	.0206001	-.307385	.2189590	4.053290
#2	19.71338	21.84223	.4668519	.0216388	.661532	.2044023	4.024280
#3	19.66769	21.90637	.4643617	.0201703	-.790717	.2146021	3.980369

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.038886	1.897070	-.009492	.0249231	1.213727	2.174855	.0526410
Stddev	.048650	.008894	.002002	.0006229	.004056	.005371	.0008626
%RSD	125.1118	.4688135	21.09308	2.499176	.3342054	.2469571	1.638724
#1	-.093796	1.887949	-.011718	.0242493	1.213801	2.179964	.0535327
#2	-.021701	1.905718	-.008923	.0250424	1.217746	2.175346	.0518107
#3	-.001159	1.897541	-.007837	.0254777	1.209634	2.169256	.0525797

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-17DLX5 Acquired: 12/23/2024 15:11:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9520485	-.297050	.0648387
Stddev	.0091588	.002222	.0072589
%RSD	.9620123	.7480221	11.19525
#1	.9613736	-.299615	.0729723
#2	.9430656	-.295712	.0625254
#3	.9517065	-.295823	.0590185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.270	26399.04	2152.628	1739.994	1813.680
Stddev	6.486	176.47	15.407	14.737	6.646
%RSD	.3199178	.6684631	.7157472	.8469544	.3664451
#1	2034.564	26219.97	2136.513	1728.747	1819.608
#2	2022.153	26404.37	2154.157	1734.558	1806.495
#3	2025.092	26572.79	2167.214	1756.677	1814.936

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-19DLX2 Acquired: 12/23/2024 15:15:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0911012	-.212715	1.748930	.2790690	.1236056	38.66287	.5244850
Stddev	.0034162	.005470	.001466	.0077616	.0045475	.05899	.0003947
%RSD	3.749930	2.571625	.0838262	2.781239	3.679061	.1525635	.0752507
#1	.0942118	-.215482	1.747897	.2781405	.1203523	38.72653	.5248208
#2	.0874450	-.216249	1.748286	.2872530	.1216627	38.65201	.5245839
#3	.0916468	-.206414	1.750608	.2718134	.1288019	38.61007	.5240502

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126768	.0197000	340.7263	1.623918	.0818104	.1928078	545.0382
Stddev	.0001039	.0000441	.6920	.006177	.0009151	.0053633	.4695
%RSD	.8194668	.2240231	.2030895	.3804072	1.118531	2.781679	.0861345
#1	.0126663	.0196643	340.5044	1.620557	.0808207	.1917668	545.4922
#2	.0127856	.0196864	341.5020	1.631047	.0819849	.1986152	544.5547
#3	.0125786	.0197493	340.1724	1.620149	.0826257	.1880413	545.0678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.00630	55.39403	.6902394	.0242803	1.070197	.2875560	6.771159
Stddev	.04463	.14280	.0025340	.0020175	.373615	.0049934	.024847
%RSD	.2230696	.2577805	.3671207	8.309299	34.91083	1.736505	.3669584
#1	20.04883	55.45340	.6931223	.0252196	.726698	.2848057	6.798974
#2	20.01025	55.23113	.6883642	.0219644	1.467988	.2845424	6.763347
#3	19.95983	55.49756	.6892319	.0256570	1.015906	.2933199	6.751157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.127317	3.346313	.0407908	.0370933	5.400600	5.898293	.0848035
Stddev	.096973	.012036	.0052567	.0005395	.009088	.008505	.0034370
%RSD	1.891302	.3596725	12.88695	1.454589	.1682830	.1441869	4.052929
#1	5.069425	3.339463	.0419911	.0366313	5.403878	5.889640	.0868396
#2	5.239270	3.339266	.0453435	.0369622	5.390327	5.898599	.0808353
#3	5.073256	3.360211	.0350377	.0376863	5.407594	5.906641	.0867358

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5233-19DLX2 Acquired: 12/23/2024 15:15:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.431042	.2168574	.0590920
Stddev	.005094	.0030334	.0067101
%RSD	.3559392	1.398780	11.35529
#1	1.429142	.2139412	.0569528
#2	1.436812	.2199957	.0537124
#3	1.427171	.2166351	.0666109

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2045.733	26662.05	2244.333	1744.728	1750.976
Stddev	2.716	75.27	6.475	9.032	2.907
%RSD	.1327635	.2823253	.2885037	.5176551	.1660228
#1	2043.073	26632.81	2237.360	1734.328	1747.625
#2	2045.626	26605.78	2250.156	1750.609	1752.815
#3	2048.502	26747.56	2245.481	1749.245	1752.488

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5037-12DLX2 Acquired: 12/23/2024 15:29:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188634	-.004027	.0621240	.0110028	.0140137	32.96734	.3569716
Stddev	.0045072	.004283	.0029956	.0006734	.0024245	.14936	.0011917
%RSD	23.89380	106.3450	4.822045	6.119964	17.30069	.4530666	.3338253
#1	.0219915	.000731	.0655584	.0116305	.0147708	32.81831	.3559918
#2	.0136972	-.005238	.0600500	.0110863	.0113010	33.11704	.3582981
#3	.0209016	-.007574	.0607635	.0102916	.0159692	32.96667	.3566248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029983	.0016549	445.7581	.0533893	.0729311	.0574128	79.49569
Stddev	.0000763	.0000442	1.6411	.0008547	.0007677	.0026989	.36547
%RSD	2.544143	2.672831	.3681628	1.600870	1.052569	4.700849	.4597363
#1	.0029269	.0016875	445.3806	.0533571	.0734490	.0551589	79.24077
#2	.0029892	.0016726	447.5550	.0525511	.0720492	.0566759	79.91441
#3	.0030787	.0016045	444.3386	.0542596	.0732952	.0604036	79.33190

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.810866	62.58761	.0856332	.0011348	-1.25217	.0703549	.1990824
Stddev	.015849	.41985	.0002530	.0011219	.65355	.0088637	.0190997
%RSD	.8752423	.6708215	.2954394	98.85935	52.19353	12.59849	9.593880
#1	1.795790	62.44009	.0856709	.0023793	-1.31027	.0715657	.1878157
#2	1.827390	63.06131	.0858651	.0002009	-.57151	.0785509	.2211352
#3	1.809420	62.26142	.0853634	.0008244	-1.87473	.0609481	.1882964

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.996817	3.327001	-.001460	.0033984	.8066062	5.270851	.0163056
Stddev	.153326	.003574	.001273	.0005005	.0050569	.012923	.0003137
%RSD	7.678526	.1074213	87.15459	14.72604	.6269329	.2451791	1.923573
#1	1.941195	3.331031	-.002831	.0028619	.8026696	5.285772	.0166669
#2	1.879065	3.324215	-.000316	.0038526	.8048395	5.263555	.0161464
#3	2.170191	3.325757	-.001234	.0034807	.8123094	5.263225	.0161035

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5037-12DLX2 Acquired: 12/23/2024 15:29:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK75 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5153909	.2768400	.0761942
Stddev	.0064741	.0009085	.0033084
%RSD	1.256154	.3281815	4.342022
#1	.5111499	.2774161	.0746604
#2	.5228429	.2773113	.0739311
#3	.5121800	.2757927	.0799911

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.052	26909.98	2260.721	1764.538	1680.224
Stddev	2.252	108.60	5.139	5.933	2.589
%RSD	.1086115	.4035602	.2273342	.3362214	.1540618
#1	2070.456	27032.96	2265.251	1770.445	1677.240
#2	2074.470	26869.69	2255.136	1758.580	1681.861
#3	2074.230	26827.28	2261.776	1764.588	1681.572

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5037-20DLX2 Acquired: 12/23/2024 15:33:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0267489	.0094735	.1812382	.0017300	.0135034	24.79956	.1427899
Stddev	.0031958	.0009258	.0031869	.0032960	.0017096	.09950	.0005253
%RSD	11.94732	9.772530	1.758408	190.5232	12.66056	.4012008	.3678954
#1	.0304374	.0105322	.1782683	.0037626	.0149520	24.68803	.1422188
#2	.0248093	.0090721	.1808414	.0035002	.0116176	24.87921	.1432524
#3	.0249999	.0088161	.1846049	-.002073	.0139404	24.83143	.1428987

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022970	.0022401	629.2614	.0407779	.0801947	.2152272	68.91455
Stddev	.0000824	.0001476	2.4539	.0010261	.0004647	.0070688	.33670
%RSD	3.587439	6.587456	.3899581	2.516396	.5794489	3.284343	.4885813
#1	.0022589	.0022298	626.8470	.0417944	.0802358	.2233606	68.58337
#2	.0023915	.0023926	631.7529	.0397424	.0806374	.2117553	68.90375
#3	.0022405	.0020980	629.1843	.0407968	.0797108	.2105657	69.25652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.521039	83.19612	.0776823	.0011469	-.853488	.0581245	.2661666
Stddev	.029205	.67269	.0006112	.0010381	.557059	.0071449	.0179917
%RSD	.5289706	.8085555	.7868213	90.51079	65.26850	12.29250	6.759543
#1	5.492620	82.66683	.0769896	.0001421	-1.32790	.0533965	.2839543
#2	5.550970	83.95310	.0781457	.0022153	-.99246	.0663438	.2665678
#3	5.519526	82.96842	.0779116	.0010834	-.24010	.0546331	.2479778

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.939867	5.052917	.0085980	.0040785	.6813906	4.834214	.0160406
Stddev	.197113	.004868	.0012847	.0008735	.0045213	.027897	.0012388
%RSD	5.003048	.0963440	14.94141	21.41649	.6635326	.5770769	7.723049
#1	3.761318	5.049653	.0078467	.0047103	.6846222	4.829907	.0169864
#2	3.906895	5.058513	.0078660	.0044434	.6762238	4.864014	.0146383
#3	4.151387	5.050587	.0100814	.0030817	.6833256	4.808721	.0164972

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5037-20DLX2 Acquired: 12/23/2024 15:33:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4875103	.4468275	.0552302
Stddev	.0043246	.0027574	.0044499
%RSD	.8870759	.6170986	8.056949
#1	.4898188	.4444417	.0563611
#2	.4825213	.4498463	.0503240
#3	.4901908	.4461944	.0590055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2136.853	27872.23	2348.170	1828.121	1653.077
Stddev	6.381	35.59	14.523	3.807	1.995
%RSD	.2986205	.1276843	.6184620	.2082474	.1206765
#1	2130.102	27893.22	2358.502	1832.273	1651.388
#2	2142.786	27831.13	2331.566	1827.298	1655.278
#3	2137.670	27892.32	2354.443	1824.793	1652.565

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5028-01DLX2 Acquired: 12/23/2024 15:37:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163755	.0226201	.4181767	-.006794	.0060534	16.36175	.2403742
Stddev	.0030667	.0038375	.0015784	.002093	.0043102	.02843	.0021464
%RSD	18.72738	16.96490	.3774384	30.80842	71.20254	.1737635	.8929566
#1	.0190132	.0268771	.4179704	-.007395	.0093765	16.37380	.2381453
#2	.0130105	.0215569	.4198481	-.008521	.0011832	16.32927	.2405498
#3	.0171027	.0194263	.4167117	-.004466	.0076005	16.38216	.2424274

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018859	.0022983	595.1550	.0353136	.0620658	.0708749	50.60425
Stddev	.0001097	.0000814	.6956	.0015574	.0004708	.0066744	.05483
%RSD	5.817574	3.540576	.1168833	4.410080	.7585565	9.417151	.1083409
#1	.0017652	.0023370	595.5423	.0360766	.0616329	.0672553	50.57857
#2	.0019797	.0023531	594.3519	.0363423	.0625670	.0785772	50.56697
#3	.0019128	.0022048	595.5708	.0335218	.0619976	.0667922	50.66720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.021823	285.0778	.0436538	.0024640	-.936904	.0501545	.4580016
Stddev	.010651	.3151	.0001932	.0002753	.028913	.0047297	.0038952
%RSD	.2648198	.1105363	.4425496	11.17167	3.086019	9.430159	.8504668
#1	4.015845	285.3390	.0436047	.0027800	-.968545	.0552391	.4538488
#2	4.034120	284.7278	.0438668	.0023355	-.911858	.0458861	.4585820
#3	4.015504	285.1665	.0434898	.0022764	-.930308	.0493383	.4615740

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.058842	3.106323	.0436722	.0039673	11.85081	3.745284	.0188528
Stddev	.047472	.010924	.0011926	.0002920	.01824	.027397	.0017354
%RSD	1.169599	.3516758	2.730847	7.359130	.1539159	.7315040	9.205272
#1	4.031274	3.116022	.0424835	.0042243	11.84078	3.776916	.0182137
#2	4.031595	3.108459	.0448687	.0036499	11.87187	3.729049	.0175276
#3	4.113658	3.094489	.0436642	.0040278	11.83979	3.729887	.0208172

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5028-01DLX2 Acquired: 12/23/2024 15:37:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2234811	.2971427	.0277512
Stddev	.0024395	.0017897	.0009298
%RSD	1.091594	.6022985	3.350512
#1	.2241748	.2989757	.0276582
#2	.2207698	.2970526	.0268714
#3	.2254985	.2953997	.0287241

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.187	26142.28	2201.655	1700.952	1612.197
Stddev	5.326	254.44	19.497	14.569	6.505
%RSD	.2668310	.9733037	.8855615	.8565311	.4034971
#1	2001.350	25986.82	2180.076	1689.490	1618.961
#2	1990.711	26004.10	2206.883	1696.018	1605.985
#3	1996.499	26435.92	2218.004	1717.347	1611.646

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5028-02DLX2 Acquired: 12/23/2024 15:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468603	.0009497	.8856487	-.000983	.0150330	29.26238	.5068133
Stddev	.0008729	.0036231	.0025963	.002847	.0030816	.28448	.0052301
%RSD	1.862684	381.5199	.2931467	289.6401	20.49906	.9721581	1.031953
#1	.0478564	-.002907	.8870849	-.002358	.0122802	28.95443	.5014601
#2	.0464955	.001473	.8872096	.002290	.0144566	29.51536	.5119109
#3	.0462290	.004283	.8826517	-.002881	.0183621	29.31735	.5070690

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031350	.0042886	576.3378	.0556746	.0758277	.1380335	77.07323
Stddev	.0001570	.0000899	4.7398	.0002874	.0003059	.0149074	.87395
%RSD	5.007600	2.096609	.8223995	.5161239	.4034302	10.79988	1.133927
#1	.0029582	.0043710	570.9930	.0560056	.0755475	.1232225	76.19925
#2	.0032581	.0043022	580.0302	.0554893	.0757816	.1530356	77.94716
#3	.0031887	.0041927	577.9902	.0555290	.0761541	.1378423	77.07328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.110212	244.1238	.0746664	.0039481	-.305440	.0758214	.8351000
Stddev	.065317	2.3215	.0004474	.0006443	.650099	.0074776	.0212498
%RSD	1.068987	.9509685	.5991563	16.31944	212.8406	9.862073	2.544585
#1	6.045155	241.6793	.0743841	.0040254	-.943778	.0813815	.8345621
#2	6.175787	246.2988	.0744329	.0045503	-.328355	.0673205	.8566136
#3	6.109694	244.3932	.0751822	.0032687	.355815	.0787622	.8141242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.363118	3.430597	.0299642	.0088773	7.825870	4.741508	.0334921
Stddev	.141086	.006014	.0034771	.0001646	.012887	.007060	.0043907
%RSD	3.233604	.1753025	11.60415	1.853813	.1646759	.1489076	13.10964
#1	4.234551	3.435233	.0259553	.0090638	7.828313	4.736328	.0334683
#2	4.340753	3.432757	.0321608	.0087525	7.837361	4.749550	.0291134
#3	4.514051	3.423802	.0317765	.0088157	7.811936	4.738646	.0378947

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5028-02DLX2 Acquired: 12/23/2024 15:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK35 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3528922	.3129170	.0477139
Stddev	.0058608	.0020658	.0017898
%RSD	1.660789	.6601824	3.751057
#1	.3461768	.3105422	.0494755
#2	.3569759	.3139096	.0458972
#3	.3555238	.3142992	.0477692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2049.530	26903.08	2252.208	1761.060	1619.822
Stddev	4.764	76.72	9.873	.659	3.715
%RSD	.2324620	.2851669	.4383497	.0374128	.2293766
#1	2054.385	26989.81	2262.507	1761.742	1623.909
#2	2049.344	26875.36	2242.826	1760.428	1616.647
#3	2044.862	26844.07	2251.290	1761.009	1618.912

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5009-21DLX2 Acquired: 12/23/2024 15:45:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0310893	.0126268	.1105465	-.001562	.0086559	21.36778	.3013883
Stddev	.0023501	.0024541	.0023861	.000658	.0032944	.18578	.0031276
%RSD	7.559181	19.43602	2.158446	42.13528	38.06002	.8694422	1.037745
#1	.0327213	.0104881	.1130234	-.002203	.0121556	21.37010	.3018086
#2	.0283957	.0120859	.1082630	-.000887	.0081972	21.18085	.2980717
#3	.0321509	.0153062	.1103532	-.001597	.0056148	21.55239	.3042845

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023535	.0012433	705.2887	.0366832	.0751149	.1029151	62.69448
Stddev	.0000265	.0001656	6.7271	.0007661	.0005477	.0082124	.57114
%RSD	1.126138	13.31689	.9538131	2.088346	.7291705	7.979751	.9109966
#1	.0023838	.0013846	705.4105	.0369968	.0757319	.0946580	62.96031
#2	.0023424	.0010611	698.5014	.0372427	.0749267	.1030053	62.03887
#3	.0023344	.0012842	711.9541	.0358101	.0746861	.1110820	63.08426

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.183012	92.43127	.0532260	.0042685	-1.03467	.0574682	.2689804
Stddev	.067017	1.05816	.0003406	.0005343	.39304	.0052067	.0135159
%RSD	1.083887	1.144808	.6399547	12.51823	37.98642	9.060220	5.024860
#1	6.187272	92.67607	.0536191	.0048106	-.99210	.0604376	.2539500
#2	6.113967	91.27217	.0530198	.0042528	-.66466	.0514561	.2728561
#3	6.247798	93.34558	.0530390	.0037422	-1.44726	.0605108	.2801350

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.395309	3.541662	.0253063	.0039375	2.426365	5.491851	.0163962
Stddev	.026654	.006051	.0010752	.0002398	.012521	.057148	.0018291
%RSD	.6064168	.1708521	4.248641	6.090600	.5160221	1.040600	11.15559
#1	4.366551	3.538583	.0240851	.0036610	2.430326	5.534987	.0180429
#2	4.419183	3.548633	.0257232	.0040893	2.412343	5.427035	.0167182
#3	4.400193	3.537770	.0261106	.0040621	2.436426	5.513530	.0144275

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5009-21DLX2 Acquired: 12/23/2024 15:45:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3423601	.5687549	.0446350
Stddev	.0031724	.0043384	.0028208
%RSD	.9266406	.7627919	6.319644
#1	.3428046	.5677076	.0475171
#2	.3389888	.5650360	.0418798
#3	.3452868	.5735211	.0445080

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2102.691	27479.27	2293.514	1790.876	1644.412
Stddev	1.176	167.77	22.062	10.262	2.893
%RSD	.0559499	.6105182	.9619311	.5730008	.1759165
#1	2103.208	27286.61	2276.678	1780.986	1646.584
#2	2103.520	27593.08	2318.489	1801.473	1641.128
#3	2101.344	27558.13	2285.374	1790.167	1645.523

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4984-08DLX5 Acquired: 12/23/2024 15:49:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004934	.0231649	.0946688	-.025313	.0026818	3.392508	.0334925
Stddev	.004728	.0040558	.0007924	.001597	.0016974	.036293	.0004745
%RSD	95.83581	17.50856	.8369832	6.310103	63.29431	1.069789	1.416592
#1	-.007796	.0266570	.0943428	-.023471	.0009908	3.379910	.0329918
#2	.000524	.0241213	.0955722	-.026322	.0043856	3.433422	.0335500
#3	-.007530	.0187163	.0940914	-.026145	.0026688	3.364194	.0339355

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005715	.0017217	351.3308	.0110466	.0415777	.0158378	19.94774
Stddev	.0000794	.0000971	1.0137	.0001583	.0008655	.0029046	.04502
%RSD	13.88542	5.637897	.2885245	1.433396	2.081647	18.33981	.2256688
#1	.0005368	.0017737	350.4365	.0111633	.0410641	.0191918	19.99912
#2	.0006623	.0016097	352.4319	.0111102	.0410920	.0141434	19.92882
#3	.0005154	.0017817	351.1239	.0108663	.0425769	.0141784	19.91527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.139994	201.9476	.0144007	-.000318	-1.07556	.0170438	.3597119
Stddev	.006967	.8276	.0004961	.001266	.74918	.0070971	.0187595
%RSD	.3255789	.4098286	3.444652	398.4051	69.65513	41.64012	5.215141
#1	2.136269	202.2441	.0141631	-.000461	-.98607	.0208170	.3382365
#2	2.148032	202.5861	.0149709	.001014	-1.86546	.0088572	.3679951
#3	2.135681	201.0125	.0140681	-.001505	-.37514	.0214573	.3729040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.110425	.5803411	.0170862	.0032693	3.737683	1.639552	.0067370
Stddev	.145241	.0062533	.0006441	.0003656	.032497	.009381	.0017241
%RSD	13.07973	1.077522	3.769684	11.18366	.8694382	.5721584	25.59164
#1	.957261	.5732729	.0169329	.0036190	3.705625	1.630879	.0047546
#2	1.127844	.5851536	.0177931	.0028896	3.736822	1.649509	.0078865
#3	1.246172	.5825967	.0165325	.0032994	3.770602	1.638269	.0075700

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4984-08DLX5 Acquired: 12/23/2024 15:49:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0393104	.0940777	.0112296
Stddev	.0019203	.0004765	.0017569
%RSD	4.884967	.5064540	15.64483
#1	.0373880	.0935322	.0114577
#2	.0412286	.0944124	.0093699
#3	.0393147	.0942885	.0128614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.657	25740.75	2136.820	1682.692	1663.240
Stddev	15.363	87.30	19.484	9.842	12.681
%RSD	.7827578	.3391393	.9118135	.5849181	.7624233
#1	1979.414	25664.88	2149.641	1674.893	1677.624
#2	1949.238	25721.21	2114.399	1679.432	1653.676
#3	1959.317	25836.16	2146.420	1693.751	1658.421

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4983-20DLX5 Acquired: 12/23/2024 15:53:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005135	.0312685	.0422828	-.030817	.0014044	4.067683	.0481763
Stddev	.001956	.0046109	.0007382	.002536	.0042751	.013986	.0023402
%RSD	38.08330	14.74631	1.745814	8.228557	304.4156	.3438391	4.857589
#1	-.004524	.0259926	.0422413	-.030477	.0063251	4.083668	.0490037
#2	-.007323	.0332862	.0430409	-.033506	-.001397	4.061684	.0455347
#3	-.003558	.0345266	.0415663	-.028469	-.000715	4.057698	.0499903

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004490	.0006282	654.1922	.0078547	.0485784	.0321812	15.58177
Stddev	.0001616	.0000550	.9367	.0003466	.0001804	.0025583	.05397
%RSD	35.99084	8.749609	.1431807	4.412664	.3714398	7.949646	.3463869
#1	.0003949	.0006462	655.2725	.0074716	.0487620	.0297716	15.63890
#2	.0006307	.0005665	653.6069	.0079459	.0484013	.0348659	15.53164
#3	.0003214	.0006720	653.6971	.0081465	.0485718	.0319061	15.57475

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.952326	43.51719	.0131892	-.000461	-.965114	.0119867	.1031453
Stddev	.007419	.08663	.0002793	.000777	.577729	.0062541	.0013329
%RSD	.2512962	.1990813	2.117350	168.4451	59.86125	52.17527	1.292225
#1	2.949557	43.54618	.0128709	-.001065	-.970746	.0056472	.1036453
#2	2.946690	43.41977	.0133931	-.000733	-1.54001	.0121611	.1041558
#3	2.960731	43.58561	.0133035	.000415	-.38459	.0181518	.1016347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3624774	.6679291	.0076609	.0025518	.8024161	1.898233	.0084816
Stddev	.0244771	.0036219	.0017353	.0003469	.0008384	.012595	.0005433
%RSD	6.752715	.5422535	22.65145	13.59217	.1044900	.6635205	6.405015
#1	.3883974	.6702652	.0067384	.0029081	.8018462	1.912684	.0087176
#2	.3397583	.6697652	.0096626	.0025322	.8033788	1.892429	.0078603
#3	.3592763	.6637569	.0065817	.0022152	.8020232	1.889587	.0088670

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4983-20DLX5 Acquired: 12/23/2024 15:53:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0495131	.4773864	.0099081
Stddev	.0053356	.0013887	.0042008
%RSD	10.77609	.2908990	42.39708
#1	.0483483	.4786581	.0141706
#2	.0448562	.4759046	.0097820
#3	.0553349	.4775966	.0057719

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.607	25749.77	2140.505	1675.822	1658.423
Stddev	3.393	74.80	14.102	9.853	.776
%RSD	.1723413	.2904823	.6588053	.5879222	.0467787
#1	1964.733	25727.50	2124.432	1686.148	1657.541
#2	1970.040	25688.63	2146.287	1666.524	1659.001
#3	1971.048	25833.17	2150.798	1674.794	1658.727

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV002 Acquired: 12/23/2024 15:57:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.061502	4.899265	24.97157	4.987082	4.940864	405.5304	10.23573
Stddev	.025083	.024881	.17605	.038422	.029250	3.4500	.06766
%RSD	.4955560	.5078509	.7049918	.7704388	.5919927	.8507463	.6610630
#1	5.039703	4.870760	24.76846	4.943029	4.907875	401.5573	10.15768
#2	5.055888	4.910412	25.06577	5.004554	4.951086	407.7693	10.27792
#3	5.088916	4.916624	25.08047	5.013664	4.963630	407.2646	10.27158

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5105178	2.502524	410.2599	15.60108	2.510902	15.25956	416.1910
Stddev	.0041844	.015879	2.5778	.00562	.017865	.10823	3.0072
%RSD	.8196326	.6345308	.6283296	.0360546	.7114905	.7092520	.7225453
#1	.5070475	2.484230	407.2911	15.60163	2.490338	15.13483	412.7187
#2	.5151644	2.510604	411.5580	15.60642	2.522595	15.31529	417.9389
#3	.5093416	2.512738	411.9306	15.59521	2.519773	15.32857	417.9155

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19655	411.6973	2.537109	1.305591	412.0913	2.559870	15.31654
Stddev	.12310	3.3915	.014989	.003268	.6536	.033993	.13515
%RSD	.8100589	.8237775	.5907773	.2503405	.1586165	1.327930	.8823784
#1	15.05810	407.9145	2.519810	1.303786	411.3460	2.521181	15.20609
#2	15.29366	414.4661	2.545285	1.309364	412.3602	2.573476	15.27627
#3	15.23789	412.7113	2.546232	1.303623	412.5675	2.584952	15.46724

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.7266	5.046465	4.888562	4.927000	5.010294	4.813658	5.051284
Stddev	1.4771	.041757	.051462	.032940	.041263	.046623	.030427
%RSD	.9608886	.8274552	1.052708	.6685578	.8235653	.9685543	.6023690
#1	152.0270	4.998291	4.836405	4.889950	4.962658	4.775421	5.016192
#2	154.7008	5.068784	4.939300	4.938076	5.033237	4.865597	5.067323
#3	154.4520	5.072320	4.889981	4.952975	5.034987	4.799957	5.070336

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV002 Acquired: 12/23/2024 15:57:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV002 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.019106	4.788957	5.134688
Stddev	.032055	.031375	.034863
%RSD	.6386611	.6551428	.6789654
#1	4.982170	4.752747	5.094432
#2	5.039661	4.808063	5.154604
#3	5.035487	4.806061	5.155026

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1764.042	24166.14	2093.303	1511.083	1541.178
Stddev	8.956	100.61	9.815	5.816	8.250
%RSD	.5076974	.4163227	.4688556	.3848831	.5353081
#1	1774.342	24128.66	2103.215	1515.747	1550.538
#2	1759.696	24280.11	2083.589	1512.934	1534.962
#3	1758.088	24089.65	2093.103	1504.566	1538.035

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB002 Acquired: 12/23/2024 16:10:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005214	-.002804	-.001236	.0060497	-.000822	.0317602
Stddev	.000649	.001197	.001660	.0022278	.002024	.0167543
%RSD	12.44632	42.67198	134.3278	36.82538	246.0323	52.75258
#1	-.005498	-.002068	.000368	.0036139	-.003046	.0399975
#2	-.005672	-.004185	-.002947	.0065510	.000911	.0124818
#3	-.004471	-.002160	-.001128	.0079841	-.000332	.0428013

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001339	.0001989	.0001321	.0178254	-.001020	.0001203
Stddev	.000135	.0001218	.0000411	.0113203	.001149	.0000819
%RSD	10.08905	61.22026	31.11125	63.50642	112.6440	68.06381
#1	-.001352	.0001129	.0000973	.0198928	-.000381	.0002012
#2	-.001467	.0003382	.0001775	.0279695	-.000333	.0000375
#3	-.001198	.0001456	.0001217	.0056139	-.002346	.0001222

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002941	.0262826	.0022393	.0647686	.0006934	.0007293
Stddev	.008780	.0646474	.0011820	.0359613	.0005680	.0005379
%RSD	298.4879	245.9700	52.78194	55.52276	81.92185	73.75392
#1	-.009071	-.008160	.0016978	.1055329	.0012498	.0006121
#2	-.006870	-.013851	.0035950	.0375365	.0001144	.0002597
#3	.007117	.100859	.0014252	.0512364	.0007158	.0013162

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.861025	.0024722	.0035927	-.095416	-.000577	-.003280
Stddev	.870854	.0098272	.0103203	.132710	.002718	.003127
%RSD	101.1416	397.5135	287.2564	139.0853	471.1086	95.35714
#1	-1.18358	-.004513	.0123356	-.016407	-.001425	-.006045
#2	-1.52458	.013709	-.007792	-.248632	.002464	.000114
#3	.12509	-.001780	.006234	-.021210	-.002770	-.003908

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB002 Acquired: 12/23/2024 16:10:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB002 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006665	-.006644	-.075099	.0002908	-.002364	.0002221
Stddev	.0002604	.007360	.000301	.0002049	.000720	.0001038
%RSD	39.07541	110.7791	.4013442	70.45988	30.47799	46.70800
#1	.0009448	-.000775	-.074779	.0003066	-.003074	.0002659
#2	.0006260	-.004255	-.075377	.0004873	-.001633	.0002968
#3	.0004287	-.014902	-.075142	.0000784	-.002384	.0001037

Elem	Li6707
Units	ppm
Avg	F .0150740
Stddev	.0008735
%RSD	5.794380
#1	.0142623
#2	.0159982
#3	.0149616

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2028.530	26477.48	2132.566	1743.862	1837.385
Stddev	.217	130.99	7.592	9.920	2.984
%RSD	.0106911	.4947061	.3559882	.5688783	.1624095
#1	2028.639	26485.50	2137.420	1748.676	1839.874
#2	2028.670	26604.27	2136.461	1750.456	1834.077
#3	2028.280	26342.66	2123.818	1732.453	1838.203

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-07DLX2 Acquired: 12/23/2024 16:14:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284620	.0042006	.0996210	.0027436	.0136285	21.85918	.3232399
Stddev	.0032811	.0045708	.0009909	.0028909	.0021512	.07911	.0018717
%RSD	11.52788	108.8145	.9946495	105.3656	15.78443	.3619152	.5790460
#1	.0267303	.0012868	.0984968	-.000324	.0125104	21.82864	.3253638
#2	.0322461	.0018463	.1003675	.005417	.0122667	21.94901	.3225247
#3	.0264095	.0094686	.0999987	.003138	.0161085	21.79990	.3218313

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024458	.0016976	483.1678	.0355096	.0699030	.1456843	71.01772
Stddev	.0001159	.0001744	.9245	.0013996	.0001786	.0063226	.26476
%RSD	4.739154	10.27115	.1913429	3.941324	.2554999	4.339944	.3728110
#1	.0025612	.0015150	483.1808	.0338990	.0701004	.1444618	70.71270
#2	.0024468	.0018624	484.0858	.0364301	.0698560	.1525290	71.15237
#3	.0023294	.0017154	482.2369	.0361995	.0697525	.1400623	71.18810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.139241	99.98588	.0585420	.0027369	-.749720	.0623934	.2163983
Stddev	.018898	.67862	.0007635	.0009630	.457078	.0028459	.0048901
%RSD	.4565454	.6787192	1.304238	35.18416	60.96654	4.561162	2.259782
#1	4.120033	99.23654	.0588113	.0016635	-.227953	.0614649	.2111857
#2	4.157812	100.5590	.0576803	.0035248	-.941756	.0601277	.2208848
#3	4.139880	100.1621	.0591343	.0030225	-1.07945	.0655875	.2171242

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.359786	3.831682	.0147508	.0035776	1.002381	5.361440	.0151970
Stddev	.147253	.010958	.0019807	.0001464	.002208	.032980	.0007239
%RSD	4.382805	.2859720	13.42803	4.091326	.2202551	.6151312	4.763717
#1	3.289083	3.825213	.0146076	.0034399	1.004108	5.396509	.0143709
#2	3.261218	3.825500	.0167992	.0035615	1.003143	5.356764	.0157210
#3	3.529056	3.844334	.0128455	.0037313	.999894	5.331048	.0154990

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-07DLX2 Acquired: 12/23/2024 16:14:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6829972	.3930667	.0453415
Stddev	.0122013	.0012200	.0012268
%RSD	1.786432	.3103769	2.705622
#1	.6964332	.3939612	.0445812
#2	.6799500	.3935619	.0446866
#3	.6726082	.3916770	.0467568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2192.107	28755.36	2398.793	1879.894	1708.314
Stddev	5.398	154.95	14.867	13.991	2.768
%RSD	.2462604	.5388610	.6197791	.7442360	.1620279
#1	2185.881	28907.79	2382.080	1885.638	1705.120
#2	2194.965	28598.01	2403.754	1863.946	1709.810
#3	2195.476	28760.27	2410.545	1890.100	1710.012

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-08DLX2 Acquired: 12/23/2024 16:18:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0322509	.0032954	.0987396	.0042298	.0113530	22.16409	.3282991
Stddev	.0039795	.0005150	.0019602	.0011560	.0056097	.07545	.0022535
%RSD	12.33915	15.62672	1.985242	27.32997	49.41141	.3404272	.6864026
#1	.0361771	.0029609	.1008625	.0052661	.0177827	22.24067	.3290748
#2	.0323554	.0030369	.0969981	.0044402	.0074580	22.08982	.3257603
#3	.0282202	.0038884	.0983581	.0029830	.0088182	22.16178	.3300623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024883	.0016442	489.7892	.0357826	.0719836	.1391883	72.15277
Stddev	.0000878	.0000448	2.6685	.0001703	.0001441	.0012188	.32644
%RSD	3.528450	2.727889	.5448302	.4759151	.2002016	.8756616	.4524299
#1	.0025541	.0015940	492.4362	.0358272	.0718189	.1403478	72.41282
#2	.0025222	.0016585	489.8319	.0355944	.0720865	.1379178	72.25906
#3	.0023886	.0016802	487.0997	.0359261	.0720455	.1392994	71.78643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.209847	101.8578	.0592873	.0023248	-1.00241	.0589461	.2349280
Stddev	.024214	.5308	.0010220	.0000955	.66207	.0047271	.0097593
%RSD	.5751832	.5211129	1.723880	4.107497	66.04764	8.019303	4.154175
#1	4.234407	102.1663	.0581301	.0022278	-.42257	.0595786	.2298732
#2	4.209140	102.1621	.0596652	.0023279	-1.72381	.0539345	.2461779
#3	4.185994	101.2449	.0600666	.0024187	-.86085	.0633250	.2287329

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.477463	3.913771	.0165987	.0030531	1.018662	5.405328	.0138068
Stddev	.076988	.009243	.0051727	.0001513	.001300	.077188	.0009397
%RSD	2.213916	.2361590	31.16307	4.955342	.1276240	1.427992	6.806020
#1	3.564185	3.904536	.0222112	.0031951	1.019942	5.475551	.0127929
#2	3.417172	3.913754	.0120230	.0030702	1.017343	5.417750	.0146485
#3	3.451033	3.923021	.0155618	.0028940	1.018700	5.322683	.0139791

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-08DLX2 Acquired: 12/23/2024 16:18:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6849268	.3979761	.0466362
Stddev	.0050469	.0031962	.0051408
%RSD	.7368470	.8031038	11.02320
#1	.6903775	.4011389	.0437016
#2	.6804159	.3980418	.0525722
#3	.6839868	.3947476	.0436349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.610	28312.61	2366.731	1849.690	1673.916
Stddev	2.788	37.12	26.451	7.457	4.996
%RSD	.1294769	.1311100	1.117617	.4031278	.2984446
#1	2156.439	28305.24	2343.241	1845.258	1678.289
#2	2153.528	28352.87	2361.570	1845.512	1674.988
#3	2150.864	28279.74	2395.382	1858.298	1668.472

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-07LDLX10 Acquired: 12/23/2024 16:21:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004573	.0179097	.0252990	-.016129	.0039052	4.776188	.0681277
Stddev	.001619	.0025234	.0013827	.008844	.0040828	.026250	.0009337
%RSD	35.39457	14.08935	5.465549	54.83611	104.5483	.5495998	1.370456
#1	-.005110	.0168246	.0252149	-.026313	-.000377	4.793808	.0686612
#2	-.002754	.0207942	.0267219	-.010374	.007754	4.788736	.0686723
#3	-.005855	.0161105	.0239603	-.011700	.004339	4.746019	.0670497

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006242	.0002591	106.6016	.0068141	.0343526	.0281447	15.86352
Stddev	.0000364	.0000425	.1591	.0010690	.0007435	.0062553	.04184
%RSD	5.832975	16.40513	.1492680	15.68763	2.164409	22.22554	.2637357
#1	.0006228	.0002247	106.6146	.0076523	.0347173	.0267725	15.81607
#2	.0005885	.0003066	106.7538	.0071797	.0334971	.0226894	15.87939
#3	.0006613	.0002460	106.4364	.0056103	.0348434	.0349722	15.89509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9265396	22.46782	.0108530	.0006561	-.688947	.0203117	.0530476
Stddev	.0032421	.10227	.0003861	.0000811	.638038	.0082817	.0103898
%RSD	.3499129	.4551669	3.557661	12.36155	92.61071	40.77319	19.58578
#1	.9300144	22.49289	.0111235	.0006987	-.155771	.0167402	.0413562
#2	.9235958	22.35535	.0104108	.0005626	-1.39586	.0297798	.0565627
#3	.9260085	22.55523	.0110248	.0007070	-.51521	.0144149	.0612238

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4238861	.7438014	.0012507	.0029254	.2082101	1.164588	.0038115
Stddev	.1304924	.0063761	.0025047	.0003506	.0062002	.008381	.0010104
%RSD	30.78478	.8572343	200.2649	11.98416	2.977875	.7196949	26.50891
#1	.5715776	.7495537	-.000349	.0028873	.2153603	1.168807	.0048478
#2	.3241814	.7369455	-.000036	.0032935	.2049499	1.154935	.0037575
#3	.3758992	.7449050	.004137	.0025954	.2043201	1.170022	.0028292

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-07LDLX10 Acquired: 12/23/2024 16:21:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1483325	.0853950	.0103239
Stddev	.0023435	.0003033	.0008943
%RSD	1.579894	.3551279	8.662536
#1	.1478736	.0852697	.0106461
#2	.1462523	.0857409	.0093132
#3	.1508714	.0851745	.0110125

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.812	27157.06	2215.861	1786.295	1802.150
Stddev	10.540	89.32	19.023	11.650	10.237
%RSD	.5082320	.3289183	.8584879	.6521821	.5680468
#1	2062.012	27054.34	2197.276	1773.059	1790.329
#2	2077.135	27216.48	2235.293	1794.991	1808.001
#3	2082.290	27200.36	2215.014	1790.836	1808.119

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-09DLX2 Acquired: 12/23/2024 16:26:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0727572	.0452282	.1141201	.0818997	.0931026	24.03185	2.093733
Stddev	.0040285	.0021335	.0011500	.0008133	.0000691	.20683	.014432
%RSD	5.536859	4.717241	1.007690	.9930847	.0742333	.8606459	.6892751
#1	.0771322	.0445936	.1131005	.0828387	.0931304	23.81025	2.078684
#2	.0719382	.0434840	.1138931	.0814456	.0930239	24.21978	2.107455
#3	.0692011	.0476070	.1153666	.0814148	.0931536	24.06552	2.095059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474865	.0496811	482.3594	.2221336	.5399411	.3560184	71.87935
Stddev	.0002444	.0001172	2.5379	.0006354	.0015479	.0022996	.41629
%RSD	.5146223	.2358532	.5261485	.2860471	.2866761	.6459317	.5791570
#1	.0474711	.0495994	479.4732	.2225004	.5415352	.3533637	71.40685
#2	.0477382	.0496285	484.2421	.2225004	.5384440	.3573980	72.19214
#3	.0472502	.0498153	483.3631	.2213999	.5398442	.3572936	72.03905

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.582487	100.3670	.5438631	.0345403	-.739294	.5134417	.6437337
Stddev	.036691	.9641	.0011036	.0002689	.513837	.0173974	.0060992
%RSD	.8006828	.9605324	.2029106	.7786395	69.50378	3.388383	.9474771
#1	4.540522	99.3078	.5444361	.0347565	-.382079	.5000446	.6493063
#2	4.608510	101.1933	.5425909	.0342391	-.507625	.5071766	.6372178
#3	4.598430	100.5998	.5445623	.0346253	-1.32818	.5331039	.6446770

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.483210	3.855071	.0151044	.0028704	1.000903	5.771222	.0138711
Stddev	.107777	.009648	.0024996	.0003366	.005204	.029261	.0014169
%RSD	3.094178	.2502562	16.54889	11.72561	.5199042	.5070157	10.21498
#1	3.551845	3.860322	.0139516	.0025000	1.004349	5.778979	.0130204
#2	3.538796	3.860954	.0133892	.0029539	1.003442	5.795822	.0130862
#3	3.358988	3.843937	.0179724	.0031574	.994917	5.738864	.0155068

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-09DLX2 Acquired: 12/23/2024 16:26:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7021624	.3907131	.0438329
Stddev	.0063198	.0014870	.0041187
%RSD	.9000449	.3805837	9.396418
#1	.6961035	.3890081	.0467368
#2	.7016695	.3917414	.0456427
#3	.7087142	.3913897	.0391191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2182.621	28657.01	2394.483	1870.379	1694.721
Stddev	5.619	80.31	10.743	.744	2.730
%RSD	.2574534	.2802478	.4486514	.0397674	.1611057
#1	2179.063	28638.78	2392.364	1870.975	1691.726
#2	2189.099	28587.38	2384.958	1869.545	1697.071
#3	2179.702	28744.87	2406.128	1870.616	1695.367

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-16DLX2 Acquired: 12/23/2024 16:29:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283264	-.000631	.1108515	.0126707	.0169476	23.56466	.2942591
Stddev	.0017278	.003689	.0017858	.0033106	.0056175	.03466	.0009652
%RSD	6.099720	584.2709	1.611011	26.12820	33.14619	.1470842	.3279984
#1	.0264761	.003302	.1121109	.0096060	.0210414	23.58602	.2949029
#2	.0298978	-.001180	.1088077	.0122241	.0192580	23.58330	.2947249
#3	.0286052	-.004016	.1116358	.0161819	.0105433	23.52467	.2931493

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030781	.0013843	526.5025	.0390683	.0709183	.0911562	87.63542
Stddev	.0000889	.0000505	1.6423	.0007268	.0008461	.0021142	.10983
%RSD	2.887070	3.644818	.3119313	1.860366	1.193010	2.319341	.1253278
#1	.0030684	.0014226	528.3204	.0382560	.0718156	.0900675	87.74169
#2	.0029945	.0014032	526.0610	.0396571	.0701351	.0935929	87.64223
#3	.0031715	.0013271	525.1260	.0392917	.0708043	.0898081	87.52235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.697793	238.2402	.0577228	.0035725	-.589211	.0836824	.3433279
Stddev	.007218	.6465	.0009597	.0002206	.630902	.0093237	.0028883
%RSD	.1952072	.2713588	1.662526	6.175934	107.0757	11.14182	.8412714
#1	3.705893	238.9607	.0579875	.0038260	-1.12375	.0809385	.3400202
#2	3.692043	237.7111	.0585222	.0034240	-.75058	.0940702	.3446123
#3	3.695442	238.0487	.0566585	.0034675	.10670	.0760385	.3453513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.929945	3.606482	.0189812	.0040694	.9178695	5.712012	.0165653
Stddev	.071865	.006626	.0024011	.0004620	.0041557	.012182	.0018779
%RSD	2.452791	.1837298	12.64992	11.35240	.4527573	.2132687	11.33627
#1	2.951065	3.613145	.0167987	.0042222	.9150356	5.725810	.0185404
#2	2.849886	3.599893	.0215532	.0035503	.9159328	5.702746	.0163526
#3	2.988884	3.606407	.0185916	.0044355	.9226400	5.707479	.0148028

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-16DLX2 Acquired: 12/23/2024 16:29:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKL8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3363689	.1813580	.0468555
Stddev	.0004485	.0006347	.0034431
%RSD	.1333386	.3499715	7.348430
#1	.3360970	.1820842	.0429857
#2	.3368866	.1810803	.0495803
#3	.3361231	.1809094	.0480004

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2158.235	28262.32	2368.034	1845.029	1678.282
Stddev	7.133	87.02	12.035	5.788	5.040
%RSD	.3304952	.3078925	.5082412	.3137182	.3003346
#1	2154.644	28239.64	2354.137	1839.762	1672.848
#2	2153.611	28188.89	2374.984	1844.098	1679.191
#3	2166.450	28358.43	2374.981	1851.226	1682.805

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-01DLX4 Acquired: 12/23/2024 16:33:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2612144	-.133731	.1278111	.1853724	.0626960	54.39113	.8458765
Stddev	.0039434	.003118	.0007845	.0024162	.0035519	.27432	.0060197
%RSD	1.509657	2.331243	.6138101	1.303444	5.665233	.5043386	.7116486
#1	.2583783	-.135208	.1279584	.1863195	.0585984	54.63645	.8520120
#2	.2657176	-.135835	.1269634	.1826261	.0648960	54.44201	.8456377
#3	.2595473	-.130149	.1285115	.1871716	.0645937	54.09494	.8399798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059447	.0024989	22.52062	.1335551	.1196720	.1832151	319.8103
Stddev	.0000824	.0001314	.07477	.0008170	.0008795	.0033892	1.1317
%RSD	1.386105	5.259915	.3320069	.6117063	.7349168	1.849848	.3538712
#1	.0060358	.0024089	22.59433	.1328456	.1190639	.1793320	320.9031
#2	.0058753	.0024381	22.52270	.1344483	.1192716	.1847346	319.8846
#3	.0059228	.0026498	22.44483	.1333714	.1206804	.1855786	318.6433

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.60374	33.80252	.1202556	.0118167	-.878976	.3559816	.3436356
Stddev	.08162	.14295	.0008965	.0007034	.528021	.0083500	.0054810
%RSD	.4636311	.4228996	.7454727	5.952364	60.07226	2.345639	1.594999
#1	17.69316	33.91086	.1195824	.0124660	-1.20523	.3636090	.3384452
#2	17.58479	33.64050	.1212732	.0110695	-.26978	.3572757	.3430947
#3	17.53326	33.85619	.1199112	.0119146	-1.16192	.3470600	.3493670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.074464	2.595960	-.052552	-.000069	.2021095	2.538028	.0257577
Stddev	.175401	.005530	.002621	.000161	.0060684	.020082	.0018118
%RSD	2.172299	.2130407	4.988322	232.2024	3.002509	.7912306	7.033988
#1	8.275386	2.590592	-.055256	-.000244	.1951457	2.550899	.0237858
#2	7.996109	2.595649	-.050022	.000073	.2049177	2.548297	.0261386
#3	7.951899	2.601639	-.052376	-.000037	.2062651	2.514888	.0273489

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-01DLX4 Acquired: 12/23/2024 16:33:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYW9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5620164	-.184522	.0534683
Stddev	.0052233	.000599	.0021718
%RSD	.9293853	.3244110	4.061940
#1	.5680474	-.185169	.0554426
#2	.5589442	-.184410	.0511419
#3	.5590577	-.183988	.0538202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.655	28058.93	2285.119	1854.031	1868.857
Stddev	4.354	152.40	29.200	15.109	2.196
%RSD	.2014081	.5431406	1.277850	.8149426	.1175030
#1	2156.714	27994.12	2270.230	1838.228	1866.711
#2	2163.324	27949.65	2266.363	1855.529	1871.100
#3	2164.928	28233.02	2318.763	1868.335	1868.761

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-03DLX4 Acquired: 12/23/2024 16:37:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3684136	-.130532	.1173124	.1790445	.0618933	71.36608	1.188434
Stddev	.0047431	.000610	.0010879	.0040255	.0021061	.10988	.002089
%RSD	1.287430	.4672985	.9273529	2.248310	3.402762	.1539737	.1757514
#1	.3629446	-.131129	.1176056	.1750247	.0621363	71.34457	1.190389
#2	.3708943	-.130557	.1161079	.1790331	.0638674	71.26854	1.186233
#3	.3714018	-.129910	.1182236	.1830756	.0596763	71.48513	1.188680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056599	.0027002	20.38726	.2432190	.1502870	.3436109	306.5915
Stddev	.0000575	.0001610	.04295	.0010421	.0007687	.0066431	.2719
%RSD	1.015450	5.964134	.2106804	.4284732	.5115116	1.933331	.0886734
#1	.0056466	.0026274	20.43009	.2436303	.1494598	.3508322	306.5296
#2	.0056102	.0028847	20.38752	.2439927	.1504215	.3377595	306.3559
#3	.0057228	.0025883	20.34418	.2420340	.1509795	.3422410	306.8890

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.62396	48.67022	.1753824	.0100385	-.228645	.5403198	.2929230
Stddev	.04464	.18162	.0003311	.0004807	.258600	.0043518	.0149439
%RSD	.2532750	.3731583	.1888043	4.788089	113.1014	.8054138	5.101646
#1	17.57589	48.60261	.1750090	.0101577	-.442800	.5385234	.2924962
#2	17.63188	48.53211	.1754981	.0104483	.058647	.5371537	.3080757
#3	17.66410	48.87595	.1756403	.0095094	-.301781	.5452822	.2781970

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.301398	2.006593	-.057653	-.000151	.1804981	2.885376	.0248911
Stddev	.039398	.002834	.003515	.000214	.0038117	.020035	.0022271
%RSD	.4235742	.1412127	6.097181	141.9101	2.111744	.6943497	8.947351
#1	9.293670	2.009797	-.054366	-.000224	.1845021	2.890052	.0231984
#2	9.344088	2.005564	-.057234	-.000318	.1800789	2.863418	.0274140
#3	9.266436	2.004418	-.061359	.000090	.1769134	2.902660	.0240607

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-03DLX4 Acquired: 12/23/2024 16:37:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7105369	-.170852	.0609448
Stddev	.0079630	.000413	.0031500
%RSD	1.120705	.2417045	5.168572
#1	.7137693	-.170550	.0576394
#2	.7014659	-.171322	.0612829
#3	.7163754	-.170683	.0639121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2138.273	27681.83	2262.610	1831.689	1832.524
Stddev	1.997	94.78	14.754	6.068	2.374
%RSD	.0933754	.3423765	.6520787	.3312524	.1295531
#1	2137.686	27681.77	2255.862	1825.467	1835.265
#2	2136.635	27587.09	2279.532	1832.011	1831.169
#3	2140.497	27776.64	2252.437	1837.589	1831.137

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-04DLX5 Acquired: 12/23/2024 16:41:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1244900	-.119189	.1971117	.1736406	.0608865	27.48356	1.217853
Stddev	.0062969	.002388	.0011972	.0011248	.0030191	.10816	.005244
%RSD	5.058141	2.003443	.6073880	.6477977	4.958621	.3935620	.4305774
#1	.1175095	-.117820	.1959788	.1726645	.0587829	27.60839	1.223500
#2	.1297425	-.121946	.1969920	.1733866	.0643459	27.42495	1.216921
#3	.1262180	-.117801	.1983642	.1748707	.0595307	27.41736	1.213138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045475	.0036008	15.46486	.0597382	.0993300	.2382965	293.4298
Stddev	.0002470	.0000547	.07642	.0007572	.0004393	.0018634	1.0742
%RSD	5.430440	1.519992	.4941673	1.267538	.4422837	.7819589	.3660870
#1	.0046783	.0035439	15.55310	.0605962	.0988396	.2362218	294.0715
#2	.0042627	.0036056	15.41979	.0594549	.0996877	.2388401	294.0282
#3	.0047015	.0036530	15.42169	.0591636	.0994626	.2398277	292.1897

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.63119	16.94451	.0714074	.0433326	-.376543	.1457444	.4347215
Stddev	.07841	.16125	.0006938	.0015208	.217153	.0018157	.0164692
%RSD	.3624679	.9516441	.9716151	3.509629	57.67003	1.245817	3.788445
#1	21.71495	16.93767	.0721897	.0420406	-.563031	.1478410	.4513907
#2	21.61906	16.78679	.0711659	.0450086	-.428462	.1446840	.4184599
#3	21.55955	17.10908	.0708667	.0429486	-.138137	.1447083	.4343140

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.152403	1.797810	-.061936	-.000750	.2043205	1.577892	.0226679
Stddev	.124578	.006225	.004769	.000354	.0050718	.010416	.0008753
%RSD	1.741765	.3462531	7.699764	47.26282	2.482289	.6600907	3.861510
#1	7.023888	1.803839	-.067435	-.000437	.1985607	1.583004	.0220339
#2	7.272631	1.791406	-.058943	-.000677	.2081178	1.565908	.0236666
#3	7.160689	1.798186	-.059429	-.001135	.2062831	1.584764	.0223033

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-04DLX5 Acquired: 12/23/2024 16:41:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3994755	-.172553	.0348150
Stddev	.0043761	.001446	.0025443
%RSD	1.095462	.8380483	7.308097
#1	.4006122	-.173050	.0324043
#2	.3946433	-.173685	.0374747
#3	.4031712	-.170924	.0345661

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2128.047	27536.73	2227.524	1818.539	1883.058
Stddev	4.897	54.36	12.292	5.029	4.614
%RSD	.2301209	.1974209	.5518167	.2765214	.2450008
#1	2133.647	27522.36	2217.222	1821.491	1888.075
#2	2125.922	27491.00	2241.130	1821.394	1882.099
#3	2124.571	27596.84	2224.219	1812.733	1878.999

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-05DLX8 Acquired: 12/23/2024 16:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1727602	-.064109	.0908377	.0934835	.0311365	27.56073	.5781977
Stddev	.0017545	.006830	.0008186	.0032748	.0017452	.28713	.0067827
%RSD	1.015553	10.65384	.9011547	3.503032	5.605054	1.041791	1.173080
#1	.1744279	-.070721	.0914036	.0902859	.0331516	27.60324	.5809773
#2	.1729225	-.064525	.0898991	.0968303	.0301202	27.82422	.5831490
#3	.1709302	-.057080	.0912104	.0933342	.0301375	27.25471	.5704667

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025967	.0019653	10.65234	.0816324	.0634173	.1726193	152.3868
Stddev	.0001414	.0000850	.12073	.0006477	.0003848	.0040469	1.7292
%RSD	5.446026	4.323841	1.133334	.7933877	.6067205	2.344389	1.134712
#1	.0027059	.0019480	10.76816	.0821592	.0634567	.1679985	152.9943
#2	.0024370	.0018903	10.66162	.0818288	.0637809	.1755323	153.7302
#3	.0026472	.0020576	10.52724	.0809093	.0630144	.1743272	150.4359

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.32144	18.61084	.0719617	.0054263	-.719999	.1943084	.1598083
Stddev	.09723	.23206	.0010056	.0005148	.758926	.0152989	.0165327
%RSD	.9420454	1.246884	1.397358	9.487354	105.4066	7.873506	10.34531
#1	10.35666	18.80943	.0714921	.0049504	-.832899	.2076506	.1788863
#2	10.39616	18.66733	.0712769	.0059728	-1.41615	.1976646	.1508623
#3	10.21151	18.35575	.0731162	.0053559	.08905	.1776101	.1496763

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.435059	.8831737	-.029875	.0012313	.1492220	1.511695	.0121970
Stddev	.050047	.0039190	.002348	.0000715	.0008950	.020893	.0009355
%RSD	2.055258	.4437427	7.858124	5.806133	.5997978	1.382077	7.670076
#1	2.414148	.8787241	-.028684	.0013048	.1490050	1.512574	.0120530
#2	2.398859	.8861123	-.032580	.0012270	.1484554	1.532134	.0113419
#3	2.492170	.8846846	-.028362	.0011620	.1502055	1.490376	.0131962

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-05DLX8 Acquired: 12/23/2024 16:45:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3397215	-.081704	.0263092
Stddev	.0024942	.001227	.0036552
%RSD	.7341967	1.501269	13.89312
#1	.3376484	-.081962	.0221169
#2	.3424895	-.082780	.0279826
#3	.3390264	-.080368	.0288280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2115.768	27412.43	2248.225	1810.742	1868.404
Stddev	3.450	114.95	30.708	18.153	2.686
%RSD	.1630641	.4193501	1.365876	1.002508	.1437507
#1	2112.942	27317.33	2242.983	1790.054	1865.592
#2	2119.613	27379.77	2220.476	1818.163	1870.942
#3	2114.750	27540.17	2281.217	1824.008	1868.679

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-06DLX8 Acquired: 12/23/2024 16:49:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1338164	-.069488	.0795642	.0983636	.0340737	27.34383	.6591959
Stddev	.0070003	.001799	.0009183	.0029191	.0018525	.14453	.0037951
%RSD	5.231312	2.588435	1.154112	2.967667	5.436795	.5285622	.5757165
#1	.1305250	-.069944	.0785640	.0971598	.0323117	27.29023	.6578629
#2	.1290683	-.071014	.0797593	.1016921	.0339043	27.50750	.6634776
#3	.1418558	-.067505	.0803692	.0962389	.0360051	27.23375	.6562471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029002	.0015044	8.359636	.0713879	.0603482	.1518770	168.2251
Stddev	.0002388	.0000150	.039949	.0005351	.0002782	.0051163	.6889
%RSD	8.234285	.9946625	.4778815	.7496136	.4609070	3.368707	.4095280
#1	.0029672	.0015088	8.397528	.0717970	.0600707	.1558434	167.8995
#2	.0026350	.0015166	8.317906	.0715845	.0606269	.1461021	169.0165
#3	.0030984	.0014877	8.363474	.0707823	.0603469	.1536856	167.7593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.53022	18.95879	.0627185	.0053574	-.467783	.2044779	.1992833
Stddev	.03659	.16073	.0002392	.0008506	.812001	.0044193	.0081915
%RSD	.3173152	.8478084	.3813435	15.87745	173.5847	2.161251	4.110485
#1	11.52923	18.92655	.0625452	.0043911	.000885	.2040409	.1898333
#2	11.56730	19.13321	.0629914	.0056879	.001166	.2090994	.2036547
#3	11.49414	18.81663	.0626190	.0059932	-1.40540	.2002933	.2043618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.362809	1.043820	-.032875	-.000401	.0522989	1.057526	.0117763
Stddev	.105281	.002612	.002223	.000453	.0019033	.002805	.0005899
%RSD	1.963172	.2502733	6.761804	112.8759	3.639180	.2652083	5.008993
#1	5.484213	1.041447	-.030310	-.000604	.0505792	1.057446	.0124574
#2	5.307585	1.046619	-.034240	.000118	.0543438	1.054762	.0114255
#3	5.296630	1.043394	-.034076	-.000717	.0519737	1.060369	.0114461

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-06DLX8 Acquired: 12/23/2024 16:49:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3293643	-.110852	.0278099
Stddev	.0057244	.000414	.0051803
%RSD	1.738017	.3736351	18.62733
#1	.3308278	-.110799	.0325249
#2	.3342148	-.111291	.0222647
#3	.3230502	-.110467	.0286401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2098.390	27320.37	2208.407	1805.975	1853.427
Stddev	2.692	98.55	2.844	3.848	3.622
%RSD	.1283003	.3607021	.1287806	.2130844	.1954330
#1	2095.570	27425.79	2209.004	1810.109	1851.449
#2	2098.666	27230.57	2205.312	1802.497	1851.225
#3	2100.934	27304.76	2210.906	1805.319	1857.608

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-07DLX8 Acquired: 12/23/2024 16:53:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0808820	-.080155	.1149807	.1179792	.0381783	17.32849	.4943321
Stddev	.0016256	.004411	.0023504	.0056538	.0010023	.88167	.0260633
%RSD	2.009848	5.503242	2.044139	4.792223	2.625184	5.087980	5.272422
#1	.0827390	-.084822	.1144704	.1232028	.0393337	18.20871	.5213368
#2	.0801912	-.079588	.1129273	.1119761	.0375433	16.44537	.4693253
#3	.0797160	-.076055	.1175442	.1187588	.0376580	17.33140	.4923340

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031631	.0017696	9.169349	.0303136	.0610327	.1433330	189.8767
Stddev	.0002695	.0001672	.428010	.0003541	.0003952	.0062347	9.0312
%RSD	8.521060	9.446994	4.667838	1.168042	.6475695	4.349816	4.756349
#1	.0034736	.0015927	9.611473	.0299259	.0609653	.1503724	199.2999
#2	.0029897	.0017911	8.757008	.0306198	.0614573	.1385067	181.2967
#3	.0030259	.0019249	9.139567	.0303952	.0606756	.1411199	189.0335

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.86184	9.727909	.0428747	.0078409	-1.81959	.0805264	.2043424
Stddev	.59104	.467250	.0009073	.0005817	.93038	.0146651	.0184524
%RSD	4.982741	4.803187	2.116188	7.419348	51.13120	18.21159	9.030135
#1	12.48547	10.15088	.0433781	.0081961	-.94048	.0924947	.1830357
#2	11.30993	9.22635	.0434187	.0071695	-2.79391	.0641675	.2150909
#3	11.79012	9.80650	.0418273	.0081570	-1.72436	.0849170	.2149006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.653189	1.092703	-.033682	-.000362	.1301649	.9565983	.0147130
Stddev	.316516	.002103	.003919	.000600	.0039938	.0415864	.0022047
%RSD	11.92965	.1924812	11.63473	165.8674	3.068265	4.347325	14.98490
#1	2.970510	1.090360	-.029259	-.000921	.1259266	1.001483	.0168568
#2	2.337484	1.093320	-.036721	.000271	.1338582	.919376	.0148303
#3	2.651572	1.094429	-.035065	-.000435	.1307098	.948936	.0124520

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-07DLX8 Acquired: 12/23/2024 16:53:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1460185	-.133099	.0246778
Stddev	.0102487	.005850	.0064275
%RSD	7.018765	4.395180	26.04563
#1	.1571537	-.139070	.0303381
#2	.1369807	-.127378	.0176903
#3	.1439212	-.132850	.0260049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2092.215	27242.88	2179.648	1806.287	1860.934
Stddev	5.625	82.31	81.259	6.322	6.763
%RSD	.2688561	.3021213	3.728059	.3500008	.3634265
#1	2087.512	27259.58	2090.574	1799.036	1855.491
#2	2098.446	27153.50	2249.726	1809.185	1868.505
#3	2090.687	27315.55	2198.643	1810.641	1858.805

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-08DLX8 Acquired: 12/23/2024 16:57:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1214305	-.062212	.0787288	.0948772	.0296667	27.96856	.5096963
Stddev	.0043938	.002473	.0009439	.0049579	.0029277	.09803	.0032500
%RSD	3.618352	3.974871	1.198893	5.225614	9.868720	.3505163	.6376356
#1	.1166113	-.059363	.0795205	.0892379	.0330464	27.85584	.5084820
#2	.1252138	-.063799	.0789818	.0985508	.0280498	28.01594	.5133786
#3	.1224663	-.063475	.0776843	.0968431	.0279041	28.03391	.5072283

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027222	.0012656	10.30301	.0666501	.0617868	.1279810	157.1514
Stddev	.0001342	.0000621	.02291	.0004009	.0004947	.0012020	.4547
%RSD	4.930522	4.909271	.2223756	.6014722	.8006788	.9391834	.2893405
#1	.0026325	.0011954	10.29411	.0662762	.0612202	.1289174	156.6863
#2	.0026576	.0013136	10.32904	.0666009	.0620073	.1284000	157.5949
#3	.0028765	.0012877	10.28589	.0670734	.0621330	.1266256	157.1729

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.48573	18.03338	.0616511	.0045555	-.787005	.1706052	.2043660
Stddev	.03450	.08704	.0002442	.0007762	.881106	.0066887	.0042138
%RSD	.3290578	.4826730	.3961214	17.03968	111.9568	3.920585	2.061881
#1	10.44900	17.97678	.0619280	.0042911	-1.40117	.1640261	.2066180
#2	10.51746	17.98975	.0614665	.0054294	.22254	.1703912	.1995047
#3	10.49074	18.13361	.0615587	.0039460	-1.18238	.1773984	.2069753

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.602760	1.127083	-.029900	-.000231	.1402103	1.293490	.0126086
Stddev	.079865	.003813	.006469	.000238	.0087205	.004246	.0020289
%RSD	1.735145	.3382994	21.63462	103.0010	6.219582	.3282759	16.09119
#1	4.622118	1.130143	-.028759	-.000309	.1431092	1.293277	.0129990
#2	4.671165	1.122812	-.024078	-.000420	.1304095	1.289353	.0144138
#3	4.514995	1.128294	-.036864	.000036	.1471120	1.297838	.0104128

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-08DLX8 Acquired: 12/23/2024 16:57:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3604452	-.089599	.0279636
Stddev	.0043570	.000821	.0013883
%RSD	1.208777	.9160866	4.964675
#1	.3644887	-.088679	.0269091
#2	.3610159	-.090257	.0295365
#3	.3558310	-.089862	.0274451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.757	27301.83	2213.829	1806.323	1864.888
Stddev	8.569	81.62	14.059	5.649	6.767
%RSD	.4059773	.2989574	.6350646	.3127417	.3628598
#1	2100.863	27237.83	2211.190	1801.793	1857.099
#2	2115.624	27393.75	2229.020	1812.653	1869.323
#3	2115.785	27273.92	2201.276	1804.524	1868.243

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-09DLX8 Acquired: 12/23/2024 17:01:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0679677	-.079278	.0903220	.1128582	.0400173	19.09742	.5494827
Stddev	.0027153	.003745	.0008835	.0064350	.0004436	.06832	.0017801
%RSD	3.995002	4.723519	.9781842	5.701805	1.108493	.3577270	.3239530
#1	.0710732	-.077766	.0909215	.1188588	.0400978	19.02103	.5495020
#2	.0667889	-.083542	.0893073	.1060627	.0404151	19.11857	.5476930
#3	.0660409	-.076526	.0907370	.1136530	.0395390	19.15266	.5512530

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032363	.0013669	9.591860	.0319174	.0594046	.0939794	189.3162
Stddev	.0001213	.0001173	.039620	.0010779	.0004906	.0035032	.4859
%RSD	3.747326	8.579208	.4130598	3.377109	.8258274	3.727608	.2566729
#1	.0031023	.0014591	9.605252	.0306773	.0595497	.0899823	189.3012
#2	.0032683	.0014066	9.547280	.0326297	.0588579	.0965162	188.8380
#3	.0033385	.0012349	9.623049	.0324451	.0598063	.0954396	189.8095

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84537	11.45370	.0454767	.0070553	-1.00402	.0797815	.2176015
Stddev	.02587	.09283	.0004033	.0015651	.65543	.0074571	.0036271
%RSD	.2384896	.8104400	.8867159	22.18296	65.28115	9.346921	1.666831
#1	10.81928	11.34680	.0451599	.0076969	-1.21359	.0854905	.2183836
#2	10.84583	11.51382	.0453396	.0081977	-.26943	.0825095	.2207737
#3	10.87100	11.50050	.0459306	.0052714	-1.52904	.0713445	.2136472

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.859870	1.066586	-.039715	-.000313	.0980994	1.042594	.0130365
Stddev	.211577	.002361	.007038	.000349	.0019207	.002586	.0003372
%RSD	4.353559	.2213300	17.72043	111.5754	1.957956	.2480301	2.586840
#1	4.621614	1.063984	-.034522	-.000582	.0991498	1.043513	.0134174
#2	5.025799	1.068591	-.047725	.000082	.0992660	1.044595	.0127761
#3	4.932198	1.067182	-.036897	-.000439	.0958826	1.039674	.0129159

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-09DLX8 Acquired: 12/23/2024 17:01:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3062632	-.129388	.0255977
Stddev	.0039898	.000645	.0025480
%RSD	1.302732	.4983927	9.953841
#1	.3017159	-.129322	.0235798
#2	.3078965	-.128779	.0284609
#3	.3091771	-.130064	.0247525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.682	27373.60	2214.943	1806.069	1874.644
Stddev	6.975	77.83	7.013	15.695	6.219
%RSD	.3307760	.2843358	.3166430	.8690362	.3317429
#1	2103.261	27456.64	2222.949	1806.188	1870.188
#2	2106.234	27361.84	2211.996	1821.705	1871.996
#3	2116.551	27302.31	2209.883	1790.315	1881.749

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-10DLX10 Acquired: 12/23/2024 17:05:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734615	-.061408	.1146291	.0897823	.0257612	14.40760	.7965419
Stddev	.0028255	.001039	.0005781	.0017497	.0011327	.02295	.0021756
%RSD	3.846261	1.691599	.5043512	1.948852	4.396783	.1592701	.2731301
#1	.0764455	-.060661	.1147779	.0896957	.0270018	14.39253	.7989032
#2	.0731120	-.060969	.1151183	.0915738	.0247823	14.43401	.7961036
#3	.0708270	-.062594	.1139911	.0880775	.0254995	14.39626	.7946188

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021555	.0017530	6.781638	.0331413	.0483335	.1625546	143.5123
Stddev	.0001401	.0000556	.025049	.0002834	.0000567	.0038139	.3684
%RSD	6.502177	3.173383	.3693600	.8552261	.1172099	2.346232	.2566889
#1	.0021125	.0017567	6.807290	.0328843	.0482880	.1667604	143.1179
#2	.0023121	.0016956	6.780384	.0334453	.0483155	.1615828	143.8474
#3	.0020419	.0018067	6.757240	.0330942	.0483970	.1593206	143.5718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.65582	9.702485	.0403853	.0067543	-1.35788	.0858879	.1991685
Stddev	.02175	.034280	.0007222	.0002500	.34073	.0029893	.0103043
%RSD	.2040832	.3533126	1.788182	3.702029	25.09286	3.480488	5.173640
#1	10.63117	9.740960	.0404605	.0065019	-1.07571	.0824713	.1978969
#2	10.67231	9.675193	.0396285	.0070019	-1.26151	.0871705	.2100496
#3	10.66396	9.691301	.0410669	.0067592	-1.73641	.0880219	.1895591

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.768568	.7905719	-.031693	-.000285	.0471137	.6451860	.0090122
Stddev	.055199	.0040664	.003648	.000780	.0041983	.0054542	.0015725
%RSD	1.993766	.5143661	11.51144	273.5009	8.911003	.8453621	17.44841
#1	2.799820	.7862651	-.034672	.000566	.0453110	.6489522	.0079001
#2	2.801050	.7911055	-.027624	-.000966	.0519123	.6389314	.0083252
#3	2.704834	.7943453	-.032782	-.000456	.0441178	.6476743	.0108113

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5180-10DLX10 Acquired: 12/23/2024 17:05:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1816231	-.093450	.0182110
Stddev	.0019798	.000169	.0040877
%RSD	1.090063	.1803705	22.44619
#1	.1834869	-.093257	.0159201
#2	.1818376	-.093568	.0229304
#3	.1795447	-.093525	.0157826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.463	27126.05	2200.538	1793.840	1861.005
Stddev	5.911	93.60	11.609	9.849	4.995
%RSD	.2831568	.3450427	.5275430	.5490480	.2683777
#1	2093.813	27038.56	2188.429	1783.687	1865.364
#2	2086.458	27114.85	2211.572	1794.478	1862.096
#3	2082.120	27224.75	2201.614	1803.354	1855.556

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5181-10DLX4 Acquired: 12/23/2024 17:09:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0750166	-.085997	.1097178	.1264466	.0422131	34.17853	.6450045
Stddev	.0018881	.001271	.0018304	.0036097	.0021424	.23090	.0025368
%RSD	2.516910	1.477975	1.668254	2.854693	5.075154	.6755780	.3933038
#1	.0759375	-.084568	.1081803	.1257551	.0439071	34.02920	.6429670
#2	.0762676	-.086423	.1092305	.1232328	.0398048	34.06192	.6442007
#3	.0728448	-.087000	.1117425	.1303520	.0429274	34.44449	.6478459

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035129	.0015836	15.13341	.0538030	.0889977	.1405305	210.6339
Stddev	.0000324	.0000218	.09456	.0006966	.0010246	.0062274	.7431
%RSD	.9226171	1.375021	.6248567	1.294660	1.151263	4.431329	.3528107
#1	.0034885	.0015859	15.04764	.0530616	.0878528	.1380005	209.9534
#2	.0035497	.0015607	15.11777	.0544439	.0893121	.1476247	210.5216
#3	.0035006	.0016041	15.23482	.0539034	.0898283	.1359664	211.4269

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.09411	20.83357	.0650005	.0099781	-1.45490	.1108992	.3648029
Stddev	.08255	.12914	.0003479	.0016164	.47527	.0020006	.0036436
%RSD	.4829249	.6198639	.5351489	16.19974	32.66654	1.803986	.9987887
#1	17.04269	20.90893	.0647790	.0090349	-1.58261	.1111746	.3643010
#2	17.05030	20.68445	.0648211	.0118446	-1.85327	.1087751	.3686714
#3	17.18933	20.90732	.0654015	.0090549	-.92883	.1127478	.3614362

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.506589	1.714550	-.045575	-.001230	.1323273	2.545351	.0140175
Stddev	.087037	.005214	.006843	.000378	.0076657	.008746	.0004918
%RSD	1.580590	.3041263	15.01497	30.73566	5.792999	.3435986	3.508305
#1	5.449548	1.708533	-.042015	-.000793	.1365534	2.535254	.0145817
#2	5.463449	1.717367	-.053464	-.001446	.1369497	2.550248	.0137907
#3	5.606769	1.717751	-.041245	-.001451	.1234786	2.550552	.0136800

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5181-10DLX4 Acquired: 12/23/2024 17:09:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4562823	-.093644	.0468352
Stddev	.0060293	.000313	.0029136
%RSD	1.321397	.3340141	6.220892
#1	.4513905	-.093996	.0501797
#2	.4544382	-.093398	.0448467
#3	.4630183	-.093538	.0454793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2123.695	27496.56	2216.300	1812.718	1866.032
Stddev	1.506	130.62	6.296	3.073	.853
%RSD	.0709320	.4750524	.2840881	.1695475	.0457338
#1	2122.689	27390.32	2217.803	1809.224	1866.768
#2	2125.427	27642.40	2221.709	1815.003	1866.230
#3	2122.970	27456.95	2209.389	1813.928	1865.096

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-20DLX2 Acquired: 12/23/2024 17:13:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6954414	-.196860	.4792039	.2317101	.0941987	199.2449	.4042972
Stddev	.0014519	.002515	.0029620	.0016383	.0014296	.3953	.0019824
%RSD	.2087758	1.277443	.6181107	.7070474	1.517611	.1983838	.4903387
#1	.6969288	-.194270	.4817315	.2306718	.0958417	199.3974	.4059568
#2	.6953677	-.199292	.4799356	.2335987	.0935155	199.5412	.4048328
#3	.6940277	-.197017	.4759446	.2308597	.0932389	198.7961	.4021020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091432	.0176197	37.39181	.8627625	.2867155	2.105859	421.4394
Stddev	.0001749	.0001354	.09150	.0022348	.0009482	.021018	.7425
%RSD	1.913355	.7684253	.2447186	.2590321	.3306988	.9980680	.1761846
#1	.0092684	.0175624	37.37052	.8627652	.2857758	2.119749	421.9232
#2	.0092180	.0175223	37.49208	.8649960	.2876719	2.116150	421.8105
#3	.0089433	.0177743	37.31282	.8605263	.2866988	2.081679	420.5845

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.712818	151.7260	.5239538	.0090086	-.902012	1.145599	1.114674
Stddev	.027132	.3918	.0007208	.0015423	.624398	.012690	.002978
%RSD	.3517747	.2582298	.1375769	17.12040	69.22276	1.107752	.2671212
#1	7.724165	151.2740	.5232796	.0072817	-.635402	1.130996	1.114537
#2	7.732434	151.9683	.5247136	.0094953	-1.61546	1.151854	1.117717
#3	7.681855	151.9357	.5238681	.0102489	-.45518	1.153949	1.111767

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.450128	2.042734	-.085894	-.000519	.3771516	8.257168	.0377393
Stddev	.094076	.002784	.006329	.000851	.0034110	.070375	.0002698
%RSD	3.839625	.1362984	7.368474	164.0211	.9044142	.8522872	.7149501
#1	2.349910	2.045219	-.078619	-.000805	.3755489	8.191958	.0379558
#2	2.463939	2.039725	-.090136	.000438	.3748371	8.331765	.0378250
#3	2.536534	2.043260	-.088926	-.001191	.3810688	8.247780	.0374370

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-20DLX2 Acquired: 12/23/2024 17:13:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.991602	-.315423	.0974277
Stddev	.009527	.000629	.0016568
%RSD	.3184476	.1994316	1.700510
#1	2.998492	-.315883	.0955162
#2	2.995584	-.315680	.0984512
#3	2.980730	-.314706	.0983156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2165.605	28040.49	2330.818	1856.019	1793.109
Stddev	4.156	28.04	10.794	3.702	3.471
%RSD	.1918988	.0999895	.4630799	.1994357	.1935778
#1	2164.937	28027.66	2337.948	1851.860	1792.129
#2	2170.054	28021.17	2318.400	1857.246	1796.964
#3	2161.824	28072.65	2336.107	1858.952	1790.233

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-21DLX2 Acquired: 12/23/2024 17:17:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6943300	-.200631	.4792459	.2369211	.0936122	199.3883	.4051442
Stddev	.0060069	.003282	.0024059	.0041462	.0028427	.2608	.0003919
%RSD	.8651425	1.635862	.5020186	1.750049	3.036655	.1307870	.0967216
#1	.6940472	-.198092	.4789807	.2417085	.0968454	199.6775	.4054316
#2	.6884695	-.204337	.4769836	.2344836	.0915051	199.1712	.4046979
#3	.7004734	-.199463	.4817735	.2345713	.0924862	199.3161	.4053032

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092522	.0178849	38.03537	.8570622	.2854444	2.108289	422.1619
Stddev	.0001464	.0000874	.07076	.0020759	.0003189	.001358	.5294
%RSD	1.582606	.4887710	.1860347	.2422050	.1117031	.0644138	.1253987
#1	.0093558	.0179664	38.05605	.8589161	.2850938	2.109828	422.5986
#2	.0093162	.0177926	38.09349	.8548194	.2855223	2.107257	422.3140
#3	.0090847	.0178959	37.95658	.8574512	.2857170	2.107783	421.5731

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.734838	152.1305	.5251936	.0092437	-.853355	1.153548	1.114304
Stddev	.005648	.3621	.0010215	.0011086	.631948	.016141	.008422
%RSD	.0730213	.2380218	.1944915	11.99304	74.05460	1.399239	.7558410
#1	7.737760	152.5280	.5240338	.0094705	-1.36354	1.161611	1.119206
#2	7.738425	152.0440	.5255876	.0080392	-.14644	1.134964	1.104579
#3	7.728327	151.8195	.5259594	.0102214	-1.05009	1.164069	1.119127

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.680641	2.045144	-.092862	-.000961	.3803747	8.228447	.0385543
Stddev	.225435	.010894	.007131	.000996	.0054394	.121312	.0010341
%RSD	8.409725	.5326938	7.679590	103.6375	1.430021	1.474299	2.682198
#1	2.881683	2.039876	-.100029	-.000933	.3780128	8.361457	.0389183
#2	2.436916	2.037884	-.092791	.000021	.3865959	8.199992	.0373874
#3	2.723325	2.057671	-.085766	-.001970	.3765155	8.123892	.0393572

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-21DLX2 Acquired: 12/23/2024 17:17:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.993035	-.316374	.1007593
Stddev	.005889	.000190	.0020427
%RSD	.1967674	.0601098	2.027309
#1	2.999129	-.316166	.0986642
#2	2.987375	-.316539	.1008685
#3	2.992601	-.316415	.1027452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2161.381	27955.20	2324.495	1858.987	1789.166
Stddev	8.422	29.63	25.122	3.190	5.593
%RSD	.3896638	.1059859	1.080755	.1716173	.3126132
#1	2156.945	27961.49	2295.893	1859.629	1787.778
#2	2171.093	27981.18	2334.603	1855.524	1795.323
#3	2156.103	27922.93	2342.988	1861.807	1784.398

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-20LDLX10 Acquired: 12/23/2024 17:21:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1403471	-.042219	.0962286	.0534637	.0192447	41.26289	.0811405
Stddev	.0020237	.002747	.0008372	.0020790	.0028389	.18579	.0015263
%RSD	1.441937	6.506650	.8700493	3.888546	14.75131	.4502670	1.881058
#1	.1424273	-.039368	.0971676	.0558097	.0211424	41.14210	.0828609
#2	.1402290	-.042441	.0959583	.0527316	.0206107	41.16973	.0799490
#3	.1383850	-.044849	.0955599	.0518498	.0159811	41.47683	.0806117

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019141	.0033163	7.867051	.1787464	.0579384	.4480010	89.07893
Stddev	.0000399	.0000432	.036812	.0006607	.0003059	.0089732	.38434
%RSD	2.084889	1.303106	.4679210	.3696559	.5280546	2.002945	.4314580
#1	.0019181	.0033651	7.861573	.1792131	.0582508	.4583617	89.33451
#2	.0018724	.0033007	7.833285	.1779903	.0579251	.4427212	88.63693
#3	.0019519	.0032830	7.906294	.1790358	.0576394	.4429201	89.26534

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.630126	31.56182	.1055011	.0023790	-.477682	.2405072	.2322672
Stddev	.009829	.04676	.0008935	.0003545	.619741	.0039473	.0125923
%RSD	.6029671	.1481662	.8468699	14.90042	129.7392	1.641243	5.421458
#1	1.631632	31.55593	.1065323	.0020165	-.820656	.2397536	.2381533
#2	1.619630	31.61125	.1050123	.0023956	-.850121	.2369911	.2178098
#3	1.639115	31.51828	.1049586	.0027249	.237731	.2447770	.2408385

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1880743	.3960599	-.024155	-.000180	.0682980	1.710983	.0067111
Stddev	.0700760	.0019443	.002398	.000206	.0045913	.017387	.0036856
%RSD	37.25973	.4909015	9.928303	114.7251	6.722476	1.016224	54.91845
#1	.1538340	.3938419	-.026881	-.000086	.0711165	1.730830	.0106742
#2	.1417017	.3968677	-.023215	-.000037	.0630000	1.703680	.0033864
#3	.2686874	.3974700	-.022369	-.000416	.0707775	1.698438	.0060725

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-20LDLX10 Acquired: 12/23/2024 17:21:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6214004	-.066833	.0222586
Stddev	.0038022	.000646	.0011012
%RSD	.6118816	.9670119	4.947148
#1	.6176953	-.067476	.0230709
#2	.6252928	-.066184	.0210053
#3	.6212133	-.066839	.0226996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2079.273	27276.30	2214.291	1807.198	1845.263
Stddev	1.078	72.24	24.132	4.696	1.665
%RSD	.0518344	.2648450	1.089828	.2598236	.0902235
#1	2080.168	27231.71	2186.808	1802.425	1846.042
#2	2079.574	27237.54	2224.048	1807.356	1846.396
#3	2078.077	27359.64	2232.017	1811.812	1843.351

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-22DLX2 Acquired: 12/23/2024 17:25:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7826231	-.105078	.5134099	.4101163	.2567519	202.0671	4.172040
Stddev	.0088778	.002601	.0049933	.0078938	.0017993	.4195	.008671
%RSD	1.134362	2.474977	.9725776	1.924770	.7007766	.2076215	.2078413
#1	.7725245	-.102228	.5079007	.4016441	.2579647	201.6094	4.162454
#2	.7861466	-.107322	.5176376	.4172643	.2576065	202.4335	4.179337
#3	.7891982	-.105683	.5146912	.4114404	.2546847	202.1583	4.174331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1037165	.1124486	37.82483	1.229664	1.204470	2.556892	423.4686
Stddev	.0006697	.0004839	.19766	.001516	.002626	.009820	1.1756
%RSD	.6456589	.4303244	.5225789	.1233008	.2179959	.3840630	.2776021
#1	.1031837	.1119170	37.73537	1.231219	1.202122	2.560223	422.2802
#2	.1044682	.1125652	38.05141	1.228190	1.203984	2.564614	424.6309
#3	.1034975	.1128635	37.68771	1.229582	1.207305	2.545840	423.4947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.641239	151.8190	1.474048	.0783212	-.545199	2.112856	1.979916
Stddev	.034575	.6333	.001896	.0020547	.314251	.017952	.026904
%RSD	.4001127	.4171419	.1286045	2.623437	57.63970	.8496531	1.358840
#1	8.613975	151.1067	1.471942	.0759675	-.217569	2.108737	1.997926
#2	8.680128	152.0318	1.474583	.0792397	-.573930	2.132509	1.948990
#3	8.629614	152.3185	1.475618	.0797565	-.844099	2.097322	1.992833

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.535564	2.003198	-.103746	-.001009	.3644163	8.455370	.0385475
Stddev	.051639	.002794	.003634	.000408	.0057699	.058200	.0011476
%RSD	2.036596	.1394633	3.503146	40.43049	1.583333	.6883163	2.977171
#1	2.514173	1.999985	-.104837	-.001481	.3634203	8.458971	.0397019
#2	2.498058	2.005048	-.106710	-.000764	.3592093	8.511685	.0374067
#3	2.594462	2.004562	-.099691	-.000784	.3706194	8.395453	.0385340

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5184-22DLX2 Acquired: 12/23/2024 17:25:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.990251	-.318053	.0984763
Stddev	.003277	.001439	.0056976
%RSD	.1096003	.4524727	5.785774
#1	2.988931	-.316516	.0970863
#2	2.993982	-.319368	.0936024
#3	2.987839	-.318276	.1047404

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2170.296	28449.08	2328.519	1879.598	1805.649
Stddev	2.146	96.73	13.696	2.266	.683
%RSD	.0988579	.3399990	.5881895	.1205788	.0378529
#1	2172.710	28337.46	2325.386	1877.343	1806.429
#2	2169.574	28508.33	2316.660	1881.876	1805.153
#3	2168.605	28501.45	2343.510	1879.573	1805.365

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5154-09DLX5 Acquired: 12/23/2024 17:29:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008548	.0260760	.0131877	-.033446	.0001750	1.969984	.0377696
Stddev	.002694	.0055211	.0022567	.002070	.0022788	.028878	.0013360
%RSD	31.51931	21.17306	17.11199	6.188094	1302.558	1.465879	3.537166
#1	-.009346	.0220479	.0120332	-.033834	.0021854	1.939961	.0384687
#2	-.010752	.0323694	.0157880	-.035295	.0006399	1.972432	.0386110
#3	-.005545	.0238107	.0117418	-.031210	-.002300	1.997560	.0362292

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003049	.0000529	344.7415	.0084752	.0387342	.0081387	5.613802
Stddev	.0001055	.0001024	.1701	.0007561	.0008793	.0053020	.029738
%RSD	34.58609	193.6541	.0493528	8.921740	2.270001	65.14528	.5297250
#1	.0001846	-.000058	344.6201	.0088407	.0378772	.0133282	5.641818
#2	.0003813	.000074	344.6686	.0089792	.0386914	.0083569	5.616989
#3	.0003488	.000143	344.9360	.0076058	.0396341	.0027310	5.582599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2012718	196.5844	.0131976	-.000130	-2.03743	.0149904	.0393325
Stddev	.0009585	.4590	.0005080	.000865	.54650	.0040533	.0071826
%RSD	.4762430	.2334973	3.849377	665.2576	26.82284	27.03943	18.26130
#1	.2008880	196.0579	.0126518	-.001126	-2.66393	.0119620	.0467935
#2	.2023628	196.7951	.0132845	.000297	-1.65877	.0134142	.0324651
#3	.2005647	196.9003	.0136566	.000439	-1.78959	.0195951	.0387389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.564093	.1327785	.0038955	.0048353	2.027742	.7085349	.0073012
Stddev	.086098	.0034277	.0023325	.0003688	.017947	.0059231	.0015420
%RSD	15.26299	2.581527	59.87666	7.627120	.8850676	.8359678	21.11906
#1	-.516118	.1299349	.0041597	.0051574	2.007521	.7056437	.0060351
#2	-.663490	.1318161	.0014421	.0049154	2.033929	.7046126	.0090184
#3	-.512671	.1365846	.0060846	.0044330	2.041777	.7153484	.0068503

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5154-09DLX5 Acquired: 12/23/2024 17:29:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0673118	.2690500	.0046572
Stddev	.0046836	.0004047	.0053353
%RSD	6.958075	.1504164	114.5600
#1	.0633571	.2694928	.0016891
#2	.0660944	.2686993	.0108166
#3	.0724839	.2689580	.0014660

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.654	26218.78	2150.411	1710.980	1699.295
Stddev	13.363	137.76	5.454	13.203	14.613
%RSD	.6750140	.5254066	.2536352	.7716818	.8599620
#1	1988.115	26181.19	2156.649	1703.245	1707.265
#2	1986.599	26103.73	2146.540	1703.469	1708.190
#3	1964.249	26371.43	2148.044	1726.225	1682.429

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV003 Acquired: 12/23/2024 17:33:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.031209	4.876313	24.55670	4.919828	4.836937	402.8975	10.19142
Stddev	.019348	.011818	.03609	.003849	.009578	2.1291	.06572
%RSD	.3845601	.2423632	.1469495	.0782373	.1980152	.5284424	.6448955
#1	5.020219	4.862667	24.51742	4.916864	4.847975	400.6052	10.12058
#2	5.019858	4.883041	24.56431	4.918441	4.830829	404.8130	10.25041
#3	5.053549	4.883230	24.58838	4.924178	4.832006	403.2744	10.20327

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5106427	2.465840	412.6283	15.32674	2.444707	15.21692	418.1073
Stddev	.0003608	.001323	1.2762	.01737	.000731	.06519	2.4364
%RSD	.0706593	.0536581	.3092777	.1133330	.0299176	.4283954	.5827225
#1	.5109487	2.464818	411.3390	15.31628	2.444423	15.17352	415.6169
#2	.5102448	2.465368	413.8909	15.31715	2.445538	15.29188	420.4859
#3	.5107346	2.467335	412.6550	15.34679	2.444161	15.18536	418.2191

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19965	412.9929	2.493083	1.298929	410.9113	2.579388	15.38914
Stddev	.08150	3.7268	.005915	.004336	3.4489	.007990	.00904
%RSD	.5362181	.9023784	.2372382	.3338218	.8393329	.3097805	.0587587
#1	15.11475	408.7403	2.486414	1.294691	406.9649	2.573967	15.37882
#2	15.27727	415.6896	2.497693	1.303357	412.4213	2.588565	15.39293
#3	15.20692	414.5488	2.495142	1.298740	413.3477	2.575633	15.39566

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.1191	4.958277	4.828743	4.886634	4.884942	4.779598	4.992196
Stddev	.8883	.006178	.006100	.008321	.005708	.006835	.003273
%RSD	.5801304	.1246053	.1263314	.1702756	.1168419	.1430059	.0655605
#1	152.3570	4.958688	4.823054	4.891025	4.880448	4.787332	4.988421
#2	154.0947	4.951904	4.827990	4.877037	4.891364	4.774370	4.994233
#3	152.9057	4.964240	4.835184	4.891839	4.883015	4.777092	4.993935

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV003 Acquired: 12/23/2024 17:33:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.031683	4.767840	5.139188
Stddev	.003203	.018420	.027029
%RSD	.0636563	.3863465	.5259363
#1	5.035206	4.748403	5.109508
#2	5.030896	4.785039	5.162388
#3	5.028946	4.770079	5.145669

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.359	24213.95	2078.386	1520.141	1551.678
Stddev	3.076	77.40	.927	.280	2.984
%RSD	.1732782	.3196437	.0446066	.0184348	.1923342
#1	1774.776	24299.75	2079.452	1520.446	1553.243
#2	1772.616	24192.71	2077.772	1520.081	1548.237
#3	1778.685	24149.40	2077.933	1519.896	1553.555

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB003 Acquired: 12/23/2024 17:37:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002657	-.000934	.0036794	-.000031	.0008841	.0282710	-.001586
Stddev	.003573	.001695	.0005344	.001457	.0031621	.0199779	.000793
%RSD	134.4859	181.4575	14.52348	4696.976	357.6730	70.66578	50.00289
#1	.000106	-.000190	.0040590	-.001175	.0011279	.0269005	-.000673
#2	-.001385	-.002874	.0039109	.001610	-.002393	.0090136	-.001986
#3	-.006691	.000262	.0030683	-.000529	.003917	.0488989	-.002100

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000024	-.000097	-.017206	-.001129	-.000075	.0010175	.0313354
Stddev	.000161	.000075	.014359	.000161	.000348	.0095611	.0132398
%RSD	681.4487	77.86731	83.45583	14.29846	467.1849	939.6308	42.25184
#1	.000162	-.000154	-.006980	-.001303	.000085	-.008561	.0212438
#2	-.000128	-.000011	-.011016	-.001100	.000165	.010561	.0463266
#3	-.000105	-.000126	-.033622	-.000985	-.000474	.001053	.0264357

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009898	.0833795	.0007016	-.000063	-.933045	.0042170	-.003391
Stddev	.0017550	.2035665	.0004961	.001890	.277235	.0091686	.015630
%RSD	177.3015	244.1447	70.70384	3016.991	29.71294	217.4192	460.8938
#1	.0030006	.3175460	.0001436	-.001326	-1.22586	.0101922	-.020859
#2	-.000233	-.015988	.0008687	.002110	-.67459	-.006339	.001413
#3	.000202	-.051419	.0010926	-.000972	-.89868	.008798	.009273

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.596801	-.000858	.0088214	.0002806	-.004628	-.079119	-.000431
Stddev	.172052	.000408	.0009502	.0005114	.004581	.000533	.000151
%RSD	28.82902	47.59734	10.77149	182.2624	98.98175	.6730664	34.97596
#1	-.795032	-.001329	.0098633	.0008274	-.008839	-.079614	-.000476
#2	-.486275	-.000619	.0080025	-.000186	-.005293	-.079188	-.000555
#3	-.509096	-.000625	.0085984	.000200	.000249	-.078556	-.000263

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB003 Acquired: 12/23/2024 17:37:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB003 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0010029	.0000461	.0098546
Stddev	.0038583	.0001172	.0051057
%RSD	384.6973	254.0990	51.81000
#1	.0051450	.0000530	.0039789
#2	.0003527	.0001597	.0123739
#3	-.002489	-.000074	.0132110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.148	26763.73	2144.952	1765.502	1853.001
Stddev	7.810	82.66	8.996	8.447	8.758
%RSD	.3826111	.3088554	.4193992	.4784387	.4726512
#1	2044.618	26697.27	2155.166	1760.693	1860.544
#2	2032.205	26737.62	2138.205	1760.557	1843.395
#3	2046.621	26856.29	2141.487	1775.255	1855.062

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4978-05DLX5 Acquired: 12/23/2024 17:41:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003821	.0309689	.0861474	-.027126	.0008646	3.371960	.0239011
Stddev	.004219	.0062980	.0015451	.000922	.0008403	.041784	.0011488
%RSD	110.4113	20.33648	1.793513	3.398446	97.18788	1.239158	4.806402
#1	-.007923	.0265122	.0867270	-.026972	.0015525	3.384626	.0250177
#2	-.004047	.0381740	.0873189	-.028115	-.000072	3.325308	.0227226
#3	.000506	.0282204	.0843963	-.026291	.001113	3.405945	.0239629

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004722	.0029437	418.9507	.0106571	.0432386	.0096347	18.82457
Stddev	.0000733	.0000442	3.7380	.0006255	.0010247	.0067898	.14339
%RSD	15.53369	1.501655	.8922379	5.869198	2.369869	70.47304	.7617434
#1	.0004107	.0029791	419.3433	.0100942	.0437150	.0018769	18.73330
#2	.0005534	.0028941	415.0318	.0113305	.0439385	.0144957	18.75055
#3	.0004524	.0029578	422.4768	.0105467	.0420625	.0125314	18.98984

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.064912	237.4983	.0134111	.0020067	-1.57852	.0178885	.6033808
Stddev	.021015	2.1437	.0004384	.0010054	.04235	.0087793	.0047402
%RSD	1.017701	.9026064	3.268886	50.10185	2.682617	49.07793	.7855981
#1	2.065828	237.8786	.0138818	.0027603	-1.52963	.0280172	.6038733
#2	2.043454	235.1900	.0130145	.0023946	-1.60393	.0124587	.5984136
#3	2.085453	239.4264	.0133368	.0008651	-1.60198	.0131896	.6078555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9096959	.2709356	.0238398	.0030010	4.140861	1.734917	.0070800
Stddev	.2049333	.0024197	.0004014	.0008144	.009135	.012821	.0022090
%RSD	22.52767	.8930856	1.683905	27.13889	.2206008	.7390107	31.20017
#1	.8333067	.2688151	.0242176	.0020700	4.130314	1.743880	.0045537
#2	1.141852	.2735714	.0238834	.0035818	4.146024	1.720231	.0080378
#3	.753929	.2704202	.0234183	.0033512	4.146246	1.740641	.0086484

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4978-05DLX5 Acquired: 12/23/2024 17:41:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ51 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0303081	.1147723	.0176824
Stddev	.0035732	.0016355	.0032300
%RSD	11.78939	1.425032	18.26662
#1	.0273642	.1149297	.0171015
#2	.0292767	.1130637	.0147822
#3	.0342836	.1163234	.0211634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.206	25321.03	2128.440	1647.106	1629.145
Stddev	7.349	42.46	16.658	4.400	5.219
%RSD	.3819182	.1676693	.7826360	.2671127	.3203497
#1	1920.534	25355.09	2113.443	1642.482	1627.362
#2	1919.416	25273.47	2146.369	1651.240	1625.051
#3	1932.667	25334.54	2125.508	1647.596	1635.022

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4978-06DLX5 Acquired: 12/23/2024 17:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002504	.0260888	.0752226	-.024735	.0045171	2.562454	.0277576
Stddev	.005448	.0056078	.0034941	.001979	.0026487	.107310	.0014122
%RSD	217.5739	21.49497	4.645070	8.000291	58.63759	4.187787	5.087718
#1	.002747	.0197602	.0732401	-.027019	.0034345	2.512519	.0262179
#2	-.002129	.0280665	.0792571	-.023528	.0075357	2.685632	.0280624
#3	-.008130	.0304398	.0731707	-.023658	.0025812	2.489212	.0289925

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004375	.0018072	407.5088	.0079349	.0407561	.0125088	17.82947
Stddev	.0001438	.0001491	12.7206	.0008382	.0012695	.0064963	.54785
%RSD	32.85354	8.250723	3.121547	10.56295	3.114884	51.93405	3.072741
#1	.0004792	.0018849	402.6409	.0087189	.0410226	.0069120	17.58107
#2	.0005558	.0019015	421.9444	.0070515	.0418713	.0196327	18.45752
#3	.0002776	.0016353	397.9411	.0080343	.0393746	.0109818	17.44982

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.408923	229.7196	.0108464	-.000225	-1.48422	.0073251	.3699886
Stddev	.088443	7.1822	.0007922	.001452	.45494	.0026492	.0028772
%RSD	3.671464	3.126497	7.303607	644.8352	30.65192	36.16571	.7776310
#1	2.369333	226.0332	.0116987	-.001662	-1.45413	.0075341	.3685584
#2	2.510245	237.9964	.0107078	-.000256	-1.04507	.0098636	.3681068
#3	2.347191	225.1291	.0101327	.001242	-1.95346	.0045776	.3733006

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4521901	.2230720	.0194171	.0016706	3.661340	1.320003	.0076941
Stddev	.1000913	.0072073	.0012732	.0004792	.100662	.036213	.0021187
%RSD	22.13479	3.230912	6.557113	28.68509	2.749320	2.743411	27.53673
#1	.3368615	.2286733	.0200773	.0019164	3.726881	1.310142	.0089218
#2	.5033158	.2256018	.0179494	.0011184	3.711702	1.360126	.0089128
#3	.5163931	.2149409	.0202247	.0019772	3.545436	1.289742	.0052476

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4978-06DLX5 Acquired: 12/23/2024 17:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ52 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0135876	.1116848	.0106762
Stddev	.0054173	.0038759	.0024214
%RSD	39.86962	3.470425	22.68021
#1	.0077684	.1099450	.0096893
#2	.0184848	.1161258	.0134352
#3	.0145096	.1089836	.0089042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.349	26299.19	2124.211	1709.006	1716.986
Stddev	51.079	81.42	57.270	4.091	46.954
%RSD	2.525733	.3095989	2.696057	.2393984	2.734654
#1	1990.493	26229.07	2137.219	1710.524	1686.270
#2	1995.289	26280.00	2061.556	1704.372	1693.653
#3	2081.265	26388.49	2173.859	1712.121	1771.036

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4978-07DLX5 Acquired: 12/23/2024 17:49:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005354	.0278520	.0771317	-.032949	.0017851	2.345101	.0140194
Stddev	.002269	.0030296	.0005159	.004254	.0021761	.041293	.0021234
%RSD	42.38406	10.87742	.6688316	12.91110	121.8989	1.760814	15.14578
#1	-.006009	.0249922	.0765546	-.029044	.0042973	2.360212	.0145593
#2	-.002829	.0275370	.0772924	-.032320	.0005725	2.298381	.0116782
#3	-.007224	.0310268	.0775480	-.037482	.0004856	2.376710	.0158207

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003714	.0009490	400.8446	.0073948	.0415993	.0110587	17.29286
Stddev	.0000746	.0001083	7.2844	.0003023	.0008809	.0037218	.28510
%RSD	20.09122	11.41450	1.817253	4.087734	2.117584	33.65493	1.648670
#1	.0003299	.0008516	404.8368	.0077415	.0416155	.0094582	17.40139
#2	.0003267	.0009297	392.4369	.0072567	.0407104	.0084049	16.96943
#3	.0004575	.0010657	405.2600	.0071862	.0424719	.0153131	17.50776

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.965943	227.9986	.0103937	.0014398	-1.08785	.0078807	.1940119
Stddev	.054911	4.0461	.0007578	.0017181	.66629	.0011159	.0171994
%RSD	1.851387	1.774619	7.291362	119.3282	61.24788	14.15937	8.865106
#1	2.993249	230.3145	.0107266	.0026405	-.33779	.0065938	.2027096
#2	2.902732	223.3266	.0109280	-.000528	-1.31457	.0084700	.2051253
#3	3.001849	230.3546	.0095263	.002207	-1.61119	.0085784	.1742008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5639713	.2217980	.0145611	.0021088	3.460601	1.328545	.0073534
Stddev	.1594761	.0017509	.0019083	.0004043	.004444	.026634	.0003324
%RSD	28.27735	.7893895	13.10514	19.17138	.1284249	2.004739	4.520360
#1	.7202709	.2235068	.0138074	.0016874	3.461640	1.352742	.0071324
#2	.4014980	.2200079	.0131448	.0021455	3.455730	1.300008	.0071921
#3	.5701449	.2218792	.0167311	.0024935	3.464434	1.332886	.0077357

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4978-07DLX5 Acquired: 12/23/2024 17:49:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ53 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0082863	.1020759	.0073491
Stddev	.0015418	.0015925	.0011768
%RSD	18.60672	1.560071	16.01267
#1	.0065293	.1028159	.0072049
#2	.0094135	.1002481	.0062510
#3	.0089162	.1031638	.0085913

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1956.787	25915.93	2157.506	1685.425	1656.706
Stddev	2.180	54.13	43.054	5.381	2.199
%RSD	.1113876	.2088812	1.995550	.3192462	.1327625
#1	1954.327	25861.37	2122.994	1685.619	1654.413
#2	1958.478	25916.80	2205.752	1690.706	1658.798
#3	1957.557	25969.62	2143.773	1679.949	1656.908

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4979-14DLX2 Acquired: 12/23/2024 17:53:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0374797	.0082313	.2322187	.0157902	.0127943	25.46199	.3943019
Stddev	.0011633	.0029273	.0028288	.0009837	.0009640	.15635	.0010786
%RSD	3.103834	35.56268	1.218142	6.229868	7.534535	.6140537	.2735554
#1	.0361837	.0111501	.2307462	.0154860	.0121700	25.28337	.3942361
#2	.0378218	.0082480	.2354800	.0149945	.0139045	25.52863	.3954119
#3	.0384336	.0052957	.2304300	.0168901	.0123083	25.57399	.3932577

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025531	.0025353	527.5334	.0473093	.0737200	.2207117	77.94114
Stddev	.0000433	.0000712	1.6253	.0010182	.0003768	.0040502	.29512
%RSD	1.695915	2.808253	.3080977	2.152126	.5110752	1.835073	.3786411
#1	.0025767	.0024538	525.6711	.0463133	.0739762	.2166506	77.60192
#2	.0025032	.0025665	528.2629	.0483483	.0738965	.2247509	78.13890
#3	.0025795	.0025856	528.6662	.0472664	.0732874	.2207336	78.08259

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.51816	19.06584	.0713243	.0044529	-1.03695	.0628346	.3042279
Stddev	.03091	.15878	.0011933	.0017036	.73002	.0053993	.0122325
%RSD	.2683810	.8328102	1.673132	38.25929	70.40124	8.592959	4.020842
#1	11.48472	18.88268	.0711161	.0064096	-1.87991	.0639490	.3102653
#2	11.52405	19.16468	.0702488	.0036508	-.61407	.0675897	.3122679
#3	11.54570	19.15015	.0726081	.0032983	-.61687	.0569650	.2901504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.877915	4.427597	-.002759	.0090856	.8590088	4.837912	.0200951
Stddev	.171639	.006209	.002782	.0005703	.0084221	.039310	.0021203
%RSD	9.139877	.1402329	100.8379	6.276571	.9804435	.8125385	10.55149
#1	2.021660	4.422621	-.003567	.0093964	.8521025	4.792850	.0178323
#2	1.924207	4.425616	-.005048	.0094329	.8683914	4.865166	.0220362
#3	1.687877	4.434555	.000338	.0084274	.8565325	4.855721	.0204167

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4979-14DLX2 Acquired: 12/23/2024 17:53:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3187857	.3129050	.0318472
Stddev	.0037745	.0009627	.0020612
%RSD	1.184025	.3076598	6.472275
#1	.3146715	.3119197	.0317594
#2	.3195970	.3138433	.0339510
#3	.3220885	.3129520	.0298313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2206.078	28981.97	2420.074	1889.548	1705.760
Stddev	1.156	87.32	22.766	7.405	.929
%RSD	.0524121	.3012932	.9407145	.3918860	.0544843
#1	2204.766	29077.22	2446.251	1897.476	1705.577
#2	2206.518	28963.00	2404.895	1888.356	1704.935
#3	2206.949	28905.70	2409.076	1882.811	1706.766

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4979-16DLX5 Acquired: 12/23/2024 17:57:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009327	.0177450	.0528372	-.016856	.0026297	5.702700	.1320265
Stddev	.0006755	.0017242	.0037121	.002135	.0022007	.053151	.0020531
%RSD	72.42323	9.716261	7.025494	12.66747	83.68655	.9320351	1.555046
#1	.0002650	.0163215	.0546134	-.018455	.0018752	5.720586	.1318812
#2	.0016158	.0196621	.0553275	-.014431	.0009055	5.744601	.1341484
#3	.0009174	.0172512	.0485708	-.017681	.0051084	5.642913	.1300500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006667	.0005538	391.1175	.0103351	.0471602	.0641508	30.42196
Stddev	.0000444	.0000103	3.8141	.0005763	.0006831	.0029734	.30555
%RSD	6.657854	1.854769	.9751825	5.576417	1.448441	4.635022	1.004363
#1	.0006511	.0005547	390.1156	.0097760	.0479443	.0664220	30.15482
#2	.0007168	.0005636	395.3326	.0109272	.0468426	.0607853	30.75512
#3	.0006323	.0005431	387.9043	.0103020	.0466938	.0652450	30.35595

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.093490	6.989529	.0188217	.0033202	-1.14070	.0116487	.0746953
Stddev	.053928	.194578	.0005313	.0010813	.74686	.0039331	.0132093
%RSD	1.058755	2.783843	2.822674	32.56754	65.47364	33.76480	17.68426
#1	5.082765	7.017865	.0193081	.0039629	-.31458	.0071390	.0797692
#2	5.151975	7.168385	.0189022	.0020718	-1.76810	.0143691	.0846155
#3	5.045732	6.782337	.0182547	.0039259	-1.33943	.0134379	.0597014

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.025897	1.263697	-.006095	.0044129	.2535802	2.083267	.0073320
Stddev	.132980	.003655	.002724	.0002320	.0045061	.019112	.0023356
%RSD	513.4862	.2892300	44.69568	5.258004	1.776987	.9174286	31.85536
#1	-.146146	1.264601	-.009173	.0041614	.2566861	2.091219	.0100161
#2	.116924	1.259675	-.003996	.0044585	.2484121	2.097119	.0062179
#3	-.048470	1.266815	-.005116	.0046187	.2556426	2.061462	.0057621

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4979-16DLX5 Acquired: 12/23/2024 17:57:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0644568	.1957536	.0028274
Stddev	.0014886	.0017271	.0061235
%RSD	2.309471	.8822750	216.5751
#1	.0642472	.1958648	.0030606
#2	.0660391	.1974224	.0088311
#3	.0630841	.1939736	-.003409

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.239	26882.11	2214.338	1761.711	1757.176
Stddev	9.033	88.49	16.213	10.535	4.860
%RSD	.4384374	.3291716	.7321845	.5980063	.2765797
#1	2053.796	26958.34	2217.106	1768.250	1752.804
#2	2070.564	26902.92	2196.918	1767.326	1762.409
#3	2056.357	26785.07	2228.988	1749.558	1756.314

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-03DLX5 Acquired: 12/23/2024 18:01:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057370	.0273425	.1641073	-.021582	.0024640	4.692069	.0442297
Stddev	.0010654	.0018230	.0015959	.006052	.0008477	.064492	.0017201
%RSD	18.57021	6.667179	.9724882	28.04120	34.40270	1.374492	3.889081
#1	.0046292	.0258511	.1650609	-.028487	.0017561	4.757707	.0441225
#2	.0058275	.0293747	.1622648	-.017203	.0034034	4.689713	.0460008
#3	.0067542	.0268017	.1649961	-.019055	.0022325	4.628788	.0425656

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007219	.0026029	387.1262	.0134872	.0426225	.0339332	23.04519
Stddev	.0001195	.0002101	4.8409	.0005856	.0006636	.0051505	.30104
%RSD	16.55369	8.071074	1.250472	4.341902	1.556939	15.17831	1.306307
#1	.0006412	.0028223	390.7082	.0139598	.0433455	.0335852	23.15006
#2	.0008592	.0024036	389.0516	.0128320	.0424811	.0289656	23.27976
#3	.0006653	.0025828	381.6189	.0136697	.0420411	.0392489	22.70573

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.782077	217.7175	.0218890	.0009018	-1.74912	.0150784	.5913069
Stddev	.035281	2.0756	.0005475	.0012701	.70239	.0073192	.0120487
%RSD	1.268154	.9533657	2.501132	140.8356	40.15678	48.54094	2.037639
#1	2.808799	218.7227	.0218923	.0020888	-2.30944	.0234124	.5776510
#2	2.795348	219.0992	.0224349	-.000438	-1.97678	.0096952	.5958311
#3	2.742085	215.3306	.0213400	.001054	-.96114	.0121276	.6004388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8623212	.6205152	.0115607	.0028469	4.888891	1.852058	.0164072
Stddev	.0668927	.0025199	.0011744	.0005251	.007890	.019058	.0008413
%RSD	7.757283	.4060994	10.15820	18.44387	.1613857	1.029019	5.127464
#1	.7883014	.6176063	.0123812	.0023179	4.887477	1.857377	.0164928
#2	.9184475	.6220299	.0120856	.0028550	4.881803	1.867892	.0155264
#3	.8802148	.6219095	.0102155	.0033679	4.897392	1.830906	.0172024

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-03DLX5 Acquired: 12/23/2024 18:01:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ72 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0631361	.1084760	.0104651
Stddev	.0047579	.0020535	.0036918
%RSD	7.535903	1.893083	35.27692
#1	.0590341	.1104928	.0083025
#2	.0683522	.1085477	.0083650
#3	.0620221	.1063876	.0147279

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.054	26435.72	2153.862	1722.984	1693.400
Stddev	3.755	163.03	24.835	5.561	2.063
%RSD	.1874838	.6167024	1.153037	.3227272	.1218425
#1	2001.878	26268.91	2131.793	1718.716	1692.853
#2	2007.256	26594.68	2149.039	1729.272	1695.682
#3	2000.027	26443.57	2180.755	1720.965	1691.666

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-10DLX5 Acquired: 12/23/2024 18:05:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0605850	.0228003	.1700087	-.023223	.0049516	6.103151	.1350925
Stddev	.0035335	.0061664	.0055074	.004359	.0006976	.031139	.0003332
%RSD	5.832281	27.04520	3.239468	18.77012	14.08815	.5102078	.2466549
#1	.0630040	.0219210	.1669661	-.024793	.0055355	6.123395	.1347280
#2	.0622211	.0293592	.1666939	-.026580	.0051403	6.118763	.1353814
#3	.0565300	.0171208	.1763661	-.018297	.0041791	6.067294	.1351682

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008278	.0055968	339.4136	.0145827	.0440914	.0371306	26.49095
Stddev	.0002196	.0002049	.9030	.0006718	.0003974	.0037912	.07979
%RSD	26.52605	3.660715	.2660499	4.606708	.9013330	10.21056	.3011813
#1	.0008093	.0058111	338.5178	.0140318	.0436611	.0327854	26.41786
#2	.0010561	.0055764	340.3236	.0143851	.0441682	.0397645	26.57607
#3	.0006181	.0054028	339.3993	.0153311	.0444447	.0388418	26.47893

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.257891	181.8377	.0233745	.0010669	-.817469	.0232840	1.286003
Stddev	.007942	.6696	.0007933	.0005653	.479359	.0070472	.020421
%RSD	.3517393	.3682195	3.393798	52.98266	58.63938	30.26644	1.587918
#1	2.249948	181.2897	.0224617	.0016440	-.402360	.0214743	1.283503
#2	2.265832	182.5840	.0238976	.0010423	-1.34212	.0310597	1.266948
#3	2.257895	181.6394	.0237642	.0005143	-.70793	.0173181	1.307559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7307005	.5939440	.0072030	.0039002	4.424863	2.260749	.0093082
Stddev	.0980866	.0034440	.0020497	.0005297	.025745	.015985	.0014886
%RSD	13.42364	.5798470	28.45667	13.58188	.5818235	.7070712	15.99215
#1	.6383791	.5901499	.0054680	.0045095	4.395136	2.279194	.0076302
#2	.7200409	.5968729	.0094646	.0036413	4.439535	2.252122	.0104700
#3	.8336816	.5948092	.0066763	.0035497	4.439918	2.250931	.0098244

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-10DLX5 Acquired: 12/23/2024 18:05:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ86 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0794060	.1092927	.0107353
Stddev	.0034369	.0002632	.0025799
%RSD	4.328298	.2407930	24.03204
#1	.0825856	.1090344	.0094238
#2	.0798728	.1092833	.0090746
#3	.0757595	.1095604	.0137075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.986	26420.89	2179.962	1718.547	1696.632
Stddev	4.296	109.25	14.107	5.232	2.817
%RSD	.2143683	.4134977	.6471170	.3044147	.1660054
#1	2008.892	26521.69	2171.885	1723.220	1699.878
#2	2002.168	26304.80	2171.751	1712.896	1694.832
#3	2000.899	26436.18	2196.251	1719.526	1695.187

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-16DLX5 Acquired: 12/23/2024 18:09:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016155	.0211714	.1555485	-.019017	.0039210	9.235031	.1018236
Stddev	.0019151	.0013817	.0001157	.001919	.0032595	.070679	.0008791
%RSD	118.5441	6.526176	.0743937	10.09296	83.13156	.7653352	.8633669
#1	.0037472	.0195780	.1554206	-.016894	.0065176	9.183153	.1009831
#2	.0000401	.0218984	.1556459	-.020630	.0049822	9.315532	.1027368
#3	.0010592	.0220378	.1555790	-.019528	.0002630	9.206409	.1017508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013633	.0059101	336.7644	.0162205	.0481439	.0444994	30.29759
Stddev	.0000766	.0001187	1.2856	.0003119	.0002583	.0041049	.03985
%RSD	5.617471	2.008162	.3817440	1.922648	.5365787	9.224553	.1315377
#1	.0012933	.0058616	335.3695	.0163963	.0483783	.0398221	30.25915
#2	.0014451	.0058234	337.9017	.0164047	.0478669	.0475029	30.33872
#3	.0013516	.0060454	337.0220	.0158604	.0481864	.0461732	30.29489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.498647	154.5052	.0309664	.0018769	-1.58886	.0247675	.7513950
Stddev	.009064	1.0598	.0004783	.0007780	.61519	.0130789	.0064878
%RSD	.6048197	.6859180	1.544644	41.45096	38.71920	52.80643	.8634345
#1	1.488752	153.2946	.0311134	.0013923	-1.98556	.0342968	.7510515
#2	1.506549	155.2651	.0304318	.0014642	-.88018	.0301493	.7580477
#3	1.500640	154.9560	.0313539	.0027743	-1.90083	.0098564	.7450857

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.160694	.7325710	.0135246	.0033142	3.731418	2.387808	.0238188
Stddev	.125238	.0047748	.0018085	.0001006	.002914	.027596	.0023195
%RSD	10.78991	.6517885	13.37213	3.035644	.0780872	1.155700	9.738045
#1	1.061862	.7304731	.0115277	.0032457	3.728057	2.379831	.0264502
#2	1.118684	.7292044	.0139938	.0032673	3.733238	2.418513	.0220709
#3	1.301536	.7380356	.0150523	.0034297	3.732959	2.365078	.0229353

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-16DLX5 Acquired: 12/23/2024 18:09:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ90 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1201139	.1589147	.0168434
Stddev	.0063104	.0004581	.0041914
%RSD	5.253663	.2882676	24.88435
#1	.1155655	.1585003	.0187751
#2	.1273181	.1588373	.0197206
#3	.1174581	.1594066	.0120345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.387	26515.53	2188.316	1729.365	1691.741
Stddev	4.340	81.99	17.618	7.062	1.818
%RSD	.2164014	.3092223	.8051069	.4083861	.1074621
#1	2009.543	26453.39	2188.277	1734.765	1693.680
#2	2000.884	26608.45	2170.718	1731.958	1690.074
#3	2005.732	26484.73	2205.954	1721.373	1691.470

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-17DLX5 Acquired: 12/23/2024 18:13:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001144	.0218834	.1001292	-.022716	.0022613	4.694074	.0365601
Stddev	.003528	.0023040	.0005341	.005653	.0052613	.037639	.0019672
%RSD	308.2995	10.52848	.5333613	24.88635	232.6688	.8018367	5.380812
#1	-.004009	.0198849	.0995302	-.016826	-.003540	4.710262	.0358332
#2	-.002220	.0213618	.1005555	-.028098	.006725	4.720910	.0387874
#3	.002796	.0244034	.1003020	-.023224	.003598	4.651049	.0350598

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006381	.0011312	453.5277	.0125897	.0456604	.0333369	25.31832
Stddev	.0001096	.0000461	4.8618	.0004144	.0003140	.0021044	.19989
%RSD	17.17987	4.079410	1.071993	3.291473	.6876604	6.312580	.7895250
#1	.0005707	.0011809	458.6917	.0130682	.0458158	.0355571	25.47026
#2	.0005791	.0010896	452.8526	.0123559	.0458665	.0330822	25.39283
#3	.0007646	.0011231	449.0387	.0123452	.0452991	.0313714	25.09187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.553243	243.9532	.0208744	.0008310	-1.48101	.0059413	.2274061
Stddev	.021844	2.7829	.0003145	.0006356	.78607	.0046389	.0040053
%RSD	.8555356	1.140771	1.506611	76.48530	53.07642	78.07925	1.761307
#1	2.567509	246.5519	.0212014	.0009943	-.64340	.0028093	.2319359
#2	2.564123	244.2911	.0208474	.0001297	-2.20266	.0037440	.2243330
#3	2.528095	241.0168	.0205742	.0013690	-1.59698	.0112706	.2259494

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408243	.4405781	.0181419	.0026596	5.664354	2.327144	.0103617
Stddev	.214565	.0023266	.0024663	.0009996	.014326	.024283	.0004377
%RSD	15.23639	.5280814	13.59417	37.58608	.2529139	1.043457	4.224607
#1	1.652706	.4392965	.0198757	.0031594	5.657618	2.344134	.0099948
#2	1.251126	.4391742	.0153185	.0015086	5.654638	2.337967	.0102440
#3	1.320898	.4432638	.0192316	.0033107	5.680806	2.299332	.0108462

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4980-17DLX5 Acquired: 12/23/2024 18:13:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0314786	.1514442	.0100129
Stddev	.0035091	.0019775	.0012568
%RSD	11.14772	1.305745	12.55177
#1	.0349694	.1536218	.0095305
#2	.0279514	.1509505	.0114394
#3	.0315152	.1497604	.0090687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.700	26005.64	2169.342	1695.912	1651.054
Stddev	1.664	108.81	27.407	5.694	1.254
%RSD	.0842010	.4183925	1.263372	.3357429	.0759382
#1	1977.364	25888.18	2143.030	1689.547	1651.362
#2	1977.929	26102.99	2167.270	1697.668	1652.125
#3	1974.806	26025.75	2197.726	1700.521	1649.675

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4982-05DLX5 Acquired: 12/23/2024 18:17:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0226031	.0209468	.3716582	-.018030	.0060458	5.897618	.1377004
Stddev	.0086974	.0019438	.0024688	.003669	.0014482	.026967	.0014637
%RSD	38.47890	9.279559	.6642547	20.34997	23.95419	.4572523	1.062948
#1	.0326283	.0188573	.3742495	-.020741	.0047539	5.869512	.1361416
#2	.0170741	.0212820	.3713915	-.019493	.0057722	5.923279	.1379140
#3	.0181069	.0227013	.3693336	-.013855	.0076113	5.900062	.1390455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009900	.0019697	334.3900	.0132414	.0446768	.0478666	25.80582
Stddev	.0001259	.0001366	1.1263	.0012027	.0005665	.0052376	.09185
%RSD	12.71462	6.933928	.3368253	9.082489	1.268061	10.94200	.3559151
#1	.0008487	.0018749	333.1206	.0143392	.0441764	.0536627	25.74587
#2	.0010310	.0021263	335.2699	.0134290	.0445620	.0434733	25.76002
#3	.0010902	.0019080	334.7794	.0119560	.0452919	.0464638	25.91156

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.316658	40.63615	.0235315	.0016276	-1.63794	.0188023	.8472718
Stddev	.003623	.03281	.0004348	.0009550	.32030	.0015145	.0160977
%RSD	.1563776	.0807452	1.847572	58.67430	19.55535	8.055100	1.899943
#1	2.317792	40.60807	.0238742	.0023691	-1.29554	.0185101	.8550156
#2	2.319578	40.67222	.0236777	.0019637	-1.93025	.0204416	.8287657
#3	2.312604	40.62817	.0230424	.0005500	-1.68802	.0174551	.8580342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.015824	.6131991	-.002831	.0041346	.7665672	1.609571	.0098603
Stddev	.121805	.0003460	.000828	.0013735	.0066971	.011187	.0010655
%RSD	769.7650	.0564208	29.25961	33.21997	.8736491	.6950179	10.80621
#1	.097826	.6135969	-.002966	.0056981	.7592319	1.600022	.0105108
#2	-.144408	.6130317	-.001944	.0031224	.7723554	1.621879	.0086306
#3	-.000889	.6129685	-.003584	.0035833	.7681144	1.606812	.0104395

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4982-05DLX5 Acquired: 12/23/2024 18:17:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1198300	.1746341	.0037550
Stddev	.0057349	.0012565	.0002215
%RSD	4.785838	.7195249	5.898616
#1	.1157418	.1731856	.0040102
#2	.1173626	.1752848	.0036421
#3	.1263856	.1754317	.0036128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2065.326	27221.26	2221.234	1791.741	1766.403
Stddev	2.873	75.84	7.483	6.546	3.689
%RSD	.1390962	.2785986	.3368961	.3653631	.2088619
#1	2068.463	27159.25	2229.593	1784.359	1770.020
#2	2062.823	27305.81	2215.157	1794.026	1762.646
#3	2064.692	27198.72	2218.952	1796.839	1766.543

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4982-15DLX5 Acquired: 12/23/2024 18:21:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006336	.0255890	.0239070	-.022070	.0039486	7.279945	.1139026
Stddev	.004903	.0030226	.0012878	.003073	.0039360	.026499	.0013753
%RSD	77.38642	11.81200	5.386596	13.92610	99.68098	.3640032	1.207393
#1	-.006623	.0260230	.0249155	-.019658	.0083670	7.273431	.1142989
#2	-.011090	.0283711	.0243491	-.025530	.0008171	7.309093	.1123727
#3	-.001296	.0223729	.0224564	-.021021	.0026617	7.257310	.1150361

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005279	.0004352	348.0983	.0110267	.0447438	.0323766	24.10949
Stddev	.0000680	.0000965	.4110	.0007535	.0006305	.0040193	.09009
%RSD	12.87663	22.18240	.1180817	6.832937	1.409170	12.41405	.3736502
#1	.0004512	.0003881	347.7725	.0118131	.0448591	.0361934	24.04856
#2	.0005807	.0003712	347.9624	.0109558	.0440636	.0327547	24.06695
#3	.0005518	.0005462	348.5601	.0103112	.0453088	.0281817	24.21297

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.183944	15.72498	.0190209	.0020932	-1.13400	.0196697	.0453291
Stddev	.002629	.01052	.0004018	.0008179	.46225	.0071874	.0084383
%RSD	.0825548	.0669187	2.112405	39.07310	40.76246	36.54047	18.61567
#1	3.185233	15.72453	.0193786	.0016900	-.75652	.0250094	.0438379
#2	3.180920	15.73572	.0185862	.0015552	-.99594	.0114976	.0544137
#3	3.185678	15.71469	.0190980	.0030344	-1.64955	.0225019	.0377358

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1618295	.8982922	-.001056	.0018135	.2264604	1.865390	.0047267
Stddev	.0596994	.0037460	.001761	.0005357	.0063049	.009365	.0016946
%RSD	36.89031	.4170129	166.7972	29.53853	2.784099	.5020465	35.85155
#1	.1932370	.8980732	-.001474	.0023549	.2318357	1.854640	.0053545
#2	.0929826	.8946604	-.002571	.0012837	.2280248	1.871778	.0060178
#3	.1992689	.9021428	.000877	.0018020	.2195205	1.869753	.0028078

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4982-15DLX5 Acquired: 12/23/2024 18:21:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1336103	.1877428	.0045604
Stddev	.0025151	.0005535	.0044469
%RSD	1.882434	.2948125	97.51124
#1	.1357562	.1877865	-.000452
#2	.1308426	.1871687	.008030
#3	.1342321	.1882731	.006103

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.576	26926.17	2208.888	1768.536	1766.309
Stddev	2.007	211.81	5.146	10.813	1.845
%RSD	.0976608	.7866444	.2329512	.6113850	.1044293
#1	2056.319	26759.54	2205.955	1767.359	1767.012
#2	2055.025	27164.54	2214.829	1779.889	1767.699
#3	2052.382	26854.43	2205.879	1758.360	1764.216

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4982-16DLX5 Acquired: 12/23/2024 18:24:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011489	.0231043	.0906633	-.022388	.0055530	8.664271	.1426636
Stddev	.0060340	.0009636	.0030849	.000592	.0029060	.048648	.0009306
%RSD	525.2159	4.170529	3.402582	2.643681	52.33179	.5614725	.6522683
#1	.0063828	.0235678	.0873997	-.022932	.0081954	8.677331	.1427698
#2	.0025148	.0219965	.0935314	-.021757	.0024406	8.610427	.1416844
#3	-.005451	.0237485	.0910586	-.022475	.0060231	8.705056	.1435364

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006892	.0006221	545.5678	.0123917	.0521600	.0261224	29.53548
Stddev	.0000434	.0001063	1.5207	.0004670	.0005052	.0041996	.04830
%RSD	6.297997	17.08707	.2787336	3.768783	.9686165	16.07666	.1635249
#1	.0007387	.0005702	546.6087	.0128501	.0522642	.0218745	29.58910
#2	.0006575	.0005517	543.8227	.0124083	.0526050	.0302719	29.49539
#3	.0006715	.0007443	546.2721	.0119166	.0516108	.0262207	29.52195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.814508	24.22157	.0218252	.0011876	-1.76879	.0161265	.0678452
Stddev	.023787	.20716	.0005138	.0004005	.29092	.0070007	.0114030
%RSD	.4940793	.8552577	2.353960	33.72211	16.44763	43.41142	16.80732
#1	4.833459	24.38887	.0219429	.0012519	-1.44355	.0096620	.0731672
#2	4.787813	23.98986	.0222699	.0015520	-1.85860	.0235621	.0547542
#3	4.822252	24.28598	.0212628	.0007589	-2.00423	.0151554	.0756142

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2235889	1.108999	-.004211	.0020056	.3098742	1.871246	.0103254
Stddev	.1269002	.002092	.000564	.0007247	.0027718	.004652	.0008936
%RSD	56.75602	.1886127	13.39276	36.13518	.8945018	.2485946	8.654610
#1	.0798386	1.107164	-.004389	.0017907	.3068597	1.876552	.0113551
#2	.2708562	1.108558	-.004664	.0014126	.3123130	1.867868	.0097530
#3	.3200719	1.111277	-.003579	.0028135	.3104499	1.869319	.0098681

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P4982-16DLX5 Acquired: 12/23/2024 18:24:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1524840	.2716635	.0062823
Stddev	.0030215	.0007260	.0051675
%RSD	1.981498	.2672346	82.25474
#1	.1527913	.2719379	.0003187
#2	.1493206	.2722122	.0090934
#3	.1553400	.2708403	.0094350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2054.959	26931.27	2232.617	1769.306	1720.552
Stddev	3.967	95.57	9.154	8.508	1.359
%RSD	.1930634	.3548645	.4099979	.4808794	.0789640
#1	2057.128	26839.62	2222.112	1761.231	1720.827
#2	2050.380	26923.88	2238.880	1768.498	1719.077
#3	2057.369	27030.33	2236.860	1778.190	1721.752

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-02DLX5 Acquired: 12/23/2024 18:28:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006893	.0264219	.1036589	-.022874	.0012420	2.581575	.0292457
Stddev	.004469	.0029227	.0027456	.005176	.0034332	.007291	.0013540
%RSD	64.83191	11.06176	2.648660	22.62966	276.4203	.2824228	4.629769
#1	-.010482	.0288619	.1010295	-.017229	.0001943	2.574070	.0304199
#2	-.001888	.0272211	.1065075	-.023994	.0050770	2.582023	.0277646
#3	-.008310	.0231827	.1034397	-.027398	-.001545	2.588631	.0295526

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004618	.0020878	369.3511	.0088495	.0417532	.0134405	18.00434
Stddev	.0000880	.0001190	1.5519	.0012960	.0006105	.0108501	.06258
%RSD	19.06043	5.700875	.4201697	14.64475	1.462179	80.72706	.3475752
#1	.0003625	.0022230	370.9368	.0097862	.0415588	.0010116	18.05875
#2	.0004926	.0019991	367.8353	.0073705	.0424372	.0210210	17.93596
#3	.0005303	.0020412	369.2813	.0093919	.0412635	.0182888	18.01832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.169048	211.2909	.0126973	.0008239	-1.39631	.0132469	.4506616
Stddev	.010796	1.0545	.0012656	.0009390	1.03705	.0036682	.0101771
%RSD	.4977083	.4990629	9.967737	113.9659	74.27103	27.69120	2.258259
#1	2.181413	212.4012	.0122120	.0019069	-2.50151	.0110788	.4415446
#2	2.164229	210.3030	.0141338	.0002368	-1.24292	.0111798	.4487988
#3	2.161501	211.1684	.0117462	.0003280	-.44449	.0174822	.4616414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4554634	.3325242	.0090548	.0026794	3.399589	1.532068	.0177411
Stddev	.1021573	.0010877	.0015911	.0006932	.002072	.009750	.0010457
%RSD	22.42930	.3271126	17.57141	25.87115	.0609434	.6364031	5.893955
#1	.5554976	.3337761	.0076815	.0029705	3.400306	1.541652	.0187741
#2	.3513078	.3319860	.0107984	.0018881	3.397254	1.522160	.0166832
#3	.4595847	.3318105	.0086845	.0031796	3.401208	1.532391	.0177660

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-02DLX5 Acquired: 12/23/2024 18:28:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0215785	.0982554	.0034053
Stddev	.0068394	.0001775	.0031597
%RSD	31.69549	.1806926	92.78749
#1	.0194054	.0981370	.0001185
#2	.0160896	.0981697	.0036769
#3	.0292404	.0984596	.0064204

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.491	26243.33	2141.887	1708.454	1682.653
Stddev	7.437	174.24	12.501	13.373	3.027
%RSD	.3755091	.6639214	.5836414	.7827751	.1799154
#1	1983.758	26277.47	2130.056	1709.931	1683.198
#2	1971.980	26054.55	2140.641	1694.403	1679.391
#3	1985.735	26397.97	2154.964	1721.027	1685.372

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-03DLX5 Acquired: 12/23/2024 18:32:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006588	.0239341	.0831343	-.027282	.0048211	2.092789	.0515776
Stddev	.0025659	.0028377	.0020080	.001557	.0020763	.013461	.0010544
%RSD	389.4796	11.85624	2.415333	5.707520	43.06622	.6431880	2.044257
#1	-.000925	.0239403	.0848069	-.029075	.0071875	2.093727	.0526407
#2	-.000717	.0210934	.0809074	-.026265	.0033051	2.078884	.0515600
#3	.003619	.0267688	.0836886	-.026507	.0039706	2.105756	.0505321

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005163	.0011742	406.4793	.0068278	.0427413	.0202370	18.44085
Stddev	.0000813	.0001988	1.3190	.0005156	.0004960	.0047089	.03997
%RSD	15.74160	16.93308	.3244830	7.551236	1.160389	23.26899	.2167640
#1	.0004235	.0009865	404.9678	.0072002	.0433050	.0254309	18.39674
#2	.0005749	.0011535	407.3968	.0062393	.0425467	.0190335	18.45115
#3	.0005505	.0013825	407.0734	.0070439	.0423721	.0162466	18.47467

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.333547	230.2255	.0118840	.0008289	-.737505	.0055717	.2468732
Stddev	.008605	.6767	.0003246	.0008820	.747251	.0126021	.0127078
%RSD	.3687699	.2939333	2.731000	106.4024	101.3214	226.1807	5.147499
#1	2.332657	229.4583	.0117803	-.000188	-.971743	.0187854	.2533689
#2	2.325421	230.4808	.0116241	.001285	.098803	.0042434	.2550203
#3	2.342563	230.7375	.0122478	.001389	-1.33958	-.006314	.2322306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4504427	.2353978	.0082981	.0028320	3.831516	1.329660	.0068418
Stddev	.2572071	.0023870	.0011284	.0003046	.003180	.004212	.0006967
%RSD	57.10095	1.014046	13.59874	10.75670	.0829892	.3168014	10.18359
#1	.1661581	.2334686	.0094793	.0025148	3.834729	1.324892	.0076364
#2	.6670308	.2346576	.0081840	.0031223	3.828371	1.331210	.0065534
#3	.5181392	.2380673	.0072311	.0028588	3.831447	1.332878	.0063356

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-03DLX5 Acquired: 12/23/2024 18:32:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0131964	.1083045	-.001472
Stddev	.0037222	.0003315	.002711
%RSD	28.20582	.3060529	184.1502
#1	.0174416	.1079375	.001302
#2	.0116553	.1083939	-.004116
#3	.0104923	.1085821	-.001603

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.389	25827.64	2131.022	1683.279	1664.981
Stddev	2.605	46.39	7.927	2.632	2.711
%RSD	.1327591	.1796185	.3719745	.1563615	.1628178
#1	1959.384	25799.22	2128.625	1681.107	1662.001
#2	1964.016	25802.54	2124.571	1682.524	1667.300
#3	1963.766	25881.18	2139.871	1686.206	1665.642

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-04DLX5 Acquired: 12/23/2024 18:36:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.005392	.0284961	.3428788	-.027982	.0019532	1.849447	.0169262
Stddev	.003198	.0099637	.0003997	.003763	.0023027	.044669	.0011402
%RSD	59.30839	34.96516	.1165861	13.44914	117.8941	2.415248	6.736368
#1	-.006055	.0236701	.3426340	-.023933	.0003828	1.832293	.0170806
#2	-.008207	.0218643	.3433401	-.028640	.0008802	1.815898	.0179814
#3	-.001915	.0399538	.3426623	-.031373	.0045966	1.900150	.0157167

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003907	.0021180	400.9978	.0060913	.0415626	.0140085	19.11426
Stddev	.0001774	.0001023	1.6440	.0009120	.0006374	.0059930	.06186
%RSD	45.41367	4.831638	.4099824	14.97232	1.533624	42.78135	.3236367
#1	.0002095	.0020740	399.6815	.0054139	.0410097	.0072886	19.05477
#2	.0005640	.0020451	402.8406	.0071283	.0414183	.0187997	19.17825
#3	.0003985	.0022350	400.4714	.0057316	.0422597	.0159372	19.10976

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.434269	226.7441	.0104844	.0009095	-1.68723	.0157431	.4024766
Stddev	.009964	.7858	.0006136	.0015893	.16661	.0085271	.0025201
%RSD	.4093367	.3465602	5.852137	174.7575	9.874993	54.16403	.6261503
#1	2.425023	226.2362	.0106273	-.000898	-1.49798	.0183129	.4052008
#2	2.444823	227.6492	.0098121	.002089	-1.75188	.0062266	.4020005
#3	2.432962	226.3468	.0110140	.001538	-1.81183	.0226897	.4002285

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4038307	.2047228	.0060053	.0022968	4.996913	1.208607	.0061608
Stddev	.1237583	.0007154	.0025671	.0009255	.004010	.009544	.0015689
%RSD	30.64608	.3494618	42.74638	40.29541	.0802538	.7896987	25.46615
#1	.4391596	.2049742	.0059355	.0024116	4.992363	1.200362	.0045142
#2	.5060829	.2039157	.0086066	.0013193	4.998442	1.219063	.0063298
#3	.2662496	.2052787	.0034739	.0031597	4.999934	1.206396	.0076384

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-04DLX5 Acquired: 12/23/2024 18:36:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0080596	.1036663	-.001116
Stddev	.0037114	.0004663	.004007
%RSD	46.04919	.4498189	358.9712
#1	.0113432	.1031356	-.005108
#2	.0088029	.1040105	-.001148
#3	.0040329	.1038529	.002907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.820	25909.71	2144.393	1685.646	1665.735
Stddev	3.498	56.83	16.036	9.275	2.406
%RSD	.1777674	.2193468	.7478331	.5502290	.1444689
#1	1964.583	25895.73	2154.954	1676.623	1664.339
#2	1971.531	25861.18	2125.940	1685.162	1668.514
#3	1967.347	25972.23	2152.285	1695.154	1664.352

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-05DLX5 Acquired: 12/23/2024 18:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001754	.0292548	.0714621	-.027320	.0052688	1.966409	.0165149
Stddev	.007529	.0015165	.0054422	.006557	.0007328	.025391	.0020055
%RSD	429.2260	5.183803	7.615546	24.00119	13.90860	1.291212	12.14343
#1	.000986	.0302044	.0694556	-.022657	.0056176	1.993899	.0150441
#2	.004021	.0300543	.0776227	-.024486	.0057621	1.943838	.0157012
#3	-.010270	.0275059	.0673080	-.034818	.0044268	1.961490	.0187993

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003757	.0186755	418.7312	.0068313	.0423623	.0194529	18.92598
Stddev	.0000860	.0000826	.7962	.0006851	.0004296	.0108785	.13553
%RSD	22.88863	.4423436	.1901445	10.02908	1.014055	55.92205	.7161005
#1	.0002850	.0186403	419.6488	.0075885	.0421014	.0070307	18.90387
#2	.0003859	.0186164	418.3216	.0066513	.0421274	.0240495	19.07121
#3	.0004561	.0187699	418.2231	.0062542	.0428581	.0272786	18.80287

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.454974	234.9157	.0098374	.0012096	-1.59853	.0028560	3.852280
Stddev	.009342	.9821	.0007622	.0013931	.56441	.0166762	.029183
%RSD	.3805497	.4180559	7.748197	115.1664	35.30825	583.8986	.7575629
#1	2.465439	235.9520	.0106580	-.000121	-2.24376	-.000013	3.833072
#2	2.452010	234.7963	.0097026	.001092	-1.19643	.020781	3.885862
#3	2.447473	233.9988	.0091515	.002658	-1.35539	-.012200	3.837906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3193399	.2093327	.0089925	.0036428	5.622400	1.260976	.0100429
Stddev	.0758014	.0022090	.0007031	.0006370	.021818	.003038	.0021429
%RSD	23.73690	1.055261	7.818540	17.48653	.3880619	.2408983	21.33741
#1	.4059523	.2089887	.0086966	.0039530	5.599235	1.264182	.0087107
#2	.2869681	.2073159	.0097952	.0029101	5.642560	1.258141	.0089031
#3	.2650992	.2116936	.0084857	.0040652	5.625406	1.260604	.0125148

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-05DLX5 Acquired: 12/23/2024 18:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0138904	.1115539	-.002674
Stddev	.0026093	.0004794	.002096
%RSD	18.78460	.4297054	78.35603
#1	.0117930	.1119952	-.001472
#2	.0130658	.1110439	-.001457
#3	.0168123	.1116226	-.005094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.187	25410.79	2099.174	1655.376	1631.970
Stddev	4.890	15.80	11.434	7.251	4.875
%RSD	.2530689	.0621869	.5447029	.4380303	.2987094
#1	1936.924	25405.59	2086.600	1655.929	1636.259
#2	1927.157	25398.24	2108.949	1647.864	1626.668
#3	1932.481	25428.54	2101.973	1662.334	1632.983

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-06DLX5 Acquired: 12/23/2024 18:44:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008676	.0226404	.0944708	-.032731	.0021269	4.451889	.0811229
Stddev	.004714	.0059048	.0018119	.005391	.0019453	.041038	.0016150
%RSD	54.33664	26.08070	1.917927	16.47145	91.45956	.9218180	1.990773
#1	-.010056	.0203426	.0962458	-.038853	.0043041	4.405148	.0793247
#2	-.003426	.0293487	.0926242	-.028692	.0005597	4.482014	.0815942
#3	-.012547	.0182300	.0945425	-.030648	.0015170	4.468503	.0824498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005323	.0014468	399.9398	.0089355	.0415246	.0185599	17.95015
Stddev	.0000474	.0002024	2.1771	.0011417	.0003250	.0068211	.14571
%RSD	8.907792	13.98858	.5443664	12.77704	.7825879	36.75210	.8117479
#1	.0005868	.0012689	397.4531	.0084091	.0416618	.0133035	17.78353
#2	.0005003	.0016670	401.5027	.0081520	.0411535	.0262680	18.01316
#3	.0005098	.0014046	400.8637	.0102455	.0417584	.0161082	18.05374

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.460626	191.5481	.0117640	.0007527	-1.25869	.0102571	.3186947
Stddev	.023361	1.0303	.0003556	.0011149	.54851	.0009830	.0106128
%RSD	.9494059	.5378594	3.022784	148.1298	43.57795	9.583704	3.330077
#1	2.435356	190.3601	.0120467	.0017663	-1.36521	.0113863	.3115157
#2	2.465088	192.1959	.0118805	-.000441	-1.74612	.0095923	.3308852
#3	2.481435	192.0883	.0113648	.000933	-.66473	.0097928	.3136831

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1885476	.3389806	.0069871	.0030204	3.309096	2.238938	.0063669
Stddev	.0725911	.0008056	.0005738	.0007197	.014024	.010114	.0024087
%RSD	38.50017	.2376667	8.212196	23.82799	.4237999	.4517257	37.83221
#1	.2536585	.3389422	.0074085	.0024546	3.323988	2.234036	.0083473
#2	.1102767	.3398047	.0063336	.0038304	3.296141	2.250569	.0036854
#3	.2017075	.3381948	.0072192	.0027762	3.307161	2.232210	.0070679

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5008-06DLX5 Acquired: 12/23/2024 18:44:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1147140	.2399615	-.000647
Stddev	.0000620	.0014461	.004746
%RSD	.0540509	.6026351	733.7122
#1	.1146845	.2382998	-.004653
#2	.1146722	.2409346	.004595
#3	.1147852	.2406502	-.001883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.832	25979.67	2144.821	1689.362	1665.091
Stddev	5.606	76.02	10.513	6.033	3.010
%RSD	.2857545	.2926277	.4901435	.3571164	.1807778
#1	1957.912	26062.96	2146.123	1696.135	1662.100
#2	1968.253	25962.05	2133.717	1684.564	1668.120
#3	1959.331	25914.01	2154.621	1687.387	1665.053

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5183-20ADLX2 Acquired: 12/23/2024 18:48:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4622246	-.125572	.3200555	.2386648	.1061540	183.9073	.3382911
Stddev	.0028728	.003315	.0008298	.0033250	.0012954	.3021	.0016271
%RSD	.6215253	2.640221	.2592740	1.393178	1.220323	.1642690	.4809657
#1	.4597157	-.121746	.3191407	.2414436	.1047973	184.2495	.3376592
#2	.4653585	-.127583	.3207597	.2349810	.1062868	183.6778	.3370749
#3	.4615997	-.127389	.3202662	.2395700	.1073780	183.7945	.3401394

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091249	.0107177	45.45790	2.233864	.3046100	5.353763	420.1484
Stddev	.0000772	.0001011	.15928	.006527	.0008565	.032041	1.0481
%RSD	.8458250	.9432726	.3503807	.2921972	.2811899	.5984833	.2494526
#1	.0090454	.0106028	45.64096	2.240609	.3041272	5.388692	421.2781
#2	.0091299	.0107933	45.38176	2.227579	.3041038	5.325733	419.2077
#3	.0091995	.0107569	45.35099	2.233404	.3055989	5.346864	419.9594

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.456250	139.1851	.5066699	.0087880	-.829030	1.012571	.7079383
Stddev	.019180	1.0326	.0005655	.0007269	.561301	.016202	.0106370
%RSD	.2572323	.7418801	.1116098	8.271586	67.70575	1.600115	1.502535
#1	7.477531	140.3548	.5072918	.0079991	-.861620	1.017054	.7085648
#2	7.440299	138.8008	.5065313	.0094306	-.252144	.994599	.6970019
#3	7.450920	138.3998	.5061867	.0089344	-1.37333	1.026060	.7182483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6703665	2.177076	-.079826	-.000822	.3330764	7.326280	.0462852
Stddev	.1277364	.005174	.004894	.001054	.0056440	.028637	.0010134
%RSD	19.05471	.2376515	6.130385	128.2659	1.694518	.3908864	2.189557
#1	.5427411	2.178425	-.076121	-.000012	.3324964	7.355264	.0455108
#2	.6701450	2.171362	-.085373	-.000439	.3389881	7.325573	.0474322
#3	.7982136	2.181442	-.077984	-.002013	.3277448	7.298002	.0459127

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5183-20ADLX2 Acquired: 12/23/2024 18:48:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.569096	-.277067	.0696705
Stddev	.022876	.000249	.0020130
%RSD	.3482440	.0897404	2.889298
#1	6.594770	-.277314	.0676762
#2	6.561643	-.276816	.0696337
#3	6.550876	-.277072	.0717016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2209.135	28921.21	2385.876	1901.142	1844.768
Stddev	3.491	149.41	16.091	5.571	2.815
%RSD	.1580306	.5165957	.6744416	.2930466	.1526060
#1	2207.209	28754.55	2368.431	1896.206	1844.178
#2	2213.165	29043.14	2389.059	1900.036	1847.832
#3	2207.031	28965.93	2400.138	1907.183	1842.295

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5009-04A Acquired: 12/23/2024 18:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0692813	.0130976	.1886873	.1476454	.0299546	66.99090
Stddev	.0019867	.0049091	.0029220	.0068575	.0038345	.21676
%RSD	2.867542	37.48095	1.548608	4.644593	12.80086	.3235722
#1	.0673447	.0148292	.1867491	.1479207	.0343770	66.76110
#2	.0713145	.0169063	.1872645	.1543611	.0275565	67.01988
#3	.0691848	.0075574	.1920482	.1406543	.0279304	67.19171

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7823254	.0053926	.0069907	231.7730	.1135590	.1302838
Stddev	.0017531	.0000602	.0001570	.7668	.0013025	.0006049
%RSD	.2240886	1.116881	2.245248	.3308621	1.146976	.4643172
#1	.7805054	.0054534	.0068154	231.3378	.1150009	.1304758
#2	.7824681	.0053914	.0071180	231.3227	.1124677	.1307695
#3	.7840029	.0053329	.0070388	232.6584	.1132085	.1296062

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4081013	154.2592	12.07134	94.91377	.2084822	.0054240
Stddev	.0114847	.3507	.02191	.10022	.0009122	.0010219
%RSD	2.814171	.2273565	.1815161	.1055856	.4375493	18.84041
#1	.4119879	153.9318	12.07703	94.99411	.2090392	.0045911
#2	.3951776	154.2165	12.04714	94.80147	.2089778	.0065643
#3	.4171384	154.6294	12.08984	94.94572	.2074294	.0051166

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.368396	.1677963	1.805927	7.607620	F 11.58929	.0045136
Stddev	.321640	.0052534	.030858	.049560	.00932	.0021253
%RSD	87.30817	3.130800	1.708716	.6514494	.0804156	47.08652
#1	-.714905	.1626056	1.808810	7.564221	11.59081	.0037846
#2	-.079379	.1731101	1.773728	7.661624	11.57930	.0028487
#3	-.310905	.1676731	1.835242	7.597015	11.59775	.0069074

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5009-04A Acquired: 12/23/2024 18:52:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049444	1.939975	8.477367	.0280806	1.359144	.0862852
Stddev	.0001221	.006495	.059182	.0035640	.004462	.0005818
%RSD	2.469035	.3348099	.6981203	12.69205	.3282989	.6742190
#1	.0049874	1.939115	8.512747	.0246943	1.361166	.0856329
#2	.0048067	1.946857	8.510312	.0277486	1.354029	.0867504
#3	.0050392	1.933952	8.409044	.0317991	1.362237	.0864723

Elem	Li6707
Units	ppm
Avg	.1147043
Stddev	.0033077
%RSD	2.883636
#1	.1159101
#2	.1172399
#3	.1109629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.371	32462.53	2690.801	2115.998	1719.197
Stddev	7.232	162.59	20.131	9.359	2.746
%RSD	.2921628	.5008653	.7481368	.4423203	.1597477
#1	2469.697	32363.45	2683.509	2108.460	1716.606
#2	2472.902	32373.96	2675.333	2113.059	1718.907
#3	2483.515	32650.18	2713.562	2126.474	1722.076

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5028-07A Acquired: 12/23/2024 18:56:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1795409	-.078437	1.137132	.1788945	.0467682	103.0509	.7920809
Stddev	.0037665	.006947	.005839	.0024412	.0012444	.8388	.0056524
%RSD	2.097865	8.856630	.5134479	1.364599	2.660851	.8139732	.7136081
#1	.1804175	-.070839	1.136677	.1816549	.0473657	102.2228	.7857364
#2	.1754134	-.080009	1.143185	.1770197	.0453377	103.0300	.7939268
#3	.1827919	-.084464	1.131534	.1780089	.0476012	103.9000	.7965796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096993	.0081117	85.44023	.1526382	.1595219	.2967148	236.1313
Stddev	.0000646	.0000954	.56159	.0003751	.0005814	.0069019	1.7849
%RSD	.6657112	1.176535	.6572862	.2457245	.3644430	2.326108	.7558931
#1	.0096308	.0081481	84.85558	.1530625	.1601307	.2984551	234.1641
#2	.0097080	.0080034	85.48962	.1523507	.1594623	.3025800	236.5825
#3	.0097591	.0081836	85.97549	.1525015	.1589726	.2891093	237.6473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.34341	33.54203	.2030754	.0087099	-.735231	.2286230	1.104654
Stddev	.11722	.15741	.0009069	.0005016	1.162032	.0046776	.021903
%RSD	.7172089	.4692783	.4466020	5.759194	158.0499	2.045973	1.982799
#1	16.22376	33.36147	.2030452	.0089176	-1.99239	.2324092	1.120067
#2	16.34844	33.61427	.2039971	.0081378	-.51284	.2233940	1.079582
#3	16.45803	33.65034	.2021840	.0090743	.29953	.2300657	1.114315

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136192	3.651235	-.012288	.0062380	1.535114	11.85546	.0436749
Stddev	.126574	.012801	.002448	.0003201	.010950	.11726	.0011499
%RSD	2.464359	.3505830	19.92379	5.131180	.7133196	.9890806	2.632744
#1	5.076262	3.639415	-.013500	.0065953	1.530566	11.72914	.0445724
#2	5.281601	3.664831	-.013894	.0061413	1.547605	11.96083	.0423788
#3	5.050713	3.649459	-.009470	.0059774	1.527170	11.87643	.0440735

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5028-07A Acquired: 12/23/2024 18:56:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK40A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7919357	-.014884	.0877152
Stddev	.0033345	.000544	.0024420
%RSD	.4210625	3.656071	2.784039
#1	.7933823	-.014288	.0905091
#2	.7881222	-.015010	.0859879
#3	.7943027	-.015355	.0866486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2740.530	35584.75	2872.882	2359.523	1859.512
Stddev	7.988	107.57	12.351	15.059	9.372
%RSD	.2914716	.3022998	.4299292	.6382343	.5039976
#1	2739.606	35463.14	2886.790	2342.958	1860.714
#2	2733.045	35667.47	2863.194	2372.387	1849.597
#3	2748.940	35623.63	2868.661	2363.222	1868.225

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV004 Acquired: 12/23/2024 19:00:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.019509	4.821603	24.42597	4.875769	4.851593	399.7338	10.08989
Stddev	.023783	.005401	.06830	.006974	.009453	1.7724	.03393
%RSD	.4738149	.1120076	.2796274	.1430278	.1948371	.4433912	.3362843
#1	4.993833	4.815518	24.34717	4.868180	4.843200	398.2401	10.06685
#2	5.023908	4.823466	24.46265	4.881895	4.849748	399.2690	10.07397
#3	5.040785	4.825825	24.46810	4.877232	4.861833	401.6923	10.12885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5057061	2.454921	407.7454	15.31886	2.452838	15.08147	411.9755
Stddev	.0074066	.006038	1.7317	.02561	.005936	.05396	2.5316
%RSD	1.464598	.2459713	.4247025	.1671833	.2419997	.3578049	.6145055
#1	.4972752	2.448134	406.2024	15.34740	2.446440	15.05890	409.8047
#2	.5086780	2.459699	407.4154	15.31126	2.458166	15.04246	411.3653
#3	.5111651	2.456929	409.6183	15.29790	2.453908	15.14306	414.7564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00170	407.0850	2.479428	1.281834	404.3539	2.534611	15.47284
Stddev	.03900	1.8423	.003329	.002162	3.2269	.006036	.13283
%RSD	.2599990	.4525540	.1342604	.1686488	.7980417	.2381519	.8584841
#1	14.97020	405.4680	2.475659	1.284135	402.2385	2.535253	15.61449
#2	14.98956	406.6964	2.481969	1.279846	402.7551	2.528280	15.45297
#3	15.04533	409.0906	2.480655	1.281520	408.0680	2.540301	15.35106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.8999	4.926005	4.829114	4.868374	4.889106	4.762549	4.962740
Stddev	.4358	.011972	.054141	.011856	.012509	.056815	.014097
%RSD	.2888269	.2430299	1.121136	.2435240	.2558560	1.192963	.2840483
#1	150.5456	4.915963	4.772093	4.863841	4.875045	4.697926	4.951286
#2	150.7676	4.939253	4.835426	4.859454	4.898998	4.785071	4.978483
#3	151.3866	4.922798	4.879822	4.881828	4.893275	4.804651	4.958451

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV004 Acquired: 12/23/2024 19:00:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.999172	4.743997	5.064694
Stddev	.024382	.015818	.024304
%RSD	.4877159	.3334417	.4798645
#1	4.986671	4.728339	5.043354
#2	4.983577	4.743682	5.059579
#3	5.027269	4.759971	5.091148

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1786.292	24327.61	2090.581	1520.345	1562.435
Stddev	4.359	114.93	19.237	8.998	3.347
%RSD	.2440284	.4724192	.9201594	.5918565	.2142006
#1	1781.259	24210.58	2112.768	1514.151	1561.257
#2	1788.881	24331.92	2078.555	1516.218	1559.837
#3	1788.736	24440.31	2080.422	1530.667	1566.212

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB004 Acquired: 12/23/2024 19:03:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003056	.0010860	.0031785	.0048141	-.000613	.0611703	-.003997
Stddev	.003019	.0010582	.0006492	.0022029	.001990	.0118890	.002086
%RSD	98.79424	97.43986	20.42649	45.75841	324.6471	19.43588	52.18499
#1	-.002564	.0020620	.0031994	.0023437	-.001589	.0611508	-.003033
#2	-.000313	.0012347	.0025190	.0055246	-.001927	.0730691	-.006390
#3	-.006291	-.000039	.0038170	.0065740	.001677	.0492911	-.002567

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000885	-.000005	-.007757	-.000276	-.000150	.0089116	.0442300
Stddev	.0001850	.000023	.004700	.000610	.000194	.0139967	.0400063
%RSD	208.9664	486.3816	60.58704	220.9081	129.4071	157.0615	90.45069
#1	.0002824	.000022	-.013180	-.000285	-.000362	.0024689	.0214768
#2	-.000086	-.000022	-.004854	.000338	.000021	-.000704	.0207895
#3	.000069	-.000014	-.005238	-.000881	-.000110	.024970	.0904236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019632	.0218244	.0007121	.0000137	-1.81516	.0003220	-.005952
Stddev	.0014355	.0230076	.0005021	.0007024	.23617	.0034703	.014331
%RSD	73.11929	105.4216	70.50619	5140.920	13.01087	1077.631	240.7758
#1	.0005056	.0161650	.0011655	-.000274	-2.08690	.0043286	-.010350
#2	.0020084	.0471335	.0007984	-.000499	-1.65949	-.001740	-.017568
#3	.0033755	.0021745	.0001725	.000814	-1.69908	-.001623	.010062

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.618107	.0003385	.0035311	.0010287	-.006932	-.080831	.0003060
Stddev	.210034	.0008145	.0025715	.0002541	.003160	.001023	.0010054
%RSD	33.98020	240.6078	72.82475	24.69505	45.58359	1.265557	328.5235
#1	-.722772	.0011327	.0031289	.0012449	-.010551	-.081843	.0004107
#2	-.376306	-.000495	.0011844	.0010925	-.004717	-.079797	.0012550
#3	-.755243	.000378	.0062801	.0007489	-.005529	-.080854	-.000748

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB004 Acquired: 12/23/2024 19:03:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB004 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0034276	.0001392	.0052659
Stddev	.0033304	.0003006	.0022124
%RSD	97.16518	215.9678	42.01407
#1	.0009325	.0003213	.0036034
#2	.0021409	.0003040	.0044174
#3	.0072094	-.000208	.0077770

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.713	26570.15	2133.116	1751.389	1832.215
Stddev	5.537	98.23	12.034	12.238	3.680
%RSD	.2738572	.3696827	.5641562	.6987471	.2008499
#1	2019.378	26457.34	2119.485	1737.274	1828.230
#2	2017.726	26636.78	2137.591	1759.025	1832.932
#3	2028.034	26616.32	2142.271	1757.868	1835.485

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-05A Acquired: 12/23/2024 19:07:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0895516	-.028352	3.079321	.1060495	.0307467	60.95800	1.504281
Stddev	.0053409	.005313	.006260	.0043019	.0024214	.83729	.016520
%RSD	5.964053	18.73935	.2032931	4.056541	7.875237	1.373553	1.098227
#1	.0839286	-.034400	3.078769	.1025294	.0335300	61.07491	1.503954
#2	.0945567	-.026219	3.073355	.1108448	.0295853	60.06840	1.487927
#3	.0901694	-.024437	3.085838	.1047742	.0291247	61.73069	1.520963

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061985	.0086854	251.9745	.1258857	.1018306	.2968220	134.2558
Stddev	.0001544	.0001050	2.3108	.0008408	.0007723	.0074194	1.2818
%RSD	2.490104	1.209191	.9170580	.6679300	.7584093	2.499614	.9547158
#1	.0062445	.0087992	251.7522	.1258777	.1011653	.2910020	134.2387
#2	.0060263	.0085922	249.7830	.1250490	.1016491	.2942874	132.9826
#3	.0063245	.0086647	254.3884	.1267306	.1026775	.3051765	135.5460

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.407109	52.17221	.1796557	.0061953	-1.02146	.1464662	5.119983
Stddev	.067614	.55118	.0005724	.0002984	.28295	.0017759	.030509
%RSD	.8042506	1.056471	.3185991	4.816704	27.70006	1.212487	.5958872
#1	8.413126	52.28793	.1794967	.0058760	-1.21130	.1453483	5.086927
#2	8.336688	51.57236	.1802907	.0062426	-.69626	.1455364	5.125961
#3	8.471514	52.65635	.1791796	.0064672	-1.15683	.1485139	5.147061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.484868	9.974494	.0361069	.0087592	5.078736	12.02594	.1054463
Stddev	.232588	.023658	.0051643	.0004610	.006902	.14358	.0008803
%RSD	2.741204	.2371885	14.30280	5.262533	.1359036	1.193960	.8348615
#1	8.350385	9.991460	.0351803	.0082341	5.076145	12.10541	.1055418
#2	8.350782	9.947468	.0314686	.0089462	5.073504	11.86019	.1045221
#3	8.753436	9.984554	.0416717	.0090973	5.086559	12.11221	.1062750

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-05A Acquired: 12/23/2024 19:07:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK97A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9618752	.1750105	.0868977
Stddev	.0268661	.0020659	.0058600
%RSD	2.793095	1.180439	6.743562
#1	.9567947	.1747968	.0926419
#2	.9379121	.1730598	.0809284
#3	.9909188	.1771750	.0871227

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2308.894	30103.05	2509.856	1980.811	1757.731
Stddev	5.743	103.22	25.323	7.782	5.316
%RSD	.2487434	.3428822	1.008953	.3928733	.3024293
#1	2311.752	30118.53	2496.758	1972.762	1759.149
#2	2312.648	30197.65	2539.046	1988.296	1762.195
#3	2302.283	29992.96	2493.765	1981.375	1751.850

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-03A Acquired: 12/23/2024 19:11:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1838558	-.032666	.6060495	.1540490	.0406267	74.14206	1.704705
Stddev	.0012436	.003468	.0019441	.0011131	.0037216	.30705	.010286
%RSD	.6764103	10.61704	.3207814	.7225730	9.160592	.4141382	.6033977
#1	.1825638	-.034840	.6040830	.1531999	.0387583	74.23768	1.708703
#2	.1850446	-.034491	.6079704	.1553092	.0382094	74.38993	1.712391
#3	.1839591	-.028666	.6060950	.1536381	.0449123	73.79858	1.693020

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066429	.0115538	204.1658	.1109638	.1564067	.6593535	202.0175
Stddev	.0002392	.0000492	.5845	.0007841	.0011276	.0065484	.5731
%RSD	3.601280	.4262699	.2863095	.7065972	.7209506	.9931564	.2836934
#1	.0066810	.0115685	204.5520	.1104142	.1572614	.6663113	202.2023
#2	.0068608	.0115940	204.4520	.1106155	.1551287	.6584385	202.4754
#3	.0063869	.0114989	203.4933	.1118617	.1568300	.6533108	201.3748

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	29.92919	78.94244	.2030820	.0135347	-1.91960	.1618923	1.627571
Stddev	.11952	.15529	.0013346	.0011112	.29304	.0061667	.017763
%RSD	.3993442	.1967133	.6571611	8.210061	15.26589	3.809148	1.091379
#1	29.96398	78.81661	.2045341	.0137614	-1.90685	.1622191	1.627590
#2	30.02745	79.11599	.2019091	.0145151	-1.63314	.1555687	1.645325
#3	29.79613	78.89472	.2028029	.0123277	-2.21881	.1678891	1.609799

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.277154	6.513537	.0099884	.0076622	2.432752	12.25286	.0401213
Stddev	.076410	.012747	.0031553	.0004838	.007812	.06873	.0015387
%RSD	1.217265	.1957002	31.58994	6.313941	.3211311	.5609112	3.835153
#1	6.270524	6.527097	.0071105	.0082165	2.441427	12.19383	.0384695
#2	6.356663	6.501798	.0094922	.0074452	2.430558	12.32831	.0403803
#3	6.204276	6.511717	.0133624	.0073249	2.426271	12.23644	.0415140

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5034-03A Acquired: 12/23/2024 19:11:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB6A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4549454	.0074127	.0772608
Stddev	.0029873	.0005324	.0014608
%RSD	.6566244	7.182479	1.890688
#1	.4534589	.0080010	.0757909
#2	.4529931	.0072733	.0772791
#3	.4583844	.0069639	.0787123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2749.992	35758.17	2948.892	2357.128	1808.717
Stddev	7.279	188.94	22.657	7.069	8.853
%RSD	.2646864	.5283752	.7683130	.2998948	.4894617
#1	2750.969	35654.72	2923.268	2349.009	1809.329
#2	2756.733	35976.24	2957.135	2360.456	1817.248
#3	2742.274	35643.54	2966.273	2361.919	1799.574

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5037-06A Acquired: 12/23/2024 19:15:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252823	-.020386	4.418269	.1020320	.0295335	55.45297	2.095251
Stddev	.0084094	.003597	.009990	.0027026	.0025746	1.41237	.060228
%RSD	6.712392	17.64551	.2261121	2.648754	8.717683	2.546975	2.874479
#1	.1273158	-.017412	4.407847	.1002705	.0270333	55.34872	2.094686
#2	.1160426	-.024384	4.419196	.1006818	.0293907	54.09561	2.035308
#3	.1324886	-.019361	4.427763	.1051436	.0321766	56.91458	2.155759

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056242	.0142737	374.2223	.1118203	.1130004	.2950655	129.0334
Stddev	.0001979	.0002469	9.6624	.0010529	.0005615	.0100832	3.2509
%RSD	3.518216	1.729621	2.582004	.9415708	.4969021	3.417285	2.519408
#1	.0056150	.0141107	374.0631	.1127394	.1128135	.3022836	128.7952
#2	.0054311	.0145578	364.6404	.1106716	.1125562	.2835447	125.9082
#3	.0058265	.0141527	383.9633	.1120500	.1136315	.2993683	132.3969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.20659	38.53603	.1391310	.0071720	-1.40235	.1527004	1.903602
Stddev	.27430	1.08309	.0010347	.0003673	.39734	.0050885	.027609
%RSD	2.687527	2.810586	.7437178	5.121879	28.33369	3.332359	1.450333
#1	10.21545	38.51667	.1380778	.0073154	-1.14056	.1480442	1.912513
#2	9.92796	37.46275	.1401463	.0067545	-1.20694	.1581322	1.872639
#3	10.47636	39.62866	.1391688	.0074459	-1.85956	.1519248	1.925655

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.364597	9.813293	.0084765	.0067388	2.518190	8.746439	.1844302
Stddev	.134409	.021918	.0011758	.0008230	.007390	.211963	.0029389
%RSD	3.079523	.2233538	13.87134	12.21307	.2934677	2.423418	1.593513
#1	4.263148	9.793942	.0071624	.0072639	2.510948	8.743355	.1855168
#2	4.313602	9.808840	.0094290	.0071621	2.517902	8.536035	.1811027
#3	4.517041	9.837095	.0088382	.0057903	2.525720	8.959927	.1866711

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5037-06A Acquired: 12/23/2024 19:15:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKC0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8859397	.4542531	.0840731
Stddev	.0279075	.0126782	.0071449
%RSD	3.150041	2.791002	8.498493
#1	.8839879	.4545320	.0818349
#2	.8590594	.4414377	.0783152
#3	.9147719	.4667896	.0920692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2273.219	29658.51	2532.568	1949.206	1700.323
Stddev	5.252	53.61	60.723	5.435	2.995
%RSD	.2310263	.1807515	2.397702	.2788382	.1761328
#1	2269.835	29692.83	2535.467	1943.481	1697.843
#2	2270.552	29596.73	2591.791	1949.841	1699.477
#3	2279.269	29685.96	2470.448	1954.295	1703.650

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-07A Acquired: 12/23/2024 19:19:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622393	-.019953	.1773905	.0863554	.0220181	43.27141
Stddev	.0015841	.005277	.0029881	.0013766	.0044501	.26655
%RSD	2.545148	26.44683	1.684471	1.594129	20.21098	.6159966
#1	.0628530	-.021859	.1773963	.0857876	.0184615	43.49174
#2	.0634247	-.024012	.1803756	.0879251	.0205845	43.34736
#3	.0604402	-.013988	.1743995	.0853534	.0270082	42.97513

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6019376	.0045223	.0035789	F 876.2210	.0651266	.1080883
Stddev	.0036415	.0000768	.0001334	3.8437	.0009797	.0008233
%RSD	.6049689	1.698938	3.726408	.4386707	1.504276	.7616777
#1	.6052547	.0045952	.0034760	879.7493	.0659803	.1072348
#2	.6025170	.0045298	.0035311	876.7888	.0640569	.1088776
#3	.5980411	.0044421	.0037295	872.1250	.0653425	.1081526

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2560611	128.4156	7.423799	181.5877	.1148427	.0044392
Stddev	.0010083	.8552	.052851	.8980	.0011613	.0008549
%RSD	.3937760	.6659901	.7119114	.4945052	1.011203	19.25752
#1	.2571035	129.0564	7.463898	182.2305	.1145484	.0050317
#2	.2559888	128.7460	7.443590	181.9708	.1161228	.0048268
#3	.2550908	127.4445	7.363909	180.5617	.1138569	.0034592

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.987113	.1191154	.4434657	7.806863	7.690899	.0393707
Stddev	.495727	.0041885	.0187912	.110167	.012941	.0021507
%RSD	50.21986	3.516345	4.237351	1.411153	.1682575	5.462809
#1	-1.33982	.1144159	.4598961	7.927377	7.691336	.0387036
#2	-.42032	.1204754	.4229769	7.781878	7.677746	.0417760
#3	-1.20120	.1224549	.4475241	7.711335	7.703616	.0376326

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5039-07A Acquired: 12/23/2024 19:19:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKJ7A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031023	2.009900	12.71023	.0276434	1.433235	.7211283
Stddev	.0001479	.009733	.01322	.0017040	.023124	.0019898
%RSD	4.766122	.4842671	.1039942	6.164223	1.613389	.2759239
#1	.0029952	2.017789	12.72517	.0274053	1.459933	.7233110
#2	.0030408	1.999023	12.70544	.0294540	1.419602	.7206583
#3	.0032710	2.012888	12.70007	.0260710	1.420168	.7194156

Elem	Li6707
Units	ppm
Avg	.0801764
Stddev	.0020770
%RSD	2.590579
#1	.0801315
#2	.0822755
#3	.0781222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2330.376	30730.04	2581.427	2007.936	1635.929
Stddev	2.998	56.28	20.098	7.836	2.514
%RSD	.1286376	.1831412	.7785613	.3902560	.1536818
#1	2327.061	30694.38	2560.098	2011.276	1634.952
#2	2332.895	30700.82	2584.171	1998.983	1638.785
#3	2331.173	30794.92	2600.013	2013.548	1634.049

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5042-01A Acquired: 12/23/2024 19:23:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1237090	-.039323	1.860006	.1213649	.0306554	58.06873	1.296948
Stddev	.0057471	.003564	.006099	.0018551	.0041260	.08422	.001216
%RSD	4.645684	9.063444	.3278884	1.528546	13.45919	.1450290	.0937610
#1	.1300419	-.037917	1.865234	.1220845	.0344231	58.06936	1.298352
#2	.1222603	-.043376	1.853306	.1227524	.0262463	58.15263	1.296265
#3	.1188249	-.036677	1.861478	.1192578	.0312968	57.98420	1.296227

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064697	.0077133	112.7685	.0956309	.1090573	.4310138	147.5337
Stddev	.0001140	.0001252	.2618	.0006338	.0006626	.0073699	.4593
%RSD	1.762030	1.622708	.2321412	.6627895	.6075513	1.709897	.3113305
#1	.0065648	.0078578	112.6996	.0961370	.1095182	.4388540	147.7706
#2	.0063434	.0076428	113.0578	.0949200	.1082980	.4299596	147.8263
#3	.0065011	.0076394	112.5480	.0958358	.1093556	.4242277	147.0043

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.29344	29.64629	.1457972	.0097201	-.930578	.1510662	1.386141
Stddev	.05694	.07885	.0003400	.0002755	.583941	.0025562	.018196
%RSD	.5042174	.2659563	.2331979	2.834250	62.75030	1.692087	1.312729
#1	11.33094	29.69771	.1454313	.0099148	-.256303	.1540119	1.370233
#2	11.32147	29.68564	.1461034	.0098406	-1.26895	.1494326	1.405982
#3	11.22792	29.55551	.1458568	.0094049	-1.26648	.1497539	1.382209

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.255800	6.762122	.0087733	.0079743	2.016102	10.82792	.0999692
Stddev	.046265	.006857	.0011613	.0004565	.003632	.02450	.0010440
%RSD	.6376310	.1014005	13.23650	5.724540	.1801570	.2262428	1.044306
#1	7.303980	6.769104	.0074470	.0074639	2.017297	10.85416	.1003505
#2	7.211723	6.761864	.0096077	.0083437	2.018986	10.80566	.1007689
#3	7.251697	6.755398	.0092651	.0081151	2.012023	10.82395	.0987882

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5042-01A Acquired: 12/23/2024 19:23:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6830946	.8118526	.0670102
Stddev	.0013460	.0033605	.0022921
%RSD	.1970443	.4139258	3.420461
#1	.6822351	.8082681	.0646137
#2	.6824029	.8123580	.0691811
#3	.6846458	.8149318	.0672357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2450.339	32044.32	2597.224	2110.470	1826.655
Stddev	1.426	2.36	8.620	7.453	.752
%RSD	.0582085	.0073603	.3318814	.3531524	.0411446
#1	2450.738	32042.88	2587.272	2102.583	1826.427
#2	2448.756	32043.03	2602.103	2117.396	1827.494
#3	2451.524	32047.04	2602.298	2111.432	1826.044

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-01 Acquired: 12/23/2024 19:27:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM14 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1187166	-.031187	.2868859	.0604723	.0292297	56.89192
Stddev	.0048245	.002683	.0003106	.0025406	.0045540	.08509
%RSD	4.063834	8.602371	.1082537	4.201293	15.58022	.1495651
#1	.1223617	-.030012	.2867592	.0576959	.0255855	56.96118
#2	.1205424	-.029292	.2866587	.0610400	.0343350	56.91763
#3	.1132457	-.034257	.2872398	.0626811	.0277685	56.79693

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5945447	.0062381	.0049253	720.9335	.0879267	.1367082
Stddev	.0015282	.0001270	.0000473	1.2956	.0008250	.0002817
%RSD	.2570401	2.036481	.9599167	.1797080	.9382721	.2060339
#1	.5958391	.0063810	.0048709	721.7701	.0872978	.1369282
#2	.5949362	.0061379	.0049565	721.5892	.0888608	.1363908
#3	.5928589	.0061953	.0049485	719.4411	.0876215	.1368057

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5069373	164.6179	10.67744	132.9904	.1856282	.0063547
Stddev	.0045546	.2846	.02574	.3947	.0010979	.0005882
%RSD	.8984580	.1728921	.2411002	.2967516	.5914547	9.255977
#1	.5103749	164.6599	10.70486	133.4245	.1843721	.0069128
#2	.5017715	164.8792	10.67366	132.8934	.1864046	.0064108
#3	.5086656	164.3147	10.65380	132.6533	.1861080	.0057404

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.705134	.1380297	.4805664	8.979762	F 11.35886	.0247774
Stddev	.560184	.0014034	.0115206	.071890	.03675	.0019946
%RSD	79.44353	1.016726	2.397292	.8005773	.3235102	8.049940
#1	-1.35198	.1391654	.4840194	8.912860	11.32442	.0227201
#2	-.38127	.1364608	.4677142	8.970655	11.35461	.0267026
#3	-.38215	.1384629	.4899656	9.055772	11.39754	.0249095

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-01 Acquired: 12/23/2024 19:27:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM14 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034810	1.762356	4.556958	.0294942	.6518835	.5066223
Stddev	.0003507	.009711	.027936	.0011397	.0075282	.0010994
%RSD	10.07578	.5510335	.6130465	3.864008	1.154839	.2169999
#1	.0033370	1.751851	4.567964	.0282105	.6529687	.5071273
#2	.0032252	1.764210	4.577714	.0303870	.6588101	.5073784
#3	.0038809	1.771006	4.525194	.0298850	.6438715	.5053611

Elem	Li6707
Units	ppm
Avg	.1084141
Stddev	.0014626
%RSD	1.349051
#1	.1083091
#2	.1070069
#3	.1099264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.256	32791.90	2758.664	2149.588	1663.336
Stddev	2.260	31.27	10.047	1.370	2.587
%RSD	.0902770	.0953677	.3642118	.0637262	.1555433
#1	2500.941	32782.95	2749.696	2151.136	1663.064
#2	2505.456	32766.09	2756.774	2149.095	1666.048
#3	2503.370	32826.68	2769.522	2148.532	1660.895

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-02 Acquired: 12/23/2024 19:31:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM15 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1013409	-.043997	2.083816	.0744636	.0329566	64.03967
Stddev	.0051796	.001466	.015170	.0029477	.0055137	.22563
%RSD	5.111091	3.332037	.7279732	3.958614	16.73031	.3523298
#1	.0954942	-.043167	2.066304	.0771951	.0272267	63.84568
#2	.1031733	-.045690	2.092243	.0748565	.0382252	64.28728
#3	.1053552	-.043135	2.092902	.0713391	.0334178	63.98605

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.039386	.0061273	.0074620	125.0461	.2927634	.1112299
Stddev	.002926	.0001572	.0000974	.2652	.0008100	.0011976
%RSD	.2814924	2.565015	1.305125	.2121102	.2766851	1.076657
#1	1.039646	.0063055	.0074474	124.9932	.2936637	.1098485
#2	1.042172	.0060086	.0073727	125.3338	.2920935	.1118663
#3	1.036338	.0060678	.0075659	124.8113	.2925330	.1119749

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4087683	148.9661	8.868040	34.62251	.2489860	.0080421
Stddev	.0060751	.6634	.031961	.06039	.0019574	.0002329
%RSD	1.486186	.4453394	.3604021	.1744287	.7861497	2.895980
#1	.4078443	148.6051	8.863455	34.62642	.2471387	.0080142
#2	.4032082	149.7317	8.902046	34.56026	.2487819	.0078244
#3	.4152524	148.5616	8.838620	34.68086	.2510375	.0082877

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.12196	.1620632	1.839903	7.231924	F 13.65551	.0226659
Stddev	.77151	.0003194	.013429	.102632	.12128	.0015942
%RSD	68.76475	.1971172	.7298609	1.419157	.8881735	7.033492
#1	-.72188	.1617073	1.831120	7.243415	13.51874	.0243592
#2	-.63266	.1621573	1.855361	7.328328	13.69781	.0224446
#3	-2.01133	.1623250	1.833228	7.124030	13.74997	.0211940

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-02 Acquired: 12/23/2024 19:31:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM15 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0136467	5.669478	4.063768	.0915150	.8222798	.0827174
Stddev	.0001629	.039196	.022312	.0014871	.0028007	.0004423
%RSD	1.193640	.6913537	.5490474	1.625018	.3406079	.5346880
#1	.0137834	5.624333	4.045115	.0899385	.8240999	.0827183
#2	.0134665	5.689256	4.088485	.0928927	.8190546	.0822747
#3	.0136902	5.694845	4.057705	.0917139	.8236848	.0831592

Elem	Li6707
Units	ppm
Avg	.0879730
Stddev	.0049078
%RSD	5.578766
#1	.0889071
#2	.0826652
#3	.0923466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.841	32545.20	2642.359	2132.212	1846.097
Stddev	19.674	47.85	10.336	4.979	15.577
%RSD	.7927070	.1470213	.3911741	.2335046	.8437558
#1	2504.545	32506.76	2647.297	2133.691	1863.566
#2	2469.809	32598.79	2630.480	2136.284	1833.654
#3	2471.170	32530.04	2649.300	2126.661	1841.070

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-03 Acquired: 12/23/2024 19:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM16 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123266	-.047954	2.310999	.0750970	.0344215	62.16879
Stddev	.0027289	.000581	.003170	.0035551	.0011898	1.57935
%RSD	2.429394	1.210872	.1371852	4.733955	3.456596	2.540428
#1	.1139324	-.048619	2.310171	.0710042	.0348754	60.35313
#2	.1091758	-.047552	2.308325	.0768691	.0353175	62.92872
#3	.1138716	-.047690	2.314502	.0774177	.0330715	63.22453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9396039	.0060861	.0071737	74.35208	.1905902	.1002285
Stddev	.0249474	.0000449	.0001325	1.86551	.0005188	.0004897
%RSD	2.655094	.7379376	1.846402	2.509024	.2722167	.4885464
#1	.9109675	.0060424	.0073016	72.20061	.1911829	.1000848
#2	.9512128	.0060837	.0071824	75.33541	.1903694	.0998268
#3	.9566313	.0061321	.0070371	75.52021	.1902182	.1007739

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2966614	143.2558	7.864141	30.18935	.2051535	.0061205
Stddev	.0132943	3.5110	.194807	.76870	.0003003	.0003111
%RSD	4.481288	2.450827	2.477159	2.546262	.1463937	5.082526
#1	.2890467	139.2029	7.639197	29.30711	.2049112	.0063849
#2	.2889253	145.1958	7.976436	30.54599	.2054895	.0061989
#3	.3120121	145.3687	7.976789	30.71495	.2050597	.0057777

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.965513	.1645243	1.402517	5.250367	F 11.75500	.0187571
Stddev	.599441	.0051271	.034726	.280348	.01548	.0026034
%RSD	62.08529	3.116330	2.475988	5.339594	.1316752	13.87951
#1	-.430323	.1684428	1.377836	4.929740	11.74068	.0170985
#2	-1.61325	.1587217	1.387489	5.449331	11.75291	.0174152
#3	-.85296	.1664085	1.442226	5.372029	11.77142	.0217577

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-03 Acquired: 12/23/2024 19:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM16 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101208	3.581614	3.929294	.0742985	.9045762	.0161415
Stddev	.0002382	.010671	.062766	.0016133	.0223964	.0005475
%RSD	2.353897	.2979270	1.597377	2.171317	2.475896	3.391753
#1	.0103956	3.570601	3.857538	.0729229	.8787371	.0155101
#2	.0099936	3.591906	3.956351	.0760741	.9184197	.0164289
#3	.0099731	3.582334	3.973993	.0738986	.9165718	.0164853

Elem	Li6707
Units	ppm
Avg	.0823227
Stddev	.0040639
%RSD	4.936530
#1	.0782105
#2	.0863365
#3	.0824210

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2507.488	32829.88	2677.875	2168.815	1864.846
Stddev	2.932	197.19	48.497	8.131	3.752
%RSD	.1169452	.6006312	1.811022	.3749044	.2011779
#1	2510.459	33049.93	2733.772	2178.014	1869.044
#2	2507.409	32770.49	2652.855	2165.844	1861.821
#3	2504.596	32669.21	2646.997	2162.587	1863.674

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-04 Acquired: 12/23/2024 19:38:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM17 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1575959	-.049369	2.367253	.0844578	.0398493	73.85069
Stddev	.0023837	.002591	.002585	.0033567	.0006972	.12687
%RSD	1.512554	5.248254	.1092041	3.974357	1.749642	.1717903
#1	.1566137	-.050499	2.370185	.0825533	.0406509	73.97038
#2	.1558602	-.046405	2.366276	.0824866	.0395130	73.71769
#3	.1603138	-.051203	2.365299	.0883336	.0393840	73.86400

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.162355	.0073404	.0086412	247.4225	.1399014	.1414685
Stddev	.005936	.0002973	.0000885	.8003	.0010188	.0005280
%RSD	.5107141	4.049829	1.023863	.3234650	.7282294	.3732375
#1	1.168688	.0075787	.0085498	248.3129	.1404464	.1420119
#2	1.156918	.0074353	.0086473	246.7631	.1405319	.1409574
#3	1.161458	.0070073	.0087264	247.1915	.1387260	.1414363

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4203225	182.4023	12.28544	59.15284	.2133999	.0084264
Stddev	.0071303	.6381	.04336	.49588	.0014440	.0011773
%RSD	1.696389	.3498473	.3529499	.8383078	.6766620	13.97208
#1	.4122895	183.1388	12.33430	59.64724	.2146560	.0075398
#2	.4259025	182.0533	12.25154	59.15581	.2137214	.0097622
#3	.4227755	182.0148	12.27047	58.65548	.2118222	.0079772

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.39306	.1875861	1.721195	7.372362	F 11.24994	.0066694
Stddev	.34351	.0064892	.008878	.117607	.00956	.0013245
%RSD	24.65885	3.459331	.5158162	1.595246	.0849673	19.85993
#1	-1.70515	.1937435	1.721793	7.468621	11.26020	.0080785
#2	-1.44903	.1808094	1.729758	7.407190	11.24834	.0054498
#3	-1.02500	.1882055	1.712032	7.241274	11.24129	.0064798

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-04 Acquired: 12/23/2024 19:38:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM17 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085918	2.739953	4.337008	.0825996	.9366015	.0716909
Stddev	.0003827	.003768	.017934	.0017774	.0087330	.0003450
%RSD	4.454477	.1375319	.4135146	2.151823	.9324176	.4812450
#1	.0090092	2.740696	4.356650	.0844695	.9265323	.0714758
#2	.0082573	2.735868	4.321505	.0823972	.9421100	.0720888
#3	.0085089	2.743294	4.332870	.0809320	.9411621	.0715081

Elem	Li6707
Units	ppm
Avg	.1004701
Stddev	.0027112
%RSD	2.698511
#1	.0988802
#2	.0989295
#3	.1036006

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2558.404	33199.32	2740.137	2189.487	1767.830
Stddev	1.125	171.08	19.939	20.141	.244
%RSD	.0439802	.5153146	.7276675	.9199045	.0138058
#1	2559.479	33030.15	2718.738	2175.855	1767.875
#2	2557.234	33195.56	2743.479	2179.985	1767.566
#3	2558.498	33372.25	2758.194	2212.621	1768.048

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-05 Acquired: 12/23/2024 19:42:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM18 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1435189	-.059840	5.476937	.0942742	.0396500	69.29366
Stddev	.0043617	.003101	.005403	.0013843	.0030746	.33029
%RSD	3.039093	5.181448	.0986409	1.468414	7.754444	.4766459
#1	.1423201	-.056866	5.477522	.0958689	.0361035	68.91449
#2	.1398819	-.063053	5.471265	.0933824	.0412812	69.51877
#3	.1483546	-.059602	5.482023	.0935712	.0415654	69.44771

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.547300	.0072033	.0103378	92.28652	.1400667	.1263741
Stddev	.010651	.0000860	.0001046	.38059	.0008855	.0007103
%RSD	.4181372	1.193972	1.012177	.4124044	.6322094	.5620746
#1	2.535024	.0072673	.0103755	91.89558	.1391727	.1265948
#2	2.554082	.0072372	.0102195	92.65585	.1400840	.1255797
#3	2.552794	.0071055	.0104183	92.30812	.1409435	.1269479

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5716014	179.8817	11.55312	26.21185	.1866913	.0097051
Stddev	.0075656	.4506	.03667	.09634	.0009532	.0005988
%RSD	1.323585	.2504926	.3173767	.3675503	.5105594	6.169769
#1	.5633048	179.3769	11.51089	26.10525	.1876748	.0090860
#2	.5781190	180.2433	11.57690	26.29271	.1857717	.0102813
#3	.5733804	180.0249	11.57157	26.23758	.1866275	.0097479

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.32131	.1855647	2.618007	7.732454	F 14.39280	.0146318
Stddev	.36760	.0147818	.023874	.047830	.03986	.0004986
%RSD	27.82065	7.965870	.9119102	.6185625	.2769324	3.407760
#1	-1.67333	.1696141	2.604663	7.733763	14.35117	.0141924
#2	-.93990	.1882781	2.645570	7.683983	14.39662	.0145293
#3	-1.35071	.1988018	2.603788	7.779616	14.43062	.0151737

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-05 Acquired: 12/23/2024 19:42:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM18 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089042	3.361219	4.420208	.1410216	.9001725	.0832608
Stddev	.0005248	.004265	.036069	.0007733	.0030719	.0009153
%RSD	5.894213	.1268829	.8160006	.5483690	.3412561	1.099361
#1	.0088142	3.358259	4.399813	.1412473	.8972075	.0830773
#2	.0084302	3.366107	4.398957	.1401605	.8999689	.0842541
#3	.0094682	3.359290	4.461853	.1416569	.9033412	.0824512

Elem	Li6707
Units	ppm
Avg	.0989337
Stddev	.0042833
%RSD	4.329465
#1	.0942043
#2	.1025519
#3	.1000448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2590.713	33752.90	2763.642	2230.673	1848.732
Stddev	7.756	150.67	14.668	14.303	5.737
%RSD	.2993586	.4463899	.5307464	.6411764	.3103150
#1	2593.289	33920.45	2779.094	2242.666	1848.895
#2	2596.853	33628.55	2761.920	2214.844	1854.386
#3	2581.997	33709.69	2749.910	2234.510	1842.916

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-06 Acquired: 12/23/2024 19:46:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM19 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1402854	-.041293	1.266073	.0995985	.0394027	81.44420
Stddev	.0008763	.003712	.005236	.0024397	.0046748	.09054
%RSD	.6246291	8.988904	.4135444	2.449519	11.86402	.1111721
#1	.1402363	-.038633	1.267366	.0990421	.0437803	81.38347
#2	.1411853	-.039713	1.260312	.0974850	.0399491	81.54827
#3	.1394348	-.045534	1.270541	.1022683	.0344788	81.40088

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.329947	.0076168	.0086056	91.11246	.1437193	.1407518
Stddev	.002473	.0003619	.0001688	.02216	.0011996	.0003613
%RSD	.1859235	4.751733	1.961648	.0243218	.8346888	.2567039
#1	1.329782	.0072545	.0084513	91.09028	.1431457	.1410218
#2	1.327560	.0076175	.0085795	91.13460	.1450980	.1408922
#3	1.332497	.0079784	.0087859	91.11252	.1429140	.1403414

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3922624	190.1049	14.09901	30.25701	.2130339	.0092645
Stddev	.0025255	.1473	.01532	.09105	.0003819	.0012441
%RSD	.6438400	.0774661	.1086955	.3009174	.1792891	13.42843
#1	.3893905	190.2747	14.11517	30.32310	.2126240	.0090402
#2	.3941374	190.0264	14.08469	30.15315	.2130978	.0106055
#3	.3932591	190.0134	14.09718	30.29477	.2133798	.0081478

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.44070	.1889259	1.241457	7.200578	F 13.42049	.0085051
Stddev	.13489	.0086143	.006637	.066376	.03553	.0012576
%RSD	9.363007	4.559615	.5346448	.9218103	.2647411	14.78635
#1	-1.57343	.1966736	1.239728	7.269506	13.40843	.0099049
#2	-1.30375	.1904545	1.235855	7.195139	13.39256	.0081398
#3	-1.44493	.1796497	1.248787	7.137089	13.46048	.0074706

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-06 Acquired: 12/23/2024 19:46:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM19 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093495	3.009026	5.385096	.0636575	.9551844	.0327203
Stddev	.0006042	.003330	.026925	.0010718	.0035307	.0007380
%RSD	6.462250	.1106642	.4999992	1.683673	.3696372	2.255444
#1	.0086564	3.010646	5.413268	.0637017	.9560990	.0326286
#2	.0096273	3.005196	5.382398	.0625643	.9581678	.0334998
#3	.0097649	3.011236	5.359620	.0647065	.9512864	.0320324

Elem	Li6707
Units	ppm
Avg	.1268124
Stddev	.0039351
%RSD	3.103090
#1	.1228492
#2	.1268691
#3	.1307188

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2680.202	35046.82	2836.746	2317.749	1844.592
Stddev	5.778	244.53	8.397	20.853	3.479
%RSD	.2155718	.6977180	.2960147	.8997282	.1886281
#1	2680.704	34774.49	2827.545	2294.744	1846.940
#2	2685.712	35247.57	2838.699	2335.410	1846.241
#3	2674.190	35118.40	2843.995	2323.093	1840.595

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-07 Acquired: 12/23/2024 19:50:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM20 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0778295	-.038719	.3335027	.0668320	.0352842	60.23274	.6489582
Stddev	.0039935	.002050	.0028352	.0021435	.0015162	.29218	.0025995
%RSD	5.131037	5.295518	.8501278	3.207297	4.297190	.4850796	.4005635
#1	.0766072	-.037882	.3346013	.0683018	.0341265	60.02681	.6481959
#2	.0822913	-.041056	.3302826	.0643725	.0370004	60.10428	.6468251
#3	.0745901	-.037220	.3356242	.0678217	.0347256	60.56714	.6518536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054712	.0044923	308.2603	.0937609	.1186668	.1904115	162.8763
Stddev	.0000997	.0000582	1.2481	.0006281	.0006070	.0067715	.6692
%RSD	1.822560	1.295466	.4048910	.6698603	.5115079	3.556218	.4108943
#1	.0054040	.0044514	307.6870	.0943149	.1179909	.1833789	162.4667
#2	.0055858	.0045590	307.4019	.0938891	.1191654	.1968874	162.5137
#3	.0054238	.0044667	309.6921	.0930786	.1188441	.1909682	163.6486

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.01426	57.83524	.1715075	.0055929	-1.17630	.1651764	.5239852
Stddev	.04629	.15562	.0004168	.0004421	.66916	.0076857	.0254792
%RSD	.4622454	.2690700	.2430264	7.904057	56.88660	4.653035	4.862573
#1	9.99282	57.86653	.1716212	.0055314	-1.81504	.1645799	.4946163
#2	9.98256	57.66635	.1718557	.0060625	-1.23345	.1731430	.5401830
#3	10.06738	57.97283	.1710457	.0051848	-.48040	.1578064	.5371563

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.628740	8.149578	-.003681	.0079553	.8735110	4.695047	.0317883
Stddev	.157295	.015246	.002858	.0002314	.0072724	.010242	.0001862
%RSD	3.398227	.1870776	77.64507	2.908764	.8325523	.2181482	.5856938
#1	4.609180	8.158316	-.005061	.0081859	.8653142	4.691922	.0318465
#2	4.482140	8.131974	-.005586	.0079568	.8791897	4.686731	.0315799
#3	4.794901	8.158444	-.000395	.0077231	.8760291	4.706487	.0319384

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-07 Acquired: 12/23/2024 19:50:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM20 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9869674	.2129705	.0981133
Stddev	.0052317	.0020811	.0017545
%RSD	.5300738	.9771979	1.788252
#1	.9829602	.2108580	.0997360
#2	.9928860	.2130349	.0962515
#3	.9850560	.2150188	.0983523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.204	31716.07	2621.541	2079.101	1800.353
Stddev	7.509	152.36	10.014	16.900	5.241
%RSD	.3086075	.4803854	.3820053	.8128490	.2910984
#1	2441.144	31641.06	2612.329	2078.345	1803.773
#2	2432.253	31891.39	2632.200	2096.366	1802.967
#3	2426.216	31615.76	2620.093	2062.592	1794.319

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-08 Acquired: 12/23/2024 19:54:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM21 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0669002	-.029795	.4000644	.0514632	.0310500	49.57013	.5232404
Stddev	.0044748	.006265	.0037921	.0026723	.0003306	.12347	.0005519
%RSD	6.688839	21.02613	.9478665	5.192633	1.064720	.2490874	.1054852
#1	.0703973	-.031636	.3998898	.0512720	.0309122	49.68039	.5229491
#2	.0684459	-.034932	.4039408	.0488917	.0314272	49.43672	.5228951
#3	.0618574	-.022816	.3963626	.0542260	.0308106	49.59328	.5238770

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052275	.0041402	539.9597	.0849910	.1101595	.2532437	149.5567
Stddev	.0000592	.0000483	1.5913	.0006321	.0002691	.0038730	.0778
%RSD	1.132029	1.165888	.2947012	.7437252	.2442707	1.529362	.0520262
#1	.0052618	.0040845	541.7791	.0852299	.1102320	.2577151	149.4856
#2	.0051592	.0041654	538.8278	.0842743	.1098616	.2510831	149.6398
#3	.0052615	.0041706	539.2721	.0854689	.1103849	.2509330	149.5447

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.743953	88.21216	.1490813	.0057247	-1.65659	.1514307	.5381470
Stddev	.007100	.07132	.0002706	.0006106	.39588	.0087735	.0153435
%RSD	.0916801	.0808533	.1815258	10.66564	23.89733	5.793720	2.851181
#1	7.751131	88.13597	.1488458	.0064177	-1.32594	.1613544	.5549161
#2	7.743794	88.22317	.1493769	.0052658	-2.09527	.1482334	.5347143
#3	7.736934	88.27733	.1490212	.0054906	-1.54855	.1447043	.5248105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.493744	8.003295	.0113532	.0050525	.9008943	3.146957	.0279458
Stddev	.148654	.010509	.0025036	.0003868	.0083662	.016006	.0014173
%RSD	2.705886	.1313120	22.05213	7.656129	.9286537	.5086225	5.071613
#1	5.494580	8.007948	.0101210	.0051800	.9070524	3.165103	.0277800
#2	5.344673	8.010675	.0097045	.0046180	.8913692	3.134846	.0266187
#3	5.641978	7.991263	.0142341	.0053594	.9042612	3.140921	.0294387

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-08 Acquired: 12/23/2024 19:54:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM21 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7139518	.3920811	.0891769
Stddev	.0061025	.0014011	.0041413
%RSD	.8547528	.3573583	4.643916
#1	.7207732	.3936175	.0936607
#2	.7090106	.3908739	.0883742
#3	.7120716	.3917519	.0854956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.325	31259.99	2613.600	2044.049	1715.959
Stddev	8.965	168.51	13.171	9.528	5.106
%RSD	.3755066	.5390576	.5039416	.4661237	.2975362
#1	2397.059	31277.89	2601.762	2044.970	1718.439
#2	2379.408	31418.84	2627.788	2053.083	1710.087
#3	2385.508	31083.25	2611.250	2034.094	1719.351

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-09 Acquired: 12/23/2024 19:58:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM22 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1824605	-.051796	2.490988	.0816015	.0369453	64.98475
Stddev	.0015598	.007525	.004684	.0036660	.0023227	.13469
%RSD	.8548859	14.52779	.1880563	4.492594	6.286821	.2072573
#1	.1824113	-.055695	2.489639	.0785676	.0342674	65.03408
#2	.1840443	-.043122	2.487125	.0805618	.0381554	64.83235
#3	.1809258	-.056571	2.496198	.0856751	.0384131	65.08781

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.638637	.0068990	.0103320	163.6202	.1848807	.1202882
Stddev	.003754	.0000782	.0000096	.5948	.0008498	.0000976
%RSD	.2290906	1.133641	.0932760	.3635349	.4596340	.0811092
#1	1.639386	.0068926	.0103354	163.5345	.1846464	.1202356
#2	1.634565	.0068242	.0103395	163.0729	.1858230	.1202282
#3	1.641960	.0069802	.0103211	164.2532	.1841726	.1204008

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3790831	170.9787	7.781434	55.95545	.2954767	.0069814
Stddev	.0125489	.2017	.009682	.14617	.0010719	.0003174
%RSD	3.310333	.1179712	.1244303	.2612279	.3627804	4.546632
#1	.3761433	171.0625	7.784609	55.94602	.2953107	.0072532
#2	.3682650	170.7485	7.770563	56.10612	.2944974	.0066326
#3	.3928409	171.1249	7.789131	55.81423	.2966219	.0070583

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.679136	.1768828	2.461482	8.575013	F 15.13471	.0369422
Stddev	.176201	.0020625	.040348	.133004	.04166	.0012294
%RSD	25.94486	1.166051	1.639180	1.551067	.2752728	3.327797
#1	-.517301	.1782659	2.449286	8.452363	15.13207	.0367815
#2	-.653265	.1745121	2.428639	8.716387	15.09443	.0358010
#3	-.866842	.1778703	2.506521	8.556289	15.17763	.0382439

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-09 Acquired: 12/23/2024 19:58:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM22 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0134149	5.688309	3.426039	.1201900	.9188533	.0641522
Stddev	.0005164	.015614	.018175	.0005475	.0011708	.0011370
%RSD	3.849713	.2744905	.5304859	.4555510	.1274174	1.772413
#1	.0133895	5.670280	3.405174	.1196094	.9192248	.0644514
#2	.0139436	5.697405	3.434523	.1206970	.9175418	.0628955
#3	.0129117	5.697241	3.438421	.1202638	.9197933	.0651098

Elem	Li6707
Units	ppm
Avg	.0928382
Stddev	.0027016
%RSD	2.910054
#1	.0913025
#2	.0959577
#3	.0912545

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.432	32431.33	2665.313	2145.129	1802.882
Stddev	5.150	46.97	3.285	4.673	7.198
%RSD	.2069745	.1448291	.1232454	.2178304	.3992416
#1	2493.503	32383.34	2666.730	2139.823	1809.555
#2	2488.587	32477.20	2661.557	2146.936	1803.837
#3	2483.205	32433.46	2667.651	2148.629	1795.254

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-10 Acquired: 12/23/2024 20:01:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM23 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3148312	-.089319	2.185079	.1193108	.0535377	63.76070
Stddev	.0033671	.004975	.004680	.0011711	.0014175	.09345
%RSD	1.069486	5.569421	.2141780	.9815438	2.647718	.1465639
#1	.3167949	-.092617	2.183809	.1206629	.0519014	63.85541
#2	.3109433	-.091744	2.181165	.1186182	.0543910	63.75812
#3	.3167555	-.083597	2.190263	.1186512	.0543208	63.66856

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.199761	.0087262	.0105114	180.4676	.1610887	.1191594
Stddev	.001951	.0002406	.0000355	.2884	.0006483	.0006112
%RSD	.1626199	2.757804	.3380272	.1597977	.4024270	.5129585
#1	1.201002	.0087946	.0104988	180.6754	.1604778	.1197796
#2	1.200768	.0089252	.0104839	180.5891	.1617688	.1185575
#3	1.197512	.0084587	.0105515	180.1384	.1610194	.1191411

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3176053	245.7791	7.973342	57.23358	.2766070	.0095305
Stddev	.0069682	.3134	.014403	.16041	.0008929	.0003467
%RSD	2.193985	.1274980	.1806411	.2802810	.3228061	3.637801
#1	.3102213	246.1244	7.988199	57.21829	.2756614	.0093809
#2	.3240656	245.6998	7.959441	57.40110	.2767237	.0092837
#3	.3185291	245.5129	7.972385	57.08136	.2774357	.0099268

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.30637	.2177344	1.814622	6.519849	F 14.00999	.0075628
Stddev	.91909	.0051287	.018528	.140883	.02151	.0038289
%RSD	70.35494	2.355496	1.021030	2.160830	.1535561	50.62832
#1	-.68178	.2120512	1.798619	6.580290	13.99699	.0115724
#2	-2.36173	.2191339	1.810328	6.358831	13.99816	.0039447
#3	-.87559	.2220181	1.834921	6.620427	14.03482	.0071712

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-10 Acquired: 12/23/2024 20:01:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM23 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121085	3.786406	3.560373	.0980340	.9070800	-.006142
Stddev	.0005469	.008955	.032549	.0009215	.0061829	.000499
%RSD	4.516597	.2365126	.9142086	.9399590	.6816241	8.124159
#1	.0121360	3.787317	3.552567	.0975981	.9095514	-.006326
#2	.0115485	3.777029	3.596115	.0974114	.9116449	-.005577
#3	.0126412	3.794870	3.532436	.0990926	.9000437	-.006522

Elem	Li6707
Units	ppm
Avg	.0865496
Stddev	.0026090
%RSD	3.014477
#1	.0845887
#2	.0895107
#3	.0855494

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2475.776	32301.55	2656.513	2134.898	1800.325
Stddev	2.123	44.75	24.589	9.413	3.879
%RSD	.0857392	.1385355	.9255940	.4409264	.2154431
#1	2475.836	32273.98	2645.275	2128.370	1804.097
#2	2477.867	32353.18	2639.551	2145.689	1800.531
#3	2473.623	32277.49	2684.712	2130.636	1796.347

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-11 Acquired: 12/23/2024 20:05:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM24 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1949189	-.032761	1.408387	.0598040	.0298386	58.08730
Stddev	.0081413	.002565	.007142	.0051367	.0006426	.05476
%RSD	4.176782	7.830393	.5071274	8.589194	2.153681	.0942705
#1	.2042655	-.030609	1.404567	.0644976	.0305704	58.06306
#2	.1911184	-.035600	1.403967	.0605977	.0295790	58.04883
#3	.1893727	-.032075	1.416627	.0543166	.0293663	58.14999

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023901	.0056738	.0072337	280.9454	.1177344	.1116416
Stddev	.003249	.0001161	.0000228	.4212	.0012419	.0007824
%RSD	.3173395	2.046589	.3152738	.1499229	1.054852	.7007963
#1	1.026948	.0057352	.0072416	281.0385	.1174575	.1124929
#2	1.024273	.0057464	.0072080	280.4855	.1166542	.1109540
#3	1.020482	.0055399	.0072516	281.3123	.1190914	.1114780

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2701267	142.9715	8.935746	63.03490	.2028670	.0052175
Stddev	.0059540	.2986	.024611	.15047	.0000598	.0008101
%RSD	2.204141	.2088280	.2754174	.2387170	.0294812	15.52585
#1	.2633190	143.1496	8.959456	62.99207	.2029359	.0045376
#2	.2726989	142.6268	8.910324	63.20215	.2028283	.0050011
#3	.2743621	143.1382	8.937458	62.91049	.2028368	.0061138

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.84005	.1675457	1.257114	5.774582	F 12.18627	.0222944
Stddev	.60689	.0042580	.010906	.106658	.02522	.0015154
%RSD	32.98206	2.541395	.8675106	1.847026	.2069834	6.797240
#1	-1.24680	.1708162	1.245055	5.652275	12.16905	.0218981
#2	-1.81365	.1627311	1.266284	5.848255	12.17454	.0239686
#3	-2.45971	.1690899	1.260004	5.823215	12.21523	.0210166

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-11 Acquired: 12/23/2024 20:05:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM24 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077402	2.226879	3.640729	.0571434	.8009584	.1526464
Stddev	.0000332	.005079	.016548	.0012694	.0014067	.0004893
%RSD	.4291164	.2280709	.4545296	2.221453	.1756312	.3205630
#1	.0077138	2.221193	3.645314	.0569721	.8001585	.1525627
#2	.0077292	2.228480	3.622372	.0559684	.8001341	.1522043
#3	.0077775	2.230965	3.654501	.0584898	.8025827	.1531722

Elem	Li6707
Units	ppm
Avg	.0821919
Stddev	.0023575
%RSD	2.868258
#1	.0838980
#2	.0831760
#3	.0795018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.685	31672.16	2639.742	2081.629	1782.717
Stddev	12.111	66.59	11.890	7.500	6.927
%RSD	.4976270	.2102518	.4504358	.3602779	.3885772
#1	2441.725	31668.65	2633.128	2086.739	1787.091
#2	2439.574	31740.44	2653.469	2085.129	1786.330
#3	2419.756	31607.40	2632.630	2073.019	1774.730

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-12 Acquired: 12/23/2024 20:09:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2438699	-.138792	2.134735	.1770303	.0752307	61.97240
Stddev	.0018764	.003226	.006756	.0027215	.0025772	.13384
%RSD	.7694314	2.324516	.3164590	1.537300	3.425776	.2159650
#1	.2426584	-.138820	2.138311	.1738891	.0745743	61.85508
#2	.2429199	-.142004	2.138950	.1786794	.0730451	62.11818
#3	.2460313	-.135552	2.126943	.1785224	.0780726	61.94394

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.459469	.0106693	.0107250	253.4911	.1204812	.1588242
Stddev	.002750	.0001037	.0002599	.1599	.0007843	.0003871
%RSD	.1884242	.9717892	2.423457	.0630641	.6510108	.2437372
#1	1.459389	.0105668	.0110224	253.3622	.1197335	.1592066
#2	1.462258	.0107741	.0105413	253.4412	.1212977	.1584325
#3	1.456759	.0106671	.0106113	253.6700	.1204122	.1588335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4272444	364.1875	8.958600	42.79135	.2604701	.0144679
Stddev	.0045297	.4443	.003627	.23805	.0005559	.0007276
%RSD	1.060205	.1219857	.0404914	.5563101	.2134196	5.029151
#1	.4324529	363.7222	8.954420	42.53009	.2609647	.0136720
#2	.4242263	364.6071	8.960922	42.84799	.2605771	.0150990
#3	.4250540	364.2333	8.960458	42.99598	.2598685	.0146328

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.778041	.1878052	1.503856	8.560935	F 15.91465	-.002702
Stddev	.611239	.0071848	.012068	.154183	.01964	.008217
%RSD	78.56129	3.825695	.8024797	1.801004	.1233954	304.1493
#1	-.855673	.1960848	1.515944	8.674194	15.92429	-.000203
#2	-.131695	.1841208	1.503816	8.623267	15.92761	-.011878
#3	-1.34676	.1832099	1.491808	8.385345	15.89206	.003976

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-12 Acquired: 12/23/2024 20:09:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074481	2.735181	3.804057	.1540318	.8959209	-.025843
Stddev	.0007238	.004264	.030683	.0008356	.0027582	.000949
%RSD	9.717528	.1558968	.8065985	.5424863	.3078673	3.672395
#1	.0071331	2.740011	3.791440	.1539475	.8928240	-.024842
#2	.0082760	2.731938	3.839038	.1532415	.8981135	-.025957
#3	.0069352	2.733594	3.781694	.1549063	.8968251	-.026730

Elem	Li6707
Units	ppm
Avg	.0952139
Stddev	.0014240
%RSD	1.495576
#1	.0952556
#2	.0937695
#3	.0966166

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.314	32800.96	2728.873	2157.661	1817.759
Stddev	7.279	105.52	7.391	14.022	4.748
%RSD	.2899779	.3217124	.2708624	.6498675	.2611903
#1	2502.324	32682.16	2721.698	2142.019	1812.285
#2	2516.569	32836.87	2728.457	2169.103	1820.743
#3	2512.049	32883.84	2736.464	2161.861	1820.251

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-13 Acquired: 12/23/2024 20:13:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2391468	-.142135	2.139417	.1785172	.0778098	62.12920
Stddev	.0001431	.004247	.003602	.0048403	.0017369	.14954
%RSD	.0598453	2.987666	.1683590	2.711407	2.232307	.2406892
#1	.2389871	-.144522	2.142175	.1739121	.0758207	62.28784
#2	.2391901	-.137232	2.135342	.1780768	.0790272	61.99084
#3	.2392633	-.144651	2.140734	.1835627	.0785814	62.10893

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.464246	.0108045	.0105825	254.4614	.1197563	.1594454
Stddev	.005144	.0002496	.0002378	.6359	.0006265	.0008569
%RSD	.3513290	2.310313	2.247294	.2499027	.5231423	.5374563
#1	1.469646	.0110695	.0103124	255.1623	.1191526	.1596587
#2	1.459402	.0105739	.0106747	253.9213	.1204034	.1585020
#3	1.463691	.0107701	.0107605	254.3007	.1197130	.1601756

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4309124	365.6136	8.994116	42.87307	.2610668	.0139522
Stddev	.0081316	.9230	.024552	.15365	.0013581	.0007769
%RSD	1.887058	.2524527	.2729741	.3583786	.5202235	5.568053
#1	.4395100	366.4715	9.021116	43.04875	.2603013	.0135568
#2	.4298822	364.6370	8.973130	42.76378	.2602642	.0134526
#3	.4233450	365.7322	8.988101	42.80668	.2626349	.0148472

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.584013	.1852818	1.513822	8.658205	F 15.92833	-.000566
Stddev	.404344	.0095468	.022821	.112261	.02568	.004655
%RSD	69.23548	5.152596	1.507537	1.296584	.1612272	821.9821
#1	-.652363	.1786870	1.487623	8.773658	15.90581	-.005013
#2	-.149850	.1809291	1.529376	8.651523	15.92290	-.000957
#3	-.949826	.1962292	1.524466	8.549435	15.95630	.004272

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-13 Acquired: 12/23/2024 20:13:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074251	2.733947	3.840677	.1545902	.9021153	-.025591
Stddev	.0005710	.011168	.044617	.0014512	.0015233	.000656
%RSD	7.690347	.4084972	1.161692	.9387523	.1688561	2.561829
#1	.0070009	2.725257	3.891193	.1562659	.9012997	-.025756
#2	.0072000	2.730039	3.824179	.1537464	.9011736	-.024869
#3	.0080743	2.746543	3.806658	.1537582	.9038728	-.026149

Elem	Li6707
Units	ppm
Avg	.0939060
Stddev	.0010699
%RSD	1.139276
#1	.0944374
#2	.0926745
#3	.0946061

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2510.661	32794.34	2709.344	2146.462	1817.679
Stddev	7.202	169.69	27.610	5.022	5.167
%RSD	.2868503	.5174383	1.019059	.2339663	.2842432
#1	2513.168	32914.49	2680.921	2146.401	1819.159
#2	2516.274	32868.30	2736.061	2151.514	1821.944
#3	2502.541	32600.22	2711.051	2141.471	1811.934

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-12LX5 Acquired: 12/23/2024 20:17:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0496448	-.026337	.4511922	.0356067	.0195510	15.12315	.3512328
Stddev	.0043030	.003920	.0018985	.0021216	.0010790	.01418	.0001098
%RSD	8.667655	14.88411	.4207688	5.958302	5.518719	.0937778	.0312540
#1	.0534454	-.029564	.4515969	.0375156	.0189159	15.12412	.3512884
#2	.0449727	-.021974	.4491240	.0359819	.0207968	15.13683	.3513036
#3	.0505162	-.027472	.4528557	.0333226	.0189403	15.10851	.3511063

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027761	.0017951	61.88720	.0291479	.0476817	.1048205	89.74267
Stddev	.0001498	.0001740	.08026	.0007807	.0008792	.0064263	.09229
%RSD	5.394419	9.693509	.1296889	2.678586	1.843831	6.130734	.1028349
#1	.0029479	.0018588	61.85020	.0284263	.0484583	.1067122	89.84632
#2	.0026729	.0015983	61.83211	.0299767	.0467272	.0976608	89.66942
#3	.0027076	.0019284	61.97929	.0290409	.0478595	.1100886	89.71226

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.197447	10.55330	.0539108	.0024408	-1.91457	.0510399	.3756109
Stddev	.003332	.12561	.0004638	.0013105	.18149	.0107664	.0132496
%RSD	.1516502	1.190258	.8603315	53.68933	9.479387	21.09407	3.527481
#1	2.193689	10.50282	.0542176	.0036530	-2.11148	.0424822	.3663023
#2	2.200041	10.46079	.0533772	.0026192	-1.87823	.0631283	.3907801
#3	2.198612	10.69630	.0541376	.0010503	-1.75400	.0475091	.3697501

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.297155	3.321859	-.001877	.0029684	.5763271	1.101386	.0331605
Stddev	.205273	.008173	.002140	.0012441	.0055043	.008153	.0008714
%RSD	15.82485	.2460249	114.0640	41.90993	.9550582	.7402260	2.627666
#1	1.061561	3.325706	.000581	.0018463	.5824525	1.102659	.0322705
#2	1.392404	3.312473	-.002874	.0043062	.5717958	1.108828	.0331990
#3	1.437500	3.327398	-.003337	.0027528	.5747331	1.092672	.0340119

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-12LX5 Acquired: 12/23/2024 20:17:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2297916	-.007850	.0185809
Stddev	.0036755	.000176	.0029317
%RSD	1.599493	2.236031	15.77785
#1	.2332974	-.007915	.0196200
#2	.2259672	-.007651	.0208515
#3	.2301103	-.007984	.0152712

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.621	28203.38	2285.292	1856.793	1856.260
Stddev	2.380	51.52	11.124	10.402	6.113
%RSD	.1099578	.1826561	.4867718	.5602397	.3293061
#1	2163.294	28145.69	2277.712	1849.908	1850.972
#2	2167.369	28244.79	2280.101	1868.759	1862.953
#3	2163.200	28219.66	2298.063	1851.711	1854.854

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-14 Acquired: 12/23/2024 20:21:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3269615	-.057947	2.149611	.3158464	.2165847	64.81089
Stddev	.0023886	.004390	.002057	.0040958	.0021715	.15825
%RSD	.7305383	7.576643	.0956934	1.296768	1.002630	.2441776
#1	.3295797	-.053213	2.147504	.3148917	.2141599	64.88008
#2	.3249013	-.058744	2.151614	.3123122	.2172438	64.62983
#3	.3264034	-.061884	2.149714	.3203352	.2183503	64.92277

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.588662	.0885109	.1011164	251.8740	.4514550	1.064684
Stddev	.012097	.0008055	.0002114	.5956	.0022060	.003163
%RSD	.2636284	.9100541	.2090604	.2364770	.4886412	.2970876
#1	4.593383	.0893644	.1013470	252.4681	.4524966	1.063637
#2	4.574916	.0877641	.1009317	251.2769	.4529473	1.062178
#3	4.597686	.0884040	.1010706	251.8770	.4489210	1.068238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8077551	364.0907	9.695644	42.63968	1.188220	.0711366
Stddev	.0012791	1.2357	.039981	.19106	.001009	.0009699
%RSD	.1583547	.3393946	.4123574	.4480866	.0849156	1.363415
#1	.8070940	364.7537	9.716193	42.67816	1.187860	.0703181
#2	.8092295	362.6650	9.649568	42.43231	1.187441	.0708839
#3	.8069418	364.8535	9.721172	42.80858	1.189360	.0722079

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.469368	.9888225	2.223937	8.654754	F 15.73303	.0025582
Stddev	.446713	.0131410	.007478	.209334	.04450	.0025584
%RSD	95.17348	1.328956	.3362669	2.418719	.2828686	100.0080
#1	-.506355	1.002896	2.228284	8.893338	15.73662	-.000126
#2	-.005310	.976873	2.228225	8.501860	15.68683	.002832
#3	-.896437	.986698	2.215302	8.569065	15.77562	.004969

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-14 Acquired: 12/23/2024 20:21:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM25S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086761	2.718448	3.969410	.1516837	.8972862	-.029356
Stddev	.0001229	.004985	.043991	.0014065	.0049292	.001456
%RSD	1.416165	.1833903	1.108248	.9272880	.5493488	4.958584
#1	.0088094	2.715070	4.017035	.1522625	.9029691	-.029258
#2	.0085675	2.716099	3.930298	.1500800	.8941699	-.027952
#3	.0086514	2.724174	3.960895	.1527084	.8947196	-.030858

Elem	Li6707
Units	ppm
Avg	.0915415
Stddev	.0019358
%RSD	2.114667
#1	.0907912
#2	.0937401
#3	.0900931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2517.800	32732.71	2721.678	2151.076	1831.035
Stddev	4.233	95.38	23.898	7.680	1.898
%RSD	.1681280	.2914014	.8780495	.3570366	.1036562
#1	2516.485	32665.93	2695.209	2149.463	1830.826
#2	2522.535	32690.25	2741.668	2144.331	1833.029
#3	2514.381	32841.95	2728.159	2159.435	1829.250

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV005 Acquired: 12/23/2024 20:28:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.159780	4.910362	25.02693	5.045739	5.022901	408.9924	10.33560
Stddev	.006851	.038895	.21554	.036827	.041304	.5135	.01496
%RSD	.1327839	.7920980	.8612131	.7298545	.8223172	.1255641	.1447449
#1	5.167584	4.880242	24.91082	5.027707	4.999603	408.4201	10.34026
#2	5.154751	4.896572	24.89434	5.021403	4.998510	409.1439	10.31886
#3	5.157006	4.954274	25.27563	5.088106	5.070591	409.4131	10.34768

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5070947	2.511321	415.8605	15.65008	2.520521	15.39919	420.0130
Stddev	.0018793	.020183	1.2943	.03685	.017490	.05002	.7516
%RSD	.3705958	.8036916	.3112284	.2354588	.6938881	.3248275	.1789490
#1	.5073233	2.500588	414.8023	15.64952	2.510491	15.35041	419.8605
#2	.5088492	2.498771	415.4757	15.68721	2.510356	15.39678	419.3494
#3	.5051116	2.534603	417.3036	15.61352	2.540716	15.45037	420.8292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.37363	414.1956	2.536188	1.306160	409.7135	2.586720	15.73834
Stddev	.02595	.5349	.017556	.002124	.1348	.014676	.12865
%RSD	.1688052	.1291460	.6922389	.1626516	.0329078	.5673455	.8174142
#1	15.34418	414.0206	2.527619	1.304072	409.7236	2.571536	15.59311
#2	15.38356	413.7700	2.524561	1.308319	409.8430	2.600828	15.78394
#3	15.39315	414.7961	2.556383	1.306088	409.5739	2.587794	15.83798

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.4859	5.049762	4.884149	5.001478	5.039088	4.767681	5.071718
Stddev	.3297	.048227	.029373	.040881	.031216	.037282	.039475
%RSD	.2147975	.9550326	.6014006	.8173726	.6194728	.7819753	.7783456
#1	153.2418	5.027753	4.891187	4.981844	5.024343	4.775210	5.049826
#2	153.3549	5.016466	4.909363	4.974118	5.017977	4.800623	5.048040
#3	153.8609	5.105067	4.851896	5.048471	5.074945	4.727209	5.117289

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV005 Acquired: 12/23/2024 20:28:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.097511	4.847694	5.198050
Stddev	.023556	.019809	.010306
%RSD	.4621034	.4086212	.1982600
#1	5.071032	4.827988	5.188019
#2	5.105365	4.847488	5.197522
#3	5.116137	4.867604	5.208610

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1777.644	24356.86	2123.607	1523.036	1557.102
Stddev	13.594	45.05	10.943	9.696	12.096
%RSD	.7647111	.1849723	.5153069	.6366335	.7768461
#1	1788.089	24407.45	2124.945	1531.189	1565.990
#2	1782.569	24321.07	2112.057	1512.314	1561.991
#3	1762.274	24342.07	2133.820	1525.604	1543.327

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB005 Acquired: 12/23/2024 20:32:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039497	-.003589	.0082335	.0047486	-.002280	.0330186	-.002340
Stddev	.0027806	.003269	.0027479	.0025285	.001004	.0165502	.001890
%RSD	70.39965	91.08840	33.37485	53.24735	44.02396	50.12398	80.77258
#1	.0065812	-.003853	.0085231	.0026821	-.002281	.0172784	-.002474
#2	.0010408	-.000196	.0108251	.0039956	-.001276	.0502746	-.000387
#3	.0042272	-.006718	.0053522	.0075681	-.003284	.0315029	-.004160

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000094	.0000936	.0302547	.0009346	-.000186	-.001487	.0670910
Stddev	.000098	.0000827	.0230463	.0005485	.000271	.004799	.0257161
%RSD	103.8601	88.28202	76.17425	58.68507	145.5486	322.6731	38.33013
#1	-.000158	.0000572	.0421500	.0015250	-.000162	-.000739	.0391180
#2	.000018	.0000355	.0449227	.0008379	-.000469	-.006616	.0897058
#3	-.000143	.0001882	.0036913	.0004409	.000072	.002894	.0724492

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036694	.0821107	.0010255	-.000026	-1.96757	-.001392	.0039100
Stddev	.0008552	.0800158	.0005849	.001179	.48332	.010180	.0109061
%RSD	23.30597	97.44873	57.03128	4463.192	24.56407	731.1427	278.9282
#1	.0045716	.0920240	.0011259	-.000678	-1.42101	.010260	.0147754
#2	.0035661	-.002400	.0015537	.001334	-2.33855	-.005876	.0039911
#3	.0028706	.156708	.0003970	-.000735	-2.14316	-.008560	-.007036

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.669626	.0012740	.0122110	.0005538	-.001584	-.081457	.0003149
Stddev	.148945	.0012896	.0015007	.0006461	.002455	.000568	.0017873
%RSD	22.24304	101.2270	12.28982	116.6573	154.9553	.6974268	567.6218
#1	-.541627	.0012477	.0129863	.0010675	-.003998	-.082064	.0017216
#2	-.634142	-.000002	.0131656	-.000172	-.001665	-.081366	.0009192
#3	-.833108	.002577	.0104812	.000766	.000910	-.080939	-.001696

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB005 Acquired: 12/23/2024 20:32:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB005 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0012721	.0001879	.0137859
Stddev	.0047590	.0002614	.0059651
%RSD	374.1044	139.1386	43.26938
#1	-.004174	.0004428	.0084456
#2	.004630	-.000080	.0126887
#3	.003361	.000200	.0202234

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.909	27014.97	2179.339	1778.862	1878.629
Stddev	5.920	123.70	28.636	3.987	3.458
%RSD	.2854391	.4579109	1.313975	.2241121	.1840700
#1	2074.517	26912.82	2164.663	1775.370	1879.054
#2	2067.708	26979.58	2161.017	1778.011	1874.979
#3	2079.501	27152.51	2212.338	1783.206	1881.855

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-15 Acquired: 12/23/2024 20:36:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM26 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2048883	-.062324	2.460097	.0997317	.0393547	71.30043
Stddev	.0032648	.005527	.006287	.0031965	.0007440	.12335
%RSD	1.593443	8.868113	.2555521	3.205069	1.890443	.1729984
#1	.2086081	-.062038	2.453031	.1006231	.0400422	71.43977
#2	.2024985	-.067988	2.462188	.0961841	.0385648	71.25635
#3	.2035583	-.056945	2.465072	.1023878	.0394570	71.20519

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.502669	.0079389	.0086873	72.00514	.1423512	.1220816
Stddev	.002811	.0001384	.0001071	.18038	.0004333	.0007760
%RSD	.1870657	1.743348	1.232344	.2505044	.3044239	.6356589
#1	1.505364	.0078295	.0086032	72.12587	.1427683	.1212215
#2	1.502887	.0078928	.0086509	72.09176	.1419033	.1227292
#3	1.499755	.0080945	.0088078	71.79780	.1423819	.1222941

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4926339	185.1098	10.02280	24.20713	.1733809	.0090855
Stddev	.0102359	.0164	.01166	.12265	.0001266	.0001703
%RSD	2.077797	.0088839	.1163021	.5066614	.0730492	1.874613
#1	.5041826	185.0949	10.03158	24.19713	.1733746	.0092673
#2	.4890380	185.1275	10.02724	24.33448	.1732575	.0090597
#3	.4846811	185.1071	10.00957	24.08980	.1735106	.0089296

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.760879	.1957813	1.462413	8.259980	F 13.43411	.0313554
Stddev	.363635	.0013509	.023882	.100543	.05579	.0022009
%RSD	47.79147	.6900131	1.633077	1.217225	.4152687	7.019307
#1	-.416164	.1947040	1.452268	8.374259	13.37197	.0288398
#2	-.725609	.1972969	1.489693	8.185121	13.45048	.0329262
#3	-1.14086	.1953429	1.445278	8.220559	13.47989	.0323002

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-15 Acquired: 12/23/2024 20:36:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM26 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092220	3.604262	4.231801	.1522254	.7330315	.0410236
Stddev	.0005982	.021434	.042487	.0027713	.0049882	.0007062
%RSD	6.486438	.5946765	1.003992	1.820547	.6804833	1.721456
#1	.0096393	3.579842	4.280846	.1494239	.7281528	.0409917
#2	.0085367	3.619957	4.208311	.1549655	.7381223	.0417452
#3	.0094899	3.612986	4.206245	.1522867	.7328194	.0403338

Elem	Li6707
Units	ppm
Avg	.1113775
Stddev	.0023341
%RSD	2.095661
#1	.1127593
#2	.1086826
#3	.1126906

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.554	34520.52	2809.192	2283.169	1859.976
Stddev	3.146	180.69	4.406	24.592	3.248
%RSD	.1187832	.5234182	.1568463	1.077120	.1746363
#1	2648.176	34729.01	2812.737	2311.396	1863.710
#2	2651.873	34423.03	2810.579	2266.369	1858.418
#3	2645.615	34409.52	2804.259	2271.743	1857.801

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-16 Acquired: 12/23/2024 20:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM27 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1864000	-.052392	1.039742	.0998620	.0392354	71.84897
Stddev	.0055181	.005266	.005734	.0023636	.0021053	.16133
%RSD	2.960334	10.05172	.5515215	2.366851	5.365804	.2245429
#1	.1924716	-.058333	1.043220	.1010564	.0413660	71.82073
#2	.1816908	-.048299	1.033123	.0971395	.0391839	71.70363
#3	.1850375	-.050543	1.042882	.1013899	.0371564	72.02256

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.347285	.0073658	.0080522	101.3551	.1168182	.1438141
Stddev	.003896	.0000930	.0000424	.1204	.0004247	.0014066
%RSD	.2891686	1.263288	.5266797	.1187930	.3635371	.9780582
#1	1.349914	.0074446	.0081010	101.2287	.1172450	.1434266
#2	1.342809	.0073897	.0080243	101.3681	.1168141	.1426419
#3	1.349132	.0072632	.0080313	101.4684	.1163956	.1453739

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3495492	192.5552	13.58552	24.85739	.1803699	.0079021
Stddev	.0018397	.6448	.03511	.15469	.0009563	.0007201
%RSD	.5263033	.3348395	.2584554	.6223062	.5302064	9.112809
#1	.3493848	192.8842	13.60129	24.94635	.1793753	.0071530
#2	.3514656	191.8124	13.54529	24.67877	.1812827	.0079639
#3	.3477973	192.9691	13.60999	24.94704	.1804516	.0085892

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.769520	.1819055	.9309358	5.986904	F 14.45043	.0156371
Stddev	.529741	.0062128	.0209728	.102458	.04217	.0034491
%RSD	68.84042	3.415424	2.252876	1.711362	.2918512	22.05706
#1	-1.35770	.1855225	.9108334	5.925109	14.42550	.0177586
#2	-.32996	.1854623	.9292917	5.930432	14.42668	.0116574
#3	-.62090	.1747316	.9526823	6.105172	14.49913	.0174954

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-16 Acquired: 12/23/2024 20:40:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM27 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115131	2.705687	3.468590	.0888089	.5564339	.0092633
Stddev	.0002334	.015458	.010464	.0017124	.0022280	.0011951
%RSD	2.026990	.5713211	.3016823	1.928218	.4004036	12.90100
#1	.0112634	2.700896	3.480449	.0884469	.5552203	.0083300
#2	.0117256	2.693191	3.464665	.0906734	.5550763	.0106102
#3	.0115503	2.722973	3.460656	.0873064	.5590053	.0088497

Elem	Li6707
Units	ppm
Avg	.1013985
Stddev	.0046476
%RSD	4.583512
#1	.1050200
#2	.1030176
#3	.0961579

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2707.410	35308.43	2896.814	2338.215	1858.681
Stddev	9.062	139.85	6.817	13.825	7.303
%RSD	.3347060	.3960731	.2353403	.5912583	.3928968
#1	2705.229	35447.82	2893.019	2346.110	1859.920
#2	2717.363	35309.35	2892.737	2346.284	1865.284
#3	2699.638	35168.14	2904.684	2322.252	1850.837

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-17 Acquired: 12/23/2024 20:44:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542921	-.058984	.5335587	.0962515	.0372682	65.25316	1.029088
Stddev	.0093834	.008827	.0021636	.0043768	.0023503	.36617	.006023
%RSD	6.081607	14.96488	.4054944	4.547261	6.306327	.5611545	.5852422
#1	.1486850	-.052745	.5314257	.0946418	.0382191	64.85635	1.022139
#2	.1490665	-.055123	.5357515	.0929074	.0389940	65.32514	1.032342
#3	.1651250	-.069083	.5334988	.1012052	.0345915	65.57800	1.032784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064110	.0067423	62.49883	.1037587	.1399069	.3056256	180.8123
Stddev	.0001142	.0000701	.17544	.0007375	.0008057	.0034462	.8521
%RSD	1.781856	1.039128	.2807033	.7107881	.5758786	1.127603	.4712857
#1	.0064943	.0066775	62.29719	.1043607	.1391450	.3028418	179.8937
#2	.0062807	.0067326	62.61651	.1039793	.1398255	.3094801	180.9662
#3	.0064579	.0068167	62.58278	.1029361	.1407502	.3045550	181.5770

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.66430	31.24566	.1964614	.0081997	-1.24779	.1581334	.7381201
Stddev	.10280	.22209	.0009407	.0006303	.16386	.0074455	.0199211
%RSD	.7010159	.7107859	.4788247	7.687312	13.13207	4.708371	2.698900
#1	14.54732	30.98967	.1964212	.0084535	-1.06397	.1631579	.7369278
#2	14.70537	31.38686	.1974216	.0074821	-1.37854	.1495795	.7586105
#3	14.74022	31.36046	.1955415	.0086637	-1.30086	.1616628	.7188218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.948636	9.011160	.0195006	.0065641	1.473390	2.152415	.0363332
Stddev	.095430	.012424	.0019097	.0004670	.006360	.017554	.0011014
%RSD	1.373365	.1378763	9.792953	7.114500	.4316314	.8155342	3.031296
#1	6.891275	9.017656	.0198010	.0066205	1.469222	2.134008	.0365320
#2	6.895834	8.996834	.0212423	.0060715	1.470237	2.154269	.0351460
#3	7.058797	9.018989	.0174586	.0070004	1.480710	2.168968	.0373216

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-17 Acquired: 12/23/2024 20:44:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5542776	-.041229	.0980232
Stddev	.0008108	.001115	.0020044
%RSD	.1462823	2.704992	2.044821
#1	.5549994	-.039942	.0996874
#2	.5544329	-.041888	.0985840
#3	.5534003	-.041858	.0957981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2775.834	36118.67	2954.631	2379.928	1882.307
Stddev	9.069	72.34	27.429	5.392	5.829
%RSD	.3267263	.2002742	.9283296	.2265419	.3096619
#1	2768.170	36176.76	2978.927	2383.886	1876.303
#2	2785.847	36141.59	2960.081	2382.112	1887.943
#3	2773.486	36037.65	2924.887	2373.787	1882.675

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-18 Acquired: 12/23/2024 20:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1383129	-.036495	3.510645	.0663527	.0323310	52.03709
Stddev	.0045387	.005386	.010518	.0038942	.0029899	.19502
%RSD	3.281461	14.75817	.2995983	5.868968	9.247607	.3747743
#1	.1435199	-.040965	3.502630	.0619477	.0307239	51.92761
#2	.1362238	-.030515	3.506751	.0677728	.0357807	51.92140
#3	.1351949	-.038005	3.522555	.0693375	.0304885	52.26225

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.609350	.0058969	.0094204	224.0358	.1554634	.1174513
Stddev	.006142	.0000689	.0001268	.9082	.0004231	.0007517
%RSD	.3816195	1.168116	1.345802	.4053732	.2721593	.6400039
#1	1.608823	.0059160	.0093785	223.4352	.1553133	.1179323
#2	1.603488	.0059542	.0093199	223.5917	.1559411	.1178365
#3	1.615738	.0058204	.0095628	225.0806	.1551358	.1165851

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5172281	154.3739	11.12129	52.35611	.1724526	.0089972
Stddev	.0049101	.7588	.03785	.30415	.0008062	.0008617
%RSD	.9493189	.4915251	.3403263	.5809325	.4675056	9.577819
#1	.5137366	154.0853	11.09706	52.35044	.1719683	.0083288
#2	.5151051	153.8019	11.10189	52.05483	.1733833	.0086931
#3	.5228425	155.2347	11.16490	52.66306	.1720063	.0099698

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.25333	.1484270	4.174698	6.483472	F 14.51619	.0279352
Stddev	.15242	.0038304	.038714	.087841	.01087	.0025275
%RSD	12.16114	2.580668	.9273444	1.354848	.0749049	9.047875
#1	-1.20124	.1451781	4.195527	6.579312	14.51036	.0305714
#2	-1.13378	.1474522	4.198539	6.406792	14.50948	.0277019
#3	-1.42496	.1526506	4.130030	6.464314	14.52874	.0255325

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-18 Acquired: 12/23/2024 20:48:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM36 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112500	3.706399	3.539988	.2562771	.7423775	.1984418
Stddev	.0004538	.007881	.015798	.0009348	.0021905	.0013371
%RSD	4.033779	.2126429	.4462788	.3647628	.2950636	.6738061
#1	.0117099	3.703093	3.544207	.2572613	.7398508	.1978598
#2	.0112375	3.700710	3.522509	.2554011	.7435418	.1999712
#3	.0108026	3.715395	3.553249	.2561690	.7437400	.1974943

Elem	Li6707
Units	ppm
Avg	.0697644
Stddev	.0024825
%RSD	3.558358
#1	.0707878
#2	.0669338
#3	.0715716

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2449.171	32003.52	2654.407	2101.054	1799.007
Stddev	3.579	99.86	2.381	8.612	2.740
%RSD	.1461244	.3120314	.0896954	.4099119	.1523188
#1	2445.205	31972.86	2651.673	2099.796	1795.910
#2	2450.145	31922.59	2656.018	2093.140	1801.117
#3	2452.161	32115.12	2655.531	2110.227	1799.995

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-19 Acquired: 12/23/2024 20:51:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0729141	-.029607	.3975476	.0580530	.0297061	58.98646	.7023043
Stddev	.0010626	.006880	.0021756	.0006587	.0022453	.29472	.0029055
%RSD	1.457284	23.23944	.5472556	1.134657	7.558411	.4996350	.4137121
#1	.0731999	-.023223	.3970841	.0587079	.0316631	58.66564	.6998783
#2	.0717378	-.036894	.3956411	.0580607	.0272549	59.04857	.7015104
#3	.0738045	-.028703	.3999176	.0573905	.0302003	59.24518	.7055242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054433	.0043266	289.8036	.0910991	.1157392	.1999298	147.3483
Stddev	.0000920	.0001098	.9223	.0004997	.0002372	.0058638	.4876
%RSD	1.690127	2.538199	.3182558	.5485123	.2049720	2.932914	.3309043
#1	.0055272	.0043805	288.9581	.0912521	.1155384	.2041332	146.7860
#2	.0054578	.0042002	289.6655	.0905407	.1156783	.2024250	147.6041
#3	.0053449	.0043990	290.7872	.0915043	.1160010	.1932311	147.6548

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.855468	58.19552	.1671924	.0047929	-.915800	.1356714	.6141055
Stddev	.017550	.22424	.0003556	.0005616	.585289	.0030809	.0036463
%RSD	.1780695	.3853169	.2126807	11.71728	63.91008	2.270847	.5937628
#1	9.839876	57.97787	.1670401	.0050114	-.700544	.1391171	.6181419
#2	9.852056	58.18289	.1675987	.0041548	-.468621	.1331823	.6131246
#3	9.874474	58.42581	.1669383	.0052123	-1.57824	.1347147	.6110499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.043586	8.721177	-.004476	.0069666	1.078071	3.153762	.0208404
Stddev	.211837	.009623	.002436	.0008987	.005204	.016148	.0019353
%RSD	6.960106	.1103395	54.41172	12.90003	.4827063	.5120320	9.286256
#1	2.903361	8.729188	-.002018	.0059302	1.082116	3.137836	.0228709
#2	3.287272	8.710503	-.006889	.0074384	1.079897	3.153327	.0190170
#3	2.940126	8.723839	-.004522	.0075310	1.072200	3.170123	.0206332

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5090-19 Acquired: 12/23/2024 20:51:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM37 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5011712	.2072247	.0929600
Stddev	.0013497	.0013959	.0038742
%RSD	.2693046	.6736277	4.167587
#1	.4999256	.2056427	.0933738
#2	.5026051	.2082833	.0966107
#3	.5009828	.2077481	.0888956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2436.084	31856.16	2630.135	2095.627	1814.032
Stddev	4.549	18.70	11.166	5.435	3.355
%RSD	.1867299	.0587147	.4245416	.2593635	.1849265
#1	2440.673	31853.10	2640.627	2090.035	1817.885
#2	2436.001	31839.17	2631.380	2095.956	1812.449
#3	2431.577	31876.20	2618.399	2100.891	1811.761

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165739BL Acquired: 12/23/2024 20:55:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS739 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002557	-.001576	-.000326	.0045462	.0002331	.0431321	-.002698
Stddev	.003570	.001162	.000179	.0031391	.0017762	.0181948	.000694
%RSD	139.5998	73.69160	55.01721	69.04900	762.0680	42.18389	25.71647
#1	.000434	-.000919	-.000445	.0036638	-.001782	.0248211	-.002294
#2	-.001596	-.002917	-.000120	.0080321	.001570	.0612084	-.003499
#3	-.006510	-.000892	-.000413	.0019427	.000912	.0433669	-.002300

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000067	-.000194	.0800225	-.000857	-.000172	-.000401	.0350763
Stddev	.0000873	.000022	.0284752	.000361	.000305	.003101	.0029877
%RSD	1303.086	11.54769	35.58401	42.08867	176.9937	773.9451	8.517618
#1	-.000094	-.000180	.0867199	-.001273	-.000442	.002980	.0316286
#2	.000064	-.000182	.1045521	-.000626	-.000233	-.003112	.0369050
#3	.000049	-.000220	.0487956	-.000673	.000158	-.001069	.0366954

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050832	.0774863	.0008641	-.000885	-1.15865	-.001077	.0089670
Stddev	.0016408	.0204256	.0003850	.000324	.32254	.004003	.0037326
%RSD	32.27849	26.36025	44.54944	36.57353	27.83750	371.5988	41.62626
#1	.0069582	.0540113	.0011661	-.000720	-1.17374	-.005500	.0053086
#2	.0043809	.0872499	.0009955	-.001258	-1.47337	.002299	.0088227
#3	.0039104	.0911978	.0004306	-.000677	-.82883	-.000032	.0127697

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.851404	.0004055	-.007795	.0005029	.0008046	-.082424	-.001221
Stddev	.204673	.0020702	.001863	.0002623	.0031906	.000513	.000531
%RSD	24.03951	510.5792	23.90359	52.15456	396.5244	.6220689	43.49303
#1	-.661333	-.001826	-.005644	.0005931	.0044852	-.082255	-.001514
#2	-.824799	.002263	-.008843	.0007083	-.000896	-.083000	-.000608
#3	-1.06808	.000780	-.008899	.0002075	-.001175	-.082017	-.001542

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165739BL Acquired: 12/23/2024 20:55:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS739 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0015622	.0001640	-.004457
Stddev	.0019018	.0000406	.002827
%RSD	121.7356	24.74752	63.43212
#1	.0035186	.0001559	-.007719
#2	.0014478	.0001281	-.002934
#3	-.000280	.0002080	-.002718

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.438	26791.74	2160.473	1766.198	1859.699
Stddev	4.517	176.81	23.145	11.685	6.444
%RSD	.2206272	.6599520	1.071295	.6615773	.3465063
#1	2042.323	26640.41	2182.520	1765.023	1852.370
#2	2050.882	26748.71	2162.533	1755.145	1864.475
#3	2049.109	26986.10	2136.367	1778.426	1862.253

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165739BS Acquired: 12/23/2024 20:59:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS739 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202038	.0489614	.0200847	.0627576	.1013653	.4375325
Stddev	.0027686	.0013957	.0012913	.0007325	.0038790	.0244860
%RSD	13.70339	2.850643	6.429500	1.167196	3.826798	5.596393
#1	.0232053	.0474323	.0187446	.0634945	.0973825	.4578466
#2	.0196564	.0492849	.0201883	.0627488	.1051315	.4444069
#3	.0177499	.0501669	.0213211	.0620296	.1015817	.4103440

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3919492	.0101304	.0094376	9.700581	.0200846	.0972922
Stddev	.0021746	.0000523	.0000510	.042828	.0004092	.0007043
%RSD	.5548221	.5160524	.5405929	.4415035	2.037211	.7238787
#1	.3917513	.0100731	.0093796	9.690431	.0205567	.0965709
#2	.3898803	.0101427	.0094576	9.663739	.0198336	.0979781
#3	.3942160	.0101755	.0094755	9.747572	.0198634	.0973277

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527144	.2413658	.0326147	10.23012	.0770102	.0184562
Stddev	.0046978	.0107010	.0020844	.06022	.0004547	.0007953
%RSD	8.911760	4.433505	6.391036	.5886972	.5904220	4.309331
#1	.0528505	.2465009	.0350216	10.17063	.0768070	.0178207
#2	.0479500	.2485315	.0314046	10.22869	.0766925	.0181999
#3	.0573426	.2290652	.0314180	10.29106	.0775311	.0193481

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.405712	.1049919	.1158227	8.595147	.0158491	F -.005050
Stddev	.573794	.0067591	.0090858	.098273	.0007885	.001359
%RSD	6.826235	6.437684	7.844597	1.143356	4.974932	26.90909
#1	7.751355	.1124104	.1053325	8.686929	.0164710	-.003486
#2	8.822904	.1033827	.1209285	8.607044	.0149623	-.005945
#3	8.642876	.0991827	.1212070	8.491466	.0161140	-.005720

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165739BS Acquired: 12/23/2024 20:59:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS739 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194637	.1732839	F .3764080	.0136311	.1949572	.1970129
Stddev	.0005677	.0009685	.0025846	.0012631	.0055027	.0005125
%RSD	2.916519	.5588791	.6866594	9.266231	2.822509	.2601570
#1	.0189644	.1722606	.3792670	.0124051	.1886159	.1966570
#2	.0200811	.1734050	.3742369	.0135598	.1984756	.1967813
#3	.0193457	.1741861	.3757201	.0149283	.1977800	.1976004

Elem	Li6707
Units	ppm
Avg	.0327911
Stddev	.0021184
%RSD	6.460259
#1	.0309201
#2	.0350912
#3	.0323621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.175	27140.10	2177.389	1788.697	1880.480
Stddev	7.592	129.70	8.789	11.939	6.976
%RSD	.3660263	.4779012	.4036585	.6674476	.3709550
#1	2082.314	27059.47	2169.244	1776.777	1887.644
#2	2072.925	27071.11	2176.217	1788.660	1880.086
#3	2067.285	27289.71	2186.705	1800.654	1873.709

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-01 Acquired: 12/23/2024 21:03:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL28 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1121510	-.017407	1.312513	.0456874	.0288221	53.37227	.9297932
Stddev	.0041399	.001514	.004858	.0026528	.0022715	.03758	.0021423
%RSD	3.691327	8.698364	.3701665	5.806340	7.881105	.0704202	.2304023
#1	.1162170	-.018481	1.306969	.0486706	.0299165	53.41015	.9286359
#2	.1122950	-.015675	1.314540	.0435936	.0303392	53.33498	.9322652
#3	.1079411	-.018064	1.316030	.0447979	.0262106	53.37168	.9284784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059704	.0084235	607.4345	.1555312	.1084146	.2817473	135.0243
Stddev	.0001523	.0001667	.8437	.0004665	.0012217	.0036463	.0715
%RSD	2.551222	1.978406	.1388968	.2999426	1.126847	1.294164	.0529175
#1	.0057945	.0086144	607.6569	.1550369	.1092428	.2784420	135.0863
#2	.0060564	.0083068	606.5019	.1559637	.1089894	.2811414	134.9461
#3	.0060602	.0083493	608.1448	.1555930	.1070116	.2856586	135.0406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.321260	342.2526	.2230381	.0057196	-1.43660	.1798836	1.313536
Stddev	.008399	.0858	.0006885	.0007940	.45049	.0044728	.010080
%RSD	.1009367	.0250724	.3086882	13.88132	31.35813	2.486484	.7674301
#1	8.330949	342.2695	.2229270	.0048347	-1.14081	.1820770	1.311436
#2	8.316788	342.3287	.2224120	.0063697	-1.21392	.1828363	1.324501
#3	8.316044	342.1596	.2237755	.0059544	-1.95506	.1747375	1.304671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.288241	8.941011	.0446239	.0099665	8.556889	8.137782	.1054191
Stddev	.072887	.033885	.0017042	.0004711	.041778	.048350	.0020497
%RSD	.8794048	.3789791	3.818981	4.727368	.4882382	.5941386	1.944363
#1	8.279224	8.903032	.0427355	.0094524	8.512510	8.173597	.1030540
#2	8.365217	8.951853	.0460474	.0100695	8.562701	8.082784	.1066789
#3	8.220281	8.968148	.0450887	.0103776	8.595457	8.156963	.1065245

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-01 Acquired: 12/23/2024 21:03:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL28 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7481940	.1851970	.0677657
Stddev	.0049446	.0015943	.0012876
%RSD	.6608707	.8608760	1.900100
#1	.7533738	.1857174	.0668950
#2	.7435242	.1834075	.0671574
#3	.7476839	.1864661	.0692448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.133	29509.15	2497.060	1918.351	1630.477
Stddev	8.402	111.73	4.982	7.277	6.563
%RSD	.3740507	.3786166	.1995086	.3793564	.4024918
#1	2243.512	29525.97	2491.524	1919.226	1633.483
#2	2239.354	29389.97	2501.183	1910.675	1622.950
#3	2255.533	29611.52	2498.473	1925.151	1634.998

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-02 Acquired: 12/23/2024 21:07:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL29 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1602228	-.054730	3.034135	.0835079	.0310522	61.06972	1.015049
Stddev	.0037686	.001492	.005443	.0029393	.0019845	.20020	.001228
%RSD	2.352119	2.726406	.1794039	3.519800	6.390818	.3278268	.1209667
#1	.1579834	-.054254	3.035807	.0802307	.0329479	60.85209	1.014737
#2	.1645738	-.053533	3.028052	.0859112	.0289895	61.11100	1.014007
#3	.1581112	-.056402	3.038546	.0843818	.0312193	61.24607	1.016403

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071399	.0093062	89.82771	.1919393	.1056366	.3764708	167.3416
Stddev	.0000972	.0000940	.13526	.0011359	.0005724	.0037910	.3359
%RSD	1.361112	1.009986	.1505798	.5918223	.5418078	1.006988	.2007147
#1	.0070346	.0092203	89.79557	.1932320	.1062695	.3806945	166.9762
#2	.0072261	.0092917	89.71142	.1914853	.1054850	.3753546	167.4117
#3	.0071589	.0094066	89.97615	.1911004	.1051553	.3733631	167.6369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.442184	41.77128	.2680833	.0069752	-.892746	.1814100	1.281259
Stddev	.006466	.20120	.0010423	.0009857	.071545	.0065302	.026495
%RSD	.0765958	.4816649	.3888054	14.13168	8.013995	3.599717	2.067892
#1	8.437522	41.58824	.2678936	.0059549	-.969426	.1879870	1.250971
#2	8.449567	41.98671	.2671489	.0070484	-.827784	.1813153	1.300140
#3	8.439465	41.73890	.2692075	.0079223	-.881026	.1749276	1.292665

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.180606	7.441182	.0129602	.0116168	3.980122	6.697753	1.430090
Stddev	.101123	.023411	.0016217	.0002809	.003335	.048878	.005269
%RSD	1.951961	.3146120	12.51302	2.417746	.0837820	.7297612	.3684118
#1	5.063840	7.449977	.0114301	.0116364	3.976293	6.734411	1.428227
#2	5.238554	7.414648	.0146601	.0118874	3.982390	6.642260	1.426005
#3	5.239424	7.458922	.0127904	.0113267	3.981682	6.716589	1.436036

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-02 Acquired: 12/23/2024 21:07:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL29 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8347755	.0095017	.0691765
Stddev	.0033621	.0002580	.0027566
%RSD	.4027566	2.715626	3.984920
#1	.8386571	.0097437	.0660414
#2	.8328940	.0095311	.0712210
#3	.8327754	.0092302	.0702670

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2463.670	31892.93	2621.519	2114.313	1860.274
Stddev	.265	171.98	8.209	10.261	2.991
%RSD	.0107525	.5392336	.3131311	.4853229	.1607996
#1	2463.365	31993.99	2612.042	2122.268	1858.578
#2	2463.844	31694.36	2626.069	2102.731	1863.728
#3	2463.800	31990.45	2626.444	2117.941	1858.517

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-03 Acquired: 12/23/2024 21:11:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL30 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1915747	-.074685	1.800088	.1131706	.0454091	74.46856	1.334585
Stddev	.0037633	.002480	.000551	.0024157	.0022868	.27932	.006481
%RSD	1.964404	3.320699	.0306067	2.134581	5.036072	.3750868	.4856161
#1	.1956454	-.073991	1.800723	.1110006	.0457760	74.17986	1.327717
#2	.1882224	-.077439	1.799805	.1157735	.0474903	74.48839	1.335442
#3	.1908562	-.072627	1.799736	.1127378	.0429610	74.73745	1.340594

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086210	.0091922	63.32443	.1736292	.1255534	.4188760	203.5485
Stddev	.0001250	.0001186	.18884	.0008863	.0010192	.0030306	.9051
%RSD	1.449492	1.290271	.2982050	.5104624	.8117601	.7235115	.4446408
#1	.0084782	.0093239	63.10728	.1735703	.1253351	.4153872	202.6415
#2	.0087105	.0091588	63.41581	.1727738	.1246611	.4203838	203.5526
#3	.0086743	.0090939	63.45019	.1745435	.1266641	.4208569	204.4516

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.67707	35.48434	.2455027	.0084783	-.167968	.2152520	1.203603
Stddev	.05039	.27910	.0009086	.0005613	.261680	.0068594	.017734
%RSD	.4315477	.7865441	.3701089	6.620970	155.7917	3.186661	1.473414
#1	11.63217	35.16793	.2454662	.0082165	.082407	.2228176	1.205135
#2	11.66746	35.69555	.2446129	.0080957	-.439650	.2134993	1.220521
#3	11.73157	35.58954	.2464290	.0091227	-.146661	.2094390	1.185152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.907094	6.923474	.0056816	.0116279	3.540623	8.730694	.1860367
Stddev	.053750	.016930	.0016931	.0000380	.009813	.071010	.0029888
%RSD	1.095350	.2445322	29.80005	.3267280	.2771661	.8133406	1.606546
#1	4.868638	6.914065	.0038073	.0116712	3.538070	8.745894	.1836848
#2	4.968511	6.913337	.0071002	.0116003	3.532337	8.653315	.1850253
#3	4.884132	6.943018	.0061372	.0116120	3.551460	8.792874	.1893999

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-03 Acquired: 12/23/2024 21:11:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL30 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8444768	-.025408	.0894105
Stddev	.0060723	.000567	.0007452
%RSD	.7190572	2.231826	.8334845
#1	.8394774	-.024915	.0891621
#2	.8427189	-.025280	.0888211
#3	.8512340	-.026028	.0902481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.571	32897.54	2682.002	2180.208	1848.023
Stddev	2.246	94.91	6.361	11.119	1.254
%RSD	.0888073	.2885071	.2371644	.5100151	.0678777
#1	2531.865	32893.64	2677.932	2173.345	1848.813
#2	2529.473	32804.65	2689.332	2174.243	1846.576
#3	2527.375	32994.35	2678.742	2193.037	1848.679

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-04 Acquired: 12/23/2024 21:15:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL31 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1565397	-.066578	1.172172	.1009085	.0372307	68.90610	1.006068
Stddev	.0029920	.003301	.003644	.0015616	.0007090	.16577	.002056
%RSD	1.911326	4.958488	.3108533	1.547526	1.904376	.2405789	.2043979
#1	.1597250	-.069191	1.171692	.0992308	.0372461	68.71830	1.003799
#2	.1561057	-.067675	1.168792	.1023196	.0379319	68.96793	1.006596
#3	.1537884	-.062867	1.176032	.1011752	.0365141	69.03208	1.007809

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071456	.0066676	48.03287	.1151653	.1203089	.3504844	183.2546
Stddev	.0001872	.0000435	.17647	.0011453	.0003864	.0035122	.4524
%RSD	2.619537	.6522755	.3673949	.9944663	.3211962	1.002087	.2468772
#1	.0069589	.0066632	47.84212	.1156080	.1199927	.3469278	182.7833
#2	.0071447	.0066265	48.06618	.1160231	.1201944	.3539504	183.6855
#3	.0073333	.0067131	48.19031	.1138647	.1207397	.3505751	183.2949

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.57611	24.43095	.1474166	.0079675	-.776308	.1784868	.6667696
Stddev	.04019	.14412	.0003939	.0002365	.835633	.0061599	.0122382
%RSD	.3196073	.5899200	.2671833	2.968410	107.6419	3.451205	1.835449
#1	12.53876	24.26925	.1473726	.0080198	-1.71457	.1803995	.6779179
#2	12.61865	24.54587	.1470465	.0077093	-.11216	.1715974	.6687161
#3	12.57093	24.47773	.1478306	.0081736	-.50219	.1834635	.6536748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.122048	5.901242	.0038259	.0102550	2.477313	8.573184	.6203000
Stddev	.162019	.008143	.0014623	.0005718	.004765	.038193	.0030542
%RSD	3.930542	.1379876	38.22017	5.575637	.1923532	.4454885	.4923717
#1	4.113511	5.893231	.0055049	.0107414	2.482814	8.542007	.6237794
#2	4.288167	5.900985	.0028321	.0103985	2.474664	8.615785	.6180622
#3	3.964467	5.909511	.0031405	.0096252	2.474461	8.561760	.6190583

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-04 Acquired: 12/23/2024 21:15:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL31 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7022606	-.040887	.0629789
Stddev	.0027439	.000310	.0029146
%RSD	.3907175	.7581752	4.627825
#1	.6996195	-.040951	.0650186
#2	.7050968	-.041160	.0596408
#3	.7020655	-.040550	.0642774

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2591.421	33571.39	2745.206	2221.348	1875.683
Stddev	5.479	60.83	7.412	2.961	4.379
%RSD	.2114269	.1811985	.2700057	.1332968	.2334444
#1	2588.024	33542.66	2750.477	2218.637	1872.399
#2	2597.742	33530.25	2736.731	2220.901	1880.654
#3	2588.497	33641.27	2748.410	2224.508	1873.996

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-05 Acquired: 12/23/2024 21:19:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1945960	-.078685	.3932220	.1276665	.0437769	83.00866	1.057895
Stddev	.0091971	.000142	.0019520	.0042165	.0017846	.13424	.003418
%RSD	4.726244	.1798594	.4964189	3.302756	4.076490	.1617125	.3230876
#1	.2051986	-.078609	.3954690	.1321823	.0444723	83.12943	1.060853
#2	.1898191	-.078849	.3922531	.1238323	.0417493	82.86413	1.054154
#3	.1887703	-.078599	.3919440	.1269850	.0451091	83.03241	1.058679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086988	.0085728	31.44098	.1039930	.1488893	.2268362	220.2076
Stddev	.0000607	.0001295	.07924	.0009370	.0004339	.0042978	.5133
%RSD	.6978970	1.510198	.2520138	.9010382	.2914350	1.894661	.2330907
#1	.0087659	.0084364	31.53229	.1044899	.1493551	.2241723	220.5358
#2	.0086477	.0085881	31.40038	.1045770	.1488163	.2317943	219.6161
#3	.0086827	.0086939	31.39027	.1029122	.1484965	.2245421	220.4710

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.03608	22.13110	.1621867	.0074528	-.406297	.1964153	.4591094
Stddev	.06233	.14512	.0007335	.0003548	.664154	.0042566	.0058083
%RSD	.3887124	.6557439	.4522732	4.760159	163.4651	2.167162	1.265128
#1	16.08525	22.25791	.1626953	.0078531	.188724	.1934500	.4653849
#2	15.96597	21.97283	.1613459	.0071773	-.284805	.1945032	.4580212
#3	16.05701	22.16255	.1625190	.0073280	-1.12281	.2012926	.4539222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.071415	3.430519	-.015703	.0055711	1.308968	9.084405	.0380408
Stddev	.128573	.008901	.004339	.0004039	.007430	.006937	.0005206
%RSD	4.186129	.2594777	27.63173	7.250766	.5675844	.0763664	1.368639
#1	3.161390	3.428022	-.013841	.0051067	1.305665	9.076696	.0382267
#2	2.924156	3.423133	-.020663	.0057659	1.303761	9.086375	.0384429
#3	3.128700	3.440403	-.012606	.0058408	1.317476	9.090145	.0374527

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-05 Acquired: 12/23/2024 21:19:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL32 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5694865	-.124431	.0750321
Stddev	.0019961	.000844	.0022699
%RSD	.3505088	.6786939	3.025268
#1	.5675413	-.124497	.0776528
#2	.5715299	-.123555	.0736867
#3	.5693885	-.125240	.0737567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.628	38676.26	3142.903	2544.281	1854.162
Stddev	10.946	212.01	18.518	6.283	7.662
%RSD	.3682194	.5481664	.5892134	.2469466	.4132534
#1	2982.770	38493.71	3122.760	2537.251	1860.994
#2	2974.090	38908.80	3159.189	2549.348	1855.616
#3	2961.025	38626.27	3146.760	2546.244	1845.877

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-06 Acquired: 12/23/2024 21:23:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1647216	-.062564	.2953788	.1056985	.0396418	74.16846	1.057871
Stddev	.0023281	.001282	.0024249	.0024315	.0003673	.16003	.002505
%RSD	1.413373	2.048725	.8209639	2.300439	.9264303	.2157660	.2367555
#1	.1633114	-.062916	.2936603	.1077083	.0400592	73.98407	1.054994
#2	.1634446	-.063633	.2943234	.1029957	.0393682	74.25021	1.059559
#3	.1674088	-.061143	.2981526	.1063916	.0394980	74.27111	1.059062

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073844	.0067123	55.14569	.0990820	.1317982	.2146381	196.6848
Stddev	.0001337	.0001988	.19022	.0004607	.0002843	.0047122	.4198
%RSD	1.810430	2.962155	.3449471	.4649890	.2156835	2.195431	.2134167
#1	.0072308	.0066981	54.97577	.0986360	.1321166	.2100564	196.2078
#2	.0074745	.0069179	55.35119	.0995562	.1315698	.2143871	196.9980
#3	.0074479	.0065210	55.11012	.0990538	.1317083	.2194708	196.8485

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.34130	22.82321	.1581516	.0068870	-.434400	.1730539	.4155264
Stddev	.02153	.07327	.0001358	.0005613	.010338	.0057552	.0083808
%RSD	.1317255	.3210410	.0858534	8.150092	2.379946	3.325667	2.016909
#1	16.32166	22.89346	.1580279	.0062762	-.428608	.1694721	.4095842
#2	16.33792	22.74725	.1581301	.0073800	-.428255	.1699972	.4251123
#3	16.36431	22.82892	.1582969	.0070049	-.446336	.1796926	.4118828

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.103287	4.462255	-.004748	.0052136	1.151794	8.008872	.0314606
Stddev	.068725	.007998	.001716	.0002658	.003854	.010712	.0023699
%RSD	2.214598	.1792475	36.14527	5.098336	.3345649	.1337486	7.532905
#1	3.024527	4.453875	-.004558	.0054541	1.147451	8.000126	.0287462
#2	3.151085	4.463083	-.006552	.0049283	1.153128	8.005670	.0325169
#3	3.134248	4.469807	-.003135	.0052585	1.154804	8.020819	.0331186

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-06 Acquired: 12/23/2024 21:23:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5698017	-.092766	.1063207
Stddev	.0042229	.000252	.0025243
%RSD	.7411154	.2717436	2.374226
#1	.5698070	-.092875	.1050448
#2	.5655762	-.092478	.1046891
#3	.5740220	-.092946	.1092283

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2981.343	38794.34	3167.111	2560.460	1883.612
Stddev	8.456	180.67	13.784	22.219	5.904
%RSD	.2836148	.4657046	.4352326	.8677721	.3134667
#1	2987.908	38585.72	3151.744	2536.304	1890.389
#2	2971.802	38898.53	3178.387	2565.050	1879.572
#3	2984.320	38898.77	3171.200	2580.025	1880.877

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-07 Acquired: 12/23/2024 21:26:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513041	-.008376	.1704528	.0280409	.0235388	42.93649	.4668431
Stddev	.0078972	.004571	.0014969	.0035319	.0020273	.30592	.0028456
%RSD	15.39301	54.57045	.8781952	12.59537	8.612384	.7124833	.6095393
#1	.0584633	-.010922	.1697657	.0320110	.0211980	42.95569	.4652768
#2	.0428331	-.011107	.1694229	.0268638	.0246974	43.23236	.4701278
#3	.0526160	-.003099	.1721699	.0252479	.0247211	42.62143	.4651248

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041668	.0031811	586.2557	.0702171	.1017701	.1799890	115.9337
Stddev	.0002142	.0001372	4.6156	.0003216	.0003891	.0046294	1.2353
%RSD	5.139512	4.311601	.7873082	.4580336	.3823321	2.572063	1.065507
#1	.0043473	.0032631	584.8617	.0705110	.1021059	.1853074	115.6759
#2	.0042229	.0030228	591.4076	.0702668	.1013437	.1777960	117.2776
#3	.0039302	.0032575	582.4976	.0698736	.1018607	.1768635	114.8477

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.039618	91.15473	.1138209	.0041635	-1.58828	.1038772	.3816393
Stddev	.059584	.83678	.0007259	.0008199	.82977	.0053617	.0072206
%RSD	.6591401	.9179772	.6377935	19.69195	52.24296	5.161579	1.891992
#1	9.026114	90.77780	.1135707	.0049318	-1.37508	.1081048	.3735793
#2	9.104795	92.11368	.1132531	.0042585	-2.50384	.1056804	.3838213
#3	8.987946	90.57271	.1146389	.0033003	-.88592	.0978463	.3875171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.682888	4.901178	.0179889	.0025652	1.216291	6.328568	.0323111
Stddev	.117868	.013996	.0006524	.0006026	.007189	.065812	.0016355
%RSD	3.200410	.2855732	3.626641	23.49107	.5911004	1.039921	5.061623
#1	3.571163	4.908710	.0185053	.0032607	1.224213	6.350923	.0341845
#2	3.806062	4.885029	.0172557	.0022005	1.210182	6.380290	.0311680
#3	3.671438	4.909797	.0182056	.0022343	1.214478	6.254490	.0315809

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-07 Acquired: 12/23/2024 21:26:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4895648	.3225267	.0732535
Stddev	.0049725	.0027525	.0009666
%RSD	1.015695	.8534239	1.319539
#1	.4943296	.3225448	.0723710
#2	.4899569	.3252700	.0731030
#3	.4844078	.3197651	.0742866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2393.517	31189.23	2611.935	2042.626	1709.547
Stddev	2.539	65.67	25.524	10.290	2.985
%RSD	.1060945	.2105609	.9772131	.5037618	.1746359
#1	2394.707	31263.02	2604.686	2052.540	1710.480
#2	2395.242	31167.51	2590.820	2043.340	1711.956
#3	2390.601	31137.18	2640.300	2031.997	1706.207

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-08 Acquired: 12/23/2024 21:30:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL34D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567285	-.011365	.1687958	.0351363	.0188258	42.70046	.4650919
Stddev	.0044916	.000642	.0038198	.0037047	.0008916	.08128	.0025624
%RSD	7.917777	5.646796	2.262992	10.54379	4.735887	.1903395	.5509480
#1	.0582427	-.011847	.1684148	.0394134	.0190917	42.69739	.4642347
#2	.0516755	-.010637	.1651807	.0330672	.0195541	42.78323	.4679730
#3	.0602674	-.011611	.1727918	.0329284	.0178315	42.62077	.4630679

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040927	.0031303	582.0228	.0701014	.1007043	.1762956	115.6978
Stddev	.0000703	.0000640	.6934	.0006576	.0008451	.0014303	.2866
%RSD	1.718497	2.045192	.1191367	.9379926	.8391576	.8113196	.2476736
#1	.0040201	.0032020	582.6019	.0696012	.1016799	.1747111	116.0115
#2	.0041605	.0031101	582.2121	.0708462	.1002309	.1766842	115.4498
#3	.0040975	.0030789	581.2544	.0698569	.1002020	.1774915	115.6321

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.002221	91.12488	.1122986	.0027111	-1.15862	.0993506	.3686747
Stddev	.005568	.21109	.0005734	.0009069	.28619	.0064755	.0151528
%RSD	.0618494	.2316450	.5106122	33.45183	24.70079	6.517796	4.110076
#1	8.996163	90.97726	.1129458	.0017558	-.86913	.1038707	.3558501
#2	9.007115	91.36666	.1118540	.0028170	-1.16536	.0919322	.3647790
#3	9.003383	91.03071	.1120961	.0035603	-1.44139	.1022487	.3853951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.591741	4.862740	.0178060	.0034157	1.206044	6.288194	.0293829
Stddev	.086170	.014561	.0018239	.0006329	.007083	.056000	.0007239
%RSD	2.399125	.2994464	10.24303	18.52770	.5873130	.8905572	2.463718
#1	3.511459	4.857132	.0199095	.0027869	1.205132	6.351798	.0287151
#2	3.580976	4.851817	.0168420	.0040526	1.199460	6.266489	.0301522
#3	3.682788	4.879272	.0166663	.0034076	1.213539	6.246295	.0292814

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-08 Acquired: 12/23/2024 21:30:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL34D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4838817	.3177825	.0686361
Stddev	.0022327	.0015262	.0013453
%RSD	.4614252	.4802639	1.960017
#1	.4863832	.3191990	.0672078
#2	.4820905	.3161662	.0688213
#3	.4831715	.3179822	.0698791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.579	31288.60	2615.402	2052.367	1714.372
Stddev	2.956	69.83	19.452	3.333	5.221
%RSD	.1232789	.2231707	.7437444	.1624196	.3045720
#1	2398.907	31321.40	2593.280	2052.423	1715.484
#2	2399.638	31336.00	2629.832	2049.005	1718.948
#3	2394.193	31208.42	2623.093	2055.671	1708.684

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-07LX5 Acquired: 12/23/2024 21:34:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL34L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054347	.0110535	.0424366	-.011443	.0073431	10.04971	.1070331
Stddev	.0018193	.0050110	.0016144	.002214	.0017362	.04263	.0018896
%RSD	33.47649	45.33399	3.804272	19.35186	23.64392	.4242258	1.765469
#1	.0038785	.0114986	.0418650	-.010751	.0090454	10.03954	.1056092
#2	.0074350	.0158270	.0411857	-.009657	.0055749	10.01308	.1091769
#3	.0049905	.0058347	.0442590	-.013921	.0074090	10.09651	.1063134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010173	.0004600	137.0341	.0163019	.0416115	.0434020	27.60142
Stddev	.0000843	.0000833	.5129	.0004371	.0004227	.0036767	.09934
%RSD	8.282659	18.10659	.3742956	2.681483	1.015894	8.471303	.3599054
#1	.0010185	.0005172	136.5123	.0168062	.0416632	.0465174	27.48704
#2	.0011009	.0003645	137.0524	.0160310	.0411653	.0393465	27.66611
#3	.0009324	.0004984	137.5377	.0160685	.0420060	.0443421	27.65110

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.159385	21.79711	.0213235	.0014059	-1.45180	.0229312	.0934111
Stddev	.004191	.14620	.0003422	.0005217	.74469	.0015454	.0156746
%RSD	.1940945	.6707241	1.604763	37.10448	51.29417	6.739397	16.78029
#1	2.155231	21.71987	.0217185	.0008688	-1.38320	.0218798	.1106164
#2	2.159311	21.70573	.0211351	.0014383	-.74379	.0222081	.0799424
#3	2.163613	21.96572	.0211170	.0019107	-2.22842	.0247056	.0896745

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0882757	.9541557	.0005640	.0028004	.2544089	1.659497	.0079192
Stddev	.0410548	.0034158	.0028711	.0007512	.0043888	.004078	.0024814
%RSD	46.50755	.3579957	509.0750	26.82472	1.725105	.2457531	31.33385
#1	.0472475	.9547720	.0031316	.0021915	.2522400	1.662309	.0102379
#2	.1293572	.9504737	.0010965	.0036399	.2594599	1.661363	.0053021
#3	.0882223	.9572214	-.002536	.0025700	.2515268	1.654820	.0082176

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-07LX5 Acquired: 12/23/2024 21:34:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL34L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1230419	.0738315	.0111077
Stddev	.0008982	.0003104	.0007482
%RSD	.7300215	.4203900	6.735588
#1	.1221033	.0738666	.0110439
#2	.1238934	.0735051	.0118857
#3	.1231290	.0741229	.0103934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2134.304	27792.37	2275.915	1826.672	1815.786
Stddev	2.270	81.95	13.842	12.231	2.849
%RSD	.1063522	.2948586	.6081791	.6695706	.1569072
#1	2132.294	27697.79	2291.608	1814.947	1815.506
#2	2136.766	27842.25	2270.692	1825.718	1818.765
#3	2133.851	27837.08	2265.445	1839.353	1813.087

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-09 Acquired: 12/23/2024 21:38:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL43S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1400788	.0751691	.2085314	.1786946	.1699872	46.27471	3.700109
Stddev	.0053246	.0051686	.0029739	.0049985	.0012673	.05313	.005681
%RSD	3.801158	6.876024	1.426090	2.797249	.7455059	.1148101	.1535380
#1	.1461744	.0746252	.2112675	.1839319	.1687690	46.32528	3.704569
#2	.1363354	.0702939	.2089603	.1739751	.1698941	46.21935	3.702046
#3	.1377265	.0805881	.2053664	.1781767	.1712983	46.27950	3.693713

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0853802	.0971474	579.4429	.4074893	1.032020	.5586823	117.1180
Stddev	.0003624	.0001183	1.6287	.0007688	.004020	.0088246	.2634
%RSD	.4244155	.1217261	.2810722	.1886699	.3895588	1.579536	.2248596
#1	.0853194	.0970466	581.0149	.4081119	1.032984	.5648958	117.4221
#2	.0857692	.0971181	579.5508	.4066300	1.027605	.5625696	116.9598
#3	.0850522	.0972776	577.7630	.4077262	1.035470	.5485814	116.9723

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.759703	90.40423	1.063782	.0615004	-.949249	.9354396	1.160228
Stddev	.023763	.37461	.002137	.0005307	1.178061	.0062109	.000567
%RSD	.2434809	.4143678	.2008408	.8628855	124.1045	.6639601	.0488904
#1	9.786827	90.56093	1.065259	.0620631	-2.29608	.9416167	1.159604
#2	9.742551	90.67504	1.061332	.0614294	-.44122	.9355067	1.160711
#3	9.749730	89.97672	1.064755	.0610089	-.11045	.9291954	1.160370

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.913005	4.857090	.0206096	.0035147	1.215034	6.887420	.0306108
Stddev	.027277	.017432	.0017141	.0005684	.012908	.037975	.0018477
%RSD	.6970925	.3588926	8.317079	16.17216	1.062344	.5513671	6.035981
#1	3.943714	4.861336	.0225724	.0041607	1.225894	6.919777	.0285693
#2	3.903716	4.837927	.0198494	.0032925	1.200763	6.896870	.0321682
#3	3.891585	4.872006	.0194071	.0030910	1.218444	6.845612	.0310950

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-09 Acquired: 12/23/2024 21:38:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL43S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5254373	.3158500	.0751743
Stddev	.0090653	.0007125	.0055603
%RSD	1.725284	.2255697	7.396533
#1	.5320951	.3159963	.0688253
#2	.5151130	.3164779	.0791761
#3	.5291037	.3150757	.0775215

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.441	31148.98	2613.459	2038.309	1705.498
Stddev	3.784	56.94	12.922	2.567	.876
%RSD	.1588768	.1828015	.4944520	.1259592	.0513815
#1	2385.005	31085.29	2602.404	2040.757	1706.385
#2	2377.470	31166.71	2610.307	2035.636	1705.475
#3	2381.848	31194.95	2627.666	2038.532	1704.633

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-10 Acquired: 12/23/2024 21:42:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL77 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1639003	-.072716	.5708849	.1053102	.0382164	72.44815	.7763787
Stddev	.0023124	.002199	.0013142	.0018149	.0035850	.29645	.0006473
%RSD	1.410842	3.023996	.2302000	1.723360	9.380765	.4091855	.0833709
#1	.1627513	-.070272	.5693688	.1067853	.0346340	72.10606	.7757833
#2	.1665621	-.073343	.5716998	.1032835	.0418039	72.60850	.7762853
#3	.1623875	-.074534	.5715860	.1058618	.0382112	72.62989	.7770677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081376	.0076024	35.62867	.1173491	.1158397	.2536661	186.4924
Stddev	.0000414	.0001292	.08800	.0004782	.0008431	.0045311	.6630
%RSD	.5081780	1.699779	.2469913	.4074687	.7277771	1.786245	.3555271
#1	.0080922	.0076003	35.53703	.1175786	.1165741	.2485204	185.7667
#2	.0081732	.0074743	35.63648	.1176693	.1160258	.2570587	187.0664
#3	.0081474	.0077327	35.71251	.1167995	.1149191	.2554192	186.6441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.23032	23.16931	.1820111	.0056685	-1.07028	.2050250	.6900206
Stddev	.02573	.13270	.0005909	.0011216	.36510	.0033801	.0140448
%RSD	.2290779	.5727537	.3246580	19.78654	34.11205	1.648644	2.035420
#1	11.20331	23.03528	.1826604	.0059757	-.88166	.2081092	.6861415
#2	11.25453	23.30065	.1818681	.0044253	-.83808	.2014114	.6783230
#3	11.23312	23.17200	.1815048	.0066045	-1.49111	.2055545	.7055972

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.411720	6.034455	.0138254	.0079196	3.439818	9.898730	.0426938
Stddev	.083522	.011853	.0014521	.0005582	.003280	.019584	.0004215
%RSD	1.126885	.1964245	10.50275	7.048087	.0953401	.1978419	.9872862
#1	7.315291	6.030012	.0124907	.0082257	3.437796	9.891359	.0422078
#2	7.458531	6.025464	.0136139	.0082578	3.443602	9.883902	.0429598
#3	7.461337	6.047887	.0153716	.0072754	3.438057	9.920930	.0429138

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-10 Acquired: 12/23/2024 21:42:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL77 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8589104	-.107034	.0682382
Stddev	.0021170	.000271	.0020808
%RSD	.2464771	.2534661	3.049348
#1	.8610414	-.106815	.0658365
#2	.8588822	-.107337	.0693795
#3	.8568076	-.106949	.0694986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2744.787	35731.49	2892.337	2365.032	1907.489
Stddev	9.344	54.01	11.486	10.739	9.336
%RSD	.3404241	.1511543	.3971052	.4540914	.4894201
#1	2754.174	35746.25	2902.357	2376.726	1914.788
#2	2744.701	35776.58	2894.853	2362.756	1910.710
#3	2735.487	35671.63	2879.802	2355.612	1896.970

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-11 Acquired: 12/23/2024 21:46:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1571554	-.066205	.5572358	.0989933	.0354637	68.70497	.7081660
Stddev	.0046307	.001831	.0010378	.0034026	.0018376	.22930	.0013240
%RSD	2.946542	2.766140	.1862478	3.437225	5.181686	.3337387	.1869671
#1	.1624403	-.064143	.5561644	.1021544	.0374324	68.50787	.7092711
#2	.1552165	-.066831	.5573066	.0994336	.0351650	68.95662	.7085284
#3	.1538093	-.067641	.5582365	.0953920	.0337938	68.65042	.7066985

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076992	.0068146	47.39715	.1075849	.1104602	.2515758	176.7645
Stddev	.0001019	.0000706	.05418	.0004255	.0006733	.0016983	.7709
%RSD	1.323156	1.036098	.1143075	.3954797	.6095147	.6750740	.4361420
#1	.0076554	.0068826	47.37284	.1071043	.1098849	.2512012	176.1410
#2	.0076265	.0068197	47.45923	.1079134	.1102950	.2534302	177.6265
#3	.0078156	.0067416	47.35939	.1077370	.1112007	.2500961	176.5258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.39922	26.78748	.1739919	.0048382	-1.34546	.1897211	.6930357
Stddev	.02697	.09440	.0010079	.0006650	.34514	.0027369	.0144786
%RSD	.2593818	.3523863	.5792745	13.74477	25.65202	1.442581	2.089159
#1	10.38420	26.73493	.1745696	.0055616	-1.33324	.1927723	.6839777
#2	10.43036	26.73105	.1728281	.0046994	-1.00660	.1874828	.6853952
#3	10.38310	26.89645	.1745780	.0042535	-1.69655	.1889081	.7097341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.111581	7.519640	.0148009	.0068374	3.473338	9.848853	.0392533
Stddev	.106203	.019599	.0022640	.0003089	.013490	.024757	.0019959
%RSD	1.493378	.2606415	15.29633	4.518074	.3883834	.2513733	5.084640
#1	6.988971	7.540831	.0172504	.0071710	3.458869	9.829591	.0406496
#2	7.170830	7.502164	.0143671	.0065612	3.475574	9.840190	.0369673
#3	7.174942	7.515925	.0127852	.0067801	3.485570	9.876778	.0401430

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-11 Acquired: 12/23/2024 21:46:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL78 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7859585	-.087065	.0671325
Stddev	.0010367	.000886	.0046535
%RSD	.1319044	1.017292	6.931841
#1	.7862545	-.086354	.0620602
#2	.7868150	-.088057	.0712045
#3	.7848060	-.086784	.0681327

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2729.335	35523.12	2857.955	2359.771	1900.565
Stddev	2.281	73.86	6.066	3.585	2.564
%RSD	.0835554	.2079245	.2122553	.1519102	.1349335
#1	2730.536	35465.03	2858.999	2355.825	1899.427
#2	2730.764	35606.25	2863.431	2362.825	1903.501
#3	2726.705	35498.10	2851.434	2360.664	1898.766

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-12 Acquired: 12/23/2024 21:49:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL79 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1708488	-.069143	.5935236	.1081687	.0407601	74.69730	.8145861
Stddev	.0034004	.007750	.0018681	.0021150	.0018477	.19076	.0013737
%RSD	1.990277	11.20904	.3147394	1.955249	4.533128	.2553815	.1686346
#1	.1721855	-.067706	.5913751	.1085058	.0414328	74.52280	.8136203
#2	.1669832	-.062211	.5944327	.1100948	.0386703	74.90097	.8161586
#3	.1733778	-.077511	.5947632	.1059054	.0421772	74.66812	.8139793

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083216	.0079063	49.74961	.1121825	.1239963	.2577625	196.5887
Stddev	.0001057	.0000814	.20939	.0006422	.0011360	.0076964	.5763
%RSD	1.270076	1.029056	.4208824	.5724899	.9161409	2.985856	.2931405
#1	.0082783	.0078145	49.67346	.1124028	.1231035	.2547948	195.9403
#2	.0082444	.0079349	49.98642	.1114591	.1236104	.2665010	197.0424
#3	.0084421	.0079695	49.58896	.1126855	.1252750	.2519917	196.7832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.88335	31.90966	.1902789	.0051027	-1.46339	.1997507	.6766318
Stddev	.01979	.06640	.0003575	.0008577	.21384	.0051489	.0062724
%RSD	.1665049	.2081010	.1878679	16.80939	14.61267	2.577640	.9270046
#1	11.87647	31.90155	.1904552	.0042114	-1.64178	.2050683	.6739267
#2	11.90566	31.97975	.1898675	.0059224	-1.22634	.1947890	.6838029
#3	11.86793	31.84769	.1905139	.0051744	-1.52203	.1993947	.6721659

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.291607	5.550870	.0089931	.0057502	2.743703	8.235288	.0402948
Stddev	.195526	.016637	.0031956	.0001241	.015957	.057360	.0005756
%RSD	3.107733	.2997125	35.53370	2.158623	.5815807	.6965207	1.428473
#1	6.278030	5.537910	.0053082	.0056953	2.740418	8.231911	.0396427
#2	6.493569	5.545069	.0110016	.0056629	2.729644	8.179691	.0407322
#3	6.103224	5.569630	.0106696	.0058923	2.761046	8.294263	.0405096

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5063-12 Acquired: 12/23/2024 21:49:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL79 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7069434	-.110514	.0736502
Stddev	.0024003	.000449	.0011534
%RSD	.3395316	.4059498	1.566107
#1	.7047476	-.110220	.0731518
#2	.7095060	-.110290	.0749690
#3	.7065766	-.111030	.0728298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2821.139	36767.13	3002.518	2440.923	1880.459
Stddev	9.125	149.83	13.347	9.564	7.039
%RSD	.3234366	.4075003	.4445265	.3918075	.3743469
#1	2831.580	36755.91	3012.771	2449.385	1886.718
#2	2817.139	36623.23	3007.356	2430.547	1881.820
#3	2814.697	36922.25	2987.427	2442.838	1872.838

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV006 Acquired: 12/23/2024 21:53:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.986639	4.714978	23.96071	4.811410	4.801980	392.5702	9.919332
Stddev	.012084	.013116	.03690	.018768	.011547	.8412	.028306
%RSD	.2423309	.2781843	.1540153	.3900732	.2404538	.2142803	.2853583
#1	4.980700	4.716845	23.95899	4.811899	4.796935	392.6782	9.942240
#2	4.978675	4.701028	23.92470	4.792402	4.793814	393.3521	9.928068
#3	5.000544	4.727061	23.99845	4.829928	4.815190	391.6802	9.887688

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4896515	2.411255	399.1338	15.06764	2.425948	14.75167	402.3591
Stddev	.0023846	.004137	.6880	.02416	.002740	.07998	1.2551
%RSD	.4869889	.1715776	.1723633	.1603747	.1129389	.5421449	.3119476
#1	.4910772	2.411929	398.7864	15.09471	2.425595	14.66932	402.7672
#2	.4868987	2.406822	399.9262	15.04825	2.423402	14.82904	403.3595
#3	.4909788	2.415014	398.6889	15.05997	2.428848	14.75664	400.9507

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.71092	396.7161	2.429184	1.251552	392.9182	2.475265	14.91834
Stddev	.05266	1.2469	.002044	.002542	1.5219	.014247	.15684
%RSD	.3579514	.3143001	.0841571	.2031229	.3873388	.5755940	1.051295
#1	14.69936	396.0623	2.429535	1.254480	393.4107	2.474607	14.74343
#2	14.76840	398.1539	2.426987	1.249900	394.1329	2.489831	14.96516
#3	14.66501	395.9320	2.431030	1.250276	391.2110	2.461359	15.04643

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	146.1504	4.836513	4.730234	4.780662	4.828685	4.624987	4.862971
Stddev	.8525	.005548	.020722	.017971	.015703	.018883	.011667
%RSD	.5832752	.1147110	.4380673	.3759062	.3251937	.4082884	.2399176
#1	145.9868	4.841983	4.750621	4.772721	4.823946	4.643486	4.859672
#2	147.0729	4.830890	4.709193	4.768029	4.815899	4.605741	4.853309
#3	145.3917	4.836666	4.730889	4.801235	4.846212	4.625735	4.875933

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV006 Acquired: 12/23/2024 21:53:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.898648	4.663305	4.924516
Stddev	.016261	.011779	.008639
%RSD	.3319412	.2525794	.1754306
#1	4.884945	4.650090	4.925590
#2	4.894384	4.672697	4.932568
#3	4.916616	4.667129	4.915390

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1811.917	24611.68	2132.801	1541.944	1582.189
Stddev	4.171	42.12	8.823	8.543	.978
%RSD	.2301730	.1711268	.4136969	.5540352	.0618058
#1	1811.849	24567.88	2124.822	1544.019	1581.207
#2	1816.122	24651.89	2142.277	1549.258	1583.162
#3	1807.781	24615.27	2131.304	1532.554	1582.198

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB006 Acquired: 12/23/2024 21:57:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004902	-.001488	.0050765	.0043473	.0001835	.0405252	-.002226
Stddev	.0035607	.004899	.0014644	.0042841	.0006145	.0338900	.000557
%RSD	726.4180	329.3451	28.84604	98.54860	334.8743	83.62696	25.00630
#1	.0043590	-.006029	.0065616	.0023268	-.000094	.0761137	-.002866
#2	-.002650	-.002138	.0036337	.0014469	.000888	.0368244	-.001848
#3	-.000239	.003704	.0050342	.0092680	-.000243	.0086375	-.001965

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000384	.0000136	-.015477	-.000126	-.000128	.0057395	.0326924
Stddev	.0000969	.0001024	.028309	.000171	.000044	.0015477	.0378230
%RSD	252.0580	755.3984	182.9084	135.8034	34.24447	26.96660	115.6932
#1	-.000047	-.000084	.002756	.000047	-.000101	.0075241	.0195584
#2	.000018	.000005	-.048090	-.000131	-.000104	.0047643	.0753316
#3	.000144	.000120	-.001098	-.000294	-.000178	.0049300	.0031874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028592	.0143843	.0009074	.0004157	-1.14798	.0001972	-.001337
Stddev	.0018174	.0739891	.0004978	.0007819	.91063	.0056600	.007341
%RSD	63.56418	514.3744	54.85509	188.0823	79.32396	2869.680	549.1115
#1	.0013464	.0385519	.0012418	.0010918	-1.17798	-.006173	.004233
#2	.0048752	-.068667	.0003354	-.000441	-.22273	.004647	.001412
#3	.0023560	.073268	.0011451	.000596	-2.04324	.002118	-.009656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.898485	.0004903	.0051895	.0003092	-.005433	-.082672	-.000836
Stddev	.088315	.0005126	.0004639	.0004559	.001698	.000801	.001859
%RSD	9.829309	104.5609	8.938371	147.4625	31.26018	.9682977	222.3505
#1	-.999558	.0010708	.0051842	.0001971	-.007080	-.082645	-.001283
#2	-.836217	.0000998	.0056560	-.000080	-.005531	-.083486	.001206
#3	-.859679	.0003002	.0047284	.000811	-.003688	-.081886	-.002430

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB006 Acquired: 12/23/2024 21:57:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB006 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0000420	.0001857	.0013333
Stddev	.0025925	.0001824	.0010820
%RSD	6178.864	98.21362	81.15081
#1	-.000608	.0003930	.0025762
#2	.002898	.0001138	.0006018
#3	-.002164	.0000502	.0008220

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2009.783	26313.39	2142.092	1742.036	1820.190
Stddev	7.680	101.50	11.343	13.435	7.133
%RSD	.3821138	.3857531	.5295313	.7712432	.3918870
#1	2017.420	26233.10	2155.186	1728.531	1826.477
#2	2009.868	26427.48	2135.813	1755.400	1821.654
#3	2002.061	26279.58	2135.277	1742.178	1812.438

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-01 Acquired: 12/23/2024 22:01:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703631	-.028155	.3826370	.0401822	.0239615	53.24332
Stddev	.0043954	.002870	.0019111	.0030388	.0015001	.10273
%RSD	6.246785	10.19205	.4994639	7.562630	6.260495	.1929485
#1	.0735025	-.028999	.3824389	.0410960	.0256704	53.16377
#2	.0653398	-.030509	.3808326	.0367914	.0233519	53.20690
#3	.0722472	-.024959	.3846394	.0426593	.0228622	53.35930

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6952261	.0055085	.0037268	231.0478	.0887510	.0795028
Stddev	.0009937	.0001807	.0000662	.3427	.0003927	.0006028
%RSD	.1429374	3.279662	1.775478	.1483202	.4424814	.7581717
#1	.6959519	.0056336	.0036504	231.1246	.0892044	.0797931
#2	.6940935	.0053014	.0037668	230.6733	.0885282	.0788098
#3	.6956329	.0055905	.0037631	231.3456	.0885203	.0799055

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0869335	116.0938	2.708690	92.37181	.0971205	.0027612
Stddev	.0031883	.2729	.004809	.10116	.0006796	.0014737
%RSD	3.667505	.2350944	.1775331	.1095151	.6997852	53.37026
#1	.0851219	115.9951	2.707756	92.39362	.0978106	.0027825
#2	.0906149	115.8840	2.704416	92.26152	.0964518	.0042241
#3	.0850637	116.4024	2.713897	92.46029	.0970992	.0012770

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.973596	.1408360	.5655888	3.840009	F 12.49066	.0188718
Stddev	.629687	.0027213	.0066511	.027587	.05097	.0015515
%RSD	64.67645	1.932214	1.175968	.7184119	.4080471	8.221283
#1	-1.20581	.1380549	.5624402	3.808811	12.49640	.0187189
#2	-.26078	.1434932	.5732296	3.861183	12.43706	.0204942
#3	-1.45420	.1409598	.5610966	3.850033	12.53851	.0174025

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-01 Acquired: 12/23/2024 22:01:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052710	1.770068	7.083483	.0344183	.8415743	.1230710
Stddev	.0003134	.005024	.074821	.0011002	.0012501	.0008162
%RSD	5.946572	.2838510	1.056273	3.196596	.1485484	.6632185
#1	.0049100	1.768073	7.090932	.0356232	.8418813	.1232287
#2	.0054738	1.766348	7.005217	.0341647	.8401993	.1221874
#3	.0054292	1.775784	7.154301	.0334670	.8426424	.1237968

Elem	Li6707
Units	ppm
Avg	.0977170
Stddev	.0030384
%RSD	3.109421
#1	.0972428
#2	.1009646
#3	.0949435

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2525.458	33007.32	2723.751	2163.539	1774.269
Stddev	9.496	71.66	17.025	10.595	9.372
%RSD	.3760301	.2170952	.6250418	.4897255	.5282055
#1	2528.176	32925.50	2724.048	2152.288	1773.794
#2	2533.300	33037.54	2740.625	2165.002	1783.869
#3	2514.899	33058.92	2706.579	2173.327	1765.144

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-02 Acquired: 12/23/2024 22:05:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0598523	-.026266	.3830238	.0383362	.0248959	52.29370
Stddev	.0022686	.004068	.0034897	.0050783	.0052209	.15147
%RSD	3.790338	15.48572	.9110999	13.24685	20.97081	.2896431
#1	.0585378	-.021924	.3851495	.0422297	.0268006	52.12040
#2	.0585472	-.026888	.3849257	.0401868	.0189901	52.35997
#3	.0624718	-.029988	.3789963	.0325921	.0288969	52.40075

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6848771	.0053894	.0037892	227.6094	.0876550	.0801279
Stddev	.0018326	.0001941	.0001100	.7123	.0002601	.0010620
%RSD	.2675855	3.602243	2.901667	.3129336	.2966788	1.325336
#1	.6830323	.0055412	.0038773	226.7933	.0875741	.0805494
#2	.6866973	.0051707	.0038244	227.9290	.0874450	.0789199
#3	.6849018	.0054564	.0036660	228.1058	.0879459	.0809144

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0869953	114.1100	2.657668	90.52022	.0976035	.0019580
Stddev	.0047482	.3017	.008630	.33378	.0004121	.0009555
%RSD	5.458004	.2644370	.3247211	.3687385	.4222100	48.79825
#1	.0816918	113.8885	2.652397	90.61918	.0971473	.0026880
#2	.0908513	113.9877	2.652979	90.14815	.0977145	.0023094
#3	.0884429	114.4536	2.667627	90.79334	.0979487	.0008766

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.64841	.1410920	.5809434	3.759178	F 12.47309	.0171684
Stddev	.25759	.0091115	.0079388	.093043	.01023	.0024456
%RSD	15.62654	6.457857	1.366532	2.475082	.0820005	14.24490
#1	-1.92185	.1512973	.5737515	3.803578	12.48004	.0187787
#2	-1.61303	.1382049	.5796167	3.652253	12.46135	.0183724
#3	-1.41033	.1337738	.5894619	3.821704	12.47789	.0143542

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-02 Acquired: 12/23/2024 22:05:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048748	1.774511	7.084397	.0359072	.8449052	.1219775
Stddev	.0006328	.003897	.094783	.0013384	.0048147	.0012334
%RSD	12.98173	.2196060	1.337913	3.727374	.5698454	1.011188
#1	.0043334	1.778128	7.104858	.0364789	.8440996	.1206980
#2	.0055705	1.770384	6.981054	.0368649	.8405441	.1231590
#3	.0047205	1.775022	7.167278	.0343779	.8500718	.1220754

Elem	Li6707
Units	ppm
Avg	.0937619
Stddev	.0050279
%RSD	5.362366
#1	.0883981
#2	.0945199
#3	.0983678

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.157	33443.61	2751.127	2199.363	1774.289
Stddev	2.385	131.10	30.497	15.913	2.728
%RSD	.0943073	.3920022	1.108525	.7235396	.1537347
#1	2529.283	33389.38	2744.334	2192.950	1776.664
#2	2531.477	33348.34	2784.448	2187.657	1774.892
#3	2526.711	33593.13	2724.599	2217.482	1771.310

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-01LX5 Acquired: 12/23/2024 22:09:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050548	.0035223	.0840348	-.001359	.0088921	12.53415	.1628558
Stddev	.0049635	.0005282	.0022781	.002664	.0011667	.03599	.0019561
%RSD	98.19291	14.99531	2.710852	196.0763	13.12053	.2871644	1.201135
#1	.0076273	.0037280	.0866144	-.004414	.0098981	12.50551	.1611789
#2	.0082040	.0029222	.0822989	.000482	.0091653	12.57456	.1650048
#3	-.000667	.0039166	.0831911	-.000144	.0076131	12.52239	.1623836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013819	.0006409	55.60749	.0215260	.0307906	.0250757	28.02358
Stddev	.0001408	.0001256	.10164	.0004605	.0005055	.0080295	.05097
%RSD	10.18936	19.59612	.1827809	2.139371	1.641737	32.02104	.1818868
#1	.0013268	.0007846	55.66089	.0217697	.0313306	.0159828	27.99810
#2	.0012770	.0005522	55.67131	.0209948	.0303287	.0280529	28.08227
#3	.0015420	.0005859	55.49028	.0218135	.0307126	.0311914	27.99037

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6573115	22.42800	.0183286	.0004518	-1.45632	.0326506	.1499989
Stddev	.0032288	.04809	.0003666	.0006939	.68207	.0050832	.0114279
%RSD	.4912184	.2144041	2.000001	153.5814	46.83536	15.56848	7.618677
#1	.6566116	22.40319	.0186915	.0012425	-1.39073	.0327039	.1430689
#2	.6608328	22.39739	.0179585	-.000056	-2.16881	.0275409	.1631891
#3	.6544899	22.48343	.0183358	.000169	-.80941	.0377069	.1437388

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1846344	2.503676	.0001732	.0029949	.3571559	1.684222	.0090262
Stddev	.1297286	.005274	.0025181	.0003497	.0052596	.007135	.0012438
%RSD	70.26240	.2106688	1454.014	11.67693	1.472621	.4236327	13.77986
#1	.1668430	2.508978	.0029144	.0033948	.3632000	1.681655	.0079930
#2	.0647198	2.498430	-.002037	.0027462	.3536199	1.692285	.0086789
#3	.3223405	2.503620	-.000358	.0028438	.3546477	1.678725	.0104067

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-01LX5 Acquired: 12/23/2024 22:09:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2023755	.0294995	.0158532
Stddev	.0007007	.0004578	.0033571
%RSD	.3462125	1.551925	21.17597
#1	.2023032	.0293923	.0164620
#2	.2031096	.0300014	.0122335
#3	.2017139	.0291048	.0188643

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.112	28197.08	2299.863	1863.519	1839.834
Stddev	1.424	171.98	14.594	10.138	2.426
%RSD	.0657394	.6099224	.6345486	.5440479	.1318667
#1	2167.434	28026.73	2291.198	1852.794	1841.442
#2	2164.604	28370.65	2291.679	1872.945	1837.043
#3	2166.296	28193.86	2316.713	1864.820	1841.018

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-03 Acquired: 12/23/2024 22:13:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1428578	.0553519	.4143581	.1832370	.1679505	55.34411
Stddev	.0050869	.0046903	.0033042	.0030135	.0016649	.73252
%RSD	3.560781	8.473532	.7974201	1.644570	.9913139	1.323575
#1	.1465743	.0499468	.4142624	.1838350	.1698698	55.85865
#2	.1449387	.0583492	.4111028	.1799693	.1670880	54.50544
#3	.1370604	.0577597	.4177091	.1859066	.1668939	55.66824

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.849473	.0847443	.0988768	227.3017	.4221406	1.019297
Stddev	.053426	.0005563	.0002188	3.1272	.0016598	.003478
%RSD	1.387867	.6564523	.2212636	1.375804	.3931877	.3412647
#1	3.884981	.0853394	.0987531	229.8716	.4220361	1.016001
#2	3.788031	.0846561	.0987480	223.8198	.4205355	1.018957
#3	3.875408	.0842373	.0991294	228.2136	.4238502	1.022933

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4569498	115.8177	3.462931	90.92261	1.054273	.0595713
Stddev	.0101839	1.6099	.056817	1.40172	.002951	.0003951
%RSD	2.228664	1.390035	1.640727	1.541661	.2799157	.6633147
#1	.4662027	117.1661	3.509378	91.82864	1.051711	.0591151
#2	.4460385	114.0353	3.399580	89.30807	1.053609	.0597899
#3	.4586082	116.2517	3.479835	91.63113	1.057500	.0598088

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.14954	.9474573	1.285005	3.810899	F 12.35840	.0165097
Stddev	.49473	.0192107	.022294	.169843	.04264	.0023376
%RSD	43.03742	2.027610	1.734914	4.456780	.3450624	14.15906
#1	-.57830	.9559658	1.281781	3.946895	12.32776	.0191583
#2	-1.43022	.9254616	1.264499	3.620526	12.34033	.0156361
#3	-1.44010	.9609443	1.308735	3.865274	12.40710	.0147347

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5071-03 Acquired: 12/23/2024 22:13:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKX5S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046343	1.760575	7.043156	.0359711	.8412412	.1210393
Stddev	.0003470	.011367	.037781	.0014821	.0172585	.0022857
%RSD	7.488581	.6456256	.5364226	4.120138	2.051551	1.888415
#1	.0043222	1.747650	7.086655	.0368843	.8488779	.1233093
#2	.0050080	1.765064	7.024288	.0342611	.8214819	.1187381
#3	.0045727	1.769012	7.018525	.0367680	.8533639	.1210704

Elem	Li6707
Units	ppm
Avg	.0951593
Stddev	.0032702
%RSD	3.436592
#1	.0952986
#2	.0918216
#3	.0983577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2527.981	32920.99	2724.207	2159.370	1779.852
Stddev	4.759	257.47	29.089	24.830	4.554
%RSD	.1882610	.7820808	1.067783	1.149877	.2558676
#1	2532.456	32717.70	2691.994	2133.816	1785.004
#2	2522.981	33210.50	2748.553	2183.406	1776.363
#3	2528.507	32834.75	2732.074	2160.887	1778.190

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165507BL Acquired: 12/23/2024 22:16:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS507 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018953	-.000870	-.001124	.0023130	.0012984	.0366520	-.000344
Stddev	.0053429	.002453	.002104	.0053631	.0013777	.0112424	.001338
%RSD	281.9017	282.0044	187.1375	231.8637	106.1071	30.67323	388.5481
#1	.0032988	.001819	-.003353	.0028715	-.000133	.0489649	-.001841
#2	-.004009	-.002987	-.000848	-.003307	.002615	.0340573	.000070
#3	.006396	-.001442	.000828	.007375	.001413	.0269339	.000737

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000097	-.000036	-.018598	-.001101	-.000113	.0029094	.0093647
Stddev	.000101	.000096	.004110	.000681	.000315	.0033623	.0217929
%RSD	103.8330	266.8901	22.09721	61.88179	278.4136	115.5666	232.7133
#1	-.000020	-.000083	-.023322	-.000971	-.000476	.0051584	.0278445
#2	-.000211	.000075	-.015851	-.001837	.000063	-.000956	-.014667
#3	-.000059	-.000099	-.016620	-.000493	.000074	.004526	.014917

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012121	.1083328	.0003694	-.000238	-2.07540	-.001251	.0048528
Stddev	.0009422	.0972520	.0005941	.001285	.33126	.010633	.0194531
%RSD	77.72826	89.77151	160.8499	540.4358	15.96115	850.1150	400.8656
#1	.0006439	.0957637	.0010415	.000429	-1.73281	.001110	.0196769
#2	.0006928	.0179764	-.000086	-.001719	-2.09936	-.012866	-.017175
#3	.0022997	.2112582	.000153	.000577	-2.39403	.008004	.012056

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.07365	.0012655	-.005457	.0005244	-.005896	-.083302	.0005108
Stddev	.14914	.0016492	.000707	.0005531	.008323	.001012	.0010649
%RSD	13.89107	130.3159	12.95380	105.4726	141.1656	1.214433	208.4782
#1	-.99821	.0028530	-.006254	.0010294	-.014093	-.083389	-.000295
#2	-1.24545	.0013826	-.004907	-.000067	.002547	-.084268	.000110
#3	-.97731	-.000439	-.005211	.000611	-.006142	-.082250	.001718

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165507BL Acquired: 12/23/2024 22:16:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS507 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001662	.0002216	-.009862
Stddev	.005314	.0000861	.004909
%RSD	319.7013	38.87254	49.77695
#1	-.000051	.0001394	-.015495
#2	.002660	.0002143	-.007592
#3	-.007596	.0003112	-.006499

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.544	26407.48	2178.177	1743.698	1842.638
Stddev	.715	147.48	15.614	9.714	1.668
%RSD	.0351155	.5584661	.7168423	.5570895	.0905104
#1	2037.186	26286.95	2172.367	1734.759	1840.969
#2	2036.672	26363.55	2166.301	1742.301	1842.640
#3	2035.773	26571.93	2195.863	1754.035	1844.304

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165507BS Acquired: 12/23/2024 22:20:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS507 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237884	.0495025	.0205659	.0646048	.1075513	.4293103
Stddev	.0023950	.0045310	.0023315	.0030916	.0026568	.0187948
%RSD	10.06786	9.152989	11.33689	4.785463	2.470274	4.377917
#1	.0264691	.0534840	.0215122	.0671196	.1102018	.4117428
#2	.0230367	.0504514	.0179100	.0655417	.1048882	.4270584
#3	.0218595	.0445723	.0222755	.0611531	.1075640	.4491296

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3948774	.0099549	.0095630	9.750266	.0198910	.0985489
Stddev	.0017516	.0001497	.0000792	.062650	.0007476	.0012156
%RSD	.4435890	1.503718	.8279763	.6425499	3.758552	1.233473
#1	.3961422	.0100437	.0096428	9.813496	.0204763	.0988696
#2	.3956119	.0100389	.0094845	9.749091	.0190488	.0972051
#3	.3928781	.0097821	.0095617	9.688212	.0201480	.0995720

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599677	.1955541	.0329945	10.17303	.0768423	.0188064
Stddev	.0082412	.0391766	.0007482	.16249	.0003002	.0007899
%RSD	13.74276	20.03366	2.267668	1.597242	.3906454	4.200121
#1	.0528822	.2055792	.0334492	10.34315	.0771431	.0179723
#2	.0690118	.2287440	.0321310	10.15648	.0765427	.0189036
#3	.0580092	.1523390	.0334034	10.01945	.0768411	.0195431

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.680130	.1124339	.1193152	8.312156	.0183148	F -.007309
Stddev	.463225	.0074058	.0067244	.231145	.0005236	.002568
%RSD	5.336613	6.586815	5.635800	2.780810	2.858941	35.13911
#1	9.049893	.1092377	.1123747	8.562564	.0178263	-.004344
#2	8.160534	.1209010	.1258003	8.266953	.0188676	-.008849
#3	8.829963	.1071628	.1197706	8.106952	.0182505	-.008735

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165507BS Acquired: 12/23/2024 22:20:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS507 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201737	.1727626	F .3705651	.0112469	.1916281	.1985199
Stddev	.0007217	.0008325	.0032145	.0001455	.0022230	.0009577
%RSD	3.577564	.4818954	.8674542	1.294012	1.160054	.4824132
#1	.0193473	.1721989	.3742755	.0110878	.1937904	.1995175
#2	.0206800	.1723700	.3686251	.0113734	.1893490	.1976079
#3	.0204939	.1737188	.3687946	.0112794	.1917449	.1984343

Elem	Li6707
Units	ppm
Avg	F .0199685
Stddev	.0024945
%RSD	12.49235
#1	.0198127
#2	.0175555
#3	.0225373

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2076.445	26915.20	2199.159	1780.823	1880.402
Stddev	14.625	37.81	15.860	3.652	11.247
%RSD	.7043060	.1404842	.7211863	.2050600	.5980962
#1	2066.184	26872.36	2182.525	1784.245	1872.231
#2	2093.191	26929.33	2200.843	1776.978	1893.229
#3	2069.961	26943.91	2214.111	1781.247	1875.747

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-01 Acquired: 12/23/2024 22:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1991573	-.092151	.3351148	.1142794	.0491053	68.69758
Stddev	.0061374	.002577	.0020614	.0030391	.0014617	.03702
%RSD	3.081685	2.796569	.6151303	2.659343	2.976554	.0538935
#1	.2036965	-.091728	.3342318	.1118831	.0486035	68.66134
#2	.1921745	-.094913	.3336419	.1176978	.0507517	68.73534
#3	.2016010	-.089811	.3374706	.1132574	.0479606	68.69605

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7074925	.0087287	.0042533	123.9754	.1085335	.1798538
Stddev	.0015018	.0000868	.0001274	.0586	.0007828	.0011328
%RSD	.2122703	.9944286	2.995283	.0472664	.7212718	.6298213
#1	.7064573	.0087839	.0044003	124.0252	.1076296	.1797076
#2	.7092149	.0087735	.0041755	123.9902	.1089797	.1788012
#3	.7068053	.0086286	.0041840	123.9109	.1089911	.1810525

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2429292	242.0467	6.255063	46.39509	.2096344	.0064281
Stddev	.0025018	.5422	.013638	.21750	.0016524	.0007143
%RSD	1.029859	.2240074	.2180340	.4688058	.7882316	11.11276
#1	.2400872	241.9373	6.246773	46.15393	.2111827	.0071948
#2	.2439015	242.6353	6.270804	46.57640	.2078946	.0063085
#3	.2447990	241.5676	6.247613	46.45495	.2098259	.0057812

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.999395	.1990357	.5199901	5.148399	F 10.45514	.0102345
Stddev	.475148	.0085940	.0110802	.048840	.03883	.0054884
%RSD	47.54357	4.317839	2.130849	.9486453	.3713563	53.62711
#1	-.911099	.2036757	.5184420	5.126920	10.44351	.0060356
#2	-1.51250	.2043124	.5317630	5.113980	10.42345	.0164449
#3	-.57459	.1891190	.5097654	5.204298	10.49845	.0082230

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-01 Acquired: 12/23/2024 22:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041380	.6846290	4.743947	.0282056	.6187576	-.098345
Stddev	.0004295	.0059145	.037125	.0011492	.0023786	.000385
%RSD	10.37810	.8639001	.7825663	4.074247	.3844161	.3914067
#1	.0040383	.6778087	4.786626	.0286754	.6207888	-.097946
#2	.0037673	.6877336	4.726091	.0268959	.6161409	-.098714
#3	.0046086	.6883448	4.719125	.0290454	.6193431	-.098375

Elem	Li6707
Units	ppm
Avg	.0982951
Stddev	.0011156
%RSD	1.134966
#1	.0988350
#2	.0990381
#3	.0970123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2755.488	35942.00	2966.175	2367.393	1833.952
Stddev	6.820	81.78	19.822	10.067	6.795
%RSD	.2475023	.2275413	.6682580	.4252291	.3705334
#1	2763.075	35969.91	2943.487	2367.895	1839.802
#2	2753.524	35849.91	2974.908	2357.085	1835.555
#3	2749.866	36006.17	2980.132	2377.200	1826.498

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-02 Acquired: 12/23/2024 22:28:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046288	-.052309	10.80099	.0718409	.0329838	65.33065
Stddev	.0048170	.002283	.01068	.0042065	.0008384	.21435
%RSD	4.603879	4.363712	.0988910	5.855236	2.541890	.3281033
#1	.1020416	-.053037	10.78950	.0714160	.0322253	65.53296
#2	.1101866	-.049751	10.80283	.0678630	.0328420	65.35298
#3	.1016583	-.054138	10.81063	.0762437	.0338840	65.10601

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9707263	.0076108	.0062404	85.50200	.1188507	.0977174
Stddev	.0007456	.0002138	.0002081	.13968	.0005292	.0002997
%RSD	.0768077	2.808843	3.334603	.1633614	.4452913	.3067418
#1	.9702936	.0078494	.0060054	85.58757	.1192759	.0973739
#2	.9702980	.0075460	.0063146	85.57763	.1182580	.0979260
#3	.9715872	.0074369	.0064013	85.34082	.1190182	.0978523

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3373776	147.0831	4.936566	27.48176	.1895110	.0036242
Stddev	.0032613	.2303	.011175	.04564	.0005286	.0000796
%RSD	.9666530	.1565745	.2263652	.1660871	.2789078	2.196496
#1	.3397935	147.2612	4.949345	27.50689	.1901133	.0035691
#2	.3386712	147.1651	4.928630	27.50932	.1891247	.0037154
#3	.3336679	146.8230	4.931722	27.42908	.1892948	.0035880

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.15776	.1899026	.9587636	8.203483	F 14.93010	.0275719
Stddev	.36136	.0060282	.0116711	.026204	.01835	.0014525
%RSD	31.21223	3.174346	1.217308	.3194242	.1228929	5.268092
#1	-1.42378	.1858521	.9453903	8.185633	14.91782	.0284959
#2	-.74635	.1870254	.9668927	8.233567	14.92128	.0258977
#3	-1.30315	.1968303	.9640079	8.191250	14.95119	.0283222

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-02 Acquired: 12/23/2024 22:28:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075694	4.395722	5.741074	.1681193	.7557296	.0612854
Stddev	.0006146	.012267	.083095	.0007587	.0031085	.0008083
%RSD	8.119486	.2790662	1.447370	.4512858	.4113309	1.318964
#1	.0082698	4.391548	5.829865	.1676579	.7552399	.0612123
#2	.0071204	4.386087	5.728174	.1689950	.7590539	.0621277
#3	.0073179	4.409532	5.665185	.1677052	.7528950	.0605160

Elem	Li6707
Units	ppm
Avg	.0846726
Stddev	.0032232
%RSD	3.806662
#1	.0883129
#2	.0821813
#3	.0835237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2636.837	34571.04	2810.418	2267.299	1886.660
Stddev	1.791	183.52	21.061	10.197	2.024
%RSD	.0679077	.5308393	.7493981	.4497299	.1073039
#1	2636.120	34781.55	2793.106	2278.557	1887.663
#2	2638.876	34444.74	2804.284	2264.656	1887.987
#3	2635.517	34486.83	2833.866	2258.684	1884.330

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-03 Acquired: 12/23/2024 22:32:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1103508	-.047659	1.199448	.0712493	.0279247	67.27983
Stddev	.0022572	.000586	.004017	.0030254	.0021057	.24549
%RSD	2.045464	1.229497	.3348730	4.246226	7.540776	.3648854
#1	.1117884	-.047831	1.197931	.0696466	.0270506	67.02680
#2	.1077492	-.048140	1.196411	.0747389	.0263968	67.51702
#3	.1115149	-.047007	1.204002	.0693624	.0303267	67.29568

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033535	.0078470	.0065237	74.65471	.1195705	.0982290
Stddev	.003592	.0001446	.0001440	.25503	.0001338	.0006723
%RSD	.3475004	1.842361	2.207342	.3416171	.1119355	.6843859
#1	1.031259	.0079755	.0066181	74.40957	.1194740	.0988904
#2	1.037675	.0078749	.0063580	74.91860	.1195142	.0975464
#3	1.031672	.0076905	.0065952	74.63597	.1197233	.0982503

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2912880	143.5281	5.043594	26.40968	.1886684	.0036146
Stddev	.0055887	.5248	.009969	.02353	.0001531	.0005347
%RSD	1.918629	.3656697	.1976500	.0890801	.0811511	14.79379
#1	.2938259	143.0304	5.035110	26.38930	.1887453	.0037210
#2	.2951574	144.0764	5.054573	26.43542	.1887678	.0040881
#3	.2848806	143.4774	5.041098	26.40431	.1884921	.0030346

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.56398	.1912313	.9572665	5.753728	F 14.85223	.0159350
Stddev	.54107	.0033866	.0204943	.133063	.01075	.0011891
%RSD	34.59576	1.770927	2.140924	2.312644	.0723841	7.462143
#1	-2.11522	.1892409	.9582974	5.613398	14.85618	.0157876
#2	-1.54305	.1951416	.9362762	5.878081	14.84006	.0148265
#3	-1.03368	.1893115	.9772260	5.769706	14.86045	.0171909

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-03 Acquired: 12/23/2024 22:32:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071495	3.412164	5.798655	.0827374	.7263435	.0715701
Stddev	.0001937	.010265	.036907	.0008120	.0018234	.0010213
%RSD	2.708853	.3008444	.6364826	.9814262	.2510339	1.426983
#1	.0069678	3.415819	5.831669	.0832086	.7242438	.0704962
#2	.0073532	3.420101	5.805487	.0832037	.7275280	.0716853
#3	.0071275	3.400571	5.758808	.0817997	.7272588	.0725290

Elem	Li6707
Units	ppm
Avg	.0892974
Stddev	.0030006
%RSD	3.360196
#1	.0873084
#2	.0878350
#3	.0927488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2627.632	34302.98	2790.288	2268.205	1853.740
Stddev	11.175	112.73	19.994	7.455	3.440
%RSD	.4252964	.3286411	.7165398	.3286554	.1855703
#1	2640.038	34310.53	2779.761	2270.961	1857.712
#2	2618.354	34186.65	2777.759	2273.890	1851.707
#3	2624.503	34411.74	2813.346	2259.765	1851.802

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-04 Acquired: 12/23/2024 22:36:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1427876	-.073868	9.653890	.1028361	.0376128	63.73978
Stddev	.0058447	.003991	.021081	.0017979	.0030961	.14695
%RSD	4.093288	5.403183	.2183669	1.748326	8.231433	.2305406
#1	.1424416	-.078060	9.642274	.1037515	.0370669	63.88967
#2	.1487976	-.070114	9.641173	.1007647	.0348261	63.73369
#3	.1371235	-.073430	9.678224	.1039921	.0409456	63.59597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.062252	.0086302	.0071100	345.7738	.0983754	.1185590
Stddev	.004632	.0000609	.0000469	1.3136	.0006015	.0001184
%RSD	.4360853	.7055158	.6592086	.3798979	.6114192	.0998763
#1	1.063746	.0085890	.0071575	346.5189	.0990582	.1184346
#2	1.065953	.0087001	.0071089	346.5454	.0979240	.1185722
#3	1.057057	.0086014	.0070638	344.2571	.0981439	.1186703

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2788841	229.2055	7.478671	91.19792	.1669571	.0048800
Stddev	.0055808	.4900	.033545	.04047	.0006140	.0010505
%RSD	2.001108	.2137770	.4485413	.0443746	.3677753	21.52752
#1	.2832965	229.5932	7.495966	91.20636	.1674432	.0060159
#2	.2807451	229.3685	7.500038	91.23350	.1662670	.0039434
#3	.2726106	228.6548	7.440008	91.15390	.1671609	.0046806

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.13755	.2199551	.6909282	4.849765	F 14.98746	.0120350
Stddev	.57880	.0069843	.0116173	.140796	.03538	.0018389
%RSD	27.07778	3.175323	1.681400	2.903160	.2360430	15.27967
#1	-1.77638	.2223335	.6779350	4.773720	14.96949	.0135870
#2	-2.80514	.2254396	.6945364	5.012232	14.96467	.0125141
#3	-1.83113	.2120923	.7003132	4.763343	15.02821	.0100040

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-04 Acquired: 12/23/2024 22:36:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085419	2.843080	5.055193	2.487083	.6216371	.2137630
Stddev	.0001672	.005357	.022757	.011794	.0043106	.0016630
%RSD	1.957570	.1884206	.4501620	.4742288	.6934334	.7779825
#1	.0085285	2.839171	5.058179	2.482730	.6243572	.2145300
#2	.0087154	2.840882	5.076309	2.478084	.6238872	.2149042
#3	.0083818	2.849186	5.031091	2.500435	.6166670	.2118549

Elem	Li6707
Units	ppm
Avg	.0920543
Stddev	.0041760
%RSD	4.536439
#1	.0962811
#2	.0879310
#3	.0919506

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.973	33364.11	2800.420	2191.437	1769.107
Stddev	5.880	184.00	22.929	18.896	6.342
%RSD	.2299468	.5514874	.8187807	.8622435	.3584884
#1	2557.351	33350.48	2800.837	2188.512	1772.314
#2	2562.654	33187.31	2777.285	2174.174	1773.204
#3	2550.913	33554.55	2823.137	2211.624	1761.802

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-05 Acquired: 12/23/2024 22:40:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547842	-.019091	.2674832	.0373978	.0260775	47.74921
Stddev	.0043628	.005914	.0055358	.0027529	.0021887	.29077
%RSD	7.963539	30.97653	2.069583	7.361243	8.392903	.6089516
#1	.0598219	-.014651	.2738732	.0386355	.0269320	47.47532
#2	.0522601	-.025804	.2644334	.0393146	.0235905	47.71797
#3	.0522706	-.016819	.2641430	.0342432	.0277100	48.05434

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6002432	.0050685	.0049021	F 834.7147	.0765877	.1197575
Stddev	.0029964	.0000960	.0000389	4.4547	.0008850	.0017220
%RSD	.4991901	1.894205	.7941181	.5336815	1.155586	1.437937
#1	.5988848	.0049837	.0048571	831.8732	.0769589	.1216417
#2	.5981667	.0051728	.0049239	832.4220	.0772267	.1182652
#3	.6036782	.0050491	.0049252	839.8488	.0755775	.1193657

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2919408	136.6027	8.406909	153.0011	.1536510	.0021935
Stddev	.0119777	1.3196	.055797	.9276	.0013526	.0011351
%RSD	4.102771	.9660174	.6637010	.6062471	.8802984	51.74891
#1	.2978595	135.1679	8.369630	152.1746	.1552123	.0024314
#2	.2781560	136.8760	8.380040	152.8243	.1528343	.0009583
#3	.2998070	137.7643	8.471056	154.0043	.1529064	.0031908

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.64606	.1384090	.5560528	6.232363	7.707822	.0340993
Stddev	.71031	.0059200	.0135482	.246209	.059775	.0021095
%RSD	43.15225	4.277140	2.436487	3.950500	.7755080	6.186282
#1	-2.34318	.1387018	.5712872	6.055732	7.776678	.0348666
#2	-.92325	.1323481	.5515160	6.127752	7.677545	.0357178
#3	-1.67176	.1441771	.5453553	6.513604	7.669245	.0317136

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-05 Acquired: 12/23/2024 22:40:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLW9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039333	1.390153	4.878501	.0322288	.6347381	.6263464
Stddev	.0004858	.008669	.015941	.0013609	.0062376	.0031212
%RSD	12.35211	.6235991	.3267512	4.222548	.9826997	.4983117
#1	.0037382	1.397901	4.863123	.0313009	.6317688	.6260218
#2	.0044863	1.380790	4.894950	.0315945	.6419056	.6234003
#3	.0035753	1.391767	4.877430	.0337910	.6305398	.6296172

Elem	Li6707
Units	ppm
Avg	.0982341
Stddev	.0026536
%RSD	2.701343
#1	.0961668
#2	.0973091
#3	.1012265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2314.754	30430.43	2587.219	1988.205	1644.626
Stddev	16.437	42.65	5.058	7.450	11.594
%RSD	.7100899	.1401424	.1955104	.3746951	.7049818
#1	2295.776	30437.08	2588.996	1985.576	1631.277
#2	2324.425	30384.84	2581.512	1982.427	1650.425
#3	2324.062	30469.35	2591.150	1996.613	1652.178

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-06 Acquired: 12/23/2024 22:43:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771051	-.027045	.2481221	.0501872	.0318950	52.16426
Stddev	.0049754	.003235	.0022216	.0062616	.0005963	.10603
%RSD	6.452740	11.96112	.8953723	12.47646	1.869599	.2032557
#1	.0728428	-.028646	.2480653	.0450067	.0317030	52.19491
#2	.0759002	-.023322	.2503715	.0484093	.0325636	52.25159
#3	.0825723	-.029168	.2459294	.0571454	.0314183	52.04629

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6524105	.0058730	.0059738	F 1021.850	.0932470	.1405423
Stddev	.0027829	.0001656	.0001999	2.263	.0006246	.0008379
%RSD	.4265551	2.819640	3.345519	.2214686	.6698467	.5961816
#1	.6542146	.0058440	.0062044	1022.987	.0938329	.1395993
#2	.6538114	.0057238	.0058673	1023.319	.0925898	.1412011
#3	.6492055	.0060511	.0058498	1019.244	.0933184	.1408265

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3031377	163.8641	10.37709	124.0750	.1980021	.0028085
Stddev	.0053292	.2015	.01005	.0671	.0005728	.0005232
%RSD	1.758007	.1229586	.0968294	.0540553	.2893002	18.62824
#1	.3091176	163.6989	10.38234	123.9975	.1973436	.0022081
#2	.2988904	164.0885	10.38342	124.1140	.1983849	.0030501
#3	.3014052	163.8048	10.36550	124.1133	.1982779	.0031672

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.46431	.1333465	.5163537	8.879077	8.305110	.0477767
Stddev	.21539	.0009995	.0101748	.113469	.006441	.0034204
%RSD	14.70933	.7495771	1.970500	1.277932	.0775575	7.159206
#1	-1.62377	.1340491	.5052498	8.752371	8.299754	.0447045
#2	-1.21929	.1322022	.5185811	8.971314	8.303319	.0514623
#3	-1.54988	.1337881	.5252302	8.913546	8.312257	.0471633

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-06 Acquired: 12/23/2024 22:43:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041405	1.346977	4.961373	.0335858	.7201781	.7283751
Stddev	.0000513	.002014	.056455	.0007355	.0041951	.0019342
%RSD	1.238850	.1495557	1.137882	2.190039	.5825054	.2655518
#1	.0041894	1.345051	5.019375	.0331180	.7176537	.7286568
#2	.0040871	1.346810	4.906605	.0332058	.7178598	.7301530
#3	.0041452	1.349070	4.958139	.0344336	.7250207	.7263154

Elem	Li6707
Units	ppm
Avg	.1118062
Stddev	.0015624
%RSD	1.397406
#1	.1125127
#2	.1128906
#3	.1100154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.702	30775.65	2646.940	2014.000	1635.840
Stddev	4.843	181.92	20.648	11.451	1.143
%RSD	.2049919	.5911194	.7800658	.5685453	.0698464
#1	2363.736	30747.32	2623.424	2006.938	1635.334
#2	2357.425	30609.56	2662.101	2007.851	1635.038
#3	2366.945	30970.07	2655.296	2027.212	1637.148

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-07 Acquired: 12/23/2024 22:47:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0353452	-.041245	.0965248	.0663590	.0352646	61.70433
Stddev	.0015282	.003652	.0014280	.0028664	.0023426	.17656
%RSD	4.323553	8.855171	1.479362	4.319489	6.643031	.2861359
#1	.0371079	-.043864	.0948759	.0689669	.0378264	61.51592
#2	.0343936	-.037073	.0973573	.0632900	.0347360	61.73110
#3	.0345342	-.042798	.0973411	.0668199	.0332315	61.86597

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5763190	.0071286	.0062714	F 1053.153	.1251488	.1451551
Stddev	.0028093	.0000935	.0000629	2.284	.0003249	.0002925
%RSD	.4874503	1.312122	1.002931	.2168604	.2595971	.2015380
#1	.5741707	.0072067	.0061988	1050.643	.1251323	.1451017
#2	.5752883	.0070250	.0063059	1053.707	.1254816	.1448929
#3	.5794980	.0071542	.0063096	1055.108	.1248325	.1454707

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1716083	183.6615	10.84027	114.2197	.2374864	.0026205
Stddev	.0018069	.5588	.03526	.8070	.0017237	.0001907
%RSD	1.052891	.3042451	.3253007	.7065264	.7258252	7.278132
#1	.1729311	183.0165	10.80472	113.3346	.2357135	.0025057
#2	.1695496	183.9701	10.84085	114.4098	.2391564	.0025152
#3	.1723440	183.9980	10.87524	114.9146	.2375893	.0028407

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.39982	.1221693	.4085333	11.71959	7.284650	.0595368
Stddev	.48465	.0119542	.0114707	.12260	.010976	.0012981
%RSD	20.19544	9.784922	2.807773	1.046117	.1506722	2.180372
#1	-2.80950	.1085714	.4196866	11.64404	7.297324	.0593308
#2	-1.86481	.1310236	.3967696	11.65369	7.278195	.0609256
#3	-2.52515	.1269129	.4091437	11.86105	7.278433	.0583540

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-07 Acquired: 12/23/2024 22:47:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034409	.9288047	5.184219	.0316070	1.135414	.6966598
Stddev	.0008782	.0077495	.029967	.0007623	.007849	.0014265
%RSD	25.52303	.8343538	.5780402	2.411639	.6912887	.2047575
#1	.0030549	.9285808	5.192077	.0312997	1.141061	.6951788
#2	.0028219	.9211696	5.209473	.0324749	1.126451	.6967762
#3	.0044461	.9366638	5.151105	.0310464	1.138731	.6980245

Elem	Li6707
Units	ppm
Avg	.1500149
Stddev	.0042860
%RSD	2.857053
#1	.1500421
#2	.1457154
#3	.1542873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.785	31652.12	2718.393	2073.322	1636.104
Stddev	7.939	123.73	14.701	11.484	3.327
%RSD	.3276684	.3909026	.5407997	.5538743	.2033471
#1	2424.698	31793.76	2734.333	2086.569	1634.687
#2	2414.065	31597.50	2705.367	2067.215	1633.720
#3	2429.593	31565.10	2715.480	2066.182	1639.905

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-08 Acquired: 12/23/2024 22:51:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533443	-.031201	.1113599	.0527721	.0319111	54.14490
Stddev	.0018074	.004322	.0020460	.0015237	.0021489	.21920
%RSD	3.388236	13.85086	1.837262	2.887370	6.734104	.4048417
#1	.0522281	-.030065	.1125817	.0532282	.0329205	53.98968
#2	.0523751	-.027561	.1089978	.0540156	.0333694	54.04936
#3	.0554296	-.035977	.1125000	.0510724	.0294433	54.39565

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4064739	.0059809	.0046688	F 895.2444	.1017234	.1284044
Stddev	.0008339	.0000843	.0000994	1.7447	.0005558	.0011319
%RSD	.2051430	1.409905	2.128159	.1948888	.5464071	.8815089
#1	.4055424	.0060439	.0046601	895.5358	.1019931	.1296814
#2	.4067287	.0060138	.0045741	893.3723	.1010842	.1280071
#3	.4071506	.0058851	.0047722	896.8250	.1020929	.1275248

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3003221	161.8912	7.858746	118.1809	.1765127	.0029990
Stddev	.0066833	.9609	.034038	.6683	.0009493	.0012366
%RSD	2.225359	.5935581	.4331192	.5655270	.5377852	41.23327
#1	.2926181	161.4154	7.850300	117.9363	.1774956	.0042308
#2	.3045637	161.2610	7.829726	117.6694	.1764414	.0017577
#3	.3037845	162.9972	7.896211	118.9371	.1756011	.0030084

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.03282	.1297553	.3856623	8.745450	8.641663	.0419188
Stddev	.13536	.0082004	.0131619	.066926	.003286	.0036851
%RSD	6.658633	6.319918	3.412808	.7652680	.0380221	8.791066
#1	-1.87668	.1384223	.3713357	8.672748	8.641142	.0383626
#2	-2.10492	.1287249	.3884328	8.804493	8.645179	.0416733
#3	-2.11687	.1221188	.3972184	8.759109	8.638670	.0457206

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-08 Acquired: 12/23/2024 22:51:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032922	.8762476	4.233210	.0275110	1.232163	.7501889
Stddev	.0006999	.0110156	.014539	.0021829	.009654	.0022336
%RSD	21.26049	1.257136	.3434608	7.934825	.7835140	.2977405
#1	.0025433	.8748261	4.249136	.0269582	1.243197	.7523178
#2	.0034034	.8660117	4.220646	.0256576	1.228025	.7478636
#3	.0039299	.8879049	4.229849	.0299172	1.225268	.7503852

Elem	Li6707
Units	ppm
Avg	.1207158
Stddev	.0017855
%RSD	1.479051
#1	.1215034
#2	.1219720
#3	.1186720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2368.340	30918.73	2638.407	2029.109	1639.784
Stddev	2.652	48.19	12.650	3.931	1.737
%RSD	.1119943	.1558544	.4794689	.1937122	.1059262
#1	2367.701	30864.16	2625.627	2033.280	1638.287
#2	2371.254	30936.59	2650.924	2025.474	1641.689
#3	2366.065	30955.43	2638.669	2028.573	1639.377

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-09 Acquired: 12/23/2024 22:55:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730353	-.074087	.3950149	.0920656	.0411038	90.29365	.7107760
Stddev	.0023095	.002303	.0009074	.0030883	.0043557	.17446	.0015457
%RSD	3.162173	3.107933	.2297213	3.354461	10.59692	.1932121	.2174709
#1	.0707073	-.071635	.3943408	.0955057	.0435019	90.09465	.7123111
#2	.0753258	-.076203	.3960467	.0895321	.0437334	90.42026	.7107971
#3	.0730729	-.074422	.3946572	.0911589	.0360760	90.36603	.7092199

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075486	.0046807	47.56929	.1672687	.1026742	.1433314	177.3441
Stddev	.0000128	.0001274	.07711	.0005455	.0006197	.0044898	.3347
%RSD	.1694748	2.722288	.1620966	.3261319	.6035689	3.132446	.1887176
#1	.0075625	.0045533	47.49361	.1678332	.1020377	.1455098	177.0537
#2	.0075458	.0048081	47.64775	.1672286	.1027092	.1463164	177.2685
#3	.0075374	.0046807	47.56650	.1667444	.1032756	.1381680	177.7101

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.225655	30.17039	.2416497	.0035861	-1.86590	.1977452	.6292569
Stddev	.011606	.05372	.0003685	.0010633	1.00150	.0073657	.0163059
%RSD	.1864276	.1780691	.1525108	29.65191	53.67399	3.724842	2.591293
#1	6.212937	30.11283	.2412408	.0046166	-.82379	.1983841	.6231161
#2	6.228353	30.21921	.2417520	.0024927	-1.95277	.2047707	.6169129
#3	6.235674	30.17912	.2419563	.0036489	-2.82114	.1900809	.6477415

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.912533	9.560969	.0140949	.0110743	3.342920	6.580991	.0382162
Stddev	.063997	.011865	.0039685	.0007209	.011383	.058696	.0012911
%RSD	.6456151	.1240984	28.15550	6.509479	.3405137	.8918973	3.378306
#1	9.849001	9.559269	.0186689	.0103059	3.330713	6.571964	.0384397
#2	9.976985	9.550046	.0120472	.0111812	3.344805	6.643678	.0393810
#3	9.911613	9.573593	.0115684	.0117358	3.353244	6.527333	.0368281

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-09 Acquired: 12/23/2024 22:55:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.006871	-.081169	.0928139
Stddev	.006266	.000574	.0025434
%RSD	.6223719	.7070469	2.740355
#1	.999636	-.081179	.0928072
#2	1.010610	-.080590	.0953606
#3	1.010366	-.081738	.0902738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2335.901	30536.17	2488.502	2011.201	1845.947
Stddev	5.812	80.67	15.136	7.441	1.524
%RSD	.2487959	.2641749	.6082343	.3699928	.0825703
#1	2339.529	30451.65	2488.736	2009.396	1846.002
#2	2329.198	30612.34	2473.251	2019.378	1844.396
#3	2338.976	30544.53	2503.520	2004.828	1847.443

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-10 Acquired: 12/23/2024 22:59:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0878537	-.088408	.3894176	.1210713	.0475293	103.4858	.8072429
Stddev	.0021802	.004325	.0052581	.0022543	.0033490	.5542	.0044979
%RSD	2.481642	4.892362	1.350238	1.861968	7.046232	.5355340	.5571968
#1	.0903485	-.083642	.3919825	.1232843	.0490342	102.8577	.8028217
#2	.0863146	-.092083	.3833693	.1187778	.0436918	103.9060	.8118138
#3	.0868978	-.089501	.3929010	.1211518	.0498619	103.6937	.8070931

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087758	.0053408	37.71669	.1697663	.1155199	.1330901	215.9796
Stddev	.0001612	.0001506	.15631	.0011437	.0002727	.0012694	1.4058
%RSD	1.837390	2.820386	.4144399	.6736895	.2360362	.9537587	.6509051
#1	.0088652	.0055137	37.54088	.1693958	.1153523	.1331556	214.3695
#2	.0085896	.0052701	37.76922	.1688537	.1158345	.1317893	216.9636
#3	.0088725	.0052384	37.83997	.1710493	.1153728	.1343255	216.6057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.538702	31.09520	.2400843	.0046782	-1.28275	.2407270	.5604998
Stddev	.068341	.22556	.0002097	.0003835	.84573	.0020325	.0043393
%RSD	.7164575	.7253774	.0873599	8.198294	65.93112	.8443171	.7741926
#1	9.461772	30.89823	.2403180	.0049996	-.72305	.2403248	.5646733
#2	9.592391	31.34126	.2399125	.0042536	-2.25565	.2429306	.5608143
#3	9.561944	31.04611	.2400222	.0047814	-.86955	.2389257	.5560117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.623292	9.514320	.0028015	.0114429	2.391346	6.868437	.0419234
Stddev	.160526	.007856	.0039418	.0004603	.002656	.027348	.0017564
%RSD	2.105733	.0825736	140.7013	4.022315	.1110802	.3981718	4.189556
#1	7.459043	9.520580	-.000030	.0109382	2.393528	6.840064	.0400591
#2	7.631016	9.505504	.001131	.0115508	2.392122	6.894630	.0421638
#3	7.779817	9.516877	.007303	.0118396	2.388388	6.870617	.0435472

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-10 Acquired: 12/23/2024 22:59:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.033718	-.128041	.1050400
Stddev	.002142	.001579	.0015943
%RSD	.2072096	1.232980	1.517804
#1	1.033013	-.126541	.1068332
#2	1.032017	-.129688	.1037827
#3	1.036124	-.127893	.1045041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2360.843	30571.09	2495.867	2022.779	1864.086
Stddev	1.754	54.11	15.250	2.863	2.010
%RSD	.0742788	.1769858	.6110185	.1415391	.1078388
#1	2360.355	30633.56	2513.402	2021.620	1862.009
#2	2359.385	30538.94	2488.501	2026.040	1864.225
#3	2362.789	30540.78	2485.698	2020.677	1866.022

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-11 Acquired: 12/23/2024 23:03:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0963772	-.086069	.5014363	.1101824	.0441414	102.2488	.8000357
Stddev	.0052185	.001474	.0036269	.0026246	.0027180	.4473	.0030940
%RSD	5.414638	1.712443	.7233040	2.382077	6.157508	.4375063	.3867374
#1	.0904889	-.085692	.5036164	.1077454	.0465405	102.2871	.7991138
#2	.1004298	-.084820	.4972495	.1129612	.0446943	101.7836	.7975074
#3	.0982128	-.087694	.5034431	.1098406	.0411895	102.6759	.8034859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087120	.0053555	41.64867	.1522429	.1247000	.1626553	205.6162
Stddev	.0000722	.0000750	.14508	.0009427	.0001374	.0045604	.7814
%RSD	.8283856	1.400641	.3483531	.6192365	.1101549	2.803739	.3800059
#1	.0087263	.0052842	41.58562	.1516098	.1248582	.1590607	205.4779
#2	.0086337	.0054338	41.54578	.1533264	.1246111	.1611200	204.9133
#3	.0087759	.0053487	41.81461	.1517926	.1246306	.1677853	206.4575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.190605	33.16122	.2124036	.0045595	-1.67639	.2250567	.6818779
Stddev	.026465	.23375	.0010734	.0005061	1.04219	.0024311	.0018822
%RSD	.3231189	.7048992	.5053771	11.09977	62.16893	1.080217	.2760312
#1	8.199125	33.25572	.2111766	.0051355	-.84865	.2222666	.6801887
#2	8.160929	32.89502	.2131693	.0041860	-2.84677	.2267202	.6815381
#3	8.211760	33.33293	.2128648	.0043570	-1.33376	.2261832	.6839068

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.785812	7.926587	.0012577	.0089981	1.655950	7.270712	.0449818
Stddev	.126577	.002731	.0016623	.0005935	.008715	.050480	.0024809
%RSD	1.865321	.0344565	132.1773	6.595620	.5262960	.6942894	5.515423
#1	6.851908	7.926180	-.000634	.0089072	1.661846	7.310759	.0444165
#2	6.639869	7.924083	.001924	.0084554	1.645940	7.214009	.0428323
#3	6.865658	7.929499	.002483	.0096318	1.660066	7.287369	.0476966

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-11 Acquired: 12/23/2024 23:03:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8699301	-.117307	.1004055
Stddev	.0042183	.000258	.0024092
%RSD	.4849040	.2197624	2.399504
#1	.8698967	-.117103	.0982847
#2	.8657286	-.117221	.1030251
#3	.8741651	-.117597	.0999068

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2388.885	31137.61	2547.842	2061.204	1868.381
Stddev	2.033	32.40	24.154	.893	1.393
%RSD	.0851163	.1040526	.9480159	.0433107	.0745484
#1	2388.657	31141.11	2527.691	2061.243	1867.097
#2	2391.022	31168.12	2574.617	2060.292	1868.184
#3	2386.975	31103.61	2541.218	2062.076	1869.862

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-12 Acquired: 12/23/2024 23:06:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001279	-.047963	.5726876	.0729702	.0378912	71.41938	.7973299
Stddev	.0043021	.003014	.0024217	.0029318	.0008748	.51110	.0034680
%RSD	4.296552	6.285080	.4228599	4.017763	2.308808	.7156311	.4349493
#1	.1012117	-.045063	.5746335	.0757108	.0387854	70.82925	.7934259
#2	.0953876	-.047745	.5734538	.0698788	.0378509	71.72010	.7985097
#3	.1037844	-.051080	.5699756	.0733209	.0370371	71.70879	.8000540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069816	.0054391	247.5886	.1282999	.1250098	.2497851	169.3473
Stddev	.0001131	.0000243	1.1049	.0002452	.0007836	.0058864	1.1616
%RSD	1.619586	.4472538	.4462541	.1911490	.6268571	2.356592	.6859485
#1	.0069868	.0054130	246.3540	.1283073	.1252914	.2514117	168.0247
#2	.0070920	.0054432	248.4842	.1285414	.1256137	.2546871	170.2020
#3	.0068660	.0054611	247.9277	.1280511	.1241243	.2432564	169.8152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.046442	52.76384	.1790385	.0034306	-.934814	.1672522	.6383470
Stddev	.053394	.43683	.0008003	.0014744	.325199	.0074051	.0042889
%RSD	.6635717	.8278935	.4470049	42.97815	34.78758	4.427524	.6718822
#1	7.985637	52.26233	.1799194	.0042641	-.877582	.1749234	.6343943
#2	8.068008	52.96782	.1788398	.0042995	-1.28483	.1601454	.6429074
#3	8.085679	53.06136	.1783562	.0017282	-.64203	.1666878	.6377393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.826735	9.462802	.0160809	.0066022	1.365753	5.851078	.0581787
Stddev	.057084	.022388	.0001128	.0005971	.002442	.038299	.0012580
%RSD	.9796925	.2365943	.7014392	9.043946	.1788024	.6545673	2.162281
#1	5.864980	9.480587	.0161902	.0062826	1.364101	5.839457	.0568048
#2	5.761120	9.470158	.0160876	.0062330	1.368558	5.893842	.0592742
#3	5.854106	9.437661	.0159649	.0072911	1.364599	5.819936	.0584570

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-12 Acquired: 12/23/2024 23:06:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6949049	.1411396	.0911832
Stddev	.0065879	.0008973	.0028929
%RSD	.9480277	.6357910	3.172601
#1	.6906495	.1419215	.0878482
#2	.7024933	.1413374	.0926863
#3	.6915719	.1401598	.0930151

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2605.989	33855.51	2796.786	2226.061	1806.464
Stddev	10.014	35.46	15.618	3.441	6.005
%RSD	.3842617	.1047246	.5584183	.1545723	.3324330
#1	2604.811	33884.58	2796.942	2223.039	1805.593
#2	2596.617	33816.01	2781.091	2225.340	1800.942
#3	2616.540	33865.94	2812.325	2229.806	1812.857

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-13 Acquired: 12/23/2024 23:10:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1130518	-.044188	.8929207	.0707811	.0367398	70.82330	.8913011
Stddev	.0070725	.008255	.0038546	.0049061	.0009986	.30398	.0036393
%RSD	6.255939	18.68068	.4316847	6.931370	2.717919	.4292053	.4083160
#1	.1178967	-.036308	.8902416	.0653843	.0375791	70.49131	.8873339
#2	.1049359	-.052772	.8973384	.0719875	.0356355	70.89062	.8920845
#3	.1163226	-.043486	.8911821	.0749715	.0370049	71.08798	.8944850

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070209	.0059412	262.5442	.1442834	.1283041	.3156986	165.9798
Stddev	.0000648	.0000817	.7195	.0004414	.0001000	.0058829	.8058
%RSD	.9228915	1.374712	.2740469	.3059103	.0779129	1.863443	.4854518
#1	.0069501	.0060247	261.8096	.1447573	.1282321	.3180820	165.0808
#2	.0070353	.0059375	262.5754	.1442089	.1284182	.3089980	166.2214
#3	.0070772	.0058615	263.2475	.1438840	.1282619	.3200157	166.6370

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.224273	61.84611	.1776006	.0041925	-1.65856	.1692122	.7127513
Stddev	.025676	.28249	.0001301	.0010385	.28630	.0054535	.0090290
%RSD	.3121956	.4567707	.0732598	24.77069	17.26204	3.222854	1.266779
#1	8.199937	61.70170	.1776224	.0030155	-1.46624	.1651571	.7221271
#2	8.221777	61.66501	.1774610	.0045823	-1.98759	.1754120	.7041146
#3	8.251106	62.17162	.1777184	.0049798	-1.52185	.1670675	.7120122

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.613849	7.550316	.0172211	.0062468	1.191821	5.844110	.1035330
Stddev	.113942	.008399	.0020477	.0001935	.005525	.082858	.0015808
%RSD	2.029666	.1112382	11.89073	3.096910	.4636015	1.417797	1.526830
#1	5.545370	7.556503	.0190333	.0064557	1.196774	5.784772	.1024030
#2	5.745381	7.540755	.0149997	.0062109	1.185862	5.808783	.1053394
#3	5.550796	7.553690	.0176304	.0060738	1.192828	5.938777	.1028566

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-13 Acquired: 12/23/2024 23:10:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6840110	.1490150	.0895263
Stddev	.0035229	.0002240	.0020123
%RSD	.5150395	.1503267	2.247755
#1	.6817862	.1491833	.0916897
#2	.6880728	.1487608	.0877103
#3	.6821740	.1491009	.0891789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2543.662	33106.55	2751.754	2183.503	1786.160
Stddev	7.625	244.58	16.942	16.897	4.240
%RSD	.2997533	.7387559	.6156666	.7738328	.2373805
#1	2540.339	32925.15	2761.343	2174.960	1784.212
#2	2538.263	33009.79	2761.726	2172.585	1783.244
#3	2552.384	33384.70	2732.193	2202.966	1791.024

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-14 Acquired: 12/23/2024 23:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1051973	-.043341	.8994499	.0647070	.0359378	70.70475	.8883000
Stddev	.0066586	.000616	.0046410	.0011132	.0038340	.24054	.0036879
%RSD	6.329598	1.421402	.5159774	1.720323	10.66828	.3402012	.4151686
#1	.1025972	-.042693	.8948711	.0656741	.0350186	70.43521	.8859659
#2	.1127636	-.043413	.8993280	.0649568	.0401478	70.78146	.8863825
#3	.1002311	-.043918	.9041506	.0634902	.0326471	70.89758	.8925517

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068883	.0059806	262.3780	.1444198	.1292725	.3142305	165.6493
Stddev	.0000617	.0000734	1.0716	.0004335	.0005565	.0098450	.9407
%RSD	.8951036	1.226798	.4084369	.3001708	.4304577	3.133046	.5678966
#1	.0069155	.0059909	261.4563	.1440477	.1289110	.3030765	164.7395
#2	.0069316	.0060483	262.1237	.1448958	.1299133	.3217086	165.5904
#3	.0068177	.0059026	263.5539	.1443160	.1289933	.3179065	166.6181

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.210890	61.40736	.1784541	.0024461	-1.50736	.1641234	.7213748
Stddev	.031780	.57578	.0006478	.0010269	.42383	.0017827	.0127798
%RSD	.3870424	.9376437	.3629829	41.97989	28.11720	1.086178	1.771586
#1	8.179303	60.75299	.1778354	.0033102	-1.91806	.1649686	.7087465
#2	8.210509	61.63273	.1791274	.0027173	-1.53250	.1653263	.7210771
#3	8.242859	61.83638	.1783996	.0013109	-1.07152	.1620753	.7343009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.702065	7.577835	.0184782	.0058463	1.202880	5.888700	.1022346
Stddev	.087046	.015356	.0010826	.0006978	.002370	.031838	.0013563
%RSD	1.526573	.2026483	5.858925	11.93622	.1970563	.5406575	1.326645
#1	5.617114	7.576606	.0175283	.0050407	1.204127	5.912551	.1018855
#2	5.698017	7.563130	.0196569	.0062366	1.200147	5.852547	.1037314
#3	5.791065	7.593769	.0182493	.0062616	1.204367	5.901003	.1010870

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-14 Acquired: 12/23/2024 23:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6885892	.1500878	.0877399
Stddev	.0009309	.0010112	.0022147
%RSD	.1351867	.6737398	2.524174
#1	.6880367	.1493522	.0894554
#2	.6896639	.1496702	.0885246
#3	.6880669	.1512409	.0852397

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2552.874	33271.20	2762.903	2187.797	1787.724
Stddev	1.673	46.20	11.243	1.744	3.702
%RSD	.0655502	.1388605	.4069170	.0797095	.2070752
#1	2554.576	33301.38	2754.118	2189.254	1788.809
#2	2551.231	33294.21	2775.573	2188.273	1790.763
#3	2552.817	33218.01	2759.018	2185.865	1783.601

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV007 Acquired: 12/23/2024 23:18:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.134247	4.831324	24.73068	4.992627	5.007383	408.2828	10.35343
Stddev	.027762	.008848	.04918	.006287	.009352	5.1234	.13220
%RSD	.5407295	.1831354	.1988426	.1259297	.1867702	1.254876	1.276920
#1	5.102218	4.841540	24.69611	4.985653	5.016253	404.8201	10.28269
#2	5.151427	4.826249	24.70895	4.994368	4.997614	405.8600	10.27164
#3	5.149096	4.826181	24.78698	4.997860	5.008280	414.1683	10.50595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5068945	2.490818	412.4062	15.57077	2.521134	15.19583	415.1253
Stddev	.0060499	.004434	5.0656	.01722	.001010	.17933	5.2823
%RSD	1.193517	.1780179	1.228293	.1105599	.0400424	1.180144	1.272470
#1	.5025985	2.489304	409.1093	15.58714	2.520594	15.08374	411.5303
#2	.5042717	2.487340	409.8704	15.55282	2.520509	15.10110	412.6555
#3	.5138131	2.495811	418.2389	15.57234	2.522298	15.40267	421.1901

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.30610	410.0791	2.505834	1.285519	406.4521	2.563637	15.25358
Stddev	.19771	5.3061	.004705	.002247	5.6888	.028715	.08240
%RSD	1.291725	1.293930	.1877649	.1747853	1.399621	1.120106	.5402283
#1	15.17772	406.9621	2.502839	1.284043	403.7554	2.544149	15.16306
#2	15.20680	407.0693	2.503406	1.288105	402.6130	2.550148	15.27341
#3	15.53378	416.2057	2.511257	1.284409	412.9877	2.596613	15.32425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.0336	4.992910	4.908480	4.937048	5.027595	4.786693	5.013626
Stddev	1.7537	.006471	.053060	.003736	.006033	.055166	.018508
%RSD	1.161111	.1296049	1.080983	.0756646	.1199916	1.152491	.3691494
#1	149.8822	4.986780	4.870837	4.938755	5.024182	4.744276	5.001812
#2	150.1667	4.992275	4.885438	4.932764	5.024041	4.766744	5.004111
#3	153.0519	4.999675	4.969166	4.939625	5.034560	4.849058	5.034956

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV007 Acquired: 12/23/2024 23:18:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.035468	4.804044	5.124061
Stddev	.048620	.053194	.068207
%RSD	.9655573	1.107272	1.331120
#1	4.997637	4.768996	5.082307
#2	5.018459	4.777885	5.087105
#3	5.090308	4.865253	5.202772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1801.077	24541.87	2119.487	1531.261	1572.919
Stddev	8.091	56.41	21.953	11.424	6.372
%RSD	.4492459	.2298455	1.035769	.7460646	.4051138
#1	1792.957	24583.48	2141.356	1543.220	1568.027
#2	1809.139	24477.67	2119.656	1520.460	1580.125
#3	1801.134	24564.47	2097.451	1530.104	1570.606

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB007 Acquired: 12/23/2024 23:22:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002994	-.000594	.0038945	.0029315	.0003630	.0463184	-.002042
Stddev	.004184	.002179	.0009598	.0036568	.0025037	.0049582	.000985
%RSD	139.7482	367.0749	24.64465	124.7427	689.7233	10.70460	48.25223
#1	-.007715	.000272	.0047535	-.000903	.0008294	.0512545	-.001973
#2	-.001521	-.003072	.0028585	.003318	.0026007	.0463624	-.001092
#3	.000255	.001020	.0040716	.006379	-.002341	.0413384	-.003059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000294	.0000336	-.006613	.0002847	-.000212	-.001413	.0532717
Stddev	.0000936	.0000910	.013770	.0008141	.000245	.003089	.0486789
%RSD	318.1756	270.5728	208.2313	285.9917	115.4896	218.5403	91.37847
#1	.0000404	.0001042	-.006604	-.000169	-.000348	-.004491	.1049556
#2	.0001171	.0000656	.007153	.001225	-.000359	-.001436	.0465664
#3	-.000069	-.000069	-.020387	-.000202	.000071	.001687	.0082931

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023871	.0337687	.0007117	-.000585	-2.03230	.0022200	.0091044
Stddev	.0002837	.0300558	.0004696	.001978	.89042	.0037584	.0148191
%RSD	11.88347	89.00503	65.98495	338.4173	43.81363	169.2979	162.7698
#1	.0020778	.0293941	.0007881	.001566	-1.83960	.0008413	.0202332
#2	.0024482	.0657720	.0011384	-.002327	-1.25400	.0064730	-.007717
#3	.0026352	.0061398	.0002085	-.000993	-3.00329	-.000654	.014797

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.00189	.0006716	.0055887	.0007563	-.005203	-.084372	.0004271
Stddev	.18743	.0009926	.0036730	.0007823	.003086	.000104	.0013345
%RSD	18.70739	147.7999	65.72227	103.4365	59.30064	.1227271	312.4174
#1	-1.00829	.0017376	.0040423	.0008349	-.007692	-.084257	.0002395
#2	-1.18604	-.000226	.0097821	-.000062	-.001751	-.084458	.0018455
#3	-.81135	.000503	.0029417	.001496	-.006167	-.084402	-.000804

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB007 Acquired: 12/23/2024 23:22:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0003098	.0000895	.0001458
Stddev	.0029751	.0002257	.0014647
%RSD	960.4039	252.3096	1004.460
#1	.0021966	-.000169	.0001639
#2	-.003120	.000190	-.001328
#3	.001853	.000247	.001601

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2074.871	26648.28	2180.870	1758.210	1871.116
Stddev	11.281	158.89	35.485	6.572	10.577
%RSD	.5436758	.5962396	1.627099	.3738147	.5652730
#1	2063.942	26803.65	2221.492	1765.598	1860.228
#2	2086.473	26655.09	2155.919	1756.019	1881.351
#3	2074.196	26486.10	2165.198	1753.012	1871.770

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-13LX5 Acquired: 12/23/2024 23:26:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135714	-.005786	.1862854	.0105003	.0078271	16.66757	.2093570
Stddev	.0081804	.003286	.0018408	.0019664	.0017973	.02009	.0002629
%RSD	60.27720	56.79292	.9881576	18.72753	22.96199	.1205054	.1255862
#1	.0211493	-.002015	.1842865	.0096138	.0096587	16.68959	.2092095
#2	.0146662	-.007312	.1879108	.0091332	.0060663	16.66285	.2092009
#3	.0048987	-.008033	.1866590	.0127540	.0077562	16.65026	.2096605

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016540	.0010791	62.73071	.0341532	.0413713	.0766804	39.87276
Stddev	.0001073	.0000848	.08373	.0001286	.0003700	.0008047	.17132
%RSD	6.484280	7.861441	.1334828	.3764371	.8943326	1.049409	.4296715
#1	.0016419	.0010661	62.77672	.0342070	.0409599	.0764321	40.02692
#2	.0017669	.0010016	62.63406	.0340065	.0414772	.0760291	39.90305
#3	.0015534	.0011697	62.78135	.0342462	.0416767	.0775800	39.68832

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.969799	14.72037	.0348892	.0000828	-1.93879	.0387857	.1680300
Stddev	.005599	.06122	.0000230	.0010343	.65785	.0037413	.0128646
%RSD	.2842598	.4158713	.0659128	1249.708	33.93080	9.646098	7.656120
#1	1.963854	14.69900	.0349017	.0012765	-2.40480	.0400672	.1541792
#2	1.974972	14.78941	.0349031	-.000482	-1.18628	.0345720	.1703063
#3	1.970573	14.67270	.0348626	-.000546	-2.22530	.0417178	.1796044

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5117025	1.503852	.0037372	.0036574	.2481820	1.444757	.0223886
Stddev	.0826878	.002893	.0007022	.0006029	.0044032	.006829	.0004793
%RSD	16.15936	.1923539	18.78851	16.48293	1.774184	.4726443	2.140609
#1	.5193677	1.500541	.0031440	.0035884	.2431096	1.439214	.0228464
#2	.4254490	1.505128	.0045125	.0042918	.2504167	1.452385	.0224288
#3	.5902909	1.505888	.0035551	.0030921	.2510198	1.442672	.0218905

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-13LX5 Acquired: 12/23/2024 23:26:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1683348	.0349702	.0206611
Stddev	.0008760	.0002764	.0028565
%RSD	.5203789	.7903014	13.82572
#1	.1673629	.0351727	.0200237
#2	.1690635	.0350825	.0181771
#3	.1685779	.0346554	.0237825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2190.493	28464.04	2327.053	1876.148	1854.386
Stddev	6.911	17.72	6.835	10.768	3.386
%RSD	.3154915	.0622540	.2937089	.5739473	.1825799
#1	2183.259	28458.16	2328.621	1880.443	1850.548
#2	2191.194	28450.01	2319.570	1884.106	1855.660
#3	2197.027	28483.95	2332.967	1863.895	1856.950

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-15 Acquired: 12/23/2024 23:30:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1902649	.0427850	.9453593	.2087987	.1801304	74.48413	4.106924
Stddev	.0045859	.0017487	.0076494	.0045877	.0019991	1.08855	.056621
%RSD	2.410259	4.087225	.8091574	2.197210	1.109790	1.461450	1.378664
#1	.1951043	.0427563	.9505193	.2064941	.1781225	73.22799	4.041726
#2	.1859836	.0410509	.9489878	.2058202	.1801481	75.07327	4.135313
#3	.1897069	.0445480	.9365709	.2140819	.1821205	75.15114	4.143735

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0859195	.1021332	264.0802	.4843777	1.097989	.6911348	167.9075
Stddev	.0008169	.0005679	3.3316	.0005728	.006654	.0118018	2.4358
%RSD	.9508230	.5560810	1.261572	.1182647	.6060213	1.707593	1.450689
#1	.0853206	.1025283	260.2334	.4838455	1.104420	.6799688	165.1028
#2	.0855878	.1023889	265.9691	.4843037	1.098414	.6899522	169.1272
#3	.0868501	.1014823	266.0379	.4849840	1.091132	.7034833	169.4925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.048547	61.68169	1.154778	.0601469	-.906451	.9753235	1.470320
Stddev	.120009	.94339	.007372	.0000553	.822034	.0127641	.018297
%RSD	1.326278	1.529442	.6383892	.0919499	90.68710	1.308708	1.244389
#1	8.910192	60.60529	1.161031	.0601013	-.771942	.9617498	1.473943
#2	9.110978	62.36478	1.156655	.0602084	-1.78744	.9870841	1.486534
#3	9.124472	62.07502	1.146650	.0601311	-.15997	.9771366	1.450483

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.716243	7.627418	.0239255	.0062007	1.208823	6.133679	.1063904
Stddev	.071028	.029075	.0015807	.0002945	.011373	.062092	.0003290
%RSD	1.242561	.3811941	6.606960	4.749559	.9408674	1.012312	.3092472
#1	5.634593	7.646000	.0249788	.0065163	1.214373	6.064897	.1062311
#2	5.750369	7.642343	.0221078	.0059331	1.216357	6.150546	.1067688
#3	5.763768	7.593911	.0246898	.0061529	1.195740	6.185595	.1061714

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-15 Acquired: 12/23/2024 23:30:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7039503	.1516547	.0937198
Stddev	.0156897	.0021520	.0030458
%RSD	2.228814	1.418990	3.249908
#1	.6891470	.1491708	.0905318
#2	.7203971	.1529562	.0966000
#3	.7023069	.1528371	.0940277

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2512.642	32838.25	2732.918	2153.315	1757.723
Stddev	11.651	69.96	24.760	9.119	11.027
%RSD	.4636839	.2130589	.9059864	.4234692	.6273269
#1	2505.591	32899.26	2760.091	2147.675	1751.020
#2	2506.245	32761.88	2727.033	2148.435	1751.700
#3	2526.089	32853.60	2711.632	2163.835	1770.450

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-16 Acquired: 12/23/2024 23:33:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0771944	-.033805	.5148124	.0614124	.0341648	63.49179	.7458088
Stddev	.0033420	.001615	.0033809	.0033634	.0007031	.27033	.0042277
%RSD	4.329276	4.776460	.6567201	5.476818	2.057845	.4257748	.5668607
#1	.0739272	-.034505	.5163654	.0583580	.0347744	63.20474	.7416007
#2	.0770495	-.034952	.5171377	.0650171	.0343242	63.74153	.7500558
#3	.0806064	-.031959	.5109340	.0608620	.0333957	63.52910	.7457699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061303	.0046537	348.3512	.0977863	.1201596	.2494750	155.8333
Stddev	.0000909	.0000854	1.2666	.0005445	.0009218	.0062167	.7895
%RSD	1.482419	1.835383	.3635924	.5567707	.7671724	2.491910	.5066377
#1	.0061702	.0047420	347.4294	.0978016	.1198851	.2449512	155.3011
#2	.0060263	.0045715	349.7954	.0983230	.1211875	.2565637	156.7404
#3	.0061945	.0046477	347.8288	.0972344	.1194062	.2469100	155.4584

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.128644	64.76375	.1621772	.0019224	-1.54381	.1489358	.5249550
Stddev	.033122	.29729	.0010554	.0007631	.57274	.0025970	.0081458
%RSD	.4074780	.4590442	.6507820	39.69907	37.09897	1.743732	1.551715
#1	8.093206	64.53764	.1631628	.0028029	-1.84138	.1486093	.5321462
#2	8.158822	65.10050	.1623051	.0014522	-.88354	.1516807	.5266100
#3	8.133904	64.65310	.1610636	.0015120	-1.90651	.1465174	.5161088

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.081329	6.100885	.0225430	.0054785	.9957496	5.057933	.0575220
Stddev	.101909	.004079	.0009987	.0006516	.0033041	.000670	.0015766
%RSD	2.005560	.0668621	4.430298	11.89367	.3318170	.0132549	2.740940
#1	4.978776	6.096851	.0227189	.0052425	.9956779	5.058278	.0563869
#2	5.182582	6.100797	.0234420	.0049778	.9924819	5.057160	.0568569
#3	5.082628	6.105008	.0214680	.0062152	.9990889	5.058360	.0593222

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-16 Acquired: 12/23/2024 23:33:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7417377	.2662889	.0896884
Stddev	.0098395	.0017275	.0018346
%RSD	1.326543	.6487470	2.045576
#1	.7374078	.2647563	.0904991
#2	.7529996	.2681610	.0909780
#3	.7348058	.2659493	.0875880

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2533.376	33234.46	2759.793	2186.103	1751.747
Stddev	3.589	45.22	6.957	3.272	3.968
%RSD	.1416779	.1360745	.2520855	.1496850	.2265082
#1	2532.377	33243.80	2762.095	2188.683	1750.178
#2	2530.393	33185.30	2751.977	2182.423	1748.804
#3	2537.359	33274.29	2765.307	2187.204	1756.260

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-17 Acquired: 12/23/2024 23:37:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622758	-.032289	.2004435	.0530078	.0273583	60.84724	.6522445
Stddev	.0043982	.004081	.0025312	.0007580	.0013974	.28202	.0043569
%RSD	7.062385	12.63943	1.262794	1.429906	5.107647	.4634815	.6679915
#1	.0651124	-.027619	.2021537	.0530712	.0280227	61.17142	.6569517
#2	.0645056	-.035171	.1975357	.0537320	.0257526	60.65843	.6483532
#3	.0572093	-.034077	.2016410	.0522201	.0282994	60.71186	.6514286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058842	.0041912	442.3074	.0887788	.1144111	.2291993	145.0795
Stddev	.0001884	.0000823	1.7581	.0003644	.0007137	.0028314	.4689
%RSD	3.200908	1.964330	.3974750	.4104392	.6238000	1.235362	.3232208
#1	.0058176	.0041049	444.3346	.0887494	.1144392	.2314885	145.6175
#2	.0057382	.0041997	441.2010	.0891570	.1151104	.2300763	144.8636
#3	.0060968	.0042689	441.3865	.0884301	.1136838	.2260332	144.7574

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.680761	98.06852	.1460971	.0008927	-2.06698	.1388666	.3767273
Stddev	.022247	.33425	.0003859	.0005851	.25385	.0047837	.0120646
%RSD	.2896490	.3408344	.2641218	65.53762	12.28133	3.444840	3.202476
#1	7.706446	98.44780	.1462691	.0011633	-1.93497	.1408613	.3906251
#2	7.667553	97.94079	.1456551	.0002214	-1.90634	.1334083	.3706108
#3	7.668283	97.81697	.1463671	.0012936	-2.35964	.1423301	.3689459

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.733468	5.785490	.0244095	.0041908	.8539660	4.983425	.0274792
Stddev	.173574	.017128	.0021175	.0002352	.0149541	.031240	.0006836
%RSD	3.666957	.2960538	8.674895	5.611835	1.751133	.6268733	2.487654
#1	4.739107	5.768066	.0226728	.0041384	.8367124	5.018134	.0282677
#2	4.904154	5.786098	.0237874	.0039863	.8619935	4.974578	.0271163
#3	4.557143	5.802307	.0267684	.0044478	.8631922	4.957562	.0270535

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-17 Acquired: 12/23/2024 23:37:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLX9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7389716	.2706107	.0833107
Stddev	.0044904	.0011918	.0015024
%RSD	.6076527	.4404006	1.803304
#1	.7432600	.2718646	.0819325
#2	.7343034	.2694928	.0849122
#3	.7393514	.2704747	.0830874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2520.973	32903.34	2764.575	2159.429	1717.983
Stddev	4.468	155.54	19.362	8.561	3.034
%RSD	.1772370	.4727216	.7003694	.3964323	.1766148
#1	2520.595	33051.39	2745.660	2164.091	1718.870
#2	2525.619	32741.26	2763.710	2149.549	1720.475
#3	2516.706	32917.38	2784.356	2164.646	1714.604

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-18 Acquired: 12/23/2024 23:41:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM32 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0727395	-.032820	.2560489	.0557198	.0322565	53.07639
Stddev	.0025398	.001624	.0024015	.0030024	.0026693	.19913
%RSD	3.491612	4.949432	.9379160	5.388393	8.275249	.3751736
#1	.0740861	-.033089	.2571964	.0529582	.0313102	52.86684
#2	.0698100	-.034293	.2532889	.0589157	.0352700	53.26314
#3	.0743224	-.031078	.2576614	.0552855	.0301892	53.09918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5336426	.0063546	.0058612	F 998.2274	.1059104	.1375067
Stddev	.0025505	.0000649	.0000390	2.8954	.0009067	.0002425
%RSD	.4779483	1.020607	.6658219	.2900532	.8561229	.1763313
#1	.5310653	.0064037	.0058889	995.0366	.1060409	.1372395
#2	.5361655	.0062811	.0058780	1000.687	.1049455	.1375677
#3	.5336969	.0063791	.0058165	998.958	.1067448	.1377128

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2607554	166.2696	9.151748	106.9040	.2008070	.0006685
Stddev	.0034305	.6502	.051463	.3825	.0007334	.0007628
%RSD	1.315606	.3910473	.5623251	.3578284	.3652431	114.1152
#1	.2645913	165.6795	9.103492	106.6583	.2001056	.0012613
#2	.2596936	166.9666	9.205908	107.3447	.2007466	.0009362
#3	.2579813	166.1628	9.145845	106.7090	.2015687	-.000192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.39189	.1458494	.5022899	8.718238	8.826072	.0600355
Stddev	.85491	.0038901	.0057988	.260400	.020334	.0035405
%RSD	61.42053	2.667186	1.154469	2.986840	.2303846	5.897344
#1	-.45022	.1502294	.5009319	8.449225	8.832652	.0560447
#2	-2.11925	.1427967	.5086472	8.969072	8.803264	.0627992
#3	-1.60620	.1445220	.4972906	8.736417	8.842302	.0612625

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-18 Acquired: 12/23/2024 23:41:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM32 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042179	1.285832	4.222696	.0307162	.6968246	.7972870
Stddev	.0009611	.004601	.006370	.0027615	.0031585	.0007798
%RSD	22.78651	.3578054	.1508575	8.990348	.4532732	.0978022
#1	.0043415	1.286990	4.219154	.0338133	.6934136	.7966502
#2	.0032010	1.289743	4.218884	.0298245	.6996482	.7970541
#3	.0051113	1.280762	4.230050	.0285107	.6974121	.7981567

Elem	Li6707
Units	ppm
Avg	.1139172
Stddev	.0020772
%RSD	1.823419
#1	.1134782
#2	.1120946
#3	.1161788

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.796	31210.51	2680.828	2045.988	1643.529
Stddev	5.894	56.27	10.365	9.472	3.234
%RSD	.2458080	.1802824	.3866158	.4629545	.1967752
#1	2404.601	31264.89	2690.117	2048.195	1647.261
#2	2394.434	31152.53	2669.648	2035.607	1641.542
#3	2394.352	31214.13	2682.718	2054.162	1641.785

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-19 Acquired: 12/23/2024 23:45:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM33 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1348940	-.059929	1.658444	.0847666	.0365731	68.61021	1.160122
Stddev	.0036819	.001903	.003716	.0036062	.0020432	.25673	.004510
%RSD	2.729462	3.175855	.2240678	4.254285	5.586526	.3741933	.3887933
#1	.1317147	-.061509	1.662734	.0880052	.0350902	68.31556	1.155215
#2	.1340391	-.060462	1.656232	.0808805	.0357254	68.72927	1.161066
#3	.1389281	-.057816	1.656365	.0854142	.0389037	68.78581	1.164086

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071057	.0083224	69.44021	.1499478	.1059093	.3268149	163.6125
Stddev	.0001990	.0000604	.12541	.0007380	.0004071	.0039575	.7953
%RSD	2.800077	.7261891	.1806069	.4921617	.3843936	1.210922	.4860929
#1	.0071347	.0083645	69.31906	.1506997	.1063759	.3313838	162.7089
#2	.0068938	.0082531	69.43209	.1492246	.1056267	.3246038	164.2062
#3	.0072885	.0083494	69.56949	.1499190	.1057253	.3244571	163.9223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.090133	29.46905	.1862052	.0045978	-1.63335	.1864622	1.516135
Stddev	.047086	.25987	.0016733	.0003571	.29347	.0013266	.012020
%RSD	.5179868	.8818248	.8986059	7.767098	17.96731	.7114344	.7927920
#1	9.036129	29.20873	.1877757	.0043193	-1.47228	.1859697	1.514686
#2	9.122588	29.72846	.1844453	.0050004	-1.97208	.1879646	1.528814
#3	9.111682	29.46997	.1863946	.0044737	-1.45568	.1854523	1.504906

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.647834	9.273048	.0276871	.0079168	3.989227	4.627511	.0726590
Stddev	.195361	.019009	.0039146	.0010356	.005974	.069524	.0026168
%RSD	4.203274	.2049946	14.13854	13.08106	.1497433	1.502404	3.601496
#1	4.503818	9.271092	.0241443	.0089537	3.983235	4.624602	.0756716
#2	4.569475	9.255092	.0318896	.0079144	3.989265	4.559487	.0713552
#3	4.870210	9.292959	.0270273	.0068825	3.995182	4.698443	.0709503

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5084-19 Acquired: 12/23/2024 23:45:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM33 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6867139	-.031584	.0752336
Stddev	.0042480	.000913	.0034310
%RSD	.6185979	2.891006	4.560455
#1	.6869061	-.030530	.0714650
#2	.6908626	-.032118	.0781762
#3	.6823731	-.032104	.0760596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.211	32708.83	2669.117	2149.648	1849.762
Stddev	4.135	117.82	18.575	7.596	2.472
%RSD	.1643409	.3602127	.6959059	.3533533	.1336548
#1	2520.550	32674.44	2666.564	2143.044	1852.191
#2	2512.315	32612.03	2688.836	2147.952	1849.847
#3	2515.769	32840.02	2651.951	2157.949	1847.248

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165713BL Acquired: 12/23/2024 23:49:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS713 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006070	-.000921	-.000533	.0029910	-.000886	.0432311	-.000751
Stddev	.001474	.003209	.003511	.0034392	.003764	.0219231	.000549
%RSD	24.27734	348.3463	659.2770	114.9866	424.9239	50.71151	73.07507
#1	-.004490	.002263	.003492	.0065005	-.004037	.0540056	-.000245
#2	-.006313	-.004155	-.002123	.0028458	-.001903	.0576821	-.001334
#3	-.007408	-.000872	-.002967	-.000373	.003283	.0180056	-.000674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000452	-.000062	-.041608	-.000825	-.000205	.0072975	.0356184
Stddev	.0001891	.000098	.027730	.000008	.000290	.0057053	.0214346
%RSD	418.6841	156.9756	66.64531	.9191359	141.7357	78.18043	60.17836
#1	-.000102	-.000157	-.016945	-.000820	-.000286	.0033373	.0276691
#2	-.000021	-.000070	-.071625	-.000822	-.000446	.0047183	.0598919
#3	.000258	.000039	-.036255	-.000834	.000117	.0138370	.0192940

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038000	.0693566	.0001695	-.000341	-1.88422	.0040327	-.002348
Stddev	.0008924	.0141617	.0007670	.001363	.30819	.0103215	.013207
%RSD	23.48392	20.41861	452.6166	400.2207	16.35661	255.9440	562.5554
#1	.0046969	.0543769	-.000657	-.001734	-2.21479	.0145374	-.007262
#2	.0037909	.0825262	.000859	-.000276	-1.83306	-.006095	.012612
#3	.0029122	.0711665	.000306	.000989	-1.60480	.003656	-.012393

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.13200	.0021182	-.007279	-.000092	.0000319	-.083721	-.000307
Stddev	.26632	.0014215	.001501	.000904	.0037022	.000986	.000759
%RSD	23.52663	67.10620	20.62599	982.9526	11603.29	1.178176	247.3310
#1	-.89490	.0005533	-.008819	.000942	.0000541	-.083023	-.000983
#2	-1.08096	.0024719	-.005820	-.000485	.0037230	-.083290	-.000452
#3	-1.42016	.0033295	-.007197	-.000732	-.003681	-.084849	.000514

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165713BL Acquired: 12/23/2024 23:49:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS713 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000817	-.000104	-.013384
Stddev	.002924	.000369	.005252
%RSD	357.7095	353.6170	39.24132
#1	.001233	-.000503	-.007754
#2	-.004166	.000224	-.014249
#3	.000480	-.000034	-.018151

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2108.166	27360.39	2209.134	1806.810	1905.981
Stddev	7.043	31.64	21.789	6.835	5.400
%RSD	.3340666	.1156310	.9863126	.3783063	.2833296
#1	2106.801	27333.04	2190.498	1809.015	1906.168
#2	2115.791	27353.09	2233.091	1812.271	1911.286
#3	2101.906	27395.04	2203.814	1799.144	1900.490

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165713BS Acquired: 12/23/2024 23:53:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS713 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0181460	.0503202	.0183280	.0656115	.1071733	.4236656
Stddev	.0039299	.0013154	.0024671	.0014838	.0017709	.0286119
%RSD	21.65719	2.614036	13.46054	2.261502	1.652337	6.753403
#1	.0226829	.0501774	.0198301	.0665472	.1065216	.3907894
#2	.0159584	.0490820	.0196733	.0639007	.1091777	.4429330
#3	.0157967	.0517011	.0154808	.0663866	.1058207	.4372743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3980903	.0099442	.0095014	9.703208	.0197961	.0998525
Stddev	.0022642	.0001787	.0000577	.047865	.0002165	.0006068
%RSD	.5687577	1.797216	.6076132	.4932894	1.093703	.6077142
#1	.3969029	.0100353	.0094576	9.655635	.0200107	.1000041
#2	.3966668	.0100590	.0095668	9.751359	.0195777	.1003692
#3	.4007012	.0097383	.0094796	9.702629	.0198001	.0991843

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511137	.1964867	.0319909	10.03204	.0773334	.0175865
Stddev	.0029841	.0418305	.0006760	.01218	.0001009	.0011916
%RSD	5.838138	21.28922	2.113017	.1214600	.1305277	6.775629
#1	.0493583	.2078163	.0318690	10.03019	.0773339	.0162107
#2	.0545592	.1501584	.0313841	10.02089	.0774341	.0182583
#3	.0494236	.2314854	.0327195	10.04505	.0772322	.0182905

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.762957	.0974732	.1163384	8.236075	.0210925	F -.004871
Stddev	.321438	.0107268	.0146095	.143177	.0008532	.001108
%RSD	4.140660	11.00488	12.55778	1.738408	4.045098	22.74390
#1	8.112895	.0853349	.1083322	8.166504	.0219695	-.004817
#2	7.480845	.1014070	.1074821	8.140978	.0210429	-.003791
#3	7.695130	.1056777	.1332009	8.400743	.0202652	-.006005

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165713BS Acquired: 12/23/2024 23:53:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS713 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204589	.1703728	F .3748835	.0123817	.1961875	.1987732
Stddev	.0002185	.0033799	.0022318	.0012174	.0012597	.0009870
%RSD	1.068003	1.983831	.5953376	9.832504	.6420742	.4965237
#1	.0202931	.1716371	.3767546	.0135961	.1947570	.1978036
#2	.0203771	.1729383	.3724132	.0111613	.1966747	.1997766
#3	.0207065	.1665430	.3754826	.0123878	.1971307	.1987394

Elem	Li6707
Units	ppm
Avg	F .0152922
Stddev	.0061973
%RSD	40.52614
#1	.0128718
#2	.0106703
#3	.0223345

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2058.629	26722.09	2158.318	1764.588	1856.947
Stddev	12.417	71.39	8.851	1.515	6.140
%RSD	.6031669	.2671529	.4100856	.0858663	.3306565
#1	2071.844	26639.69	2152.107	1763.914	1864.036
#2	2056.837	26761.17	2154.395	1763.526	1853.529
#3	2047.205	26765.40	2168.452	1766.323	1853.277

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-01 Acquired: 12/23/2024 23:57:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0824564	-.022372	.2922439	.0315016	.0276084	54.95825
Stddev	.0075523	.005105	.0042620	.0031365	.0012555	.05272
%RSD	9.159140	22.81885	1.458373	9.956743	4.547549	.0959188
#1	.0840203	-.020884	.2915079	.0304087	.0278431	54.91041
#2	.0742446	-.018177	.2968260	.0350384	.0262521	55.01476
#3	.0891042	-.028056	.2883978	.0290577	.0287300	54.94959

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7443960	.0058302	.0060878	F 1111.004	.0654220	.1173130
Stddev	.0014847	.0001158	.0001076	2.459	.0004673	.0008958
%RSD	.1994538	1.986697	1.767102	.2213413	.7142138	.7636348
#1	.7432352	.0057023	.0060926	1112.040	.0649508	.1183298
#2	.7438838	.0058603	.0061929	1112.775	.0658852	.1169689
#3	.7460691	.0059280	.0059779	1108.196	.0654300	.1166402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2037076	139.1522	7.209155	171.1674	.1368889	.0010723
Stddev	.0022056	.4511	.006992	.0870	.0007580	.0004539
%RSD	1.082738	.3241614	.0969936	.0508019	.5537075	42.32580
#1	.2062542	138.9644	7.201813	171.1707	.1361226	.0015390
#2	.2024641	139.6669	7.215736	171.2526	.1376383	.0010456
#3	.2024046	138.8254	7.209915	171.0788	.1369057	.0006324

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1963091	.1656000	.5949802	6.542031	F 11.09294	.0588024
Stddev	.3681860	.0069542	.0024114	.103450	.03282	.0022482
%RSD	187.5542	4.199390	.4052942	1.581314	.2958237	3.823273
#1	-.208358	.1672931	.5970060	6.598806	11.12202	.0611412
#2	.285753	.1579556	.5956216	6.604663	11.09946	.0586086
#3	.511533	.1715513	.5923129	6.422625	11.05736	.0566574

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-01 Acquired: 12/23/2024 23:57:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043773	2.399750	5.045416	.0384824	1.362841	1.408588
Stddev	.0004647	.012216	.002092	.0023102	.005249	.002082
%RSD	10.61580	.5090465	.0414720	6.003246	.3851787	.1478098
#1	.0040075	2.400645	5.043109	.0394003	1.365915	1.410240
#2	.0042254	2.411493	5.047190	.0358543	1.356780	1.409274
#3	.0048988	2.387111	5.045949	.0401926	1.365829	1.406249

Elem	Li6707
Units	ppm
Avg	.1458764
Stddev	.0030365
%RSD	2.081565
#1	.1477101
#2	.1475478
#3	.1423714

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.226	30562.20	2620.311	1991.337	1605.184
Stddev	4.382	123.63	2.788	4.970	3.975
%RSD	.1864576	.4045158	.1063809	.2495686	.2476152
#1	2351.722	30516.59	2617.822	1989.286	1604.875
#2	2345.291	30702.15	2623.323	1997.004	1601.374
#3	2353.664	30467.85	2619.786	1987.721	1609.305

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-02 Acquired: 12/24/2024 0:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0703196	-.007619	.2691494	.0324972	.0259742	53.26607
Stddev	.0049908	.001608	.0016555	.0014688	.0018585	.38356
%RSD	7.097353	21.10114	.6150982	4.519609	7.155280	.7200815
#1	.0684243	-.009454	.2674177	.0337234	.0267244	53.69196
#2	.0665541	-.006942	.2693141	.0328987	.0273403	52.94785
#3	.0759805	-.006460	.2707165	.0308694	.0238578	53.15840

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6843722	.0054309	.0051116	F 1126.094	.0777027	.1310485
Stddev	.0059593	.0000712	.0000521	9.670	.0006375	.0008298
%RSD	.8707748	1.311835	1.019508	.8587378	.8204659	.6332315
#1	.6910647	.0053872	.0050795	1134.880	.0774615	.1301504
#2	.6796395	.0055131	.0050836	1115.733	.0784256	.1317869
#3	.6824125	.0053924	.0051718	1127.668	.0772210	.1312082

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2274886	126.9833	8.445188	136.6570	.1615756	.0005742
Stddev	.0048979	1.0428	.098317	1.6752	.0010770	.0005879
%RSD	2.153027	.8211960	1.164176	1.225808	.6665751	102.3857
#1	.2284993	128.1347	8.557508	138.5724	.1617963	.0001485
#2	.2221642	126.1026	8.374731	135.4656	.1604054	.0012450
#3	.2318023	126.7125	8.403326	135.9331	.1625252	.0003291

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.12381	.1205357	.4923414	11.47728	5.303528	.0794774
Stddev	.14541	.0024368	.0061367	.17752	.016181	.0036101
%RSD	12.93877	2.021662	1.246440	1.546727	.3050965	4.542287
#1	-1.09111	.1224660	.4864496	11.67082	5.305009	.0836234
#2	-.99753	.1213436	.4986968	11.32202	5.286658	.0770290
#3	-1.28278	.1177975	.4918777	11.43899	5.318918	.0777798

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-02 Acquired: 12/24/2024 0:00:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032630	1.945610	3.639018	.0292820	1.173009	.9465703
Stddev	.0006347	.003409	.067074	.0005297	.007413	.0103546
%RSD	19.45044	.1752042	1.843181	1.808945	.6319851	1.093902
#1	.0038281	1.942837	3.713390	.0290286	1.174480	.9525917
#2	.0025763	1.944577	3.583110	.0289267	1.164971	.9346140
#3	.0033846	1.949416	3.620553	.0298908	1.179577	.9525052

Elem	Li6707
Units	ppm
Avg	.1168444
Stddev	.0043202
%RSD	3.697372
#1	.1123966
#2	.1171122
#3	.1210245

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2315.179	30151.06	2633.014	1965.448	1603.839
Stddev	12.282	98.94	35.499	9.774	9.724
%RSD	.5304954	.3281590	1.348226	.4973054	.6062723
#1	2320.676	30264.02	2594.819	1976.069	1606.259
#2	2323.752	30109.38	2664.997	1963.442	1612.124
#3	2301.109	30079.77	2639.224	1956.832	1593.134

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-03 Acquired: 12/24/2024 0:04:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533090	-.001714	.2310055	.0140014	.0163532	48.09073
Stddev	.0072487	.004714	.0024921	.0039354	.0038165	.09238
%RSD	13.59758	275.0666	1.078791	28.10691	23.33804	.1920955
#1	.0455862	.001541	.2334931	.0176970	.0193369	47.99622
#2	.0543750	.000437	.2310145	.0144435	.0120527	48.18082
#3	.0599656	-.007119	.2285090	.0098636	.0176702	48.09516

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5903255	.0050385	.0036350	F 899.5607	.0677678	.1314757
Stddev	.0010109	.0001811	.0000399	1.9849	.0006938	.0005959
%RSD	.1712448	3.595114	1.098753	.2206486	1.023734	.4532659
#1	.5892593	.0051453	.0036503	901.7238	.0682283	.1309823
#2	.5912702	.0051408	.0035897	899.1352	.0669698	.1313070
#3	.5904470	.0048294	.0036651	897.8231	.0681051	.1321378

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2287050	102.7723	7.518915	121.0301	.1700441	.0010915
Stddev	.0031933	.1681	.013438	.1329	.0013169	.0005805
%RSD	1.396249	.1635443	.1787162	.1097835	.7744151	53.17999
#1	.2272571	102.6796	7.504078	121.1259	.1713233	.0012569
#2	.2323657	102.9663	7.530267	121.0859	.1701166	.0004463
#3	.2264921	102.6710	7.522399	120.8784	.1686926	.0015713

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.22876	.0847496	.4116497	11.71809	4.106572	.0844859
Stddev	.55890	.0027516	.0142058	.05368	.004948	.0041682
%RSD	45.48450	3.246777	3.450936	.4580900	.1204959	4.933570
#1	-1.79307	.0852583	.4266794	11.72570	4.112082	.0847804
#2	-.67544	.0817791	.3984441	11.76755	4.102507	.0884990
#3	-1.21777	.0872114	.4098255	11.66101	4.105127	.0801783

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-03 Acquired: 12/24/2024 0:04:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027094	1.162262	3.519250	.0212407	.3121353	.7276530
Stddev	.0003912	.005875	.034148	.0029895	.0047853	.0023967
%RSD	14.43830	.5054419	.9703172	14.07454	1.533076	.3293743
#1	.0025014	1.156112	3.523503	.0245966	.3129032	.7303801
#2	.0024661	1.167815	3.551072	.0188624	.3070126	.7258817
#3	.0031606	1.162859	3.483174	.0202631	.3164902	.7266972

Elem	Li6707
Units	ppm
Avg	.1137617
Stddev	.0034891
%RSD	3.067066
#1	.1126313
#2	.1109779
#3	.1176759

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2238.273	29086.20	2493.661	1898.399	1619.101
Stddev	9.210	35.70	20.367	8.048	5.537
%RSD	.4114763	.1227296	.8167405	.4239554	.3419499
#1	2246.209	29052.68	2492.252	1889.126	1621.548
#2	2228.174	29082.20	2474.036	1902.504	1612.762
#3	2240.436	29123.74	2514.696	1903.567	1622.992

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-04 Acquired: 12/24/2024 0:08:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0562234	-.012930	.3019799	.0218873	.0214339	44.66461	.3782434
Stddev	.0022000	.002000	.0016182	.0032772	.0016357	.35432	.0017963
%RSD	3.912999	15.46678	.5358722	14.97290	7.631340	.7933012	.4748993
#1	.0557437	-.014283	.3026751	.0195640	.0229919	45.02470	.3801506
#2	.0543027	-.010633	.3001302	.0256357	.0215796	44.31635	.3765837
#3	.0586236	-.013875	.3031343	.0204621	.0197303	44.65277	.3779960

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049109	.0023511	797.3088	.0761349	.1185925	.3365673	111.9703
Stddev	.0001177	.0000675	5.9071	.0016971	.0002059	.0065295	1.0302
%RSD	2.395999	2.870760	.7408785	2.229118	.1736341	1.940041	.9200479
#1	.0050290	.0023325	803.4908	.0753206	.1186503	.3402317	113.1334
#2	.0047937	.0022949	791.7216	.0749983	.1183639	.3404416	111.1727
#3	.0049099	.0024260	796.7139	.0780857	.1187634	.3290286	111.6048

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.536572	110.3287	.1535729	-.000764	-1.28922	.1241647	.3402198
Stddev	.050448	1.0119	.0004675	.001018	.23562	.0062503	.0174027
%RSD	.9111806	.9171872	.3044365	133.1337	18.27610	5.033915	5.115146
#1	5.592714	111.4893	.1539047	.000045	-1.04149	.1219817	.3201258
#2	5.495044	109.6313	.1530382	-.000432	-1.31569	.1192986	.3504387
#3	5.521959	109.8655	.1537757	-.001906	-1.51049	.1312138	.3500949

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19005	7.875957	.0817675	.0025037	1.316550	4.066277	.0226474
Stddev	.31879	.029786	.0031529	.0003626	.011677	.031565	.0012763
%RSD	2.848856	.3781834	3.855965	14.48076	.8869107	.7762531	5.635625
#1	11.55567	7.865902	.0852681	.0028480	1.304657	4.083124	.0235835
#2	10.97028	7.852500	.0791510	.0025376	1.316996	4.085845	.0231651
#3	11.04419	7.909469	.0808835	.0021253	1.327997	4.029864	.0211935

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-04 Acquired: 12/24/2024 0:08:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5799911	.6282807	.0965297
Stddev	.0052003	.0043292	.0032691
%RSD	.8966112	.6890473	3.386591
#1	.5803407	.6321911	.0927590
#2	.5746249	.6236286	.0982623
#3	.5850078	.6290224	.0985678

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2289.848	29812.74	2531.712	1946.071	1693.927
Stddev	2.646	119.94	16.946	4.150	2.537
%RSD	.1155354	.4023110	.6693668	.2132307	.1497958
#1	2287.418	29789.16	2512.567	1950.855	1694.985
#2	2292.666	29942.71	2537.779	1943.453	1695.765
#3	2289.461	29706.33	2544.790	1943.904	1691.032

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-05 Acquired: 12/24/2024 0:12:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292015	-.058691	4.572706	.0901483	.0633150	61.02034
Stddev	.0032080	.002950	.020232	.0031565	.0016862	.86223
%RSD	2.482915	5.026709	.4424431	3.501438	2.663200	1.413026
#1	.1329057	-.055575	4.568131	.0873299	.0632743	60.57941
#2	.1273679	-.061441	4.555154	.0935589	.0616495	62.01387
#3	.1273310	-.059056	4.594834	.0895561	.0650212	60.46774

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.432460	.0078700	.0205322	192.2749	.1539328	.1157254
Stddev	.035319	.0001513	.0001821	2.5527	.0011196	.0002087
%RSD	1.451975	1.923040	.8868681	1.327619	.7273270	.1803075
#1	2.413779	.0077146	.0205407	190.7141	.1546906	.1157532
#2	2.473197	.0080170	.0203460	195.2208	.1526468	.1155043
#3	2.410406	.0078785	.0207098	190.8899	.1544610	.1159189

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3651733	192.9073	8.339645	43.92933	.2122132	.0028722
Stddev	.0076578	2.9148	.112164	.60213	.0008197	.0001733
%RSD	2.097039	1.510974	1.344944	1.370684	.3862821	6.034627
#1	.3594691	191.0986	8.276645	43.61793	.2117211	.0028363
#2	.3738768	196.2698	8.469144	44.62340	.2117591	.0027197
#3	.3621740	191.3535	8.273145	43.54667	.2131595	.0030607

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.62239	.1600227	5.779642	10.38021	F 20.39585	.0903868
Stddev	.51528	.0033313	.041094	.27520	.09801	.0034324
%RSD	31.76056	2.081757	.7110124	2.651226	.4805580	3.797505
#1	-1.03722	.1633964	5.767544	10.27327	20.40879	.0865812
#2	-2.00823	.1599363	5.745954	10.69283	20.29200	.0913307
#3	-1.82172	.1567355	5.825426	10.17452	20.48674	.0932485

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-05 Acquired: 12/24/2024 0:12:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0124680	5.598139	5.034972	.1162840	.6785404	.1604455
Stddev	.0002950	.025491	.086202	.0012641	.0052334	.0018893
%RSD	2.366335	.4553407	1.712056	1.087095	.7712674	1.177567
#1	.0126647	5.592709	5.024706	.1174048	.6725836	.1605977
#2	.0121288	5.575801	5.125848	.1165333	.6823992	.1622542
#3	.0126106	5.625907	4.954364	.1149137	.6806384	.1584847

Elem	Li6707
Units	ppm
Avg	.0748862
Stddev	.0017227
%RSD	2.300415
#1	.0754673
#2	.0762432
#3	.0729481

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2431.457	31571.74	2611.928	2070.424	1787.694
Stddev	3.740	123.37	32.530	9.620	4.474
%RSD	.1538153	.3907657	1.245443	.4646196	.2502889
#1	2431.771	31568.38	2626.763	2068.443	1786.597
#2	2435.030	31696.76	2574.625	2080.879	1792.614
#3	2427.570	31450.08	2634.397	2061.948	1783.869

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-06 Acquired: 12/24/2024 0:16:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1237052	-.056330	3.017727	.0819914	.0404871	57.67361
Stddev	.0019310	.001202	.031429	.0027132	.0026418	.40535
%RSD	1.560958	2.133296	1.041491	3.309169	6.525060	.7028333
#1	.1232853	-.054964	2.998147	.0847801	.0374976	57.27887
#2	.1220187	-.057226	3.053979	.0818337	.0414560	57.65316
#3	.1258115	-.056801	3.001053	.0793605	.0425076	58.08880

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.312996	.0073793	.0209710	151.2731	.1476943	.1100831
Stddev	.012010	.0001095	.0002736	.9685	.0010111	.0013109
%RSD	.5192526	1.483573	1.304698	.6402022	.6846004	1.190822
#1	2.303130	.0075053	.0208476	150.4041	.1488084	.1087421
#2	2.309489	.0073073	.0212846	151.0981	.1468348	.1113617
#3	2.326370	.0073255	.0207808	152.3171	.1474397	.1101455

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3293651	177.7476	7.437024	37.95603	.2249453	.0011144
Stddev	.0082379	1.2647	.046300	.50197	.0014130	.0015198
%RSD	2.501146	.7115401	.6225615	1.322516	.6281468	136.3820
#1	.3202860	176.4745	7.390186	37.48145	.2238800	.0003150
#2	.3314468	177.7646	7.438118	37.90510	.2265482	.0028670
#3	.3363625	179.0038	7.482767	38.48152	.2244079	.0001611

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.76886	.1528452	5.937156	9.983453	F 20.13704	.0476089
Stddev	.59516	.0080753	.074468	.166552	.18656	.0025615
%RSD	33.64672	5.283329	1.254271	1.668280	.9264561	5.380358
#1	-1.10773	.1552292	5.897440	10.13176	20.03043	.0477713
#2	-1.93694	.1438463	5.890965	10.01533	20.35246	.0449701
#3	-2.26190	.1594601	6.023063	9.80327	20.02823	.0500855

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-06 Acquired: 12/24/2024 0:16:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLR9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0127013	4.620635	4.415555	.1152867	.7448092	.1253888
Stddev	.0008537	.042391	.022324	.0004849	.0061207	.0006686
%RSD	6.721058	.9174175	.5055790	.4206019	.8217834	.5332548
#1	.0136392	4.597715	4.425795	.1149882	.7410554	.1248746
#2	.0119697	4.669551	4.430922	.1158462	.7415000	.1251470
#3	.0124949	4.594640	4.389948	.1150258	.7518721	.1261447

Elem	Li6707
Units	ppm
Avg	.0752311
Stddev	.0025324
%RSD	3.366204
#1	.0759003
#2	.0724313
#3	.0773618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2445.165	31802.80	2660.773	2089.677	1804.707
Stddev	6.627	205.05	5.396	11.969	9.362
%RSD	.2710428	.6447593	.2028024	.5727524	.5187507
#1	2441.086	31948.96	2663.394	2087.990	1805.646
#2	2441.597	31891.04	2664.358	2102.399	1794.911
#3	2452.812	31568.40	2654.567	2078.641	1813.564

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-07 Acquired: 12/24/2024 0:20:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1614930	-.065061	2.719836	.1005556	.0493150	70.92981
Stddev	.0057502	.001234	.016308	.0087050	.0022084	.30843
%RSD	3.560649	1.897199	.5995989	8.656876	4.478078	.4348340
#1	.1680602	-.066355	2.710255	.0998779	.0510792	70.67880
#2	.1590575	-.063896	2.710587	.0922093	.0468384	71.27411
#3	.1573613	-.064933	2.738666	.1095797	.0500274	70.83652

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.120546	.0086946	.0229786	186.3735	.1459147	.1271292
Stddev	.008529	.0000995	.0002921	.2532	.0014429	.0005593
%RSD	.4021966	1.143998	1.271147	.1358679	.9888509	.4399428
#1	2.111959	.0086392	.0227551	186.0867	.1448538	.1276552
#2	2.129015	.0088094	.0228717	186.5661	.1453326	.1271906
#3	2.120665	.0086351	.0233091	186.4678	.1475577	.1265417

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3284652	213.2131	9.746547	41.19818	.2139985	.0010760
Stddev	.0050685	.5880	.033695	.16838	.0010310	.0008086
%RSD	1.543082	.2757574	.3457118	.4087095	.4818037	75.15293
#1	.3245600	212.5646	9.715173	41.12295	.2147287	.0004756
#2	.3341929	213.7113	9.782162	41.08053	.2128191	.0019955
#3	.3266426	213.3635	9.742306	41.39106	.2144478	.0007569

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.656411	.1892894	5.136889	10.34891	F 26.16212	.0472473
Stddev	.237533	.0050381	.055528	.04437	.15797	.0035626
%RSD	36.18666	2.661613	1.080962	.4287096	.6037952	7.540378
#1	-.929162	.1882794	5.093213	10.35601	26.12463	.0454239
#2	-.494996	.1947561	5.118074	10.38930	26.02627	.0513525
#3	-.545074	.1848328	5.199380	10.30143	26.33546	.0449654

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-07 Acquired: 12/24/2024 0:20:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107017	4.486552	4.268921	.1351998	.6885969	.1460757
Stddev	.0001420	.025262	.013169	.0023263	.0005514	.0009545
%RSD	1.326786	.5630576	.3084895	1.720603	.0800829	.6533920
#1	.0106051	4.473566	4.274723	.1325812	.6889111	.1471372
#2	.0108648	4.470425	4.253847	.1359907	.6879602	.1458017
#3	.0106354	4.515665	4.278192	.1370275	.6889195	.1452882

Elem	Li6707
Units	ppm
Avg	.0996094
Stddev	.0026614
%RSD	2.671835
#1	.1007711
#2	.0965647
#3	.1014925

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.684	33552.83	2792.106	2206.211	1808.311
Stddev	8.525	326.52	4.165	24.622	9.727
%RSD	.3325216	.9731451	.1491693	1.116031	.5379220
#1	2568.590	33594.88	2787.772	2211.247	1810.527
#2	2568.622	33856.29	2792.469	2227.925	1816.739
#3	2553.840	33207.32	2796.078	2179.460	1797.667

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-08 Acquired: 12/24/2024 0:23:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1600988	-.062105	2.712031	.1036113	.0509205	70.86254
Stddev	.0030777	.003359	.011836	.0007715	.0016360	.40216
%RSD	1.922402	5.408575	.4364223	.7445947	3.212823	.5675252
#1	.1629112	-.065948	2.704648	.1029603	.0505174	70.40173
#2	.1568110	-.060634	2.705762	.1034100	.0495238	71.04316
#3	.1605742	-.059731	2.725683	.1044634	.0527204	71.14272

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.126632	.0089417	.0229564	185.8297	.1479149	.1273663
Stddev	.012674	.0000879	.0001073	.4848	.0003137	.0001640
%RSD	.5959812	.9831319	.4673946	.2608736	.2120748	.1287672
#1	2.115442	.0088709	.0230416	185.4849	.1482620	.1273210
#2	2.124057	.0090401	.0228359	185.6202	.1478309	.1272297
#3	2.140396	.0089140	.0229916	186.3840	.1476517	.1275482

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3237946	213.2263	9.768174	41.18578	.2122222	.0020826
Stddev	.0063926	1.1646	.050553	.16008	.0010926	.0010093
%RSD	1.974277	.5462022	.5175239	.3886659	.5148384	48.46472
#1	.3175091	212.2465	9.721525	41.01096	.2111480	.0012855
#2	.3302892	212.9183	9.761109	41.22120	.2133323	.0017449
#3	.3235855	214.5139	9.821887	41.32518	.2121861	.0032176

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.570723	.1864300	5.114339	10.33187	F 26.04169	.0458484
Stddev	.589952	.0050416	.012677	.09567	.03518	.0032474
%RSD	103.3692	2.704293	.2478766	.9260113	.1351066	7.082843
#1	-1.14860	.1850818	5.127838	10.43513	26.03827	.0441319
#2	-.59417	.1920086	5.112495	10.31423	26.00835	.0438195
#3	.03060	.1821995	5.102685	10.24624	26.07846	.0495938

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-08 Acquired: 12/24/2024 0:23:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109804	4.462130	4.340355	.1346008	.6907411	.1443005
Stddev	.0007600	.009486	.016168	.0007670	.0042297	.0019267
%RSD	6.921817	.2125915	.3725074	.5698582	.6123470	1.335170
#1	.0115056	4.452633	4.338036	.1346997	.6953396	.1464337
#2	.0113267	4.471605	4.357558	.1337891	.6870167	.1437808
#3	.0101089	4.462153	4.325472	.1353135	.6898671	.1426870

Elem	Li6707
Units	ppm
Avg	.0959839
Stddev	.0019712
%RSD	2.053696
#1	.0948975
#2	.0947950
#3	.0982593

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2563.676	33288.25	2780.893	2194.944	1814.175
Stddev	1.648	175.90	7.508	16.728	.486
%RSD	.0642649	.5284133	.2699786	.7621148	.0267995
#1	2562.325	33108.41	2772.362	2176.937	1814.409
#2	2565.512	33459.93	2783.823	2209.999	1814.501
#3	2563.191	33296.40	2786.494	2197.897	1813.616

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-07LX5 Acquired: 12/24/2024 0:27:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0309707	-.007417	.5636573	.0204112	.0104671	17.31561	.5139572
Stddev	.0050202	.005244	.0028326	.0045416	.0011942	.08254	.0005680
%RSD	16.20938	70.70199	.5025333	22.25042	11.40912	.4766951	.1105202
#1	.0252138	-.001373	.5643168	.0252610	.0097136	17.22116	.5137076
#2	.0344368	-.010756	.5605531	.0162583	.0118440	17.37390	.5135566
#3	.0332616	-.010122	.5661019	.0197144	.0098436	17.35176	.5146072

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022414	.0045629	45.40648	.0363255	.0390063	.0786650	52.25644
Stddev	.0000348	.0001689	.14635	.0006166	.0001574	.0057604	.15432
%RSD	1.551094	3.701789	.3223131	1.697284	.4035349	7.322669	.2953188
#1	.0022748	.0043699	45.28409	.0361291	.0391266	.0744324	52.08674
#2	.0022054	.0046837	45.36675	.0370163	.0390641	.0763377	52.29421
#3	.0022439	.0046352	45.56859	.0358311	.0388281	.0852249	52.38837

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.383681	10.12188	.0432758	.0011367	-1.39743	.0457016	1.230603
Stddev	.006634	.01922	.0002857	.0010317	.34057	.0103654	.019369
%RSD	.2782894	.1898982	.6601573	90.76214	24.37117	22.68051	1.573912
#1	2.376324	10.14322	.0430725	.0020330	-1.01286	.0562175	1.218673
#2	2.385511	10.11651	.0431523	.0013680	-1.66090	.0354936	1.220186
#3	2.389207	10.10592	.0436024	.0000090	-1.51853	.0453936	1.252951

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.618552	5.422096	.0093142	.0038518	.9213848	1.344306	.0293903
Stddev	.070663	.013248	.0009777	.0007268	.0064364	.025642	.0012699
%RSD	4.365787	.2443345	10.49674	18.86953	.6985545	1.907424	4.320801
#1	1.543114	5.422529	.0093717	.0030344	.9286538	1.336955	.0281598
#2	1.629345	5.408636	.0083090	.0040954	.9190911	1.372820	.0306962
#3	1.683197	5.435122	.0102619	.0044254	.9164094	1.323142	.0293150

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-07LX5 Acquired: 12/24/2024 0:27:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1901318	.0346791	.0169583
Stddev	.0073465	.0002637	.0034721
%RSD	3.863871	.7603701	20.47430
#1	.1817655	.0344513	.0165145
#2	.1931006	.0346181	.0206310
#3	.1955292	.0349679	.0137295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2173.574	28083.99	2286.888	1842.341	1845.030
Stddev	2.671	106.54	14.301	15.195	3.274
%RSD	.1228752	.3793597	.6253406	.8247594	.1774236
#1	2170.887	27984.77	2270.847	1826.319	1844.211
#2	2173.606	28196.58	2291.513	1856.545	1848.635
#3	2176.229	28070.61	2298.303	1844.161	1842.243

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-09 Acquired: 12/24/2024 0:31:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2344104	.0198775	2.732257	.2361441	.1945024	74.01272
Stddev	.0034799	.0021723	.005051	.0019530	.0004977	.36487
%RSD	1.484520	10.92860	.1848795	.8270325	.2558844	.4929783
#1	.2323666	.0178170	2.730620	.2347447	.1940804	73.71115
#2	.2324362	.0221467	2.728227	.2383753	.1943757	73.90870
#3	.2384284	.0196689	2.737924	.2353124	.1950513	74.41830

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.276356	.0864286	.1159040	186.1902	.4843770	1.087993
Stddev	.029471	.0002859	.0001246	.4678	.0014385	.002326
%RSD	.5585525	.3308302	.1074875	.2512590	.2969807	.2137593
#1	5.259103	.0866375	.1159811	185.7491	.4842461	1.088848
#2	5.259579	.0865455	.1157603	186.1409	.4830083	1.085360
#3	5.310385	.0861027	.1159707	186.6808	.4858764	1.089770

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6988580	214.4791	10.51731	41.18079	1.165853	.0586769
Stddev	.0100312	1.3766	.05977	.25412	.002085	.0009141
%RSD	1.435365	.6418569	.5683469	.6170803	.1788384	1.557812
#1	.6891508	213.3502	10.46392	41.07601	1.167270	.0578144
#2	.7091844	214.0745	10.50613	40.99581	1.163459	.0585812
#3	.6982388	216.0128	10.58189	41.47054	1.166829	.0596351

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.996302	.9849291	5.900906	10.42497	F 25.90502	.0442504
Stddev	.421650	.0120333	.057156	.04778	.01798	.0043939
%RSD	42.32155	1.221738	.9685910	.4583064	.0694222	9.929682
#1	-1.44812	.9716410	5.835823	10.40328	25.91352	.0393746
#2	-.92750	.9880563	5.923966	10.47975	25.88436	.0454731
#3	-.61328	.9950901	5.942929	10.39189	25.91718	.0479035

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-09 Acquired: 12/24/2024 0:31:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117284	4.458726	4.432104	.1337900	.6997925	.1459196
Stddev	.0004086	.016457	.018806	.0012940	.0041656	.0011754
%RSD	3.484048	.3691055	.4243149	.9671939	.5952650	.8054820
#1	.0120182	4.475875	4.443057	.1337371	.6999384	.1457618
#2	.0112611	4.443060	4.410389	.1351097	.7038832	.1471658
#3	.0119059	4.457242	4.442866	.1325233	.6955558	.1448310

Elem	Li6707
Units	ppm
Avg	.0981405
Stddev	.0023540
%RSD	2.398550
#1	.1007570
#2	.0974698
#3	.0961946

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2548.156	32969.07	2738.722	2162.771	1806.692
Stddev	2.721	89.49	.909	7.819	2.056
%RSD	.1067739	.2714230	.0331854	.3615468	.1137778
#1	2549.989	33051.27	2737.884	2168.266	1808.847
#2	2545.030	32982.20	2739.688	2166.228	1804.753
#3	2549.448	32873.75	2738.594	2153.819	1806.476

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-10 Acquired: 12/24/2024 0:35:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1262171	-.034306	1.109438	.0689006	.0380579	59.90914
Stddev	.0055968	.001031	.002666	.0030517	.0039620	.41492
%RSD	4.434280	3.004062	.2402799	4.429118	10.41038	.6925780
#1	.1265377	-.033308	1.108178	.0654437	.0370003	59.53461
#2	.1316468	-.035367	1.107636	.0700371	.0347321	59.83766
#3	.1204669	-.034242	1.112500	.0712209	.0424414	60.35516

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.568331	.0067944	.0105654	272.5729	.1137026	.1192628
Stddev	.008457	.0000371	.0001469	1.0888	.0008245	.0002953
%RSD	.5392421	.5464893	1.390265	.3994526	.7251327	.2476017
#1	1.558751	.0067517	.0103959	271.4913	.1130118	.1194087
#2	1.571481	.0068126	.0106539	272.5588	.1134805	.1194567
#3	1.574761	.0068189	.0106465	273.6688	.1146153	.1189229

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1936919	166.7843	10.91664	78.45649	.1540588	.0011963
Stddev	.0081347	.8509	.04104	.34827	.0006191	.0008835
%RSD	4.199788	.5101727	.3759177	.4439007	.4018606	73.84764
#1	.1849765	166.0657	10.87044	78.06334	.1544946	.0022143
#2	.2010835	166.5633	10.93063	78.57978	.1533501	.0006304
#3	.1950156	167.7238	10.94886	78.72634	.1543317	.0007443

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.70677	.1476922	2.005331	7.881883	F 13.69006	.0413719
Stddev	.49831	.0033564	.012185	.148355	.03469	.0028777
%RSD	29.19605	2.272538	.6076062	1.882231	.2534258	6.955711
#1	-2.07887	.1489071	1.991931	8.002641	13.68387	.0444778
#2	-1.14063	.1438975	2.008316	7.716278	13.65888	.0408419
#3	-1.90082	.1502719	2.015745	7.926731	13.72743	.0387961

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-10 Acquired: 12/24/2024 0:35:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090440	2.857433	3.910511	.0617410	.6343163	.1482061
Stddev	.0010954	.007792	.009795	.0029774	.0044061	.0005587
%RSD	12.11208	.2726960	.2504912	4.822412	.6946255	.3769627
#1	.0090766	2.850270	3.906352	.0644688	.6373875	.1478793
#2	.0079326	2.856300	3.903481	.0621893	.6292679	.1478878
#3	.0101227	2.865730	3.921699	.0585648	.6362936	.1488512

Elem	Li6707
Units	ppm
Avg	.0789518
Stddev	.0017009
%RSD	2.154333
#1	.0792135
#2	.0771352
#3	.0805066

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2488.525	32265.58	2710.115	2119.132	1778.808
Stddev	6.057	33.04	9.144	6.978	6.167
%RSD	.2433975	.1024101	.3374013	.3292734	.3467123
#1	2485.259	32229.37	2708.891	2111.205	1775.641
#2	2495.514	32273.26	2719.809	2121.843	1785.916
#3	2484.801	32294.10	2701.644	2124.347	1774.868

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-11 Acquired: 12/24/2024 0:39:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1310211	-.038883	.5225907	.0615733	.0403285	51.94125
Stddev	.0043252	.004394	.0035249	.0030952	.0025798	.37334
%RSD	3.301142	11.30072	.6745090	5.026792	6.397055	.7187818
#1	.1327003	-.038836	.5266319	.0629180	.0373500	51.55724
#2	.1342549	-.043301	.5209899	.0580332	.0418591	51.96357
#3	.1261081	-.034513	.5201502	.0637687	.0417765	52.30293

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136627	.0061553	.0077175	F 826.9430	.0942055	.1384227
Stddev	.007132	.0001682	.0000661	4.0438	.0016008	.0009266
%RSD	.6274694	2.732984	.8567878	.4890001	1.699214	.6694147
#1	1.128593	.0060291	.0076872	823.3691	.0937063	.1393455
#2	1.139078	.0060905	.0077933	826.1275	.0959964	.1374923
#3	1.142210	.0063463	.0076719	831.3324	.0929139	.1384302

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2008003	185.4969	12.00335	154.0922	.1768541	-.000743
Stddev	.0057192	.9193	.05502	.8216	.0009448	.000581
%RSD	2.848202	.4955987	.4583808	.5331607	.5342323	78.18891
#1	.2013793	184.7066	11.94603	153.3075	.1779236	-.000129
#2	.1948136	185.2782	12.00829	154.0230	.1761329	-.000817
#3	.2062079	186.5058	12.05573	154.9462	.1765057	-.001284

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.794202	.1513595	1.078028	6.525775	F 10.44657	.0517206
Stddev	.180362	.0058079	.012352	.134907	.00390	.0012091
%RSD	22.70988	3.837166	1.145803	2.067287	.0373450	2.337806
#1	-.938389	.1484612	1.092246	6.678430	10.44537	.0504949
#2	-.591962	.1580462	1.069943	6.422574	10.44341	.0517546
#3	-.852256	.1475711	1.071895	6.476322	10.45093	.0529124

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-11 Acquired: 12/24/2024 0:39:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052947	2.186779	3.421778	.0413496	.5463726	.6687324
Stddev	.0001503	.008163	.013169	.0009126	.0039975	.0027502
%RSD	2.838314	.3732999	.3848613	2.207008	.7316372	.4112513
#1	.0051221	2.179093	3.429601	.0402978	.5457612	.6663141
#2	.0053662	2.185897	3.429160	.0418190	.5427160	.6681590
#3	.0053960	2.195348	3.406574	.0419319	.5506405	.6717240

Elem	Li6707
Units	ppm
Avg	.0852256
Stddev	.0018581
%RSD	2.180220
#1	.0830989
#2	.0865346
#3	.0860434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.340	30620.66	2639.147	1998.019	1647.190
Stddev	4.307	275.90	8.177	11.204	2.778
%RSD	.1823944	.9010289	.3098450	.5607383	.1686668
#1	2362.970	30728.17	2648.444	2000.425	1647.073
#2	2364.593	30307.19	2633.070	1985.808	1650.025
#3	2356.456	30826.63	2635.927	2007.824	1644.472

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV008 Acquired: 12/24/2024 0:42:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.833373	4.522037	23.25927	4.707081	4.790634	378.2268
Stddev	.010465	.014283	.05463	.008567	.005767	1.6724
%RSD	.2165077	.3158638	.2348826	.1820075	.1203730	.4421569
#1	4.822189	4.505794	23.19643	4.699817	4.784205	380.1117
#2	4.842926	4.527678	23.29548	4.704898	4.792346	376.9209
#3	4.835005	4.532637	23.28590	4.716529	4.795350	377.6478

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.471658	.4664679	2.350764	381.1893	14.80176	2.425777
Stddev	.038480	.0055498	.003586	1.2566	.08911	.006829
%RSD	.4062608	1.189751	.1525599	.3296656	.6020151	.2815290
#1	9.516088	.4723092	2.346715	382.4855	14.71986	2.418078
#2	9.449059	.4612648	2.353538	379.9763	14.78876	2.431103
#3	9.449827	.4658297	2.352040	381.1062	14.89665	2.428150

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.13152	380.8938	13.97037	376.6506	2.355622	1.193607
Stddev	.06085	1.6866	.06997	1.2034	.001053	.003422
%RSD	.4306038	.4428060	.5008575	.3194929	.0446996	.2866788
#1	14.19643	382.8123	14.04573	377.9798	2.354430	1.191939
#2	14.07576	379.6444	13.90745	376.3369	2.356011	1.191340
#3	14.12237	380.2247	13.95794	375.6352	2.356426	1.197543

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	367.3533	2.347560	14.51919	138.2979	4.693571	4.622523
Stddev	1.3231	.004579	.17262	.7271	.006101	.052538
%RSD	.3601766	.1950722	1.188904	.5257386	.1299859	1.136557
#1	368.8731	2.345175	14.32191	139.1362	4.687245	4.680057
#2	366.4579	2.352840	14.59321	137.8381	4.694050	4.577096
#3	366.7290	2.344665	14.64246	137.9195	4.699419	4.610415

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV008 Acquired: 12/24/2024 0:42:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV008 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.679767	4.771636	F 4.484018	4.709468	4.720954	4.541372
Stddev	.003527	.010957	.058100	.002949	.035650	.013719
%RSD	.0753585	.2296192	1.295703	.0626138	.7551486	.3020804
#1	4.676523	4.759058	4.544715	4.706176	4.747873	4.540080
#2	4.683520	4.776746	4.428922	4.711865	4.680523	4.528345
#3	4.679257	4.779104	4.478416	4.710365	4.734466	4.555691

Elem	Li6707
Units	ppm
Avg	4.694557
Stddev	.012954
%RSD	.2759440
#1	4.707535
#2	4.681627
#3	4.694508

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1808.993	24736.79	2166.337	1542.119	1582.822
Stddev	.340	196.70	17.820	14.748	1.392
%RSD	.0188213	.7951707	.8225728	.9563416	.0879509
#1	1808.859	24938.23	2148.775	1556.254	1584.177
#2	1809.380	24726.94	2184.404	1543.278	1581.396
#3	1808.740	24545.20	2165.834	1526.827	1582.893

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB008 Acquired: 12/24/2024 0:46:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001535	-.000146	.0042003	.0006272	-.000655	.0201799	.0014779
Stddev	.001647	.000954	.0018702	.0017030	.001522	.0219213	.0014212
%RSD	107.3353	652.8979	44.52599	271.5398	232.5462	108.6293	96.16543
#1	.000358	.000892	.0060526	-.000823	.000443	.0401511	.0008939
#2	-.002643	-.000986	.0042354	.000202	-.002392	.0236632	.0030981
#3	-.002319	-.000344	.0023127	.002502	-.000015	-.003274	.0004417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000256	.0000051	-.010621	-.000285	-.000235	.0041730	.0383940
Stddev	.0001874	.0001427	.014667	.000394	.000263	.0082535	.0316598
%RSD	730.9129	2793.432	138.0972	138.4672	111.9589	197.7831	82.46023
#1	.0000736	.0000758	-.025830	-.000529	-.000417	-.005270	.0310396
#2	.0001844	.0000986	-.009471	-.000495	-.000355	.010010	.0730838
#3	-.000181	-.000159	.003437	.000170	.000067	.007779	.0110587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033817	.1994229	.0001039	-.000844	-1.61431	.0048779	-.001678
Stddev	.0018054	.1674289	.0001077	.001056	.11477	.0075397	.009280
%RSD	53.38614	83.95671	103.6142	125.0951	7.109793	154.5690	553.1013
#1	.0053015	.0879696	.0001840	-.000897	-1.73783	.0020720	-.007962
#2	.0031253	.3919563	.0001462	.000237	-1.51096	.0134182	-.006052
#3	.0017183	.1183429	-.000018	-.001873	-1.59413	-.000857	.008981

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.10023	.0013728	.0031711	.0008568	-.005958	-.083912	-.000118
Stddev	.25908	.0005809	.0028892	.0000580	.002302	.000810	.000053
%RSD	23.54801	42.31632	91.10845	6.773061	38.63334	.9651670	44.61273
#1	-1.20608	.0011092	.0060417	.0008985	-.007380	-.083191	-.000163
#2	-1.28963	.0020389	.0002637	.0008813	-.007191	-.083758	-.000131
#3	-.80498	.0009704	.0032081	.0007905	-.003302	-.084789	-.000060

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB008 Acquired: 12/24/2024 0:46:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB008 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0028068	.0004041	.0029738
Stddev	.0051759	.0001830	.0009751
%RSD	184.4054	45.29889	32.78928
#1	-.002540	.0003352	.0019962
#2	.003168	.0006115	.0029787
#3	.007793	.0002654	.0039464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2070.984	26792.42	2195.180	1762.489	1864.431
Stddev	2.837	152.20	12.496	19.499	3.218
%RSD	.1369968	.5680879	.5692602	1.106352	.1725955
#1	2071.360	26845.06	2185.961	1769.876	1863.725
#2	2067.978	26620.89	2209.403	1740.376	1861.625
#3	2073.614	26911.32	2190.176	1777.216	1867.943

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-12 Acquired: 12/24/2024 0:50:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252109	.0024062	.3034841	.0237997	.0227267	34.04063
Stddev	.0063754	.0021651	.0023316	.0016049	.0029675	.42409
%RSD	5.091709	89.98049	.7682769	6.743183	13.05735	1.245841
#1	.1254905	.0048633	.3007946	.0252756	.0201264	33.55136
#2	.1187004	.0007782	.3047226	.0240323	.0259594	34.30303
#3	.1314420	.0015770	.3049351	.0220913	.0220942	34.26750

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7561057	.0038979	.0045055	F 1358.251	.0667397	.1501996
Stddev	.0092556	.0001193	.0001184	24.304	.0012510	.0009012
%RSD	1.224116	3.059244	2.627606	1.789331	1.874499	.5999829
#1	.7455439	.0039097	.0044972	1332.615	.0653250	.1493510
#2	.7628017	.0040108	.0046278	1361.181	.0677002	.1511454
#3	.7599715	.0037731	.0043915	1380.956	.0671939	.1501025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1900770	123.9102	11.10727	173.9777	.1231174	-.000775
Stddev	.0056289	1.5331	.13224	1.9858	.0010264	.000385
%RSD	2.961396	1.237242	1.190539	1.141416	.8337054	49.69940
#1	.1886136	122.1421	10.95519	171.6853	.1243025	-.001212
#2	.1853243	124.8708	11.19515	175.0773	.1225396	-.000630
#3	.1962931	124.7176	11.17147	175.1704	.1225101	-.000484

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.30958	.0963171	.7604204	6.609928	5.812145	.0681912
Stddev	.79344	.0079368	.0150224	.133423	.018289	.0012336
%RSD	60.58791	8.240305	1.975538	2.018532	.3146605	1.809091
#1	-2.09032	.0871665	.7687478	6.479555	5.791769	.0677030
#2	-.50401	.1013326	.7430785	6.746206	5.817526	.0672765
#3	-1.33439	.1004521	.7694348	6.604024	5.827139	.0695943

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-12 Acquired: 12/24/2024 0:50:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055787	10.38759	2.965187	.0311022	.4936855	1.124725
Stddev	.0005266	.03101	.062214	.0017173	.0060485	.014261
%RSD	9.439389	.2985140	2.098135	5.521619	1.225162	1.267948
#1	.0050354	10.35574	2.893349	.0298336	.4873060	1.108764
#2	.0060868	10.38937	3.001025	.0304165	.4944134	1.129197
#3	.0056140	10.41768	3.001187	.0330565	.4993370	1.136215

Elem	Li6707
Units	ppm
Avg	.0676418
Stddev	.0031534
%RSD	4.661906
#1	.0648915
#2	.0669504
#3	.0710835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2239.381	29063.46	2547.113	1891.882	1598.514
Stddev	9.445	41.00	47.173	4.201	7.474
%RSD	.4217857	.1410623	1.852035	.2220687	.4675508
#1	2249.787	29065.97	2601.445	1896.266	1606.450
#2	2237.006	29021.27	2516.575	1891.491	1597.483
#3	2231.350	29103.15	2523.320	1887.891	1591.610

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-13 Acquired: 12/24/2024 0:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509739	.0061234	.2394122	.0137698	.0175169	34.89340
Stddev	.0028219	.0060648	.0008785	.0023141	.0036870	.03865
%RSD	5.535939	99.04296	.3669405	16.80581	21.04817	.1107598
#1	.0487985	.0111372	.2402430	.0120790	.0133158	34.84946
#2	.0541625	-.000618	.2384927	.0128233	.0190199	34.92213
#3	.0499606	.007851	.2395011	.0164072	.0202150	34.90860

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5459015	.0039874	.0033461	F 1285.878	.0602022	.1149057
Stddev	.0027887	.0000909	.0001061	8.851	.0003506	.0003026
%RSD	.5108492	2.279720	3.170112	.6883575	.5823004	.2633520
#1	.5452133	.0040918	.0032944	1279.826	.0605717	.1152026
#2	.5489699	.0039257	.0032758	1281.771	.0598743	.1149168
#3	.5435213	.0039447	.0034681	1296.037	.0601606	.1145977

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2570450	108.4962	9.262884	234.0880	.1058131	-.000838
Stddev	.0025161	.1624	.010054	.6341	.0006507	.000983
%RSD	.9788381	.1496633	.1085441	.2708624	.6149532	117.2472
#1	.2541801	108.3094	9.255773	233.4411	.1065540	.000296
#2	.2588955	108.5758	9.274387	234.1145	.1055507	-.001378
#3	.2580595	108.6034	9.258493	234.7083	.1053345	-.001433

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.735558	.1084227	.4943611	7.809475	6.777357	.0793342
Stddev	.405341	.0141798	.0096946	.063061	.009272	.0005516
%RSD	55.10660	13.07828	1.961030	.8074953	.1368141	.6952359
#1	-1.05194	.1238382	.4870081	7.856053	6.780283	.0787429
#2	-.27866	.0959360	.4907278	7.834658	6.766974	.0794252
#3	-.87608	.1054940	.5053475	7.737713	6.784813	.0798347

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-13 Acquired: 12/24/2024 0:54:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031394	2.308185	3.000159	.0274712	.3622312	1.103160
Stddev	.0001410	.002472	.024743	.0019164	.0010399	.003744
%RSD	4.492173	.1070798	.8247328	6.975837	.2870881	.3394307
#1	.0032922	2.310436	3.017234	.0258079	.3627741	1.099488
#2	.0030141	2.308580	2.971783	.0295668	.3610322	1.103018
#3	.0031121	2.305540	3.011460	.0270390	.3628873	1.106973

Elem	Li6707
Units	ppm
Avg	.0792366
Stddev	.0009055
%RSD	1.142802
#1	.0781916
#2	.0797283
#3	.0797899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2216.778	28630.25	2503.453	1859.000	1583.194
Stddev	4.374	235.58	11.972	16.573	2.175
%RSD	.1972934	.8228200	.4782233	.8915062	.1373647
#1	2211.784	28814.31	2490.068	1869.943	1580.938
#2	2218.625	28711.67	2513.138	1867.125	1585.277
#3	2219.926	28364.76	2507.155	1839.932	1583.368

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-14 Acquired: 12/24/2024 0:58:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0908186	-.048010	1.195441	.0675160	.0332575	70.42522
Stddev	.0005914	.001926	.002447	.0035903	.0033179	.39848
%RSD	.6511528	4.012436	.2046925	5.317701	9.976394	.5658149
#1	.0913650	-.050209	1.192864	.0681628	.0361390	69.97639
#2	.0901907	-.046619	1.197732	.0636463	.0340033	70.73738
#3	.0909001	-.047203	1.195729	.0707389	.0296302	70.56189

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.379484	.0076748	.0080626	149.6357	.1338819	.1057342
Stddev	.007366	.0001360	.0002268	.6951	.0005644	.0005698
%RSD	.5339361	1.771512	2.813355	.4645053	.4215967	.5388804
#1	1.372620	.0075636	.0081870	148.8342	.1343766	.1058932
#2	1.387265	.0078264	.0078008	150.0008	.1340019	.1062076
#3	1.378567	.0076345	.0082000	150.0722	.1332671	.1051018

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2853112	150.5677	4.483582	46.11279	.2104066	-.001152
Stddev	.0104785	.6358	.015180	.24711	.0003740	.000937
%RSD	3.672643	.4222458	.3385606	.5358788	.1777698	81.35844
#1	.2818467	149.8336	4.466356	45.85770	.2100912	-.000162
#2	.2970831	150.9393	4.494999	46.35105	.2103088	-.002025
#3	.2770036	150.9301	4.489391	46.12963	.2108198	-.001267

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.43436	.1845132	1.698667	13.00830	F 16.07328	.0791688
Stddev	.61184	.0087281	.017531	.09547	.03322	.0016238
%RSD	42.65562	4.730331	1.032045	.7338787	.2066897	2.051086
#1	-1.03891	.1753541	1.678424	12.92839	16.03734	.0772966
#2	-1.12508	.1927345	1.708875	12.98248	16.07966	.0801945
#3	-2.13910	.1854511	1.708701	13.11402	16.10286	.0800152

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-14 Acquired: 12/24/2024 0:58:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108510	5.972616	4.567268	.0608223	.7922237	.1256798
Stddev	.0003361	.008045	.032642	.0019020	.0075775	.0004071
%RSD	3.097397	.1346920	.7147033	3.127187	.9564874	.3239143
#1	.0105293	5.966571	4.602327	.0629997	.7909286	.1258510
#2	.0108237	5.981747	4.561723	.0594847	.7853771	.1252151
#3	.0111998	5.969529	4.537753	.0599825	.8003653	.1259734

Elem	Li6707
Units	ppm
Avg	.1203988
Stddev	.0008921
%RSD	.7409346
#1	.1212137
#2	.1205372
#3	.1194457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2541.274	32830.97	2741.478	2156.528	1810.456
Stddev	11.046	248.67	8.808	15.872	6.998
%RSD	.4346507	.7574302	.3212989	.7360004	.3865332
#1	2528.522	33064.28	2746.848	2170.637	1802.471
#2	2547.891	32859.27	2746.274	2159.604	1815.521
#3	2547.408	32569.36	2731.313	2139.343	1813.377

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-15 Acquired: 12/24/2024 1:02:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1218421	-.074071	1.358664	.0945694	.0507213	75.53753
Stddev	.0041377	.003715	.003300	.0023920	.0040489	.43100
%RSD	3.395964	5.015430	.2428899	2.529382	7.982718	.5705741
#1	.1232618	-.078056	1.356580	.0960893	.0460680	75.06495
#2	.1171814	-.070704	1.356943	.0958068	.0534405	75.63869
#3	.1250830	-.073452	1.362469	.0918122	.0526553	75.90895

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.540005	.0095623	.0092972	168.1046	.1360119	.1180125
Stddev	.007229	.0002085	.0000774	.9956	.0009314	.0004528
%RSD	.4694462	2.180848	.8325633	.5922237	.6847977	.3837217
#1	1.531899	.0096941	.0093800	167.0856	.1354827	.1183434
#2	1.542330	.0093219	.0092268	168.1532	.1354656	.1181976
#3	1.545786	.0096710	.0092847	169.0749	.1370874	.1174964

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2787584	210.9478	4.767883	49.07136	.2088068	-.002051
Stddev	.0019941	1.6416	.035340	.05918	.0006572	.000406
%RSD	.7153389	.7782000	.7412016	.1206097	.3147377	19.79336
#1	.2765581	209.2204	4.729837	49.01110	.2095442	-.002435
#2	.2792711	211.1354	4.774131	49.07356	.2082830	-.001626
#3	.2804461	212.4875	4.799683	49.12941	.2085933	-.002091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.14223	.1992526	1.760335	12.73462	F 17.03595	.0756997
Stddev	.49453	.0051928	.025968	.05267	.01056	.0018958
%RSD	43.29520	2.606153	1.475184	.4136023	.0619810	2.504379
#1	-.59880	.2012430	1.740993	12.67416	17.02484	.0742854
#2	-1.56585	.2031557	1.789849	12.77054	17.03716	.0778538
#3	-1.26203	.1933590	1.750163	12.75917	17.04585	.0749598

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-15 Acquired: 12/24/2024 1:02:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119660	5.296448	4.047483	.0704679	.8531269	.0851113
Stddev	.0007151	.017105	.052099	.0009162	.0101121	.0008995
%RSD	5.975837	.3229551	1.287202	1.300168	1.185299	1.056840
#1	.0116688	5.282210	4.093270	.0696631	.8414642	.0840748
#2	.0127818	5.291713	3.990796	.0714650	.8594480	.0855706
#3	.0114475	5.315423	4.058383	.0702757	.8584686	.0856883

Elem	Li6707
Units	ppm
Avg	.1298389
Stddev	.0036535
%RSD	2.813861
#1	.1298152
#2	.1261973
#3	.1335041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2576.808	33240.77	2786.592	2183.178	1804.748
Stddev	3.571	116.19	22.103	12.302	1.886
%RSD	.1385641	.3495430	.7931846	.5634712	.1045207
#1	2574.283	33355.45	2778.357	2197.375	1805.811
#2	2580.893	33123.12	2811.630	2175.671	1805.863
#3	2575.248	33243.74	2769.789	2176.488	1802.570

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-16 Acquired: 12/24/2024 1:06:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1230770	-.046304	1.088150	.0654179	.0344971	70.57757
Stddev	.0034864	.001099	.001896	.0039811	.0028715	.46394
%RSD	2.832718	2.373478	.1742735	6.085675	8.323820	.6573504
#1	.1270532	-.046721	1.088869	.0608373	.0372551	70.04255
#2	.1216345	-.047134	1.089583	.0673721	.0347119	70.82156
#3	.1205433	-.045058	1.086000	.0680443	.0315242	70.86862

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.382537	.0078239	.0069069	116.9006	.1224494	.1131866
Stddev	.007536	.0000197	.0000600	.6779	.0010027	.0004314
%RSD	.5450983	.2517525	.8682105	.5798982	.8188638	.3811692
#1	1.374203	.0078337	.0069297	116.1556	.1233977	.1136339
#2	1.388872	.0078013	.0069521	117.4812	.1214000	.1127730
#3	1.384536	.0078368	.0068389	117.0650	.1225505	.1131529

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2302331	147.8881	4.069097	39.56248	.1753256	-.002241
Stddev	.0076206	1.2824	.037611	.26502	.0004962	.000669
%RSD	3.309945	.8671621	.9243133	.6698761	.2830292	29.85437
#1	.2301980	146.4983	4.027048	39.25912	.1753302	-.002550
#2	.2378712	149.0257	4.099531	39.74902	.1748271	-.002701
#3	.2226301	148.1403	4.080712	39.67930	.1758195	-.001474

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.35545	.1828858	1.257741	9.077726	F 13.86375	.0439153
Stddev	.63296	.0036065	.010510	.012392	.01053	.0015436
%RSD	46.69748	1.971971	.8356155	.1365049	.0759239	3.514843
#1	-.78352	.1861227	1.264194	9.083088	13.86635	.0421717
#2	-1.24732	.1835364	1.245613	9.063556	13.85216	.0451073
#3	-2.03551	.1789983	1.263415	9.086533	13.87273	.0444669

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-16 Acquired: 12/24/2024 1:06:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230703	3.068160	3.723717	.0548114	.7297778	.1006581
Stddev	.0007921	.008431	.006405	.0021637	.0066649	.0007830
%RSD	3.433222	.2747994	.1720070	3.947518	.9132720	.7778299
#1	.0236862	3.064362	3.720036	.0570261	.7222185	.1014312
#2	.0221769	3.062295	3.720001	.0527027	.7323073	.0998656
#3	.0233479	3.077822	3.731113	.0547055	.7348076	.1006775

Elem	Li6707
Units	ppm
Avg	.1250302
Stddev	.0038280
%RSD	3.061620
#1	.1264013
#2	.1207055
#3	.1279837

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2666.713	34442.89	2878.346	2269.392	1894.624
Stddev	4.000	125.26	6.634	14.719	3.727
%RSD	.1500155	.3636810	.2304952	.6485726	.1967244
#1	2667.670	34300.03	2875.098	2253.173	1893.884
#2	2670.148	34494.72	2885.979	2273.105	1898.666
#3	2662.320	34533.92	2873.962	2281.900	1891.323

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-17 Acquired: 12/24/2024 1:10:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1054446	-.051424	.4109866	.0640765	.0355762	75.26418
Stddev	.0029205	.004976	.0024875	.0011110	.0005096	.33412
%RSD	2.769662	9.677156	.6052530	1.733832	1.432297	.4439361
#1	.1022628	-.056137	.4132911	.0642964	.0353750	74.88349
#2	.1060680	-.046221	.4113190	.0628721	.0361556	75.40024
#3	.1080031	-.051915	.4083495	.0650612	.0351979	75.50881

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.122644	.0078430	.0049506	213.1584	.1167888	.1125428
Stddev	.003635	.0001908	.0000591	1.0319	.0002221	.0005467
%RSD	.3237611	2.432744	1.194088	.4840882	.1901302	.4857973
#1	1.119069	.0077863	.0050110	211.9694	.1168594	.1131463
#2	1.126335	.0080557	.0048928	213.6867	.1165401	.1124016
#3	1.122527	.0076870	.0049481	213.8192	.1169670	.1120806

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1168119	160.8305	3.769765	69.26017	.1448483	-.002497
Stddev	.0064915	.7150	.021320	.34996	.0013458	.001329
%RSD	5.557185	.4445761	.5655393	.5052783	.9290935	53.22296
#1	.1226773	160.0400	3.745246	68.85658	.1459298	-.003322
#2	.1098373	161.0193	3.780116	69.47947	.1452738	-.000964
#3	.1179211	161.4321	3.783932	69.44446	.1433411	-.003204

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.41424	.2002113	.7776318	6.212172	F 12.80820	.0420233
Stddev	.31583	.0013600	.0110871	.025070	.02054	.0011489
%RSD	22.33176	.6792955	1.425756	.4035570	.1603577	2.733940
#1	-1.11510	.2016804	.7691779	6.234558	12.80772	.0406967
#2	-1.74445	.1999573	.7901848	6.216874	12.82897	.0426891
#3	-1.38318	.1989961	.7735328	6.185085	12.78790	.0426841

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-17 Acquired: 12/24/2024 1:10:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061060	1.897087	4.097098	.0335333	.6662937	.0923066
Stddev	.0006474	.007350	.034763	.0021496	.0028277	.0002917
%RSD	10.60262	.3874545	.8484738	6.410271	.4243873	.3160324
#1	.0059961	1.888612	4.093571	.0357243	.6637163	.0920680
#2	.0055205	1.901709	4.133489	.0314277	.6658465	.0926318
#3	.0068013	1.900941	4.064232	.0334480	.6693183	.0922199

Elem	Li6707
Units	ppm
Avg	.1417986
Stddev	.0016939
%RSD	1.194557
#1	.1404129
#2	.1436869
#3	.1412961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2581.416	33383.03	2787.386	2193.193	1780.928
Stddev	4.485	146.30	9.559	12.450	5.434
%RSD	.1737391	.4382524	.3429249	.5676577	.3050996
#1	2578.267	33281.28	2778.287	2180.239	1777.576
#2	2579.429	33550.69	2786.526	2205.069	1778.010
#3	2586.551	33317.11	2797.346	2194.273	1787.197

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-18 Acquired: 12/24/2024 1:13:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631106	-.022774	.2412999	.0318616	.0283435	51.91771
Stddev	.0031164	.003633	.0034392	.0056011	.0031259	.45533
%RSD	4.937960	15.95000	1.425261	17.57957	11.02869	.8770284
#1	.0602568	-.018710	.2393959	.0290845	.0250422	51.39444
#2	.0664359	-.023910	.2392339	.0281918	.0287302	52.13502
#3	.0626392	-.025703	.2452700	.0383087	.0312580	52.22368

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5578644	.0055977	.0034658	F 862.7755	.0910715	.1063082
Stddev	.0040054	.0000720	.0001713	6.0069	.0005743	.0011377
%RSD	.7179884	1.286488	4.944072	.6962328	.6305988	1.070142
#1	.5532618	.0055848	.0036244	855.8524	.0917250	.1050001
#2	.5597717	.0055330	.0032841	865.8679	.0906469	.1068576
#3	.5605597	.0056753	.0034890	866.6062	.0908427	.1070668

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1046134	132.7732	4.609426	247.5908	.1162120	-.002678
Stddev	.0034723	1.1288	.035596	1.9164	.0004262	.000824
%RSD	3.319127	.8501353	.7722512	.7740210	.3667686	30.75494
#1	.1060711	131.4723	4.568431	245.3827	.1163842	-.001753
#2	.1071191	133.4924	4.627346	248.5682	.1157267	-.003331
#3	.1006499	133.3550	4.632501	248.8214	.1165253	-.002949

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.552543	.1570936	.6993052	4.188109	F 10.02342	.0429039
Stddev	.822452	.0050759	.0035471	.258040	.00659	.0004908
%RSD	148.8486	3.231126	.5072354	6.161248	.0657021	1.143857
#1	-1.05501	.1629425	.6959123	4.065753	10.02286	.0431329
#2	-.99921	.1544975	.6990148	4.484566	10.01713	.0432382
#3	.39660	.1538409	.7029886	4.014008	10.03027	.0423405

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-18 Acquired: 12/24/2024 1:13:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLS9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047364	1.666772	3.581525	.0742981	.7914935	.5649145
Stddev	.0007880	.004796	.023146	.0017921	.0091860	.0057431
%RSD	16.63803	.2877548	.6462699	2.412057	1.160597	1.016624
#1	.0056123	1.663736	3.572730	.0760156	.7838348	.5591087
#2	.0040848	1.664280	3.607780	.0744389	.7889675	.5650420
#3	.0045121	1.672302	3.564065	.0724397	.8016783	.5705927

Elem	Li6707
Units	ppm
Avg	.1045759
Stddev	.0041661
%RSD	3.983847
#1	.0998991
#2	.1078901
#3	.1059386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2346.602	30541.82	2642.250	1986.447	1618.606
Stddev	4.729	162.28	12.014	14.147	3.515
%RSD	.2015465	.5313265	.4546883	.7121844	.2171726
#1	2341.295	30692.92	2656.000	1997.742	1614.621
#2	2350.371	30562.24	2636.966	1991.020	1619.931
#3	2348.140	30370.30	2633.782	1970.579	1621.266

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-19 Acquired: 12/24/2024 1:17:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540544	-.007758	.2115062	.0183347	.0236528	43.13718
Stddev	.0044996	.003133	.0048670	.0089819	.0005125	1.27459
%RSD	8.324239	40.38115	2.301119	48.98875	2.166683	2.954735
#1	.0568547	-.009132	.2059021	.0117659	.0233201	42.77882
#2	.0488641	-.004173	.2139433	.0146683	.0233954	42.08014
#3	.0564444	-.009968	.2146733	.0285698	.0242430	44.55259

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4747815	.0047613	.0040972	F 1025.321	.0774527	.1077308
Stddev	.0125828	.0001905	.0001081	27.317	.0006204	.0009683
%RSD	2.650221	4.000113	2.637311	2.664245	.8009929	.8988048
#1	.4721224	.0048132	.0039725	1018.414	.0768711	.1070131
#2	.4637408	.0045502	.0041546	1002.121	.0773814	.1073471
#3	.4884813	.0049204	.0041644	1055.429	.0781057	.1088321

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1216729	117.6117	5.542642	200.9406	.1171928	-.002339
Stddev	.0049725	3.3456	.163815	5.8139	.0011201	.001229
%RSD	4.086771	2.844636	2.955545	2.893359	.9558096	52.56514
#1	.1206187	116.5451	5.493209	199.4382	.1178767	-.001720
#2	.1173120	114.9295	5.409236	196.0254	.1159001	-.003754
#3	.1270879	121.3606	5.725481	207.3583	.1178016	-.001541

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.603514	.1263653	.5994974	4.755483	8.129765	.0584450
Stddev	.384162	.0026507	.0153253	.125880	.009552	.0085708
%RSD	63.65413	2.097688	2.556364	2.647048	.1174889	14.66476
#1	-.336232	.1260997	.6020236	4.636057	8.127206	.0567885
#2	-1.04375	.1238573	.5830659	4.743440	8.121753	.0508234
#3	-.43056	.1291388	.6134026	4.886951	8.140335	.0677232

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-19 Acquired: 12/24/2024 1:17:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041570	1.672015	3.702823	.0272331	.6984032	.7765066
Stddev	.0009372	.008591	.083054	.0026980	.0198078	.0225516
%RSD	22.54493	.5138001	2.243003	9.906907	2.836158	2.904239
#1	.0033930	1.663569	3.680681	.0291121	.6895064	.7720815
#2	.0038754	1.680744	3.633084	.0241416	.6846037	.7564955
#3	.0052028	1.671733	3.794705	.0284456	.7210995	.8009428

Elem	Li6707
Units	ppm
Avg	.0846637
Stddev	.0044063
%RSD	5.204474
#1	.0833333
#2	.0810760
#3	.0895819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2279.501	29763.13	2620.920	1939.232	1584.729
Stddev	12.142	128.31	54.161	12.500	7.525
%RSD	.5326608	.4310993	2.066495	.6445832	.4748301
#1	2284.158	29735.25	2631.194	1937.565	1588.278
#2	2288.626	29903.08	2669.209	1952.482	1589.823
#3	2265.720	29651.05	2562.358	1927.650	1576.086

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-20 Acquired: 12/24/2024 1:21:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0424484	.0133880	.1652136	.0063068	.0185926	33.24700
Stddev	.0060442	.0067952	.0014193	.0091781	.0057508	.41178
%RSD	14.23891	50.75566	.8590500	145.5281	30.93063	1.238539
#1	.0371720	.0209244	.1639036	-.003209	.0240300	32.77848
#2	.0411304	.0077286	.1667214	.007024	.0191752	33.41104
#3	.0490428	.0115110	.1650158	.015105	.0125727	33.55147

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5987832	.0044307	.0050722	F 1778.283	.0573179	.1201605
Stddev	.0070197	.0000655	.0000678	15.031	.0005117	.0002018
%RSD	1.172326	1.478502	1.336325	.8452422	.8927570	.1679280
#1	.5907359	.0043574	.0051504	1761.852	.0578725	.1203924
#2	.6036474	.0044509	.0050325	1781.659	.0572173	.1200644
#3	.6019665	.0044837	.0050336	1791.339	.0568640	.1200247

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1655181	103.7979	8.064800	130.1767	.1199093	-.000890
Stddev	.0021331	1.2131	.109154	1.8578	.0008414	.001289
%RSD	1.288745	1.168755	1.353462	1.427148	.7016766	144.9138
#1	.1630591	102.4318	7.941448	128.0422	.1207988	-.000978
#2	.1668705	104.2126	8.104052	131.0581	.1198030	-.002132
#3	.1666248	104.7494	8.148900	131.4297	.1191262	.000442

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.25150	.0690155	.4997562	8.117672	3.070971	.0823992
Stddev	.47000	.0094018	.0220684	.348437	.009699	.0018168
%RSD	20.87503	13.62279	4.415833	4.292322	.3158196	2.204887
#1	-1.71185	.0637102	.5215742	7.716511	3.079036	.0803935
#2	-2.57119	.0798709	.5002486	8.344913	3.060209	.0839347
#3	-2.47145	.0634654	.4774457	8.291591	3.073669	.0828694

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-20 Acquired: 12/24/2024 1:21:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017691	2.600184	3.233303	.0302676	.2699280	1.994133
Stddev	.0010120	.008682	.043479	.0024894	.0024259	.018841
%RSD	57.20634	.3339149	1.344730	8.224733	.8987087	.9448243
#1	.0006999	2.601709	3.183474	.0278173	.2675605	1.972381
#2	.0027121	2.590840	3.263535	.0301910	.2724083	2.004680
#3	.0018953	2.608003	3.252898	.0327944	.2698152	2.005340

Elem	Li6707
Units	ppm
Avg	.0804137
Stddev	.0037427
%RSD	4.654362
#1	.0810689
#2	.0763866
#3	.0837856

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2150.627	27813.09	2461.942	1813.852	1553.574
Stddev	4.452	150.21	12.757	9.706	5.205
%RSD	.2070130	.5400756	.5181855	.5350779	.3350057
#1	2149.872	27664.44	2476.673	1805.389	1554.106
#2	2155.408	27964.81	2454.657	1824.446	1558.492
#3	2146.600	27810.02	2454.496	1811.723	1548.124

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-21 Acquired: 12/24/2024 1:25:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1250978	-.061122	2.303018	.0856017	.0464137	62.55844
Stddev	.0039352	.002667	.005621	.0040853	.0009302	.26730
%RSD	3.145660	4.364104	.2440673	4.772470	2.004070	.4272757
#1	.1240326	-.062229	2.299689	.0897726	.0472904	62.25381
#2	.1294558	-.063057	2.299858	.0816077	.0454380	62.75374
#3	.1218048	-.058079	2.309508	.0854248	.0465128	62.66778

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.643440	.0078346	.0110897	176.0320	.1562098	.1056805
Stddev	.003600	.0001453	.0000791	.3487	.0007286	.0008990
%RSD	.2190753	1.854373	.7134009	.1981054	.4664410	.8506670
#1	1.639640	.0078768	.0111254	175.6717	.1561376	.1056971
#2	1.646800	.0076729	.0111447	176.0564	.1555199	.1047733
#3	1.643881	.0079542	.0109990	176.3679	.1569718	.1065711

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3733179	189.6056	7.345125	40.88943	.1992234	-.002209
Stddev	.0088804	1.0619	.018493	.18377	.0013463	.000386
%RSD	2.378782	.5600713	.2517771	.4494250	.6757597	17.48245
#1	.3732094	188.3801	7.324308	40.69857	.1997344	-.002321
#2	.3644923	190.2560	7.351412	40.90454	.1976964	-.002526
#3	.3822521	190.1806	7.359656	41.06517	.2002393	-.001779

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.71529	.1936744	2.397394	7.463621	F 22.70844	.0725215
Stddev	.21723	.0032988	.017515	.110436	.05333	.0023922
%RSD	12.66420	1.703254	.7305968	1.479658	.2348316	3.298639
#1	-1.55040	.1964641	2.388471	7.580994	22.71633	.0713628
#2	-1.63402	.1945257	2.386137	7.361763	22.65161	.0709292
#3	-1.96143	.1900334	2.417574	7.448107	22.75738	.0752724

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-21 Acquired: 12/24/2024 1:25:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163503	6.573847	3.903800	.1334884	.9703912	.1572872
Stddev	.0004214	.016760	.009154	.0009144	.0069408	.0009975
%RSD	2.577420	.2549428	.2344985	.6849937	.7152590	.6342174
#1	.0168281	6.581060	3.904787	.1335115	.9633966	.1582253
#2	.0161915	6.554689	3.912421	.1325627	.9705000	.1562393
#3	.0160314	6.585793	3.894192	.1343911	.9772769	.1573971

Elem	Li6707
Units	ppm
Avg	.0682942
Stddev	.0043369
%RSD	6.350290
#1	.0652971
#2	.0732672
#3	.0663183

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.834	31086.15	2603.792	2045.433	1823.347
Stddev	11.077	210.76	8.763	12.582	9.263
%RSD	.4600397	.6779763	.3365481	.6151327	.5080242
#1	2413.961	31170.82	2612.912	2042.259	1827.143
#2	2414.495	31241.41	2603.027	2059.298	1830.110
#3	2395.047	30846.22	2595.436	2034.742	1812.789

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-22 Acquired: 12/24/2024 1:29:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1303711	-.067317	1.974927	.0907027	.0467889	54.41992
Stddev	.0023688	.005866	.005515	.0018463	.0025808	.21899
%RSD	1.816946	8.714528	.2792750	2.035587	5.515925	.4024156
#1	.1288643	-.060935	1.973935	.0899820	.0438369	54.18297
#2	.1331014	-.072474	1.969975	.0893254	.0479111	54.46190
#3	.1291477	-.068543	1.980872	.0928007	.0486186	54.61489

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.408020	.0076075	.0105995	187.5077	.1359739	.1016473
Stddev	.004208	.0001454	.0001830	.5949	.0007191	.0006031
%RSD	.2988823	1.910869	1.725981	.3172463	.5288602	.5932866
#1	1.403163	.0077715	.0107240	186.8412	.1360873	.1012629
#2	1.410571	.0075567	.0106851	187.6971	.1352048	.1013367
#3	1.410326	.0074943	.0103895	187.9848	.1366295	.1023424

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2804171	200.8365	7.246900	47.90964	.1844354	-.001550
Stddev	.0050112	.6085	.023134	.27993	.0002893	.001768
%RSD	1.787041	.3029855	.3192234	.5842923	.1568314	114.0943
#1	.2781574	200.1345	7.220300	47.58791	.1843538	-.000285
#2	.2861601	201.1608	7.262320	48.04346	.1847567	-.000795
#3	.2769336	201.2142	7.258079	48.09755	.1841957	-.003571

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.621565	.1704843	2.067252	5.480579	F 17.51900	.0631086
Stddev	1.284464	.0106727	.010266	.100737	.00475	.0014369
%RSD	206.6500	6.260227	.4965999	1.838067	.0271227	2.276927
#1	-2.09066	.1755935	2.078851	5.364356	17.52364	.0642722
#2	-.06356	.1582174	2.059334	5.534565	17.51923	.0615024
#3	.28953	.1776420	2.063572	5.542816	17.51414	.0635512

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5091-22 Acquired: 12/24/2024 1:29:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLT3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187344	5.245976	3.616623	.1231388	.8296288	.1079967
Stddev	.0006367	.011937	.015684	.0020238	.0052800	.0004657
%RSD	3.398616	.2275541	.4336711	1.643525	.6364250	.4312521
#1	.0181151	5.239237	3.605827	.1208149	.8235594	.1075677
#2	.0193872	5.238932	3.609429	.1240874	.8331631	.1079305
#3	.0187009	5.259759	3.634614	.1245141	.8321639	.1084920

Elem	Li6707
Units	ppm
Avg	.0563891
Stddev	.0006633
%RSD	1.176332
#1	.0557770
#2	.0570939
#3	.0562964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2370.850	30745.74	2572.730	2028.406	1821.821
Stddev	7.144	109.66	5.646	10.236	5.443
%RSD	.3013318	.3566514	.2194585	.5046265	.2987621
#1	2374.504	30619.64	2572.447	2016.949	1825.302
#2	2375.428	30798.87	2578.512	2031.620	1824.612
#3	2362.618	30818.71	2567.230	2036.650	1815.548

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165740BL Acquired: 12/24/2024 1:33:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS740 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002290	.0017081	-.002195	.0038747	-.001374	.0394015	.0009004
Stddev	.004627	.0031681	.002153	.0039732	.003784	.0059978	.0023264
%RSD	202.0716	185.4747	98.07822	102.5428	275.4008	15.22239	258.3773
#1	-.006943	.0005343	-.001818	.0031691	.001248	.0428706	-.001114
#2	-.002236	.0052957	-.000256	.0003015	-.005713	.0324758	.003446
#3	.002310	-.000706	-.004511	.0081534	.000342	.0428581	.000369

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000077	-.000160	.0017413	-.000332	-.000199	.0028520	.0162508
Stddev	.000095	.000087	.0248812	.000357	.000827	.0025245	.0290041
%RSD	124.1309	54.43592	1428.927	107.5593	416.2515	88.51728	178.4781
#1	-.000009	-.000224	-.016960	-.000399	.000710	-.000033	.0193023
#2	-.000186	-.000061	.029980	.000054	-.000398	.004657	-.014158
#3	-.000036	-.000196	-.007796	-.000650	-.000908	.003932	.043608

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034560	.0251098	.0003606	-.000760	-1.02998	.0095074	.0027004
Stddev	.0008120	.0864965	.0003148	.000704	.68648	.0046682	.0143514
%RSD	23.49624	344.4729	87.31179	92.56388	66.65019	49.10131	531.4562
#1	.0025506	-.064236	.0003856	-.001346	-.93825	.0141732	-.001583
#2	.0036979	.108443	.0000340	.000020	-.39397	.0095122	-.009021
#3	.0041197	.031123	.0006622	-.000954	-1.75772	.0048367	.018706

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.24314	.0032631	-.007432	.0005310	-.002159	-.082797	-.000994
Stddev	.08785	.0020299	.001901	.0004842	.004542	.000376	.000965
%RSD	7.066977	62.20811	25.58119	91.17489	210.3972	.4546769	97.12361
#1	-1.26098	.0010828	-.006007	.0005143	.002994	-.082455	-.001129
#2	-1.14773	.0036080	-.006699	.0000554	-.005583	-.083200	.000032
#3	-1.32070	.0050983	-.009591	.0010233	-.003887	-.082736	-.001885

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165740BL Acquired: 12/24/2024 1:33:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS740 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.001338	-.000013	-.009148
Stddev	.004826	.000225	.003047
%RSD	360.7872	1791.778	33.30958
#1	-.000279	-.000100	-.012667
#2	-.006605	.000243	-.007403
#3	.002871	-.000181	-.007375

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.734	27226.62	2217.230	1794.186	1876.964
Stddev	16.258	75.20	14.793	5.518	13.643
%RSD	.7795037	.2761963	.6671881	.3075757	.7268576
#1	2104.326	27311.62	2202.395	1797.045	1892.661
#2	2074.179	27168.76	2217.313	1787.825	1870.260
#3	2078.699	27199.48	2231.981	1797.689	1867.969

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165740BS Acquired: 12/24/2024 1:37:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS740 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194646	.0450499	.0188642	.0597409	.1074041	.4107177
Stddev	.0032206	.0032447	.0008449	.0034624	.0013060	.0237184
%RSD	16.54595	7.202449	4.479008	5.795672	1.216006	5.774878
#1	.0216507	.0487096	.0189740	.0633272	.1081246	.4378268
#2	.0209769	.0439148	.0179697	.0594783	.1081912	.4005377
#3	.0157662	.0425252	.0196488	.0564173	.1058965	.3937886

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3831392	.0095417	.0094334	9.451467	.0194434	.0999822
Stddev	.0020007	.0002431	.0000903	.065701	.0005112	.0006739
%RSD	.5221875	2.547510	.9569270	.6951389	2.629319	.6740270
#1	.3811185	.0093341	.0093417	9.432351	.0189121	.0992351
#2	.3831799	.0098090	.0094364	9.397445	.0194862	.1001674
#3	.3851193	.0094819	.0095221	9.524607	.0199319	.1005442

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0514601	.1980625	.0316341	9.699988	.0754868	.0167178
Stddev	.0106176	.0096378	.0014234	.162663	.0006327	.0013443
%RSD	20.63269	4.866025	4.499583	1.676944	.8381534	8.041107
#1	.0636167	.1906278	.0301279	9.516839	.0747576	.0165255
#2	.0440044	.1946083	.0318175	9.827641	.0758897	.0181479
#3	.0467592	.2089514	.0329569	9.755484	.0758131	.0154800

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.562186	.0948255	.1158088	7.618661	.0206462	F -.008032
Stddev	1.168724	.0076215	.0112330	.168169	.0030992	.001638
%RSD	15.45484	8.037357	9.699575	2.207333	15.01101	20.39207
#1	8.685445	.0975091	.1219853	7.530290	.0176114	-.008972
#2	7.648346	.0862252	.1028429	7.513100	.0238060	-.008984
#3	6.352766	.1007422	.1225982	7.812592	.0205213	-.006141

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165740BS Acquired: 12/24/2024 1:37:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS740 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201454	.1734819	F .3695818	.0144456	.1911931	.1958770
Stddev	.0002990	.0020325	.0034943	.0016365	.0016585	.0000927
%RSD	1.484083	1.171576	.9454644	11.32879	.8674272	.0473077
#1	.0202461	.1713486	.3674972	.0154153	.1892892	.1958079
#2	.0203811	.1737015	.3736159	.0125561	.1919660	.1958408
#3	.0198091	.1753957	.3676324	.0153652	.1923240	.1959823

Elem	Li6707
Units	ppm
Avg	F .0177466
Stddev	.0073878
%RSD	41.62913
#1	.0124704
#2	.0145796
#3	.0261899

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.912	26880.42	2196.300	1766.114	1868.889
Stddev	4.927	124.23	13.571	7.993	5.098
%RSD	.2367486	.4621497	.6179160	.4525959	.2727770
#1	2078.850	26737.16	2201.805	1760.284	1867.748
#2	2086.535	26958.39	2180.841	1775.226	1874.461
#3	2077.352	26945.71	2206.253	1762.832	1864.458

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5015-02 Acquired: 12/24/2024 1:41:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK13 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003432	-.002429	-.000017	-.000861	-.001198	.0517208	.0007103
Stddev	.000972	.003171	.002285	.002867	.001977	.0301218	.0025547
%RSD	28.31662	130.5613	13822.42	333.0295	165.0825	58.23924	359.6504
#1	-.004509	-.002508	-.000220	-.003289	.001061	.0234050	-.000496
#2	-.003165	-.005559	.002363	.002302	-.002036	.0483863	-.001018
#3	-.002621	.000781	-.002193	-.001595	-.002618	.0833712	.003645

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000788	-.000008	.1210893	-.000351	-.000221	-.005093	.0166982
Stddev	.0000565	.000036	.0429334	.000957	.000450	.006289	.0434032
%RSD	71.61240	443.1262	35.45597	272.9062	203.1180	123.4750	259.9284
#1	.0000647	.000022	.1332765	-.001348	.000248	-.010490	.0577548
#2	.0000308	-.000047	.1566115	.000560	-.000263	-.006603	.0210617
#3	.0001410	.000001	.0733798	-.000264	-.000649	.001813	-.028722

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129821	.1294466	.0003047	-.001595	-1.04740	.0062304	-.011724
Stddev	.0010233	.0289599	.0005482	.001406	.64839	.0138129	.005832
%RSD	7.882014	22.37208	179.8911	88.11309	61.90413	221.7030	49.74287
#1	.0140686	.1610420	.0006825	.000011	-.57068	.0211972	-.014390
#2	.0128409	.1231342	.0005557	-.002195	-1.78572	-.006027	-.005036
#3	.0120367	.1041635	-.000324	-.002602	-.78581	.003521	-.015747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.45311	.0046746	-.005238	.0006603	.0581750	-.072133	-.001435
Stddev	.05762	.0010470	.002085	.0003554	.0029987	.001485	.001821
%RSD	1.668753	22.39673	39.80914	53.81559	5.154623	2.058395	126.9397
#1	-3.44485	.0058834	-.002882	.0002542	.0615665	-.072657	-.002853
#2	-3.51442	.0040835	-.006844	.0009140	.0570833	-.073285	.000619
#3	-3.40006	.0040568	-.005990	.0008129	.0558750	-.070457	-.002071

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5015-02 Acquired: 12/24/2024 1:41:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK13 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0039086	.0001949	-.026307
Stddev	.0035778	.0000560	.002833
%RSD	91.53682	28.75226	10.76900
#1	-.000036	.0002097	-.025047
#2	.004818	.0001329	-.029552
#3	.006944	.0002420	-.024323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2153.542	27969.05	2299.094	1846.402	1949.274
Stddev	11.388	132.53	65.846	7.161	9.871
%RSD	.5288099	.4738560	2.863986	.3878592	.5064096
#1	2164.984	28120.96	2303.184	1854.515	1958.208
#2	2153.434	27877.05	2362.800	1840.960	1950.937
#3	2142.208	27909.14	2231.299	1843.731	1938.677

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-21 Acquired: 12/24/2024 1:45:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057036	.0009469	-.000927	.0017850	-.000565	.0851878	.0012974
Stddev	.0037920	.0027678	.001944	.0010654	.000622	.0242490	.0007909
%RSD	66.48533	292.3146	209.7746	59.68450	110.1314	28.46533	60.96355
#1	.0100057	.0011692	-.000745	.0009196	-.000346	.0836829	.0011211
#2	.0028464	.0035969	.000920	.0029749	-.000081	.1101541	.0021615
#3	.0042587	-.001925	-.002955	.0014605	-.001266	.0617263	.0006095

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000540	-.000074	.1251497	-.001547	.0001868	.0002322	.0315439
Stddev	.0000536	.000049	.0340078	.000188	.0000481	.0024484	.0204904
%RSD	99.20695	65.88095	27.17373	12.14556	25.77549	1054.362	64.95828
#1	.0001106	-.000128	.0865208	-.001649	.0002408	.0030547	.0539631
#2	.0000474	-.000063	.1383495	-.001663	.0001713	-.001038	.0268831
#3	.0000040	-.000032	.1505788	-.001331	.0001484	-.001320	.0137854

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053356	.1119938	.0009578	-.001470	-1.38046	.0015921	.0088831
Stddev	.0018150	.0276292	.0004502	.000342	.63413	.0069746	.0164035
%RSD	34.01727	24.67030	47.00169	23.24653	45.93602	438.0638	184.6588
#1	.0041885	.0870186	.0009558	-.001094	-.66557	-.003687	.0078126
#2	.0043902	.1072897	.0014089	-.001762	-1.60070	-.001036	.0257956
#3	.0074282	.1416730	.0005086	-.001556	-1.87510	.009499	-.006959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.50996	.0104037	-.008049	.0003767	.0239399	-.067543	-.000566
Stddev	.09201	.0019184	.001614	.0002814	.0046934	.000304	.000908
%RSD	2.621286	18.43955	20.05762	74.70397	19.60493	.4501440	160.4610
#1	-3.58508	.0113822	-.008730	.0006037	.0292231	-.067196	-.000606
#2	-3.40734	.0116355	-.006205	.0000618	.0223443	-.067675	-.001453
#3	-3.53746	.0081933	-.009211	.0004646	.0202523	-.067760	.000361

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5033-21 Acquired: 12/24/2024 1:45:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0010037	.0002413	-.027453
Stddev	.0045311	.0001042	.004830
%RSD	451.4349	43.16353	17.59254
#1	.0041316	.0001216	-.023194
#2	-.004192	.0002913	-.026465
#3	.003072	.0003111	-.032700

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2129.492	28212.44	2216.365	1867.266	1926.065
Stddev	21.324	1019.99	14.754	73.241	17.411
%RSD	1.001368	3.615406	.6657069	3.922363	.9039619
#1	2125.588	27528.62	2230.728	1817.290	1920.550
#2	2152.499	27723.88	2217.120	1833.169	1945.566
#3	2110.390	29384.82	2201.247	1951.339	1912.081

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5059-20 Acquired: 12/24/2024 1:49:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007093	.0004251	-.001400	.0031490	-.001656	.0508114	.0003909
Stddev	.0016613	.0027887	.000659	.0003721	.002051	.0457754	.0012340
%RSD	234.2206	655.9779	47.07788	11.81776	123.8479	90.08874	315.6913
#1	-.000053	-.001657	-.002141	.0029256	-.001596	.0715645	.0016542
#2	-.000434	-.000661	-.001183	.0035786	.000364	.0825344	-.000812
#3	.002615	.003593	-.000877	.0029428	-.003735	-.001665	.000330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000319	-.000019	.0467782	.0002910	-.000215	-.002318	.0294987
Stddev	.0001292	.000035	.0117818	.0008227	.000050	.007165	.0284792
%RSD	405.5566	184.5093	25.18655	282.7824	23.22506	309.0678	96.54373
#1	-.000091	.000021	.0352591	.0010318	-.000261	.002338	-.003148
#2	.000167	-.000044	.0588062	-.000595	-.000222	-.010569	.049242
#3	.000019	-.000034	.0462692	.000436	-.000162	.001276	.042403

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026588	.1324405	.0026453	-.000558	-1.09704	.0095263	.0066393
Stddev	.0015131	.1174477	.0006028	.000565	.24096	.0088907	.0104226
%RSD	56.90954	88.67954	22.78884	101.0872	21.96426	93.32723	156.9831
#1	.0009388	.1064077	.0028606	-.000470	-1.05984	-.000739	.0158601
#2	.0037846	.0301935	.0031109	-.000043	-1.35444	.014793	.0087269
#3	.0032530	.2607204	.0019643	-.001162	-.87685	.014524	-.004669

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.46515	.0047688	-.007852	-.000009	-.001406	-.075548	-.002205
Stddev	.11424	.0009911	.002227	.000892	.003807	.000714	.001286
%RSD	3.296876	20.78234	28.36520	9575.617	270.7445	.9448729	58.28836
#1	-3.43460	.0036301	-.006832	.000467	-.003105	-.076172	-.003341
#2	-3.36929	.0054368	-.010406	-.001039	-.004069	-.075702	-.002466
#3	-3.59156	.0052395	-.006317	.000544	.002955	-.074770	-.000810

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5059-20 Acquired: 12/24/2024 1:49:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0010728	.0002721	-.027714
Stddev	.0080585	.0003534	.003643
%RSD	751.1434	129.8948	13.14409
#1	-.005141	.0005343	-.030250
#2	-.001819	.0004118	-.029352
#3	.010178	-.000130	-.023540

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2151.454	27891.83	2257.514	1843.521	1944.274
Stddev	5.814	194.65	71.087	12.119	7.430
%RSD	.2702341	.6978880	3.148908	.6573695	.3821358
#1	2157.958	28114.95	2229.463	1857.127	1952.276
#2	2149.644	27803.76	2338.347	1833.887	1942.952
#3	2146.761	27756.77	2204.733	1839.548	1937.594

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5059-21 Acquired: 12/24/2024 1:53:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011240	.0001325	-.002035	.0010023	-.001480	.0465843	.0008912
Stddev	.0116032	.0015545	.000821	.0018730	.002089	.0244077	.0005424
%RSD	1032.316	1173.359	40.37042	186.8731	141.1654	52.39475	60.86372
#1	-.003387	-.001662	-.001917	.0017234	.000908	.0504275	.0006533
#2	.014305	.001069	-.001278	.0024075	-.002971	.0688424	.0015119
#3	-.007546	.000990	-.002909	-.001124	-.002376	.0204830	.0005084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001227	.0000395	.0754278	-.001258	.0000844	-.004351	.0221573
Stddev	.0000994	.0000836	.0373090	.000504	.0004109	.007796	.0251641
%RSD	81.02098	211.4788	49.46323	40.07659	486.7595	179.1630	113.5702
#1	.0000081	.0000080	.1185073	-.001485	.0005328	-.006572	.0339513
#2	.0001861	.0001343	.0536023	-.000680	-.000005	-.010796	-.006738
#3	.0001740	-.000024	.0541738	-.001609	-.000274	.004314	.039258

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019164	-.032028	.0003228	-.000965	-.994659	.0060280	-.006748
Stddev	.0010647	.101687	.0004531	.001084	.081960	.0073050	.000992
%RSD	55.55869	317.4977	140.3849	112.3166	8.240045	121.1833	14.70503
#1	.0017155	-.022212	-.000021	-.001088	-1.06726	.0037844	-.007177
#2	.0009665	.064396	.000836	-.001983	-1.01093	.0141917	-.007453
#3	.0030673	-.138267	.000153	.000175	-.90578	.0001080	-.005613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.38996	.0021817	-.007200	-.000340	-.001491	-.070693	-.002010
Stddev	.16200	.0005605	.002087	.000545	.000518	.001594	.001419
%RSD	4.778822	25.69070	28.97945	160.4593	34.76439	2.255333	70.62128
#1	-3.45749	.0017275	-.004793	.000062	-.001293	-.068864	-.002055
#2	-3.20511	.0028081	-.008490	-.000960	-.002080	-.071429	-.000568
#3	-3.50726	.0020095	-.008318	-.000121	-.001101	-.071787	-.003406

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5059-21 Acquired: 12/24/2024 1:53:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0018266	.0004159	-.029430
Stddev	.0028559	.0002364	.002352
%RSD	156.3542	56.83402	7.991521
#1	.0005945	.0003525	-.029984
#2	.0050917	.0006776	-.031456
#3	-.000207	.0002177	-.026851

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2139.869	27634.24	2198.283	1824.914	1934.067
Stddev	5.907	335.35	21.348	20.550	4.269
%RSD	.2760414	1.213548	.9711409	1.126094	.2207038
#1	2140.396	27381.10	2221.536	1812.342	1933.611
#2	2133.716	27507.03	2179.569	1813.772	1930.045
#3	2145.495	28014.59	2193.743	1848.629	1938.545

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5092-20 Acquired: 12/24/2024 1:57:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012475	.0025984	-.001039	.0020798	-.001815	.0313244	.0014993
Stddev	.0069608	.0035985	.000755	.0032866	.001460	.0091225	.0008169
%RSD	557.9783	138.4903	72.70524	158.0235	80.46047	29.12249	54.48958
#1	-.000138	-.000810	-.001808	-.001569	-.001419	.0416083	.0005900
#2	.008797	.006361	-.000298	.004809	-.003433	.0281572	.0021714
#3	-.004916	.002244	-.001010	.002999	-.000594	.0242077	.0017364

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000132	-.000085	.0443032	-.001750	.0000284	.0033244	.0275875
Stddev	.0001023	.000099	.0422559	.000747	.0001255	.0137733	.0330439
%RSD	777.1361	115.6716	95.37894	42.69312	442.4336	414.3050	119.7785
#1	-.000027	-.000114	-.001856	-.000936	.0000908	-.006816	.0147618
#2	-.000063	-.000167	.081077	-.002404	-.000116	.019005	.0651215
#3	.000129	.000024	.053688	-.001909	.000110	-.002216	.0028792

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019783	.0194376	.0004062	-.001508	-1.24452	.0108344	-.006648
Stddev	.0010628	.0078952	.0003481	.000128	.66939	.0066165	.008649
%RSD	53.72435	40.61827	85.70332	8.466538	53.78679	61.06907	130.0929
#1	.0009624	.0114239	.0007742	-.001533	-.95649	.0045069	-.000010
#2	.0018899	.0272088	.0000821	-.001621	-.76737	.0102902	-.003506
#3	.0030826	.0196803	.0003624	-.001370	-2.00972	.0177062	-.016429

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.62395	.0050955	-.006870	.0002132	.0064060	-.078793	-.001997
Stddev	.07390	.0011608	.001428	.0004866	.0011586	.000737	.001254
%RSD	2.039158	22.77992	20.78134	228.2262	18.08668	.9353614	62.79698
#1	-3.59235	.0061945	-.005296	.0007745	.0061527	-.079611	-.001826
#2	-3.57110	.0052105	-.008081	-.000089	.0053950	-.078180	-.000838
#3	-3.70839	.0038816	-.007233	-.000045	.0076703	-.078588	-.003328

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5092-20 Acquired: 12/24/2024 1:57:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHM40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000050	.0001767	-.034079
Stddev	.004326	.0003052	.004056
%RSD	8719.701	172.7467	11.90039
#1	.002013	.0004581	-.031643
#2	.002859	.0002196	-.031834
#3	-.005021	-.000148	-.038761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2125.727	27715.24	2259.708	1838.503	1922.937
Stddev	11.249	169.92	20.750	5.204	9.241
%RSD	.5291701	.6130905	.9182397	.2830353	.4805814
#1	2138.532	27601.30	2245.215	1838.319	1933.592
#2	2121.206	27633.89	2283.478	1833.393	1918.118
#3	2117.441	27910.55	2250.432	1843.796	1917.102

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5132-21 Acquired: 12/24/2024 2:01:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000218	.0024138	-.003045	.0018157	-.000955	.0694758	.0001178
Stddev	.002037	.0022498	.002119	.0072139	.002163	.0073843	.0009998
%RSD	935.4077	93.20386	69.57958	397.3119	226.5089	10.62867	848.9271
#1	.000728	.0004134	-.000708	-.006323	.001150	.0644197	-.001020
#2	-.002556	.0048493	-.003586	.007420	-.003171	.0660579	.000855
#3	.001174	.0019786	-.004841	.004350	-.000843	.0779499	.000519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000121	-.000017	.0709031	-.001153	.0001253	-.002527	.0414868
Stddev	.000062	.000037	.0158506	.001126	.0003766	.003777	.0108945
%RSD	50.92509	214.6351	22.35529	97.67424	300.4953	149.4554	26.26002
#1	-.000051	-.000059	.0700215	-.002202	-.000290	-.000934	.0408920
#2	-.000169	.000015	.0871760	.000037	.000223	-.006840	.0526665
#3	-.000143	-.000009	.0555117	-.001295	.000444	.000192	.0309020

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029426	.1678181	.0007404	-.001662	-1.63866	.0063067	.0080453
Stddev	.0005991	.0793338	.0001794	.000285	.37945	.0086266	.0072583
%RSD	20.36094	47.27370	24.22835	17.16029	23.15576	136.7843	90.21826
#1	.0027530	.2525693	.0009073	-.001517	-1.67511	-.000617	.0160559
#2	.0036136	.1555555	.0005507	-.001478	-1.99857	.003567	.0061744
#3	.0024612	.0953296	.0007633	-.001990	-1.24231	.015971	.0019055

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.50253	.0020051	-.008390	-.000003	.0121246	-.082269	-.001951
Stddev	.11179	.0026162	.003647	.000298	.0057313	.000239	.001213
%RSD	3.191725	130.4791	43.47299	9876.541	47.26999	.2910366	62.15992
#1	-3.39004	.0039585	-.004245	-.000071	.0184399	-.082503	-.000623
#2	-3.61361	-.000967	-.009814	-.000261	.0072537	-.082024	-.002999
#3	-3.50394	.003024	-.011110	.000322	.0106802	-.082279	-.002231

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5132-21 Acquired: 12/24/2024 2:01:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHMN5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0004137	.0000926	-.031398
Stddev	.0022875	.0001638	.001204
%RSD	553.0077	176.9618	3.834318
#1	.0029928	.0001474	-.032782
#2	-.000382	.0002219	-.030593
#3	-.001370	-.000092	-.030819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.500	27440.07	2215.254	1817.428	1924.916
Stddev	9.700	71.60	16.300	6.020	5.998
%RSD	.4552840	.2609191	.7357963	.3312207	.3115942
#1	2119.635	27455.76	2232.078	1817.146	1918.802
#2	2133.573	27361.93	2214.149	1811.554	1925.154
#3	2138.291	27502.52	2199.534	1823.583	1930.791

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5200-15 Acquired: 12/24/2024 2:05:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004105	.0014180	-.001756	.0008796	-.000848	.0273913	.0007009
Stddev	.002772	.0019758	.002065	.0030836	.001424	.0060606	.0010951
%RSD	67.53247	139.3353	117.5932	350.5856	167.9769	22.12586	156.2559
#1	-.005049	.0036750	-.001873	-.001562	.000729	.0313944	.0019651
#2	-.000984	.0005782	.000365	.004345	-.001234	.0303609	.0000442
#3	-.006281	.0000009	-.003759	-.000145	-.002039	.0204187	.0000932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000627	-.000027	.0949169	-.002173	.0001755	.0011163	.0057297
Stddev	.0001107	.000108	.0024665	.000978	.0006477	.0071226	.0258908
%RSD	176.4209	403.7712	2.598591	45.00480	369.1164	638.0488	451.8666
#1	-.000010	-.000135	.0946296	-.003051	-.000561	.0070550	-.023027
#2	.000008	.000080	.0975145	-.002349	.000429	-.006781	.013028
#3	.000190	-.000026	.0926066	-.001119	.000658	.003074	.027188

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114714	.0658962	.0002220	-.000676	-1.27598	.0094126	-.009990
Stddev	.0011531	.0453948	.0001679	.001690	.56881	.0043383	.006078
%RSD	10.05202	68.88827	75.60617	249.9607	44.57849	46.09011	60.83933
#1	.0102576	.1011766	.0000775	-.001874	-1.91081	.0124917	-.009337
#2	.0125522	.0818292	.0001824	-.001410	-.81266	.0112952	-.004265
#3	.0116044	.0146829	.0004061	.001257	-1.10446	.0044511	-.016368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.40158	.0059661	-.007261	-.000272	.0455656	-.081078	-.001040
Stddev	.22761	.0020080	.002434	.000309	.0011047	.000466	.001677
%RSD	6.691213	33.65642	33.52042	113.7201	2.424384	.5742246	161.3695
#1	-3.18302	.0048899	-.006365	.000084	.0464992	-.080671	-.000864
#2	-3.38445	.0082828	-.010016	-.000432	.0443460	-.081586	.000543
#3	-3.63726	.0047257	-.005402	-.000467	.0458515	-.080977	-.002798

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5200-15 Acquired: 12/24/2024 2:05:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000112	.0001849	-.029888
Stddev	.005368	.0000983	.001102
%RSD	4812.940	53.15783	3.688179
#1	.005344	.0001973	-.029488
#2	-.000292	.0000810	-.029042
#3	-.005386	.0002763	-.031135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2166.388	28123.40	2258.140	1856.766	1960.126
Stddev	7.958	81.47	20.819	4.535	3.996
%RSD	.3673556	.2896704	.9219334	.2442627	.2038533
#1	2174.549	28216.52	2249.683	1861.371	1964.302
#2	2158.649	28088.34	2281.856	1856.623	1956.339
#3	2165.965	28065.33	2242.880	1852.304	1959.735

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV009 Acquired: 12/24/2024 2:09:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.804805	4.530642	23.25510	4.710683	4.831697	378.1683
Stddev	.008539	.012167	.04049	.010744	.016510	7.7892
%RSD	.1777233	.2685555	.1740943	.2280779	.3416961	2.059717
#1	4.798397	4.518104	23.20869	4.702985	4.831237	376.1008
#2	4.801520	4.542401	23.27342	4.706106	4.815422	371.6215
#3	4.814499	4.531420	23.28318	4.722957	4.848432	386.7827

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.524010	.4637434	2.358348	380.2233	14.91048	2.449232
Stddev	.195868	.0088065	.003249	8.1597	.03927	.003627
%RSD	2.056566	1.899013	.1377558	2.146038	.2633842	.1480881
#1	9.500994	.4643928	2.354625	376.8424	14.94127	2.445049
#2	9.340667	.4546302	2.359811	374.2974	14.92391	2.451137
#3	9.730369	.4722073	2.360608	389.5300	14.86625	2.451510

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.02251	379.6799	13.95303	374.8157	2.352369	1.185032
Stddev	.33449	7.9627	.26709	7.6194	.004661	.000943
%RSD	2.385354	2.097204	1.914203	2.032839	.1981415	.0795903
#1	13.86687	378.5988	13.90101	373.3244	2.347297	1.184611
#2	13.79421	372.3130	13.71578	368.0523	2.353346	1.186113
#3	14.40646	388.1279	14.24231	383.0706	2.356464	1.184374

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	366.0467	2.346132	14.38852	137.7690	4.669209	4.657432
Stddev	8.0229	.046017	.14290	2.9126	.011513	.085278
%RSD	2.191774	1.961381	.9931616	2.114150	.2465711	1.831012
#1	366.6424	2.341223	14.22353	136.6505	4.658926	4.666483
#2	357.7425	2.302766	14.46855	135.5814	4.681647	4.567989
#3	373.7551	2.394406	14.47346	141.0751	4.667054	4.737823

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV009 Acquired: 12/24/2024 2:09:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.689230	4.792282	F 4.478529	4.714813	4.698855	4.541948
Stddev	.013511	.011904	.067805	.008984	.103787	.102117
%RSD	.2881214	.2483944	1.514002	.1905492	2.208779	2.248309
#1	4.692092	4.783097	4.490696	4.708828	4.638841	4.474983
#2	4.674518	4.805731	4.405464	4.710467	4.639027	4.491379
#3	4.701081	4.788019	4.539427	4.725144	4.818699	4.659482

Elem	Li6707
Units	ppm
Avg	4.660582
Stddev	.104556
%RSD	2.243421
#1	4.634284
#2	4.571684
#3	4.775776

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1804.495	24362.56	2148.404	1516.467	1577.041
Stddev	3.119	118.39	34.596	6.302	3.673
%RSD	.1728614	.4859422	1.610330	.4155974	.2328839
#1	1800.955	24275.80	2139.682	1513.362	1575.466
#2	1805.687	24314.44	2186.527	1512.320	1574.419
#3	1806.842	24497.42	2119.004	1523.719	1581.239

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB009 Acquired: 12/24/2024 2:12:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003135	.0000976	.0014948	.0049593	.0009014	.0378657	-.001161
Stddev	.0054124	.0033465	.0021914	.0057119	.0012564	.0203309	.000634
%RSD	1726.345	3429.116	146.6069	115.1756	139.3718	53.69221	54.59132
#1	-.004757	-.003148	.0039774	.0065527	-.000376	.0576521	-.000724
#2	-.000316	.003536	.0006775	-.001380	.000945	.0389140	-.001888
#3	.006013	-.000095	-.000171	.009705	.002135	.0170309	-.000871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000082	.0000377	-.010419	-.000517	-.000243	.0067482	.0047304
Stddev	.000036	.0000615	.023081	.000770	.000216	.0054812	.0352168
%RSD	43.70318	163.1740	221.5246	148.8884	88.88092	81.22515	744.4715
#1	-.000097	.0001059	-.015182	.000153	.000004	.0114717	.0125691
#2	-.000041	-.000014	.014672	-.001357	-.000338	.0007381	.0353675
#3	-.000108	.000021	-.030748	-.000346	-.000395	.0080347	-.033745

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022102	.1103900	.0001331	-.000378	-1.41989	.0006643	-.008125
Stddev	.0021031	.0593036	.0003734	.000656	.63457	.0113824	.008493
%RSD	95.15456	53.72190	280.5748	173.7746	44.69171	1713.446	104.5258
#1	.0045080	.0617982	.0001121	-.001047	-.78574	.0109613	.000324
#2	.0017416	.0929001	.0005165	.000264	-1.41904	-.011558	-.016661
#3	.0003809	.1764716	-.000229	-.000350	-2.05488	.002590	-.008038

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.19875	.0018202	.0040618	.0004299	-.001459	-.085352	.0007712
Stddev	.07279	.0008332	.0015898	.0006447	.000671	.000435	.0007330
%RSD	6.072006	45.77456	39.14086	149.9608	45.97639	.5098779	95.04212
#1	-1.17875	.0014381	.0041327	.0010452	-.001422	-.085470	.0015310
#2	-1.27945	.0027758	.0056151	-.000241	-.002148	-.085716	.0007143
#3	-1.13806	.0012465	.0024377	.000485	-.000808	-.084870	.0000683

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB009 Acquired: 12/24/2024 2:12:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0015015	.0003455	.0008044
Stddev	.0041247	.0001822	.0039727
%RSD	274.7036	52.72826	493.8743
#1	.0060152	.0002527	-.003577
#2	.0005613	.0002284	.001819
#3	-.002072	.0005554	.004171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2087.382	27121.33	2215.069	1789.370	1877.238
Stddev	11.381	43.00	35.452	11.915	10.034
%RSD	.5452390	.1585535	1.600475	.6658673	.5345253
#1	2092.026	27081.80	2255.992	1779.406	1876.311
#2	2095.707	27115.07	2195.498	1786.137	1887.703
#3	2074.413	27167.11	2193.716	1802.568	1867.699

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5212-09 Acquired: 12/24/2024 2:16:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007123	.0016515	.0006257	.0039527	.0001328	.0360407	.0010864
Stddev	.005528	.0024465	.0008406	.0023032	.0040180	.0047740	.0009696
%RSD	77.61102	148.1334	134.3443	58.26823	3026.596	13.24619	89.25076
#1	-.010332	.0022244	.0015789	.0042360	.0019390	.0344482	.0004763
#2	-.000740	-.001031	-.000009	.0015210	.0029306	.0322664	.0022045
#3	-.010296	.003761	.000307	.0061011	-.004471	.0414074	.0005784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000193	.0000097	.1080172	-.000468	.0002716	-.001894	.0392977
Stddev	.0001712	.0000879	.0151437	.000669	.0004221	.000354	.0234778
%RSD	886.1486	907.3747	14.01968	142.9445	155.4120	18.66700	59.74349
#1	-.000141	-.000089	.0905678	-.001070	.0006309	-.001711	.0248436
#2	.000199	.000038	.1157571	.000253	-.000193	-.002302	.0663872
#3	.000000	.000080	.1177266	-.000588	.000377	-.001669	.0266623

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153258	.0841974	.0006182	-.001668	-.999545	.0005385	.0194215
Stddev	.0030359	.0748437	.0001870	.000219	.631269	.0111944	.0192660
%RSD	2.632467	88.89075	30.24755	13.11921	63.15563	2078.847	99.19930
#1	.1118210	.0280091	.0005664	-.001911	-.659420	-.012191	.0385918
#2	.1170160	.1691575	.0004626	-.001608	-.611274	.008847	.0196113
#3	.1171405	.0554256	.0008257	-.001486	-1.72794	.004960	.0000613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.49906	.0048947	-.006422	-.000053	.0276683	-.078987	-.001462
Stddev	.10379	.0014742	.000932	.000264	.0074013	.001208	.000083
%RSD	2.966358	30.11872	14.51899	496.3732	26.75004	1.529195	5.681931
#1	-3.39567	.0059568	-.006938	-.000325	.0331566	-.079976	-.001507
#2	-3.49825	.0032116	-.006982	.000201	.0192507	-.079345	-.001367
#3	-3.60326	.0055157	-.005346	-.000035	.0305976	-.077641	-.001514

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5212-09 Acquired: 12/24/2024 2:16:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHNJ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000181	.0002110	-.029308
Stddev	.002842	.0004677	.001665
%RSD	1572.356	221.6655	5.679807
#1	.002701	.0006233	-.030965
#2	-.000263	-.000297	-.029324
#3	-.002981	.000307	-.027636

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2133.008	27881.39	2232.092	1843.993	1931.714
Stddev	10.188	363.52	16.375	27.513	9.037
%RSD	.4776476	1.303811	.7336011	1.492017	.4678002
#1	2144.450	27553.31	2237.465	1819.136	1941.443
#2	2129.657	27818.67	2245.105	1839.288	1930.118
#3	2124.917	28272.19	2213.706	1873.555	1923.583

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165669BL Acquired: 12/24/2024 2:20:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW669 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006480	-.003453	.0000050	.0066262	.0010748	.0114452	.0002685
Stddev	.0030994	.001731	.0027824	.0036875	.0022057	.0178562	.0006039
%RSD	478.3273	50.13386	55189.54	55.65045	205.2266	156.0149	224.8756
#1	-.001077	-.004935	.0020095	.0085545	.0004414	.0002413	.0009450
#2	.004226	-.001550	.0011774	.0023743	-.000745	.0320371	.0000767
#3	-.001205	-.003873	-.003172	.0089497	.003528	.0020572	-.000216

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000040	-.000099	-.069541	-.000072	-.000596	.0075376	.0177024
Stddev	.0001148	.000152	.036578	.000549	.000281	.0040464	.0356045
%RSD	2882.387	153.7991	52.59966	766.9488	47.22703	53.68268	201.1282
#1	-.000101	.000012	-.083961	.000278	-.000329	.0034477	-.000597
#2	.000126	-.000272	-.027950	-.000705	-.000890	.0115391	.058735
#3	-.000013	-.000036	-.096712	.000212	-.000568	.0076260	-.005031

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004561	.0566678	-.000181	-.000805	-1.66539	.0024388	-.020268
Stddev	.0010731	.1164588	.000635	.000490	.43957	.0038285	.015952
%RSD	235.2810	205.5116	351.7222	60.88996	26.39459	156.9865	78.70452
#1	.0014999	.1590704	.000550	-.000581	-1.78393	.0066816	-.020391
#2	.0005124	-.070018	-.000600	-.000466	-1.17870	-.000758	-.004255
#3	-.000644	.080951	-.000491	-.001366	-2.03354	.001393	-.036159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.27294	.0026658	-.004599	.0002988	-.003975	-.085313	.0001790
Stddev	.05394	.0013307	.000513	.0007579	.001365	.000552	.0005565
%RSD	4.237481	49.91745	11.14598	253.6909	34.33183	.6469755	310.8889
#1	-1.32260	.0038763	-.004775	-.000501	-.002412	-.085947	-.000385
#2	-1.28066	.0012409	-.004021	.000390	-.004928	-.085056	.000728
#3	-1.21555	.0028802	-.005000	.001007	-.004584	-.084937	.000194

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165669BL Acquired: 12/24/2024 2:20:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW669 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0004027	-.000036	-.010544
Stddev	.0029993	.000090	.004969
%RSD	744.7976	247.7454	47.12761
#1	.0034917	-.000140	-.007691
#2	.0002146	.000025	-.007660
#3	-.002498	.000006	-.016282

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2064.784	26654.63	2202.009	1757.366	1853.916
Stddev	1.429	149.81	29.853	5.218	1.422
%RSD	.0692151	.5620268	1.355731	.2969152	.0766918
#1	2066.340	26622.81	2184.344	1753.884	1852.275
#2	2063.530	26523.30	2236.477	1754.850	1854.797
#3	2064.483	26817.80	2185.205	1763.366	1854.674

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165669BS Acquired: 12/24/2024 2:24:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS669 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0152195	.0489197	.0191665	.0659026	.1114880	.4312850
Stddev	.0048493	.0025991	.0011314	.0021485	.0002573	.0103752
%RSD	31.86258	5.312957	5.902836	3.260033	.2307618	2.405654
#1	.0120819	.0491975	.0194290	.0649850	.1114742	.4333691
#2	.0208049	.0513688	.0201435	.0643654	.1112379	.4404599
#3	.0127718	.0461929	.0179269	.0683575	.1117519	.4200259

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3855528	.0095467	.0098118	9.457224	.0198666	.1025417
Stddev	.0039801	.0000726	.0000530	.015549	.0002940	.0005396
%RSD	1.032307	.7601225	.5398649	.1644166	1.479643	.5261853
#1	.3821286	.0096127	.0097850	9.459895	.0195485	.1027679
#2	.3846103	.0094690	.0098728	9.471264	.0201283	.1019259
#3	.3899196	.0095584	.0097775	9.440512	.0199228	.1029314

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509617	.1775923	.0315373	9.670348	.0774869	.0176088
Stddev	.0094728	.0340338	.0015883	.180995	.0002238	.0012530
%RSD	18.58812	19.16401	5.036293	1.871646	.2888741	7.115801
#1	.0564447	.1911015	.0308945	9.466641	.0774135	.0165537
#2	.0400234	.2027975	.0303712	9.731750	.0773089	.0189937
#3	.0564169	.1388780	.0333463	9.812655	.0777382	.0172790

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.654004	.1072196	.1242808	7.869432	.0203605	F -.003904
Stddev	.713281	.0117020	.0095614	.156428	.0012996	.001768
%RSD	9.319062	10.91404	7.693418	1.987790	6.382912	45.28036
#1	8.201775	.1173496	.1143069	7.688967	.0212323	-.002615
#2	7.912783	.1098989	.1251673	7.966282	.0209824	-.003177
#3	6.847455	.0944103	.1333681	7.953049	.0188668	-.005919

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: PB165669BS Acquired: 12/24/2024 2:24:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS669 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0201906	.1782746	F .3631769	.0132089	.1905359	.1967343
Stddev	.0002415	.0027946	.0050880	.0018619	.0038427	.0011940
%RSD	1.196327	1.567601	1.400964	14.09544	2.016809	.6068895
#1	.0203992	.1773726	.3606020	.0127888	.1870219	.1956763
#2	.0199259	.1760423	.3598911	.0115930	.1899465	.1964978
#3	.0202467	.1814088	.3690377	.0152449	.1946393	.1980288

Elem	Li6707
Units	ppm
Avg	F .0176270
Stddev	.0072946
%RSD	41.38289
#1	.0148413
#2	.0121358
#3	.0259040

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.537	26959.92	2230.356	1780.534	1857.381
Stddev	1.408	87.03	17.665	8.231	3.258
%RSD	.0682835	.3228253	.7920451	.4622601	.1754328
#1	2061.828	27001.09	2242.402	1783.187	1855.424
#2	2061.624	26859.94	2238.589	1771.304	1855.577
#3	2064.159	27018.73	2210.077	1787.111	1861.143

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-01 Acquired: 12/24/2024 2:28:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1814190	-.066427	3.658679	.1006282	.0440911	57.03467
Stddev	.0039739	.002888	.012982	.0020128	.0033624	.17476
%RSD	2.190463	4.348069	.3548326	2.000212	7.626106	.3064188
#1	.1843733	-.063215	3.647060	.1002127	.0479270	57.19422
#2	.1829824	-.067256	3.656285	.1028163	.0416536	57.06189
#3	.1769011	-.068811	3.672691	.0988557	.0426925	56.84788

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532626	.0079856	.0108310	67.74964	.1736756	.1041110
Stddev	.005694	.0000575	.0001031	.29737	.0019627	.0005117
%RSD	.3715448	.7199980	.9516935	.4389308	1.130071	.4914950
#1	1.535308	.0080018	.0107964	68.02814	.1717338	.1046577
#2	1.536484	.0080332	.0107496	67.78434	.1756585	.1040316
#3	1.526086	.0079217	.0109469	67.43644	.1736343	.1036436

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4642450	194.3591	8.911077	25.15663	.1918102	-.002911
Stddev	.0027666	.1183	.019254	.05858	.0003964	.000413
%RSD	.5959463	.0608822	.2160689	.2328500	.2066777	14.20137
#1	.4616271	194.4599	8.931126	25.22115	.1915895	-.003276
#2	.4671396	194.3885	8.909374	25.14196	.1915733	-.002996
#3	.4639684	194.2288	8.892731	25.10678	.1922679	-.002462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.832210	.1741368	2.174916	6.447103	F 11.89284	.0546918
Stddev	.027828	.0138209	.023291	.117123	.04847	.0025532
%RSD	3.343898	7.936809	1.070898	1.816680	.4075781	4.668284
#1	-.833945	.1608287	2.148158	6.575844	11.85634	.0520197
#2	-.803555	.1884190	2.190639	6.418610	11.87434	.0571065
#3	-.859130	.1731627	2.185951	6.346856	11.94783	.0549492

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-01 Acquired: 12/24/2024 2:28:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115099	4.391134	4.841460	.1156864	.7103710	.0072420
Stddev	.0004538	.019861	.042343	.0014598	.0066131	.0011692
%RSD	3.942945	.4523077	.8745906	1.261865	.9309355	16.14470
#1	.0111240	4.372554	4.884435	.1140258	.7146937	.0084367
#2	.0120099	4.388781	4.840168	.1167677	.7027581	.0061001
#3	.0113958	4.412067	4.799778	.1162656	.7136611	.0071891

Elem	Li6707
Units	ppm
Avg	.0791350
Stddev	.0048948
%RSD	6.185350
#1	.0755445
#2	.0771500
#3	.0847104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.386	32784.10	2750.789	2168.401	1887.497
Stddev	.999	162.39	17.978	9.723	2.729
%RSD	.0391363	.4953396	.6535754	.4484090	.1445652
#1	2551.216	32964.70	2732.519	2179.462	1889.481
#2	2550.484	32650.10	2751.387	2161.200	1888.625
#3	2552.459	32737.50	2768.461	2164.542	1884.385

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-02 Acquired: 12/24/2024 2:32:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1519557	-.045851	3.396114	.0709878	.0298856	52.93566
Stddev	.0067091	.005498	.007497	.0022369	.0010424	.26318
%RSD	4.415193	11.99075	.2207445	3.151104	3.487840	.4971622
#1	.1456458	-.039507	3.395508	.0686144	.0300326	52.65487
#2	.1590031	-.048820	3.388939	.0712920	.0308466	52.97540
#3	.1512179	-.049227	3.403896	.0730571	.0287775	53.17670

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.491319	.0072057	.0097571	71.32608	.1565363	.1028406
Stddev	.010513	.0000467	.0000494	.26646	.0003703	.0008043
%RSD	.7049488	.6486836	.5064882	.3735827	.2365385	.7820710
#1	1.480325	.0071575	.0097205	71.02697	.1561089	.1020061
#2	1.492358	.0072508	.0097376	71.41320	.1567401	.1029048
#3	1.501274	.0072088	.0098134	71.53808	.1567599	.1036108

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5420780	143.5688	8.391354	20.99999	.1826895	-.001944
Stddev	.0046191	.6334	.053397	.05460	.0008890	.000484
%RSD	.8521200	.4411942	.6363289	.2600125	.4866455	24.91652
#1	.5439223	142.8760	8.330709	20.95383	.1836961	-.002403
#2	.5368216	144.1183	8.412042	21.06027	.1820117	-.001437
#3	.5454900	143.7121	8.431310	20.98589	.1823607	-.001992

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.28466	.1813910	2.040353	5.405766	F 10.71606	.0464663
Stddev	.40789	.0111410	.010657	.128854	.02131	.0025834
%RSD	31.75090	6.141992	.5223056	2.383631	.1988227	5.559658
#1	-1.64569	.1717355	2.052569	5.319370	10.71469	.0471476
#2	-1.36610	.1788566	2.032959	5.344059	10.69547	.0486408
#3	-.84220	.1935808	2.035532	5.553869	10.73802	.0436106

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-02 Acquired: 12/24/2024 2:32:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093820	4.881582	4.750738	.1006626	.8676968	.0575777
Stddev	.0002078	.010979	.028580	.0022224	.0034281	.0007057
%RSD	2.215118	.2249079	.6015984	2.207809	.3950838	1.225712
#1	.0093943	4.893764	4.717955	.1016816	.8652450	.0580721
#2	.0095834	4.872452	4.770415	.0981133	.8662312	.0567695
#3	.0091683	4.878530	4.763845	.1021928	.8716141	.0578915

Elem	Li6707
Units	ppm
Avg	.0685161
Stddev	.0020593
%RSD	3.005550
#1	.0688345
#2	.0703976
#3	.0663161

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.787	32370.50	2671.516	2138.476	1878.719
Stddev	1.504	126.50	16.331	15.058	3.176
%RSD	.0597056	.3907945	.6113025	.7041602	.1690501
#1	2520.547	32455.71	2689.516	2148.810	1880.380
#2	2520.760	32430.64	2657.649	2145.419	1880.721
#3	2518.054	32225.14	2667.382	2121.199	1875.057

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-03 Acquired: 12/24/2024 2:36:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1564373	-.042817	2.357358	.0769341	.0374060	69.35433
Stddev	.0033419	.004293	.003718	.0011790	.0042475	.70103
%RSD	2.136236	10.02678	.1577161	1.532523	11.35506	1.010797
#1	.1595514	-.043504	2.356766	.0757189	.0343869	68.54524
#2	.1529067	-.038221	2.353971	.0770102	.0355681	69.78047
#3	.1568538	-.046725	2.361336	.0780733	.0422629	69.73729

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651652	.0075493	.0092611	121.9635	.1542005	.1267099
Stddev	.014478	.0000718	.0000205	.9929	.0004824	.0003423
%RSD	.8765694	.9517848	.2214670	.8140612	.3128242	.2701763
#1	1.634943	.0076196	.0092807	120.8277	.1544803	.1269897
#2	1.659544	.0075524	.0092398	122.3960	.1536435	.1263282
#3	1.660469	.0074760	.0092630	122.6667	.1544777	.1268120

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3502401	167.7936	11.53853	30.88319	.1835290	-.002178
Stddev	.0072788	1.6621	.09408	.22324	.0010551	.000949
%RSD	2.078235	.9905525	.8153693	.7228494	.5748850	43.57485
#1	.3459318	165.8758	11.43074	30.63540	.1823116	-.002061
#2	.3586440	168.6890	11.60413	30.94554	.1840986	-.001293
#3	.3461444	168.8160	11.58072	31.06862	.1841769	-.003181

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.52273	.1820292	1.517998	6.451144	F 13.81623	.0452319
Stddev	.41114	.0040358	.022204	.086824	.03390	.0058236
%RSD	27.00024	2.217128	1.462725	1.345868	.2453525	12.87487
#1	-1.06360	.1821256	1.504733	6.362758	13.81254	.0425014
#2	-1.85687	.1860159	1.505628	6.536317	13.78432	.0412753
#3	-1.64773	.1779460	1.543632	6.454359	13.85182	.0519190

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-03 Acquired: 12/24/2024 2:36:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081411	2.770434	5.166781	.0782951	.6990494	.0630723
Stddev	.0007632	.015457	.015056	.0017630	.0079485	.0007999
%RSD	9.374174	.5579232	.2913995	2.251804	1.137042	1.268173
#1	.0072624	2.765800	5.150936	.0770654	.6902195	.0622640
#2	.0085220	2.757824	5.180898	.0775048	.7056329	.0630893
#3	.0086387	2.787678	5.168508	.0803150	.7012957	.0638635

Elem	Li6707
Units	ppm
Avg	.0912565
Stddev	.0032524
%RSD	3.564038
#1	.0896837
#2	.0949964
#3	.0890895

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2742.558	35164.22	2939.359	2328.602	1862.529
Stddev	5.472	54.89	10.274	2.829	4.633
%RSD	.1995194	.1560835	.3495216	.1215013	.2487666
#1	2743.036	35173.63	2950.098	2325.940	1864.304
#2	2747.775	35213.79	2929.624	2331.574	1866.013
#3	2736.863	35105.24	2938.356	2328.292	1857.271

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-04 Acquired: 12/24/2024 2:40:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147778	-.042966	.9907974	.0793774	.0324535	66.44937
Stddev	.0057667	.004475	.0020959	.0012574	.0025116	.03555
%RSD	5.024203	10.41635	.2115327	1.584047	7.738928	.0534928
#1	.1194312	-.045440	.9884491	.0783593	.0340346	66.44150
#2	.1083263	-.037800	.9914647	.0807829	.0337685	66.41842
#3	.1165758	-.045658	.9924783	.0789902	.0295575	66.48819

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.807123	.0071426	.0077041	55.49463	.1168556	.1147962
Stddev	.002850	.0001007	.0001443	.13314	.0001812	.0005430
%RSD	.1576993	1.410213	1.872534	.2399109	.1551086	.4729770
#1	1.803968	.0072492	.0075387	55.41299	.1169288	.1146808
#2	1.807888	.0071293	.0078038	55.64826	.1169888	.1143202
#3	1.809512	.0070491	.0077699	55.42264	.1166492	.1153876

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1994297	160.4633	13.16162	20.36569	.1565971	-.001871
Stddev	.0015062	.3837	.01431	.10313	.0003984	.001132
%RSD	.7552392	.2391188	.1087133	.5063892	.2544037	60.50043
#1	.2010490	160.8693	13.15949	20.29060	.1561642	-.002145
#2	.1991694	160.1067	13.14850	20.32319	.1569483	-.002841
#3	.1980706	160.4140	13.17688	20.48328	.1566789	-.000627

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.24840	.1678823	1.154580	6.783290	F 18.52959	.0408450
Stddev	.77087	.0034698	.008910	.042080	.02903	.0023268
%RSD	61.74811	2.066830	.7716968	.6203504	.1566626	5.696629
#1	-.35977	.1718792	1.161180	6.800337	18.50341	.0428938
#2	-1.73720	.1656422	1.158115	6.735361	18.52456	.0383153
#3	-1.64824	.1661255	1.144445	6.814172	18.56081	.0413259

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-04 Acquired: 12/24/2024 2:40:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLM9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108840	2.269969	5.186741	.0896842	.5243216	.0702075
Stddev	.0001650	.003755	.032123	.0030060	.0024157	.0013244
%RSD	1.515723	.1654074	.6193293	3.351729	.4607285	1.886399
#1	.0109671	2.272939	5.161852	.0920934	.5216478	.0693115
#2	.0109908	2.265749	5.175369	.0863157	.5263467	.0717288
#3	.0106940	2.271219	5.223004	.0906437	.5249705	.0695823

Elem	Li6707
Units	ppm
Avg	.0841192
Stddev	.0030745
%RSD	3.654925
#1	.0868620
#2	.0846996
#3	.0807958

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2718.892	34866.38	2914.877	2307.557	1880.479
Stddev	6.080	91.65	16.358	6.201	4.643
%RSD	.2236380	.2628733	.5612028	.2687370	.2469026
#1	2724.823	34839.32	2930.383	2300.518	1884.721
#2	2719.181	34791.31	2916.467	2309.940	1881.199
#3	2712.673	34968.52	2897.782	2312.214	1875.519

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-05 Acquired: 12/24/2024 2:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1255143	-.059489	.3683649	.0873637	.0352818	69.72223
Stddev	.0008784	.006384	.0020552	.0011525	.0027868	.42110
%RSD	.6998151	10.73115	.5579137	1.319236	7.898568	.6039686
#1	.1264895	-.066387	.3664423	.0883452	.0339087	69.60731
#2	.1247853	-.053789	.3681214	.0876512	.0384887	69.37053
#3	.1252681	-.058291	.3705309	.0860946	.0334481	70.18887

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.310175	.0074136	.0044098	39.68095	.1146086	.1129542
Stddev	.006183	.0000437	.0000411	.24325	.0009458	.0001487
%RSD	.4719261	.5899772	.9316175	.6130111	.8252683	.1316032
#1	1.305516	.0074400	.0044558	39.56482	.1135654	.1130083
#2	1.307820	.0074376	.0043768	39.51753	.1148503	.1127861
#3	1.317190	.0073631	.0043968	39.96050	.1154101	.1130683

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1457999	171.2629	8.789979	21.73711	.1427014	-.003186
Stddev	.0024616	1.1421	.045300	.18466	.0002903	.001083
%RSD	1.688328	.6668727	.5153568	.8495323	.2034264	33.99262
#1	.1485969	171.1246	8.783444	21.64741	.1427595	-.002032
#2	.1439631	170.1962	8.748302	21.61442	.1429583	-.004181
#3	.1448397	172.4678	8.838192	21.94949	.1423865	-.003344

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.11171	.1454949	.6484280	5.939914	F 11.90514	.0398871
Stddev	.23088	.0014470	.0058800	.074901	.02079	.0021055
%RSD	20.76800	.9945464	.9068075	1.260972	.1746171	5.278576
#1	-1.02710	.1441527	.6531842	5.911472	11.89340	.0382935
#2	-1.37296	.1453043	.6502461	5.883400	11.89289	.0390938
#3	-.93507	.1470278	.6418537	6.024869	11.92915	.0422740

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-05 Acquired: 12/24/2024 2:44:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038772	1.178390	5.100555	.0274351	.5640051	-.039813
Stddev	.0004384	.009193	.034384	.0013572	.0052302	.000321
%RSD	11.30801	.7801689	.6741213	4.947048	.9273373	.8057587
#1	.0034091	1.170047	5.135826	.0289717	.5585341	-.040181
#2	.0042782	1.176879	5.067133	.0263997	.5645253	-.039590
#3	.0039442	1.188246	5.098706	.0269341	.5689557	-.039669

Elem	Li6707
Units	ppm
Avg	.0828370
Stddev	.0037932
%RSD	4.579159
#1	.0833351
#2	.0788193
#3	.0863566

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2791.145	35900.47	2982.950	2378.552	1875.828
Stddev	3.998	91.81	10.975	4.351	2.958
%RSD	.1432321	.2557410	.3679345	.1829095	.1577006
#1	2794.592	36000.97	2973.927	2383.510	1879.146
#2	2786.762	35879.46	2995.168	2376.772	1874.872
#3	2792.080	35821.00	2979.754	2375.374	1873.466

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-06 Acquired: 12/24/2024 2:48:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994644	-.032416	.6170715	.0578071	.0338184	55.81672	1.308845
Stddev	.0005078	.004612	.0066842	.0003967	.0021514	.07094	.000907
%RSD	.5105038	14.22636	1.083217	.6862935	6.361496	.1270911	.0692623
#1	.0996571	-.027511	.6093650	.0579786	.0332077	55.76098	1.308473
#2	.0998477	-.036663	.6205567	.0580892	.0320384	55.89657	1.309878
#3	.0988885	-.033074	.6212929	.0573535	.0362091	55.79261	1.308183

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060389	.0051726	439.5818	.1103535	.1225737	.1628669	162.8778
Stddev	.0001510	.0000759	.9686	.0035992	.0007385	.0060433	.2626
%RSD	2.500816	1.467933	.2203397	3.261536	.6024930	3.710555	.1612534
#1	.0061143	.0051197	438.8331	.1144341	.1229616	.1697474	163.1691
#2	.0061373	.0051384	440.6756	.1076307	.1217221	.1604338	162.8053
#3	.0058650	.0052596	439.2366	.1089957	.1230375	.1584194	162.6590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.37545	54.54105	.1570646	-.002821	-1.55819	.1487404	.7201393
Stddev	.00116	.12884	.0005735	.000605	.77811	.0059340	.0092809
%RSD	.0093534	.2362171	.3651414	21.45296	49.93676	3.989536	1.288761
#1	12.37627	54.42510	.1566756	-.002866	-.81296	.1436354	.7251013
#2	12.37412	54.51830	.1567949	-.003404	-1.49614	.1552511	.7094322
#3	12.37594	54.67974	.1577232	-.002195	-2.36547	.1473347	.7258844

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.567871	8.749396	.0594579	.0052480	1.403163	4.766345	.0334204
Stddev	.165195	.021280	.0007452	.0003237	.009125	.066122	.0020422
%RSD	2.182843	.2432199	1.253387	6.168304	.6503478	1.387265	6.110634
#1	7.748547	8.749427	.0599072	.0056208	1.403031	4.788405	.0351802
#2	7.530510	8.728100	.0598688	.0050381	1.394105	4.818616	.0311811
#3	7.424557	8.770661	.0585976	.0050852	1.412354	4.692013	.0338999

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-06 Acquired: 12/24/2024 2:48:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6031078	.4000081	.0774365
Stddev	.0062721	.0023867	.0037617
%RSD	1.039955	.5966566	4.857827
#1	.5975552	.3982668	.0798074
#2	.6099109	.4027287	.0794031
#3	.6018573	.3990290	.0730991

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.128	31267.02	2707.334	2055.173	1727.650
Stddev	5.527	735.92	19.294	58.076	4.426
%RSD	.2250481	2.353675	.7126603	2.825847	.2561969
#1	2459.342	30438.43	2702.195	1990.409	1727.449
#2	2459.297	31844.58	2691.131	2102.621	1732.174
#3	2449.746	31518.07	2728.678	2072.490	1723.328

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-07 Acquired: 12/24/2024 2:51:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0845665	-.065479	.2508197	.0805478	.0449474	69.96337	.5740051
Stddev	.0077766	.003596	.0009230	.0019601	.0001796	.84416	.0073300
%RSD	9.195844	5.491800	.3679901	2.433505	.3995360	1.206579	1.276983
#1	.0755934	-.061785	.2514839	.0827340	.0451257	69.25164	.5684977
#2	.0893494	-.068968	.2497658	.0799624	.0447666	69.74244	.5711928
#3	.0887568	-.065684	.2512094	.0789471	.0449500	70.89603	.5823247

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080037	.0033036	244.7490	.1303876	.1309421	.1691527	203.4685
Stddev	.0001007	.0001640	2.6984	.0003921	.0006312	.0025474	2.1255
%RSD	1.257940	4.963094	1.102521	.3007088	.4820381	1.505987	1.044651
#1	.0081054	.0031829	242.6197	.1308054	.1308340	.1691775	201.6372
#2	.0080015	.0034903	243.8437	.1303295	.1316203	.1665930	202.9689
#3	.0079041	.0032376	247.7837	.1300277	.1303719	.1716877	205.7993

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.147382	77.09338	.1883708	-.004221	-1.47305	.1820842	.5245169
Stddev	.044024	.92236	.0012732	.000597	.69686	.0102775	.0088814
%RSD	1.061486	1.196417	.6758915	14.13920	47.30695	5.644349	1.693245
#1	4.107397	76.28488	.1877575	-.004860	-2.05750	.1844810	.5143114
#2	4.140190	76.89723	.1875204	-.004124	-.70185	.1708201	.5304941
#3	4.194560	78.09804	.1898346	-.003678	-1.65981	.1909515	.5287452

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.658761	8.334031	.0603265	.0040157	.7418482	4.810723	.0289548
Stddev	.233617	.006737	.0048801	.0003030	.0052144	.032780	.0033863
%RSD	2.418709	.0808335	8.089487	7.544487	.7028928	.6814016	11.69516
#1	9.405474	8.329677	.0551082	.0036767	.7363331	4.780984	.0315238
#2	9.705024	8.341791	.0647775	.0042599	.7466980	4.805312	.0251174
#3	9.865786	8.330625	.0610938	.0041106	.7425135	4.845872	.0302231

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-07 Acquired: 12/24/2024 2:51:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8961610	.0237745	.1046639
Stddev	.0097003	.0002543	.0008240
%RSD	1.082426	1.069503	.7872598
#1	.8887611	.0235781	.1037481
#2	.8925790	.0236837	.1048986
#3	.9071429	.0240617	.1053451

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2560.260	33088.66	2801.129	2171.440	1770.714
Stddev	3.346	160.22	18.957	20.747	1.642
%RSD	.1306894	.4842165	.6767474	.9554294	.0927155
#1	2563.988	32926.55	2807.564	2147.701	1771.995
#2	2557.518	33246.92	2816.031	2186.097	1768.863
#3	2559.273	33092.52	2779.793	2180.521	1771.285

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-08 Acquired: 12/24/2024 2:55:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0859127	-.069305	.2478219	.0774195	.0458013	69.70622	.5724395
Stddev	.0040320	.004294	.0026090	.0023016	.0041072	.78884	.0056312
%RSD	4.693179	6.195997	1.052790	2.972897	8.967515	1.131659	.9837131
#1	.0902638	-.064421	.2485855	.0797982	.0449654	70.53542	.5783211
#2	.0823025	-.071001	.2499639	.0772568	.0421764	68.96515	.5670976
#3	.0851718	-.072492	.2449162	.0752036	.0502623	69.61807	.5718999

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080966	.0033346	243.3597	.1281807	.1304036	.1695901	202.5714
Stddev	.0000446	.0000882	2.5915	.0011272	.0002754	.0051558	2.2460
%RSD	.5512104	2.644222	1.064881	.8793702	.2111553	3.040161	1.108739
#1	.0081062	.0032331	245.8753	.1281722	.1302555	.1747700	204.9443
#2	.0080479	.0033778	240.6985	.1270578	.1302339	.1695416	200.4786
#3	.0081356	.0033928	243.5053	.1293121	.1307213	.1644587	202.2913

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.127002	77.13105	.1887233	-.004019	-1.04276	.1764868	.5318601
Stddev	.039398	.78391	.0007127	.000988	.81391	.0086631	.0070302
%RSD	.9546433	1.016338	.3776391	24.57677	78.05281	4.908639	1.321821
#1	4.169536	77.99371	.1880343	-.005048	-.33205	.1863407	.5288434
#2	4.091758	76.46226	.1886780	-.003930	-.86558	.1730511	.5268417
#3	4.119713	76.93719	.1894576	-.003078	-1.93067	.1700685	.5398953

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.642117	8.298519	.0627504	.0040816	.7372197	4.896864	.0271637
Stddev	.204919	.006398	.0017844	.0006268	.0103742	.067078	.0009522
%RSD	2.125247	.0770954	2.843580	15.35693	1.407201	1.369806	3.505413
#1	9.792362	8.294396	.0635880	.0033580	.7444052	4.971804	.0277355
#2	9.408686	8.295272	.0607014	.0044299	.7419275	4.842442	.0276910
#3	9.725302	8.305889	.0639620	.0044568	.7253264	4.876345	.0260645

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-08 Acquired: 12/24/2024 2:55:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8986897	.0235499	.1055329
Stddev	.0051032	.0011792	.0018927
%RSD	.5678466	5.007180	1.793439
#1	.9037676	.0236974	.1033954
#2	.8935616	.0223039	.1062075
#3	.8987399	.0246484	.1069959

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2569.756	33241.03	2814.937	2174.202	1778.640
Stddev	3.319	65.64	42.544	3.495	3.166
%RSD	.1291681	.1974675	1.511375	.1607532	.1780142
#1	2566.408	33165.96	2766.964	2178.183	1775.411
#2	2573.046	33287.63	2848.087	2171.636	1781.740
#3	2569.812	33269.51	2829.760	2172.788	1778.770

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-07LX5 Acquired: 12/24/2024 2:59:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128169	-.004199	.0573758	.0072140	.0116474	17.00654	.1385672
Stddev	.0018224	.002583	.0024999	.0020270	.0017957	.59849	.0045044
%RSD	14.21847	61.52076	4.357066	28.09741	15.41684	3.519150	3.250710
#1	.0108843	-.006161	.0588042	.0081858	.0135185	16.51960	.1360753
#2	.0130624	-.005164	.0544892	.0085722	.0099381	17.67469	.1437669
#3	.0145041	-.001272	.0588339	.0048842	.0114857	16.82534	.1358592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019505	.0004435	59.85418	.0309247	.0428779	.0403192	50.18249
Stddev	.0001896	.0000863	2.13548	.0005165	.0004905	.0064701	1.81401
%RSD	9.718597	19.47013	3.567804	1.670197	1.143858	16.04720	3.614831
#1	.0020018	.0004160	58.32057	.0303399	.0429223	.0477598	48.62618
#2	.0021091	.0003742	62.29320	.0313185	.0423668	.0371827	52.17475
#3	.0017406	.0005402	58.94877	.0311156	.0433447	.0360151	49.74653

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.023415	19.01201	.0385022	-.000550	-2.05774	.0331692	.1394590
Stddev	.035122	.66553	.0010077	.000814	.32892	.0073764	.0143207
%RSD	3.431811	3.500602	2.617173	147.9121	15.98429	22.23876	10.26875
#1	.998021	18.40780	.0373778	-.001358	-1.68505	.0295144	.1530693
#2	1.063496	19.72537	.0388055	.000270	-2.30741	.0283338	.1407873
#3	1.008727	18.90285	.0393234	-.000563	-2.18077	.0416595	.1245205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.266588	1.698700	.0104435	.0026775	.1596176	1.339356	.0078536
Stddev	.228838	.036881	.0007621	.0005330	.0028279	.035222	.0017172
%RSD	18.06728	2.171148	7.297362	19.90671	1.771644	2.629764	21.86517
#1	1.002492	1.673130	.0112037	.0028504	.1565505	1.319020	.0083212
#2	1.406186	1.681991	.0104471	.0020795	.1621215	1.380027	.0092886
#3	1.391084	1.740978	.0096796	.0031025	.1601808	1.319021	.0059510

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-07LX5 Acquired: 12/24/2024 2:59:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2249220	.0051954	.0192771
Stddev	.0092168	.0005915	.0033371
%RSD	4.097790	11.38437	17.31138
#1	.2214006	.0054802	.0157279
#2	.2353804	.0055906	.0197521
#3	.2179850	.0045154	.0223512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2171.822	28202.76	2298.841	1860.507	1827.849
Stddev	44.286	129.68	74.956	13.592	36.653
%RSD	2.039104	.4597970	3.260597	.7305507	2.005266
#1	2184.240	28232.98	2343.181	1851.701	1839.513
#2	2208.573	28060.64	2212.298	1853.659	1857.250
#3	2122.652	28314.66	2341.045	1876.160	1786.783

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-09 Acquired: 12/24/2024 3:03:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1597134	.0182224	.2814456	.2097305	.1855599	72.62919	3.597673
Stddev	.0028142	.0035458	.0006973	.0054608	.0012594	.23973	.011018
%RSD	1.762039	19.45868	.2477416	2.603730	.6787037	.3300748	.3062418
#1	.1606112	.0218764	.2815036	.2041248	.1841155	72.69000	3.594662
#2	.1619691	.0179951	.2821121	.2150339	.1861361	72.36492	3.588475
#3	.1565598	.0147956	.2807212	.2100328	.1864282	72.83267	3.609883

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0814621	.0960279	241.0787	.4597946	1.086131	.5336138	202.1902
Stddev	.0005957	.0000904	.9284	.0017384	.000797	.0076833	.6186
%RSD	.7312445	.0941009	.3851028	.3780736	.0733370	1.439856	.3059475
#1	.0820432	.0959601	240.7116	.4611250	1.086356	.5402775	202.6199
#2	.0814901	.0961305	240.3900	.4578277	1.085247	.5252096	201.4812
#3	.0808529	.0959931	242.1345	.4604310	1.086791	.5353544	202.4694

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.838791	76.13332	1.120056	.0506178	-1.24789	.9341497	1.248267
Stddev	.013501	.25555	.000224	.0014195	.33868	.0071727	.012820
%RSD	.2790187	.3356601	.0200243	2.804306	27.14055	.7678334	1.027023
#1	4.845911	76.37989	1.120311	.0489854	-1.44392	.9262689	1.235136
#2	4.823220	75.86965	1.119971	.0513058	-1.44293	.9402963	1.248913
#3	4.847242	76.15041	1.119887	.0515621	-.85681	.9358840	1.260751

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.745768	8.220215	.0621293	.0038746	.7333630	5.595165	.0274626
Stddev	.134850	.018390	.0009934	.0007082	.0048835	.059522	.0029961
%RSD	1.383682	.2237133	1.598889	18.27920	.6659080	1.063805	10.90976
#1	9.594891	8.201873	.0631235	.0040365	.7291035	5.660519	.0277161
#2	9.854549	8.220120	.0611367	.0044879	.7386929	5.580914	.0303239
#3	9.787866	8.238652	.0621276	.0030994	.7322926	5.544063	.0243478

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-09 Acquired: 12/24/2024 3:03:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9293739	.0231135	.1054797
Stddev	.0118516	.0009379	.0029322
%RSD	1.275222	4.057898	2.779832
#1	.9230996	.0220813	.1060466
#2	.9219786	.0233456	.1080870
#3	.9430436	.0239136	.1023055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2559.674	33070.21	2799.808	2170.386	1778.268
Stddev	4.338	62.01	20.078	8.121	3.941
%RSD	.1694709	.1875208	.7171192	.3741699	.2215957
#1	2564.180	33118.78	2786.154	2178.355	1782.276
#2	2555.527	33000.35	2790.410	2162.121	1774.398
#3	2559.316	33091.49	2822.862	2170.683	1778.130

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-10 Acquired: 12/24/2024 3:07:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1382997	-.031647	2.387689	.0635103	.0324690	57.71683	1.213240
Stddev	.0028635	.007376	.004585	.0023169	.0044509	.08377	.002821
%RSD	2.070501	23.30572	.1920341	3.648012	13.70820	.1451332	.2325289
#1	.1378826	-.025362	2.388818	.0661732	.0359918	57.65013	1.210448
#2	.1356677	-.029813	2.382645	.0624017	.0274668	57.68952	1.213184
#3	.1413489	-.039767	2.391605	.0619560	.0339485	57.81085	1.216089

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071688	.0081910	131.3906	.1412540	.1103102	.3516930	140.7779
Stddev	.0001279	.0000919	.1500	.0004029	.0001285	.0066424	.3725
%RSD	1.783564	1.122506	.1141445	.2852442	.1165047	1.888695	.2646176
#1	.0071755	.0081562	131.2743	.1409323	.1101653	.3539113	140.3479
#2	.0072932	.0081216	131.3375	.1411239	.1104104	.3442253	141.0029
#3	.0070377	.0082953	131.5599	.1417060	.1103550	.3569424	140.9829

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.669679	41.86363	.1946655	-.001497	-1.70203	.1661927	1.547068
Stddev	.009402	.20911	.0006207	.000249	1.08571	.0029619	.010584
%RSD	.1084461	.4994915	.3188331	16.65241	63.78949	1.782229	.6841458
#1	8.664719	41.67346	.1939702	-.001785	-2.88762	.1660828	1.534988
#2	8.663795	42.08756	.1948624	-.001367	-1.46216	.1632873	1.554713
#3	8.680522	41.82987	.1951638	-.001340	-.75630	.1692081	1.551504

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.466577	8.245907	.0536926	.0106973	4.469478	5.397052	.0936212
Stddev	.116250	.015711	.0016332	.0009546	.013420	.036183	.0018977
%RSD	2.602674	.1905277	3.041813	8.923502	.3002694	.6704291	2.027039
#1	4.403345	8.254000	.0550114	.0101926	4.454625	5.403273	.0958103
#2	4.600738	8.227800	.0542006	.0101010	4.480733	5.358161	.0924428
#3	4.395648	8.255921	.0518657	.0117982	4.473076	5.429721	.0926103

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-10 Acquired: 12/24/2024 3:07:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6095490	.0999538	.0627752
Stddev	.0047511	.0002087	.0020003
%RSD	.7794380	.2087589	3.186427
#1	.6065140	.0999233	.0639624
#2	.6071087	.0997620	.0638974
#3	.6150243	.1001760	.0604658

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2540.096	32726.16	2748.386	2155.966	1851.381
Stddev	3.213	63.04	18.424	8.536	1.538
%RSD	.1264941	.1926152	.6703579	.3959412	.0830995
#1	2541.975	32673.12	2732.963	2150.736	1850.691
#2	2541.927	32709.52	2768.788	2165.817	1853.144
#3	2536.386	32795.85	2743.408	2151.346	1850.308

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-11 Acquired: 12/24/2024 3:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1322018	-.029343	2.662633	.0534487	.0312019	53.96177	1.209825
Stddev	.0033748	.001902	.004315	.0021270	.0020613	1.36400	.029806
%RSD	2.552769	6.480769	.1620751	3.979534	6.606308	2.527720	2.463631
#1	.1331771	-.028577	2.667122	.0513881	.0288343	52.40576	1.175920
#2	.1349816	-.031509	2.658515	.0556364	.0321741	54.52851	1.221658
#3	.1284468	-.027945	2.662261	.0533217	.0325974	54.95104	1.231898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071378	.0084620	137.1995	.1351559	.1067529	.3968602	126.6157
Stddev	.0001329	.0000476	3.1880	.0011738	.0003425	.0090820	2.9688
%RSD	1.861843	.5621117	2.323611	.8684835	.3208430	2.288460	2.344749
#1	.0069991	.0085164	133.5734	.1363018	.1065802	.3866028	123.2171
#2	.0071503	.0084286	138.4634	.1339560	.1065311	.4038790	127.9263
#3	.0072640	.0084409	139.5617	.1352098	.1071474	.4000987	128.7036

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.410811	40.98574	.1984040	-.002455	-1.38255	.1759342	1.616377
Stddev	.175467	1.13700	.0003302	.001103	.68926	.0113799	.012268
%RSD	2.367720	2.774125	.1664150	44.91698	49.85426	6.468241	.7589990
#1	7.210256	39.74189	.1983301	-.001652	-.96629	.1629288	1.605509
#2	7.486145	41.24383	.1987648	-.002002	-1.00322	.1808101	1.629680
#3	7.536032	41.97151	.1981170	-.003713	-2.17816	.1840637	1.613943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.664301	7.310321	.0593110	.0108704	4.355341	4.772724	.0828757
Stddev	.073002	.010139	.0032346	.0003531	.025514	.100602	.0024212
%RSD	1.565131	.1386899	5.453571	3.247976	.5857989	2.107848	2.921534
#1	4.593763	7.314341	.0559841	.0104660	4.384698	4.667452	.0805616
#2	4.739541	7.298789	.0595045	.0111176	4.342791	4.782828	.0853914
#3	4.659601	7.317833	.0624446	.0110275	4.338533	4.867893	.0826740

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-11 Acquired: 12/24/2024 3:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8554112	.2274049	.0577728
Stddev	.0173255	.0048225	.0015734
%RSD	2.025402	2.120675	2.723387
#1	.8366397	.2218825	.0565597
#2	.8588054	.2295469	.0595506
#3	.8707883	.2307854	.0572081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.777	31457.87	2672.523	2070.896	1815.457
Stddev	4.628	81.02	53.030	6.631	1.874
%RSD	.1895288	.2575378	1.984251	.3202149	.1032345
#1	2447.106	31449.40	2732.865	2078.105	1816.586
#2	2438.767	31381.42	2651.369	2065.055	1816.492
#3	2439.458	31542.78	2633.336	2069.529	1813.294

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-12 Acquired: 12/24/2024 3:14:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1523493	-.016970	1.327470	.0537437	.0345851	56.10063	1.573848
Stddev	.0052781	.003026	.002086	.0015160	.0023651	.43300	.011208
%RSD	3.464500	17.83258	.1571547	2.820844	6.838499	.7718305	.7121365
#1	.1513862	-.015101	1.328916	.0553898	.0362999	55.61367	1.560933
#2	.1580427	-.020462	1.325078	.0524049	.0355684	56.24589	1.579584
#3	.1476190	-.015348	1.328415	.0534363	.0318870	56.44232	1.581028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062551	.0137430	458.0619	.1101932	.1371258	.3183730	149.4342
Stddev	.0000963	.0000938	2.4897	.0012377	.0007230	.0127990	1.0124
%RSD	1.539382	.6822948	.5435197	1.123183	.5272355	4.020117	.6775147
#1	.0061524	.0138354	455.4143	.1088657	.1362941	.3080319	148.2662
#2	.0063433	.0137457	458.4156	.1113154	.1376045	.3143998	149.9766
#3	.0062696	.0136479	460.3557	.1103986	.1374787	.3326874	150.0599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.57649	52.04681	.1924029	-.003103	-1.20369	.1820317	1.030747
Stddev	.10192	.29556	.0003700	.001282	.95018	.0082800	.010367
%RSD	.6543341	.5678644	.1922925	41.33365	78.93885	4.548642	1.005812
#1	15.45884	51.73441	.1922976	-.004572	-1.40434	.1739730	1.040277
#2	15.63287	52.32200	.1920971	-.002524	-2.03751	.1816056	1.019707
#3	15.63777	52.08401	.1928142	-.002211	-.16921	.1905165	1.032256

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.454296	6.870137	.0536154	.0115439	3.023994	4.960702	.0586686
Stddev	.103243	.016078	.0029496	.0006485	.003957	.047372	.0012756
%RSD	1.892875	.2340297	5.501347	5.617804	.1308457	.9549393	2.174296
#1	5.335102	6.874927	.0559470	.0108008	3.026932	4.909591	.0598267
#2	5.511987	6.852209	.0545996	.0118357	3.019495	5.003134	.0573013
#3	5.515800	6.883277	.0502996	.0119952	3.025554	4.969381	.0588778

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-12 Acquired: 12/24/2024 3:14:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5827785	.3468814	.0751086
Stddev	.0014755	.0015750	.0022918
%RSD	.2531901	.4540388	3.051334
#1	.5810753	.3467494	.0734359
#2	.5835909	.3453765	.0741690
#3	.5836692	.3485182	.0777209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.647	32130.40	2739.242	2112.970	1754.845
Stddev	7.173	53.41	18.814	14.561	2.637
%RSD	.2863792	.1662251	.6868389	.6891244	.1502854
#1	2511.154	32075.82	2756.474	2096.877	1757.518
#2	2496.955	32182.56	2719.169	2116.799	1752.245
#3	2505.831	32132.82	2742.084	2125.234	1754.772

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-13 Acquired: 12/24/2024 3:18:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1044328	-.031706	.9378747	.0580078	.0305082	60.69615	1.116562
Stddev	.0034472	.001863	.0040585	.0047219	.0002716	.35339	.007422
%RSD	3.300920	5.877459	.4327372	8.140068	.8901601	.5822288	.6647412
#1	.1080428	-.033857	.9355544	.0548285	.0302248	60.35137	1.108359
#2	.1040803	-.030605	.9355087	.0557615	.0305336	60.67951	1.118514
#3	.1011754	-.030655	.9425610	.0634335	.0307662	61.05757	1.122813

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064643	.0056668	167.6968	.1003310	.1097806	.2000237	141.6912
Stddev	.0000802	.0001851	1.0996	.0011566	.0002365	.0034838	.6777
%RSD	1.241267	3.266069	.6556830	1.152804	.2154519	1.741701	.4782703
#1	.0064034	.0057154	166.9148	.0990184	.1099417	.2034682	140.9510
#2	.0064344	.0054623	167.2215	.1007737	.1095091	.2001011	141.8416
#3	.0065552	.0058227	168.9540	.1012008	.1098912	.1965019	142.2811

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.344729	32.63550	.1276999	-.002452	-1.25546	.1501132	.7111694
Stddev	.042314	.02234	.0001935	.000094	.21947	.0055515	.0069366
%RSD	.4528153	.0684562	.1515676	3.833513	17.48157	3.698179	.9753733
#1	9.301365	32.61105	.1277590	-.002561	-1.14301	.1564759	.7055491
#2	9.346913	32.65484	.1278571	-.002400	-1.50837	.1476066	.7189217
#3	9.385909	32.64062	.1274837	-.002397	-1.11500	.1462570	.7090374

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.860050	5.224349	.0424110	.0086628	2.117067	5.576825	.0452838
Stddev	.256104	.003158	.0016495	.0005891	.005504	.019346	.0030046
%RSD	6.634730	.0604555	3.889404	6.800501	.2599768	.3468917	6.635019
#1	3.907907	5.221782	.0414667	.0080832	2.113062	5.569891	.0487530
#2	3.583393	5.223388	.0414506	.0086443	2.123343	5.561901	.0435194
#3	4.088849	5.227876	.0443157	.0092610	2.114796	5.598681	.0435789

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-13 Acquired: 12/24/2024 3:18:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4986418	.1295256	.0553244
Stddev	.0035296	.0015670	.0046299
%RSD	.7078389	1.209783	8.368680
#1	.4966829	.1287322	.0503522
#2	.4965262	.1285140	.0561091
#3	.5027164	.1313306	.0595118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2578.444	33299.96	2790.748	2193.604	1841.743
Stddev	1.679	98.90	7.594	2.697	1.458
%RSD	.0651348	.2969838	.2720986	.1229372	.0791700
#1	2576.537	33367.71	2785.641	2194.749	1840.245
#2	2579.702	33186.47	2799.474	2190.524	1843.157
#3	2579.094	33345.70	2787.129	2195.540	1841.826

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-14 Acquired: 12/24/2024 3:22:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572011	-.003599	.4869470	.0270462	.0249451	42.06791
Stddev	.0019098	.009908	.0027291	.0026442	.0032947	.19951
%RSD	3.338678	275.2612	.5604483	9.776433	13.20793	.4742486
#1	.0593373	-.002341	.4847799	.0293421	.0285321	42.08791
#2	.0556589	-.014076	.4860491	.0241552	.0220537	41.85916
#3	.0566071	.005619	.4900119	.0276412	.0242496	42.25666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6653219	.0048026	.0041229	F 904.7830	.0760461	.0988070
Stddev	.0029223	.0001547	.0001591	3.2858	.0006933	.0006109
%RSD	.4392356	3.220511	3.859309	.3631621	.9116674	.6182549
#1	.6626962	.0049651	.0042600	906.6325	.0756611	.0981057
#2	.6647992	.0046572	.0041603	900.9892	.0756307	.0990921
#3	.6684703	.0047854	.0039484	906.7273	.0768465	.0992232

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1500700	122.3497	7.466752	144.7918	.1070324	-.003457
Stddev	.0019918	.6749	.027334	.8057	.0009178	.001218
%RSD	1.327225	.5515760	.3660714	.5564550	.8575352	35.23395
#1	.1516814	122.6581	7.470992	144.3886	.1060429	-.004851
#2	.1478431	121.5757	7.437546	144.2674	.1078559	-.002599
#3	.1506855	122.8152	7.491718	145.7196	.1071983	-.002920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.64853	.1250173	.6117512	2.749765	4.576271	.0524746
Stddev	.29466	.0087119	.0058212	.149327	.019427	.0020859
%RSD	17.87435	6.968517	.9515662	5.430543	.4245098	3.975149
#1	-1.92243	.1150075	.6084713	2.761236	4.562267	.0515533
#2	-1.68640	.1308876	.6184723	2.595033	4.568097	.0548625
#3	-1.33676	.1291568	.6083100	2.893025	4.598449	.0510079

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-14 Acquired: 12/24/2024 3:22:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036423	1.758192	4.109177	.0330787	.6016262	.8587387
Stddev	.0006297	.014493	.040945	.0008672	.0099189	.0009938
%RSD	17.28710	.8243153	.9964232	2.621510	1.648687	.1157270
#1	.0035492	1.741893	4.096327	.0327109	.5972669	.8597491
#2	.0043134	1.763054	4.076198	.0324561	.6129782	.8577623
#3	.0030644	1.769628	4.155005	.0340691	.5946334	.8587047

Elem	Li6707
Units	ppm
Avg	.0582506
Stddev	.0011493
%RSD	1.972950
#1	.0571129
#2	.0582278
#3	.0594111

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2321.949	30052.53	2622.374	1973.491	1650.271
Stddev	1.439	180.80	10.541	8.267	4.774
%RSD	.0619849	.6015969	.4019555	.4188968	.2892766
#1	2323.280	30006.91	2618.146	1967.522	1651.855
#2	2322.144	29898.91	2634.372	1970.024	1654.051
#3	2320.421	30251.77	2614.604	1982.926	1644.906

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-15 Acquired: 12/24/2024 3:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1009666	-.024073	.4192659	.0408045	.0296511	28.60015
Stddev	.0020891	.001906	.0008855	.0024622	.0026441	.04481
%RSD	2.069133	7.919024	.2112044	6.034235	8.917391	.1566641
#1	.0996850	-.021988	.4202226	.0383280	.0318606	28.55556
#2	.1033773	-.024501	.4184750	.0408333	.0303711	28.64517
#3	.0998374	-.025728	.4191003	.0432522	.0267216	28.59972

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9446998	.0056327	.0044548	F 1647.419	.0525598	.1158525
Stddev	.0015418	.0001501	.0001544	10.692	.0003836	.0016103
%RSD	.1632086	2.664925	3.466280	.6489990	.7299156	1.389934
#1	.9430067	.0058047	.0045905	1654.893	.0523063	.1157459
#2	.9450695	.0055286	.0042868	1635.172	.0523720	.1175134
#3	.9460232	.0055646	.0044872	1652.192	.0530011	.1142982

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1436507	171.1991	9.679206	315.5501	.1559005	-.004357
Stddev	.0048413	.0118	.007018	.3752	.0014901	.000784
%RSD	3.370185	.0068896	.0725109	.1189154	.9558212	17.99759
#1	.1389209	171.2125	9.675115	315.8840	.1551319	-.004498
#2	.1485963	171.1903	9.687310	315.6223	.1576181	-.005061
#3	.1434348	171.1945	9.675192	315.1440	.1549517	-.003512

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.64452	.0901120	.3309624	4.370662	5.258126	.1059095
Stddev	.61992	.0059421	.0101439	.159704	.035695	.0019339
%RSD	37.69576	6.594105	3.064970	3.654006	.6788506	1.826019
#1	-.93912	.0871807	.3352170	4.220289	5.228458	.1041819
#2	-1.89189	.0862052	.3193840	4.538295	5.297738	.1079987
#3	-2.10256	.0969502	.3382862	4.353401	5.248182	.1055478

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-15 Acquired: 12/24/2024 3:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032905	4.231545	3.402915	.0349309	.1403595	1.104758
Stddev	.0002592	.034906	.020782	.0009496	.0043112	.006613
%RSD	7.876805	.8248984	.6107140	2.718521	3.071544	.5985754
#1	.0032168	4.206624	3.426639	.0358754	.1369547	1.099977
#2	.0035785	4.271439	3.394181	.0349411	.1452071	1.112304
#3	.0030761	4.216571	3.387926	.0339762	.1389169	1.101992

Elem	Li6707
Units	ppm
Avg	.0467817
Stddev	.0025321
%RSD	5.412701
#1	.0461819
#2	.0495599
#3	.0446032

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2234.606	28884.99	2556.427	1878.624	1535.895
Stddev	8.787	115.98	12.425	8.995	8.963
%RSD	.3932410	.4015325	.4860363	.4788174	.5835890
#1	2238.828	28838.47	2542.082	1882.193	1541.887
#2	2224.505	29017.01	2563.825	1885.287	1525.590
#3	2240.487	28799.48	2563.374	1868.392	1540.207

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-16 Acquired: 12/24/2024 3:30:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0663731	-.010194	.3274208	.0226490	.0258577	30.53118
Stddev	.0016470	.006075	.0018505	.0055068	.0044643	.47166
%RSD	2.481504	59.59330	.5651711	24.31346	17.26481	1.544841
#1	.0647052	-.013228	.3293605	.0171581	.0210831	29.98818
#2	.0664155	-.014154	.3256748	.0281715	.0299279	30.76629
#3	.0679985	-.003200	.3272272	.0226173	.0265621	30.83908

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4680318	.0053001	.0034652	F 1501.670	.0528200	.1072787
Stddev	.0079905	.0000165	.0000932	12.156	.0004119	.0006124
%RSD	1.707249	.3113826	2.690650	.8094699	.7797374	.5708002
#1	.4588609	.0052854	.0034605	1493.480	.0523729	.1071687
#2	.4717404	.0052969	.0033743	1515.637	.0531839	.1067288
#3	.4734940	.0053179	.0035606	1495.893	.0529033	.1079386

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1300213	132.3385	5.760435	273.0962	.1365395	-.004039
Stddev	.0012538	2.3008	.096010	4.8366	.0012480	.001098
%RSD	.9642784	1.738576	1.666714	1.771027	.9139975	27.19523
#1	.1300402	129.6904	5.650390	267.5260	.1375437	-.004652
#2	.1287581	133.4767	5.803819	275.5308	.1351424	-.002771
#3	.1312655	133.8484	5.827096	276.2317	.1369324	-.004693

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.57435	.0705301	.2439321	4.868401	4.263197	.0996020
Stddev	.54106	.0028593	.0202393	.219059	.029019	.0042736
%RSD	34.36745	4.054039	8.297114	4.499617	.6806828	4.290696
#1	-1.48890	.0688147	.2278126	4.627083	4.260949	.0949190
#2	-1.08110	.0689446	.2373375	4.923399	4.235367	.1032910
#3	-2.15306	.0738309	.2666463	5.054720	4.293274	.1005961

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: P5086-16 Acquired: 12/24/2024 3:30:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLN9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022327	3.593045	3.850216	.0280715	.1225117	1.157942
Stddev	.0008635	.018161	.059655	.0018721	.0059152	.019770
%RSD	38.67662	.5054553	1.549383	6.669064	4.828284	1.707350
#1	.0023018	3.586723	3.781412	.0285610	.1156973	1.135114
#2	.0013367	3.578889	3.887486	.0260033	.1263231	1.169495
#3	.0030596	3.613522	3.881748	.0296503	.1255146	1.169218

Elem	Li6707
Units	ppm
Avg	.0610793
Stddev	.0040584
%RSD	6.644523
#1	.0590001
#2	.0584817
#3	.0657559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2246.794	29146.31	2586.439	1889.411	1554.956
Stddev	1.659	176.41	35.158	3.266	1.921
%RSD	.0738344	.6052606	1.359335	.1728329	.1235644
#1	2246.733	29052.84	2623.009	1886.332	1556.206
#2	2248.483	29036.31	2552.887	1889.065	1555.918
#3	2245.166	29349.79	2583.421	1892.836	1552.744

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV010 Acquired: 12/24/2024 3:34:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.839688	4.508840	23.17994	4.707536	4.843668	384.5337	9.572270
Stddev	.021970	.003534	.03786	.007639	.007983	.2063	.020985
%RSD	.4539473	.0783840	.1633120	.1622797	.1648105	.0536463	.2192296
#1	4.829808	4.505010	23.14382	4.698954	4.835071	384.3079	9.595089
#2	4.824392	4.511975	23.17669	4.710060	4.850847	384.5807	9.567922
#3	4.864863	4.509535	23.21932	4.713593	4.845085	384.7124	9.553800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4683545	2.357518	379.5284	14.94781	2.451858	14.04756	379.1695
Stddev	.0038911	.002695	.3620	.00906	.004476	.03166	.5645
%RSD	.8307917	.1142980	.0953751	.0605787	.1825630	.2253686	.1488785
#1	.4728428	2.354599	379.1597	14.95589	2.446828	14.02929	378.9363
#2	.4659327	2.358043	379.5421	14.94953	2.453343	14.02928	379.8133
#3	.4662880	2.359911	379.8833	14.93802	2.455403	14.08412	378.7590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.94668	374.0531	2.345240	1.184124	365.8177	2.333518	14.34651
Stddev	.01746	.3738	.000706	.001465	1.5628	.017579	.18831
%RSD	.1251776	.0999214	.0300949	.1237416	.4272087	.7533319	1.312600
#1	13.93017	374.3119	2.344541	1.183329	367.4372	2.333205	14.13019
#2	13.96495	374.2228	2.345228	1.185815	364.3186	2.351252	14.43554
#3	13.94492	373.6246	2.345953	1.183227	365.6972	2.316098	14.47380

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	137.8582	4.643192	4.694760	4.693535	4.803415	4.530560	4.709690
Stddev	.5379	.009962	.028845	.007651	.003980	.032895	.010391
%RSD	.3901500	.2145409	.6144181	.1630156	.0828569	.7260736	.2206196
#1	137.2448	4.647943	4.727947	4.684877	4.800697	4.567613	4.697816
#2	138.0807	4.631744	4.680622	4.696340	4.801565	4.519273	4.714136
#3	138.2491	4.649889	4.675711	4.699388	4.807983	4.504794	4.717118

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCV010 Acquired: 12/24/2024 3:34:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.685402	4.548026	4.683100
Stddev	.010109	.015188	.007915
%RSD	.2157634	.3339490	.1690097
#1	4.674818	4.533757	4.674869
#2	4.686431	4.546329	4.683776
#3	4.694958	4.563991	4.690655

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1818.664	24658.76	2154.514	1534.973	1590.956
Stddev	7.328	162.10	7.366	14.415	5.209
%RSD	.4029601	.6573566	.3418774	.9391052	.3274287
#1	1816.979	24819.71	2154.338	1550.589	1589.673
#2	1812.325	24661.01	2161.966	1532.158	1586.509
#3	1826.688	24495.54	2147.237	1522.174	1596.687

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB010 Acquired: 12/24/2024 3:37:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006231	-.001177	.0054591	.0038465	-.000688	.0561738	.0008658
Stddev	.003938	.000542	.0019303	.0026453	.001268	.0208922	.0015839
%RSD	63.20980	46.02920	35.35916	68.77067	184.1870	37.19199	182.9410
#1	-.007070	-.001308	.0076439	.0058010	.000705	.0361173	-.000960
#2	-.009681	-.000582	.0039847	.0049022	-.001773	.0545924	.001681
#3	-.001940	-.001642	.0047488	.0008364	-.000997	.0778118	.001876

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001037	.0000125	-.001882	-.000243	-.000475	.0002678	.0309893
Stddev	.0001148	.0000331	.008801	.000752	.000076	.0120658	.0196534
%RSD	110.6738	265.3345	467.7143	309.5886	16.09432	4506.180	63.42004
#1	.0000947	.0000048	-.001212	.000254	-.000413	-.008251	.0210333
#2	.0002228	-.000016	.006566	-.001108	-.000561	-.005020	.0536285
#3	-.000006	.000049	-.010998	.000125	-.000451	.014075	.0183062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021252	.1000806	.0007934	-.000850	-1.42284	.0043838	-.006111
Stddev	.0009393	.0095809	.0002033	.001117	.81985	.0065598	.013231
%RSD	44.19990	9.573136	25.62491	131.4916	57.62033	149.6393	216.5159
#1	.0010533	.1078693	.0006270	-.000993	-1.88508	.0119583	.007663
#2	.0028047	.0893822	.0007330	.000332	-1.90719	.0005652	-.007273
#3	.0025176	.1029905	.0010200	-.001889	-.47625	.0006277	-.018722

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.05009	.0034210	.0030656	.0004758	-.000032	-.085116	.0006779
Stddev	.13977	.0022003	.0022067	.0007217	.003843	.000490	.0003236
%RSD	13.31000	64.31780	71.98087	151.6908	11996.26	.5754159	47.74194
#1	-1.21142	.0057313	.0020576	.0013092	-.000642	-.085521	.0003986
#2	-.97300	.0013503	.0055962	.0000561	.004079	-.084572	.0006025
#3	-.96584	.0031814	.0015429	.0000621	-.003534	-.085255	.0010325

Reviewed By:kareem
On:12/27/2024 4:23:37 PM
Inst Id :P5

Sample Name: CCB010 Acquired: 12/24/2024 3:37:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v39) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB010 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0031328	.0003224	.0049344
Stddev	.0024755	.0000975	.0027582
%RSD	79.02050	30.24946	55.89639
#1	.0041152	.0002392	.0020760
#2	.0049663	.0002983	.0051474
#3	.0003168	.0004297	.0075800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.812	26772.69	2188.213	1763.729	1863.355
Stddev	4.627	197.43	7.107	14.697	3.556
%RSD	.2226965	.7374203	.3247655	.8332922	.1908550
#1	2082.855	26945.69	2189.983	1776.965	1867.402
#2	2073.762	26557.62	2194.267	1747.913	1861.930
#3	2076.818	26814.75	2180.388	1766.310	1860.731