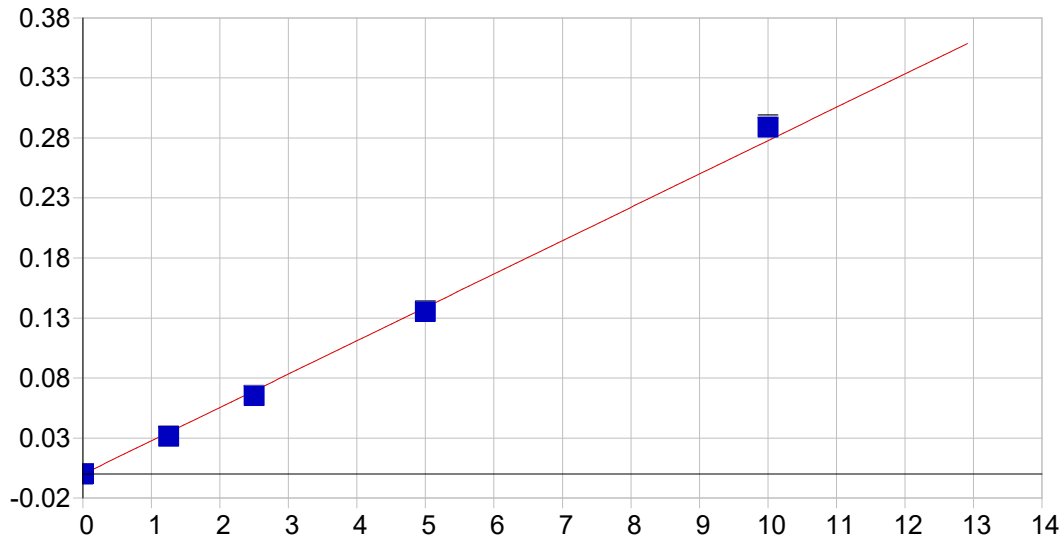
Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



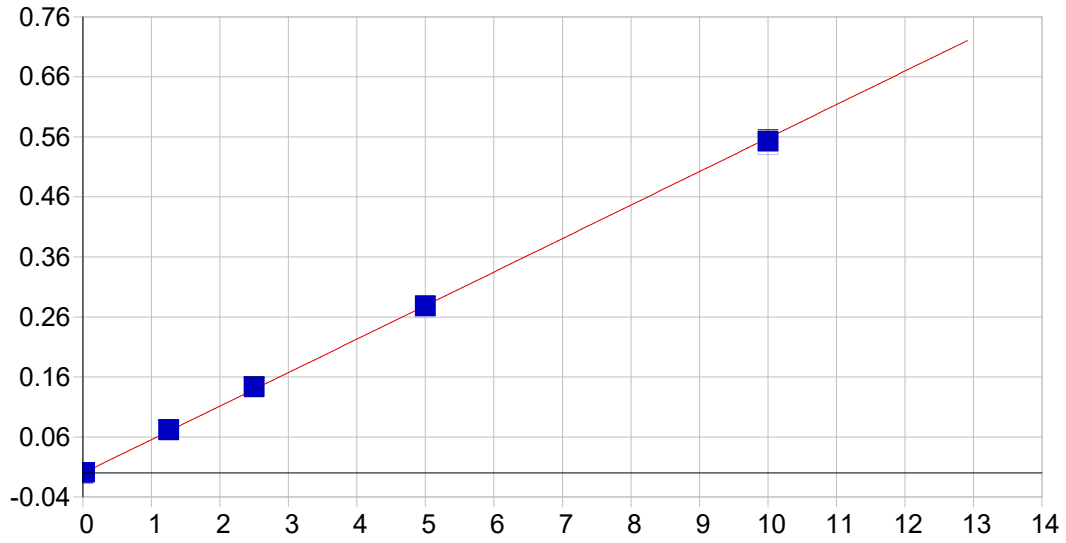
As 189.042 {479}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000161	Re-Slope:	1.000000
A1 (Gain):	0.027796	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998969	Status:	OK.
Std Error of Est:	0.000021		
Predicted MDL:	0.006988		
Predicted MQL:	0.023295		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00016	.000	1
S1	.01000	.01152	.002	15.2	.00016	.000	1
S2	1.2500	1.1325	-.118	-9.40	.03146	.000	1
S3	2.5000	2.3500	-.150	-6.00	.06545	.000	1
S4	5.0000	4.8721	-.128	-2.56	.13585	.000	1
S5	10.000	10.394	.394	3.94	.28991	.001	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



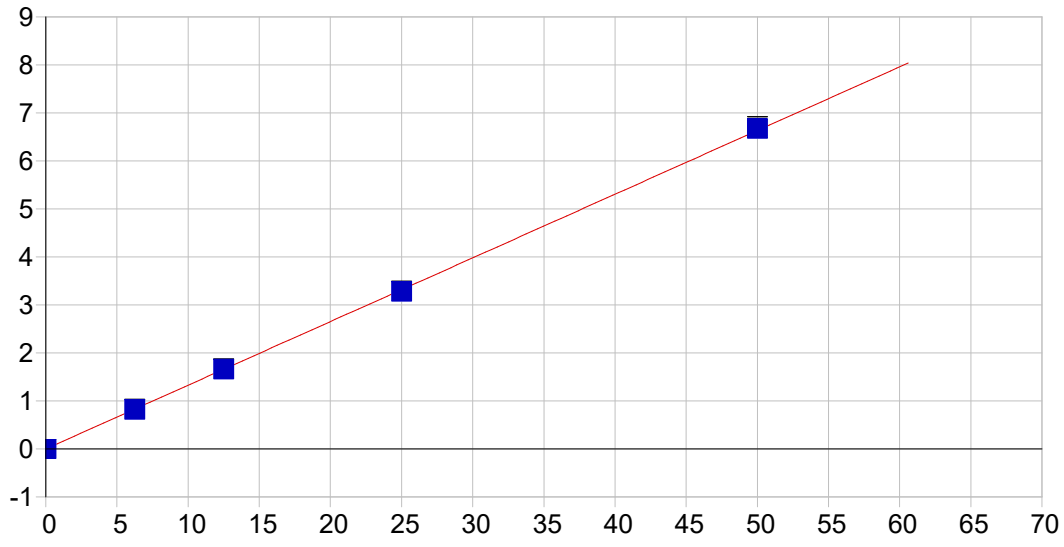
Tl 190.856 {477}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000374	Re-Slope:	1.000000
A1 (Gain):	0.055843	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999854	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.003872		
Predicted MQL:	0.012908		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00037	.000	1
S1	.02500	.02969	.005	18.8	.00125	.000	1
S2	1.2500	1.2907	.041	3.26	.07095	.000	1
S3	2.5000	2.5726	.073	2.90	.14178	.000	1
S4	5.0000	4.9805	-.020	-.390	.27474	.000	1
S5	10.000	9.9016	-.098	-.984	.54653	.002	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



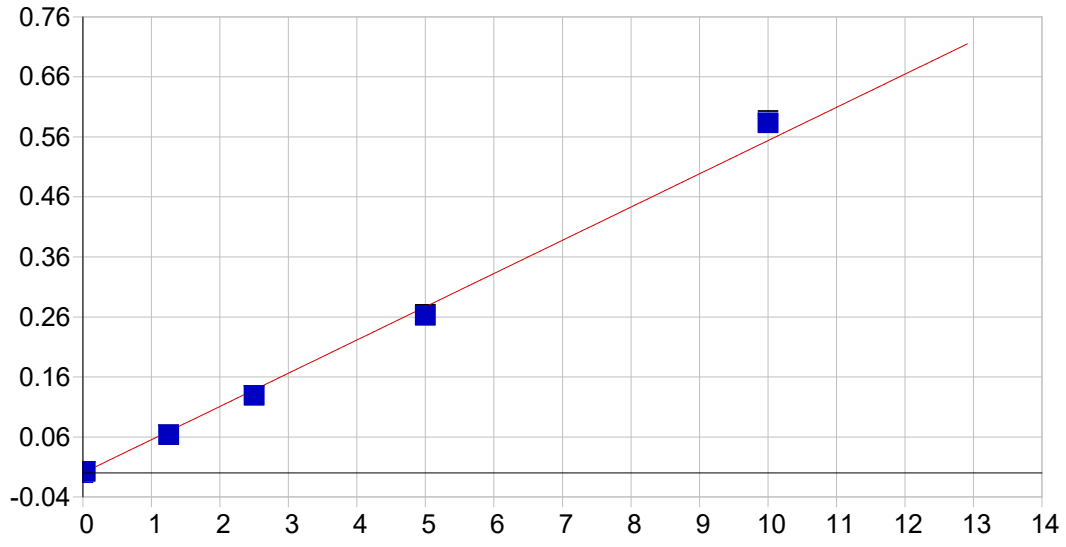
Pb 220.353 {453}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000205	Re-Slope:	1.000000
A1 (Gain):	0.132662	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999970	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.003468		
Predicted MQL:	0.011559		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00020	.000	1
S1	.01000	.00809	-.002	-19.1	.00087	.001	1
S2	6.2500	6.1953	-.055	-.875	.82147	.002	1
S3	12.500	12.529	.029	.233	1.6615	.004	1
S4	25.000	24.728	-.272	-1.09	3.2794	.008	1
S5	50.000	50.299	.299	.598	6.6709	.042	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



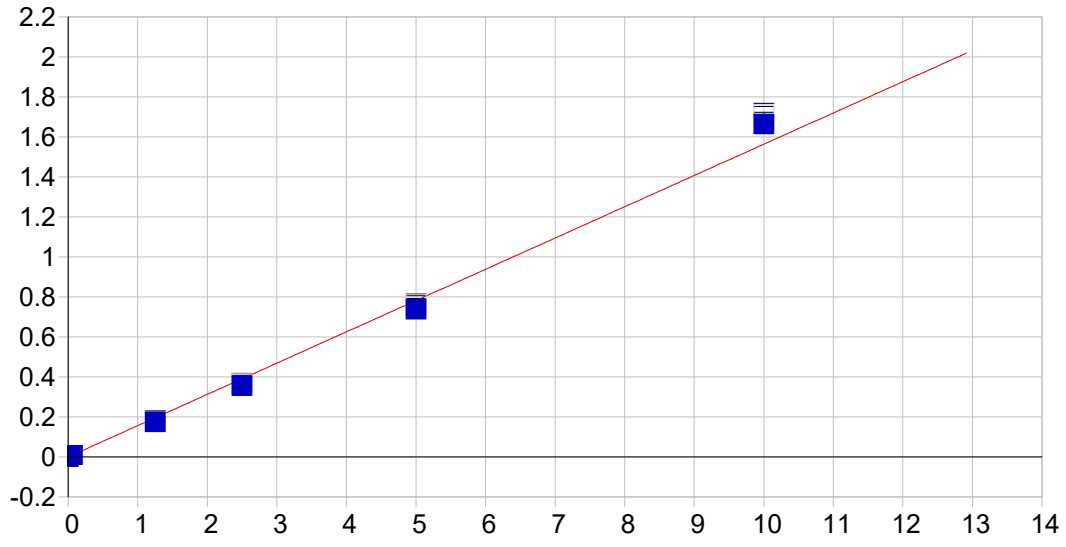
Se 196.090 {472}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000014	Re-Slope:	1.000000
A1 (Gain):	0.055397	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998329	Status:	OK.
Std Error of Est:	0.000100		
Predicted MDL:	0.006982		
Predicted MQL:	0.023275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00001	.000	1
S1	.03500	.03747	.002	7.07	.00206	.000	1
S2	1.2500	1.1478	-.102	-8.18	.06344	.000	1
S3	2.5000	2.3287	-.171	-6.85	.12873	.000	1
S4	5.0000	4.7365	-.263	-5.27	.26185	.001	1
S5	10.000	10.534	.534	5.34	.58251	.004	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



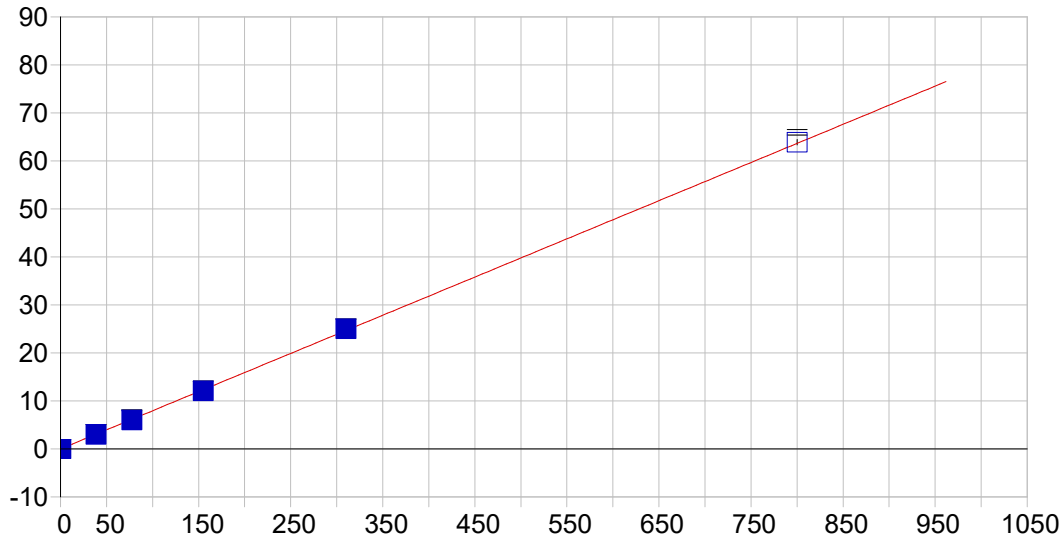
Sb 206.833 {463}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000028	Re-Slope:	1.000000
A1 (Gain):	0.156333	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997678	Status:	OK.
Std Error of Est:	0.000452		
Predicted MDL:	0.002909		
Predicted MQL:	0.009698		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00003	.000	1
S1	.06000	.05748	-.003	-4.20	.00896	.000	1
S2	1.2500	1.1126	-.137	-11.0	.17967	.000	1
S3	2.5000	2.2741	-.226	-9.04	.36703	.000	1
S4	5.0000	4.7206	-.279	-5.59	.76102	.004	1
S5	10.000	10.645	.645	6.45	1.7103	.009	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



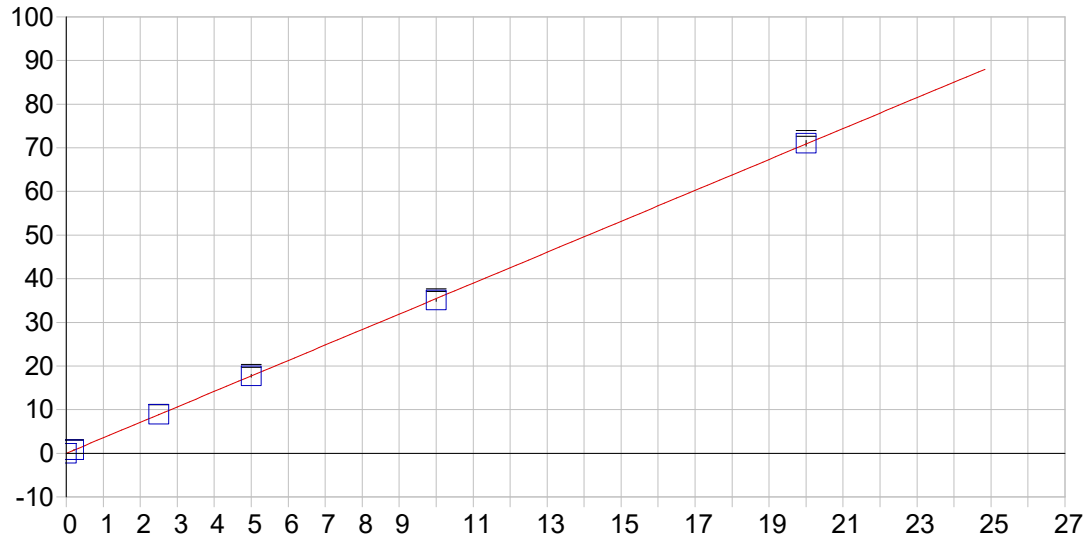
Al 396.152 { 85}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002282	Re-Slope:	1.000000
A1 (Gain):	0.079563	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999908	Status:	OK.
Std Error of Est:	0.000672		
Predicted MDL:	0.012315		
Predicted MQL:	0.041051		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00228	.000	1
S1	.20000	.20101	.001	.507	.01374	.000	1
S2	38.750	37.524	-1.23	-3.16	2.9870	.005	1
S3	77.500	75.131	-2.37	-3.06	5.9828	.116	1
S4	155.00	151.50	-3.50	-2.26	12.066	.020	1
S5	310.00	314.06	4.06	1.31	25.015	.070	1
S6	800.00	803.04	3.04	.381	63.890	.560	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



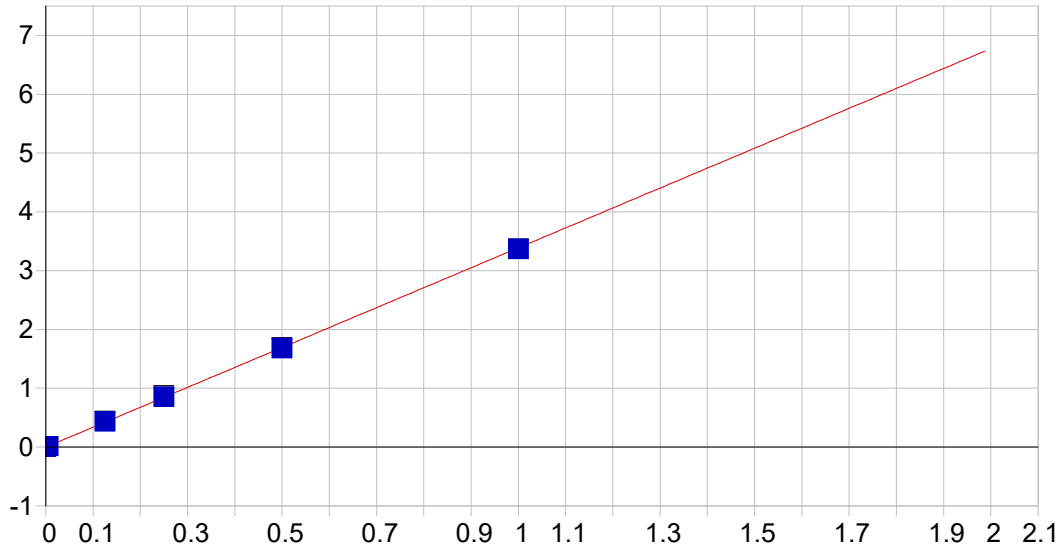
Ba 493.409 { 68}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002067	Re-Slope:	1.000000
A1 (Gain):	3.543739	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.004133		
Predicted MDL:	0.000645		
Predicted MQL:	0.002149		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00216	.003	1
S1	.20000	.22667	.027	13.3	.80120	.003	1
S2	2.5000	2.5123	.012	.492	8.9009	.024	1
S3	5.0000	5.0069	.007	.138	17.741	.342	1
S4	10.000	9.9100	-.090	-.900	35.116	.279	1
S5	20.000	20.044	.044	.221	71.029	.686	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



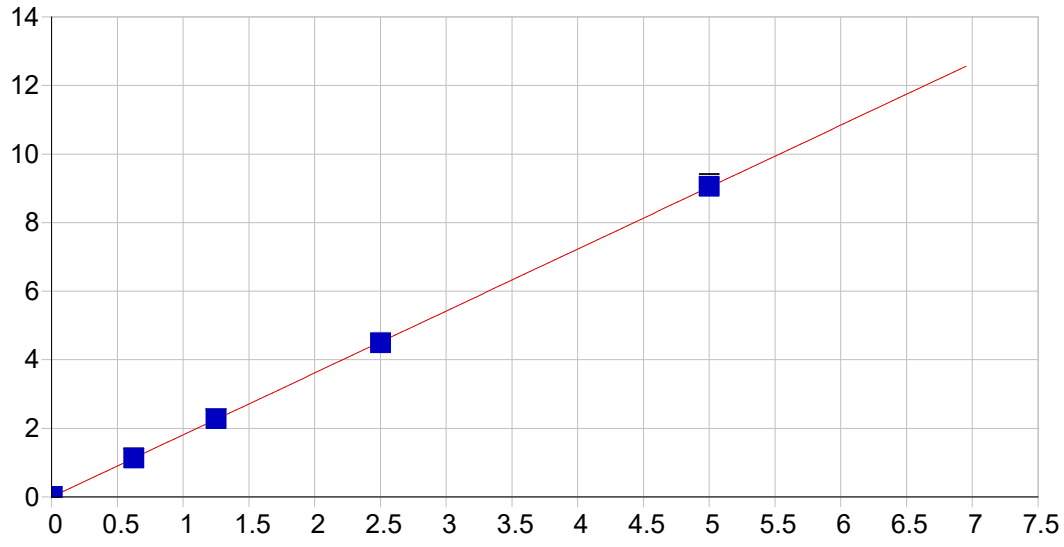
Be 234.861 {144}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000953	Re-Slope:	1.000000
A1 (Gain):	3.389273	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999861	Status:	OK.
Std Error of Est:	0.000211		
Predicted MDL:	0.000119		
Predicted MQL:	0.000396		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00096	.000	1
S1	.00500	.00610	.001	22.1	.01972	.000	1
S2	.12500	.12961	.005	3.69	.43766	.001	1
S3	.25000	.25349	.003	1.39	.85682	.013	1
S4	.50000	.49664	-.003	-.671	1.6796	.007	1
S5	1.0000	.99415	-.006	-.585	3.3630	.003	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



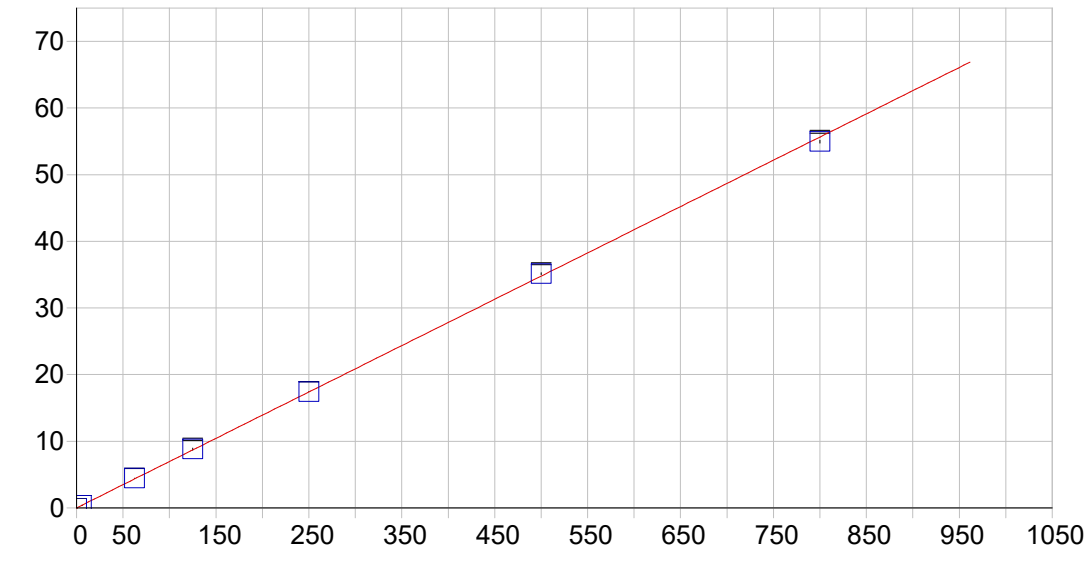
Cd 214.438 {457}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000353	Re-Slope:	1.000000
A1 (Gain):	1.807009	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000081		
Predicted MDL:	0.000154		
Predicted MQL:	0.000512		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00035	.000	1
S1	.00500	.00556	.001	11.1	.01040	.000	1
S2	.62500	.62390	-.001	-.176	1.1305	.003	1
S3	1.2500	1.2592	.009	.739	2.2812	.004	1
S4	2.5000	2.4825	-.017	-.698	4.4972	.009	1
S5	5.0000	5.0088	.009	.175	9.0729	.064	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



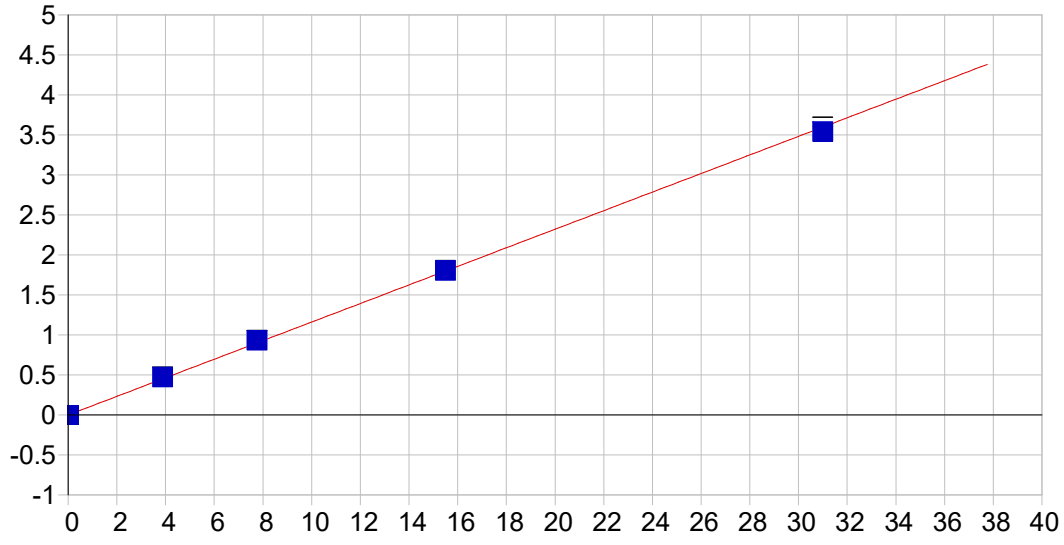
Ca 373.690 { 90}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004286	Re-Slope:	1.000000
A1 (Gain):	0.069559	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.003490		
Predicted MDL:	0.012468		
Predicted MQL:	0.041559		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00097	-.001	.000	.00422	.000	1
S1	5.0000	5.7804	.780	15.6	.40637	.001	1
S2	62.500	63.920	1.42	2.27	4.4505	.013	1
S3	125.00	126.73	1.73	1.39	8.8199	.167	1
S4	250.00	250.57	.568	.227	17.434	.028	1
S5	500.00	505.39	5.39	1.08	35.159	.141	1
S6	800.00	790.11	-9.89	-1.24	54.964	.229	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



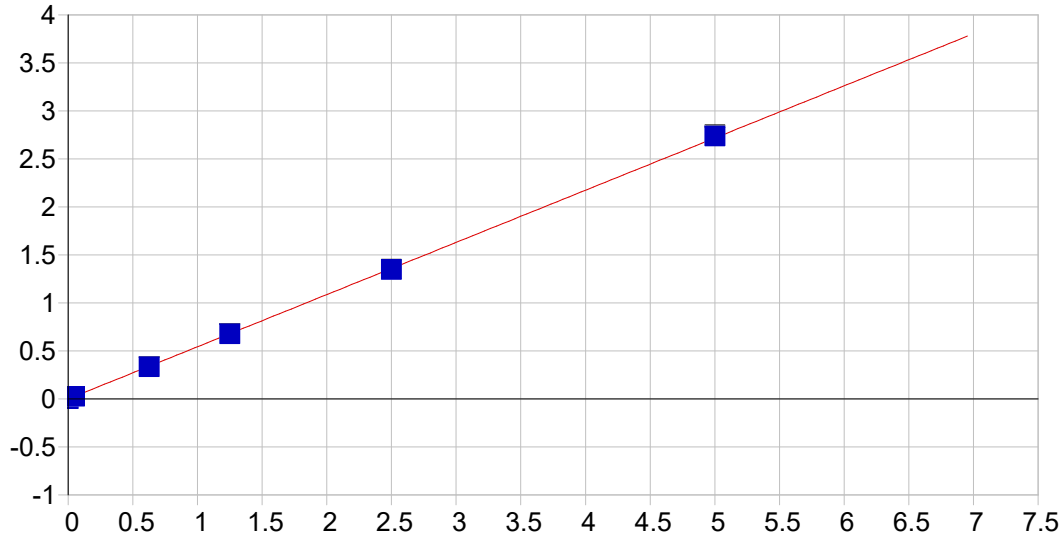
Cr 267.716 {126}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000202	Re-Slope:	1.000000
A1 (Gain):	0.116066	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999752	Status:	OK.
Std Error of Est:	0.000076		
Predicted MDL:	0.001160		
Predicted MQL:	0.003867		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00020	.000	1
S1	.01000	.01256	.003	25.6	.00126	.000	1
S2	3.8750	4.0724	.197	5.10	.47298	.001	1
S3	7.7500	8.0253	.275	3.55	.93227	.001	1
S4	15.500	15.535	.035	.224	1.8049	.002	1
S5	31.000	30.490	-.510	-1.65	3.5427	.058	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



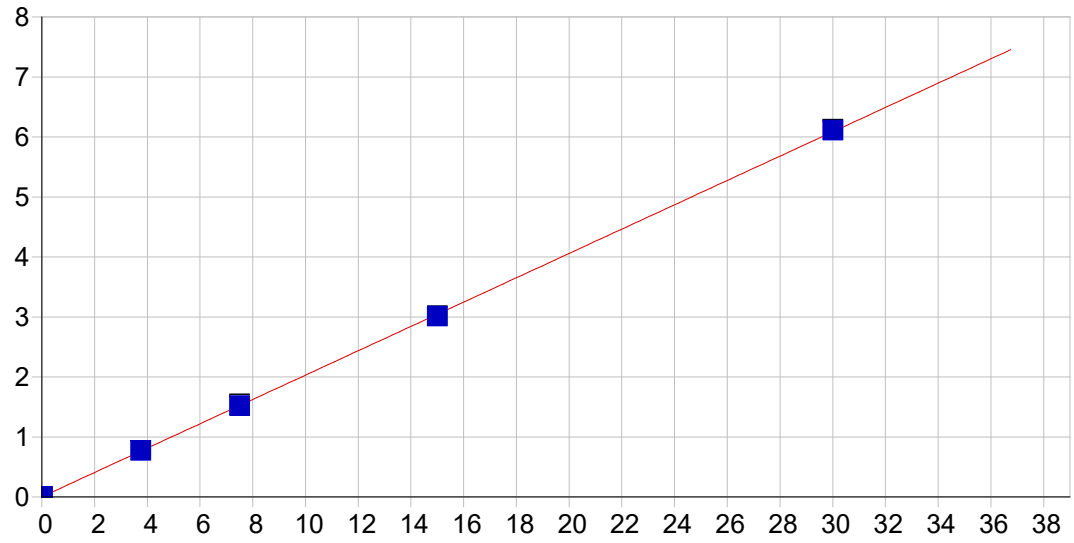
Co 228.616 {448}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000318	Re-Slope:	1.000000
A1 (Gain):	0.543535	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000125		
Predicted MDL:	0.000588		
Predicted MQL:	0.001961		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00032	.000	1
S1	.05000	.05235	.002	4.70	.02823	.000	1
S2	.62500	.61444	-.011	-1.69	.33407	.001	1
S3	1.2500	1.2469	-.003	-.252	.67822	.001	1
S4	2.5000	2.4782	-.022	-.872	1.3483	.002	1
S5	5.0000	5.0332	.033	.663	2.7387	.013	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



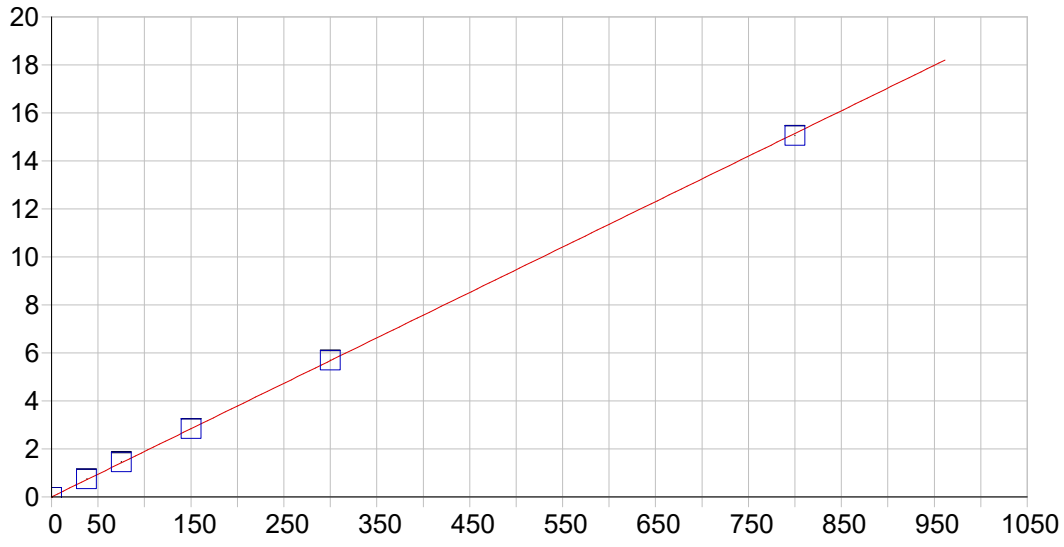
Cu 324.754 {104}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001848	Re-Slope:	1.000000
A1 (Gain):	0.202778	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999974	Status:	OK.
Std Error of Est:	0.000068		
Predicted MDL:	0.002816		
Predicted MQL:	0.009388		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00185	.000	1
S1	.02500	.02738	.002	9.52	.00740	.000	1
S2	3.7500	3.7957	.046	1.22	.77105	.002	1
S3	7.5000	7.4822	-.018	-.238	1.5181	.027	1
S4	15.000	14.844	-.156	-1.04	3.0100	.001	1
S5	30.000	30.125	.125	.418	6.1067	.018	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



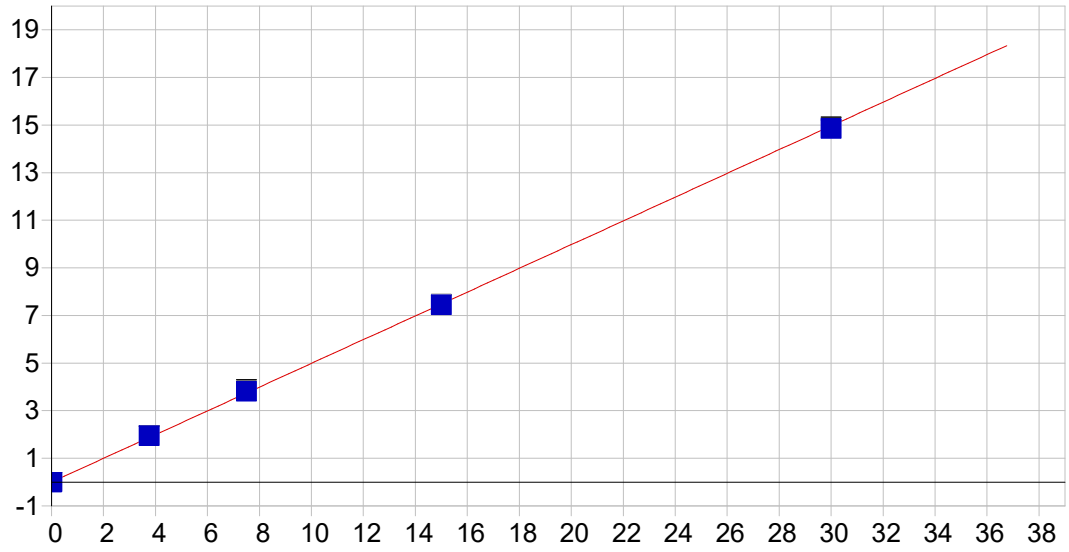
Fe 259.837 {130}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000261	Re-Slope:	1.000000
A1 (Gain):	0.018929	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999948	Status:	OK.
Std Error of Est:	0.000085		
Predicted MDL:	0.013284		
Predicted MQL:	0.044282		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00026	.000	1
S1	.10000	.10966	.010	9.66	.00234	.000	1
S2	37.500	39.149	1.65	4.40	.74130	.001	1
S3	75.000	76.780	1.78	2.37	1.4536	.031	1
S4	150.00	150.27	.271	.181	2.8447	.008	1
S5	300.00	300.75	.751	.250	5.6930	.009	1
S6	800.00	795.54	-4.46	-.558	15.059	.009	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



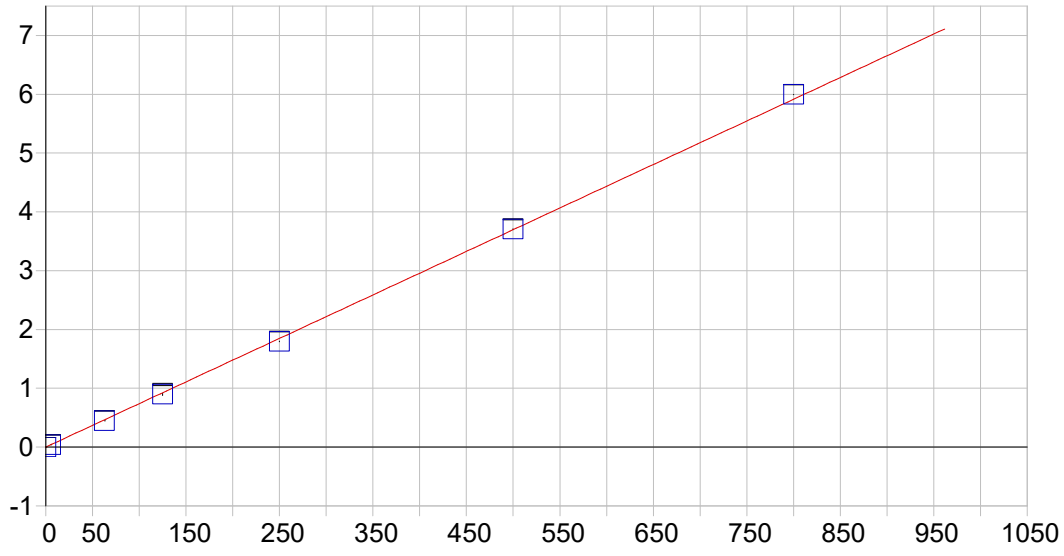
Mn 257.610 {131}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000165	Re-Slope:	1.000000
A1 (Gain):	0.498854	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999905	Status:	OK.
Std Error of Est:	0.000245		
Predicted MDL:	0.000589		
Predicted MQL:	0.001963		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.01500	.01901	.004	26.7	.00933	.000	1
S2	3.7500	3.8885	.138	3.69	1.9399	.007	1
S3	7.5000	7.6411	.141	1.88	3.8122	.072	1
S4	15.000	14.933	-.067	-.448	7.4502	.020	1
S5	30.000	29.784	-.216	-.721	14.860	.063	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



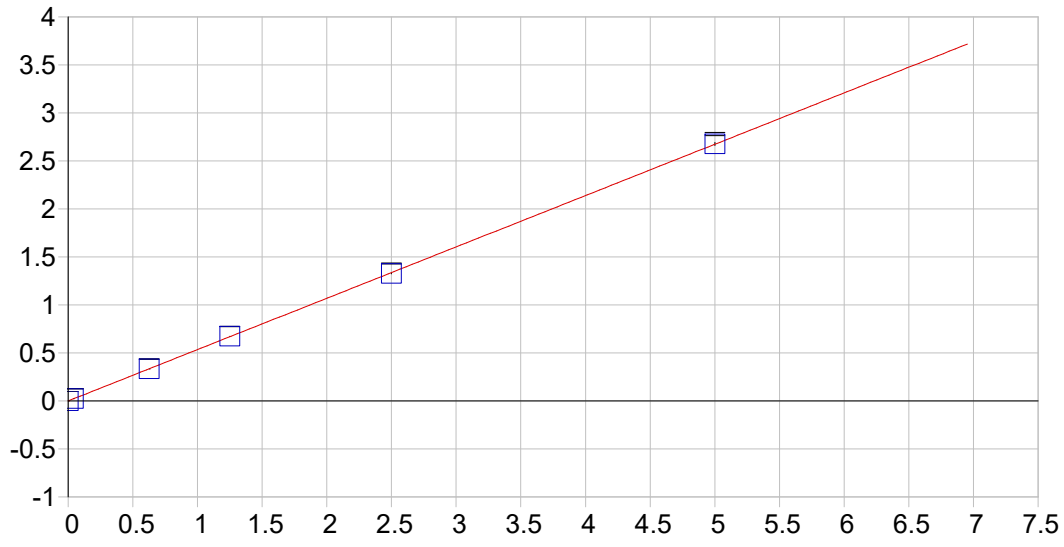
Mg 279.079 {121}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000095	Re-Slope:	1.000000
A1 (Gain):	0.007394	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999839	Status:	OK.
Std Error of Est:	0.000464		
Predicted MDL:	0.040506		
Predicted MQL:	0.135019		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00006	-.000	.000	-.00010	.000	1
S1	5.0000	5.4224	.422	8.45	.04000	.001	1
S2	62.500	60.584	-1.92	-3.07	.44787	.001	1
S3	125.00	121.26	-3.74	-2.99	.89650	.021	1
S4	250.00	242.94	-7.06	-2.82	1.7962	.005	1
S5	500.00	501.21	1.21	.242	3.7059	.008	1
S6	800.00	811.09	11.1	1.39	5.9972	.003	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



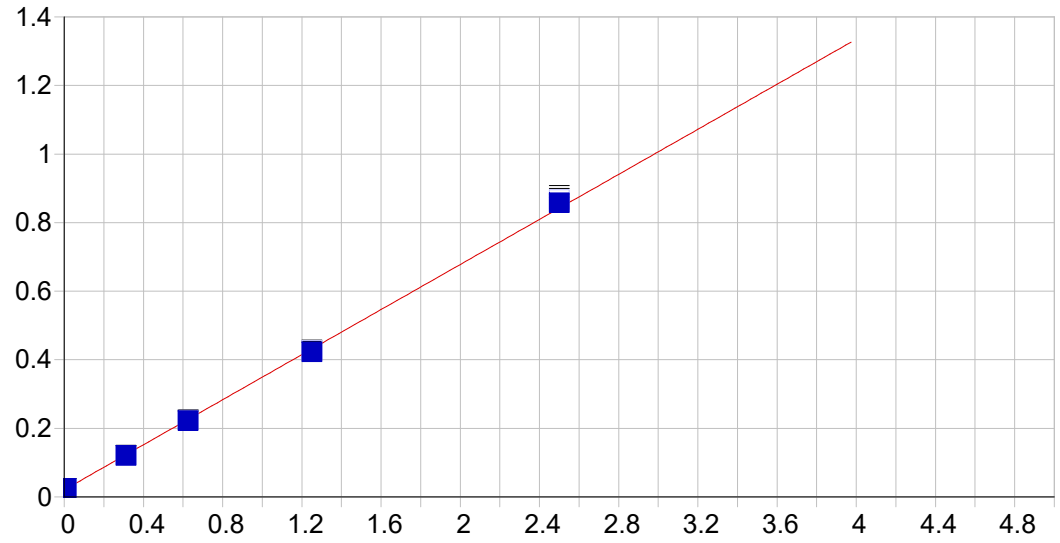
Ni 231.604 {446}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000049	Re-Slope:	1.000000
A1 (Gain):	0.534681	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999952	Status:	OK.
Std Error of Est:	0.000124		
Predicted MDL:	0.000636		
Predicted MQL:	0.002122		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00005	.000	1
S1	.04000	.04548	.005	13.7	.02437	.000	1
S2	.62500	.62266	-.002	-.374	.33298	.001	1
S3	1.2500	1.2568	.007	.548	.67206	.000	1
S4	2.5000	2.4842	-.016	-.633	1.3283	.004	1
S5	5.0000	5.0058	.006	.117	2.6766	.016	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



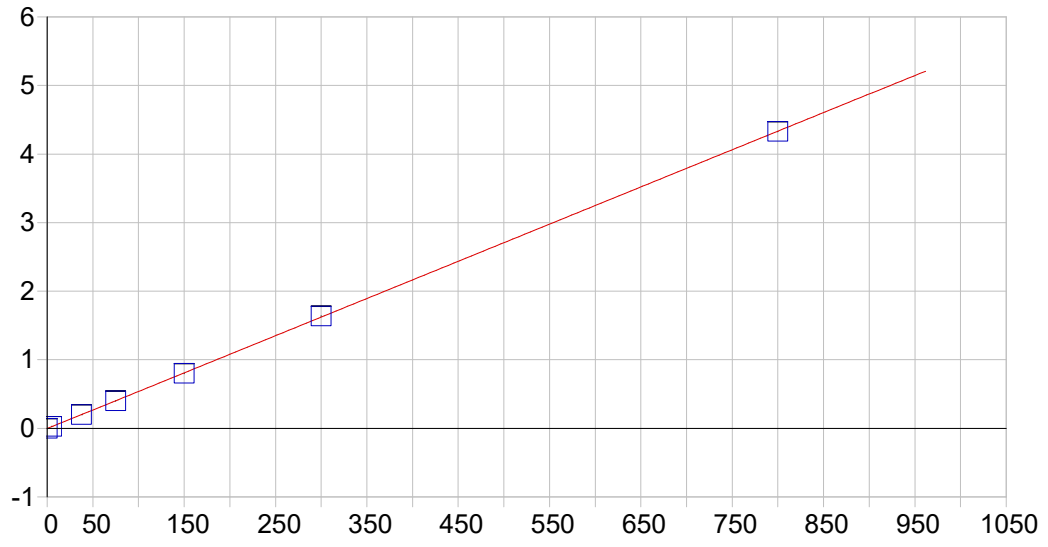
Ag 328.068 {103}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.020745	Re-Slope:	1.000000
A1 (Gain):	0.328605	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999754	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	n/a		
Predicted MQL:	n/a		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.02074	.000	1
S1	.01000	.01176	.002	17.6	.02460	.000	1
S2	.31250	.30310	-.009	-3.01	.12145	.000	1
S3	.62500	.61165	-.013	-2.14	.22395	.001	1
S4	1.2500	1.2233	-.027	-2.14	.42714	.001	1
S5	2.5000	2.5478	.048	1.91	.86680	.013	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



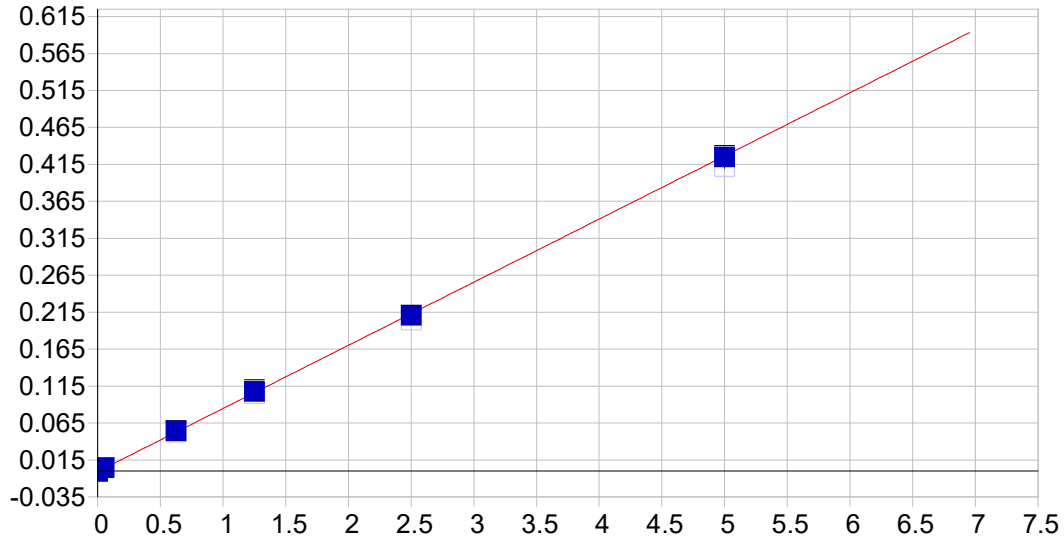
Na 818.326 { 41}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.003534	Re-Slope:	1.000000
A1 (Gain):	0.005421	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999929	Status:	OK.
Std Error of Est:	0.000199		
Predicted MDL:	0.342793		
Predicted MQL:	1.142644		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00081	-.001	.000	-.00354	.001	1
S1	5.0000	5.8608	.861	17.2	.02824	.002	1
S2	37.500	37.567	.067	.178	.20011	.001	1
S3	75.000	74.461	-.539	-.718	.40011	.004	1
S4	150.00	148.27	-1.73	-1.15	.80020	.002	1
S5	300.00	302.42	2.42	.807	1.6358	.005	1
S6	800.00	798.92	-1.08	-.135	4.3273	.002	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



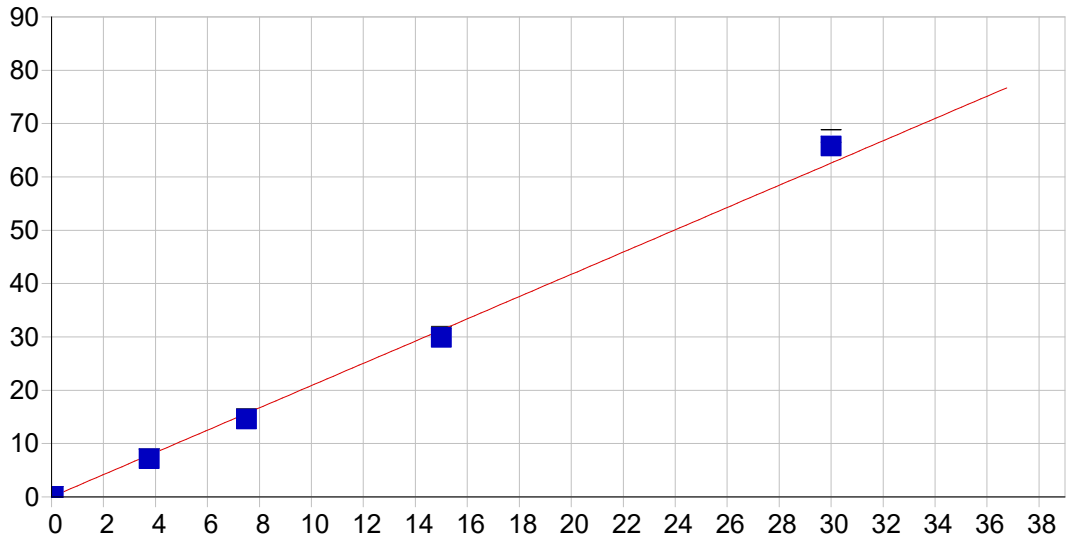
V 292.402 {115}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000726	Re-Slope:	1.000000
A1 (Gain):	0.085442	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999839	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.006461		
Predicted MQL:	0.021538		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00073	.000	1
S1	.05000	.05961	.010	19.2	.00436	.000	1
S2	.62500	.64143	.016	2.63	.05244	.001	1
S3	1.2500	1.2672	.017	1.37	.10426	.003	1
S4	2.5000	2.4737	-.026	-1.05	.20407	.000	1
S5	5.0000	4.9828	-.017	-.344	.41188	.002	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



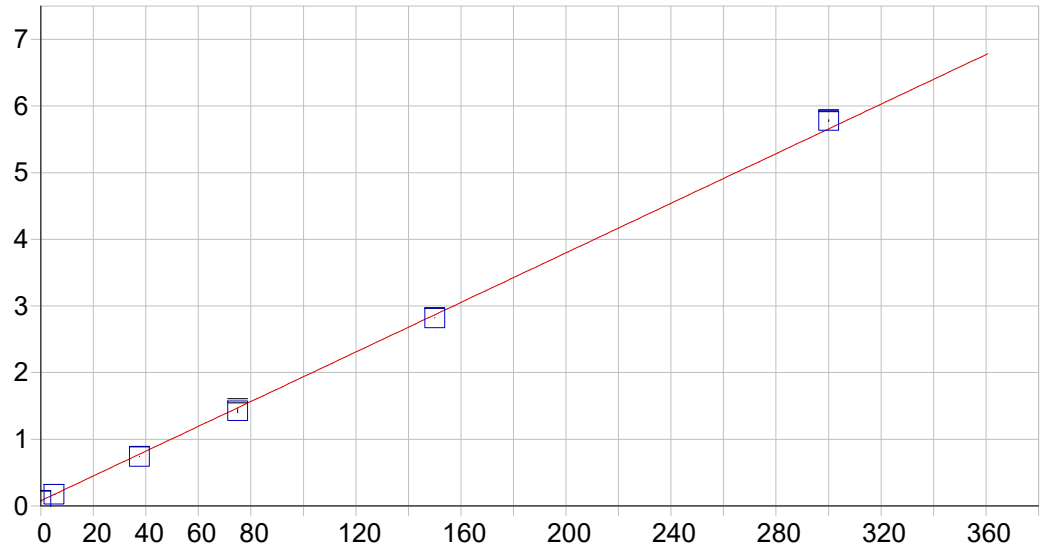
Zn 213.856 {158}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002237	Re-Slope:	1.000000
A1 (Gain):	2.086653	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998429	Status:	OK.
Std Error of Est:	0.008341		
Predicted MDL:	0.000541		
Predicted MQL:	0.001804		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00223	.001	1
S1	.06000	.07144	.011	19.1	.15192	.003	1
S2	3.7500	3.4081	-.342	-9.12	7.1233	.006	1
S3	7.5000	6.9792	-.521	-6.94	14.584	.076	1
S4	15.000	14.324	-.676	-4.51	29.929	.170	1
S5	30.000	31.527	1.53	5.09	65.865	1.17	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



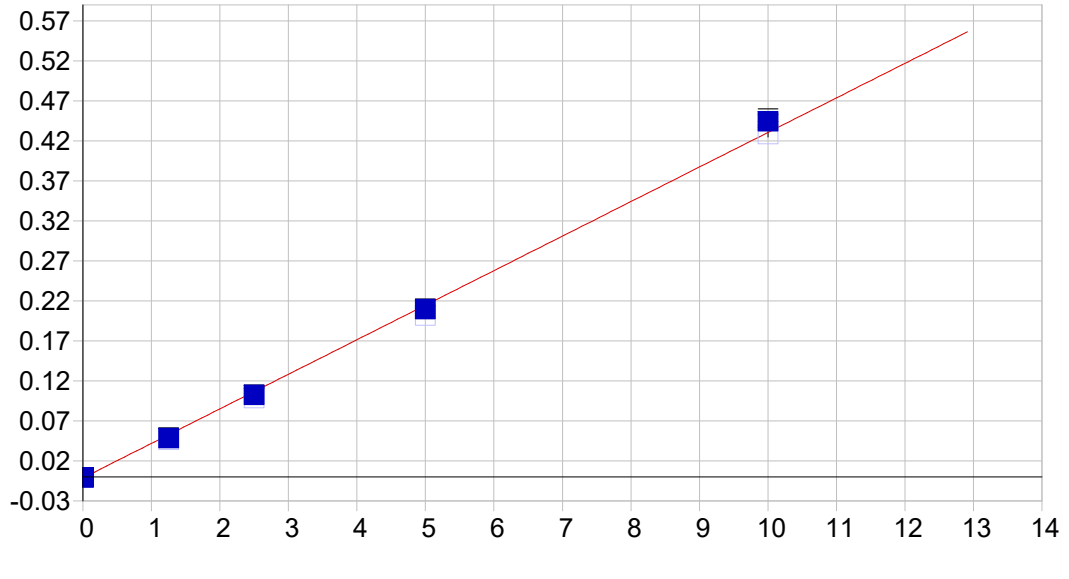
K 769.896 { 44}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.077967	Re-Slope:	1.000000
A1 (Gain):	0.018597	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999688	Status:	OK.
Std Error of Est:	0.000957		
Predicted MDL:	0.125574		
Predicted MQL:	0.418580		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00030	.000	.000	.07797	.002	1
S1	5.0000	5.0753	.075	1.51	.17235	.001	1
S2	37.500	35.696	-1.80	-4.81	.74180	.001	1
S3	75.000	72.597	-2.40	-3.20	1.4280	.031	1
S4	150.00	147.49	-2.51	-1.67	2.8209	.003	1
S5	300.00	306.64	6.64	2.21	5.7804	.013	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



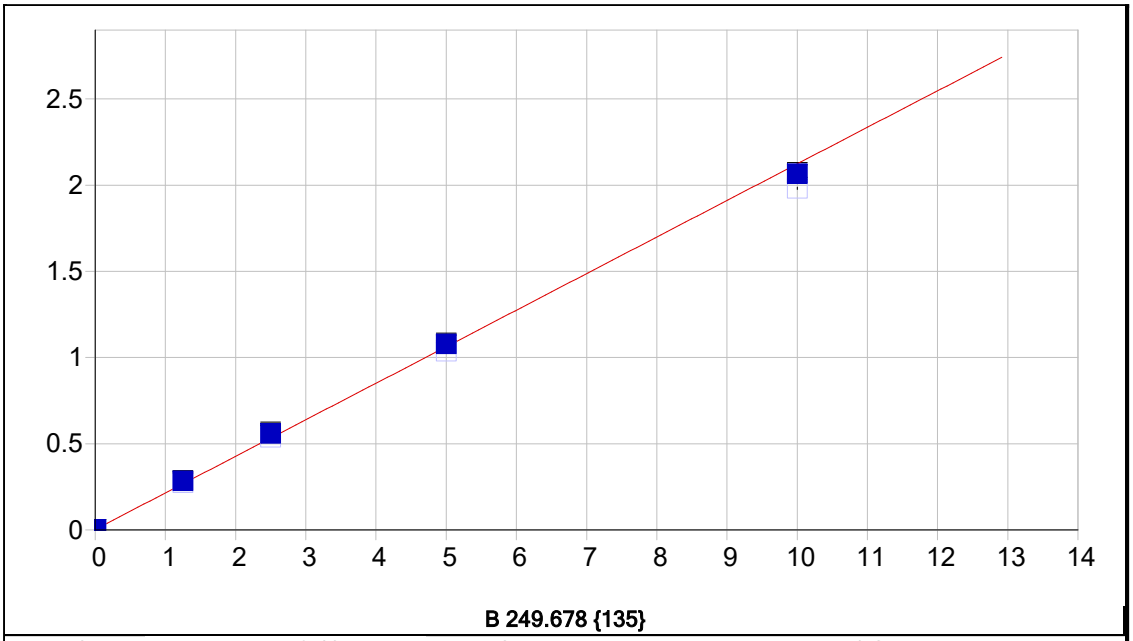
P 177.495 {490}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001290	Re-Slope:	1.000000
A1 (Gain):	0.043186	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999290	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.004392		
Predicted MQL:	0.014641		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00129	.000	1
S1	.01000	.00969	-.000	-3.14	-.00088	.000	1
S2	1.2500	1.1497	-.100	-8.02	.04638	.000	1
S3	2.5000	2.3993	-.101	-4.03	.09836	.000	1
S4	5.0000	4.8850	-.115	-2.30	.20174	.000	1
S5	10.000	10.316	.316	3.16	.42835	.003	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



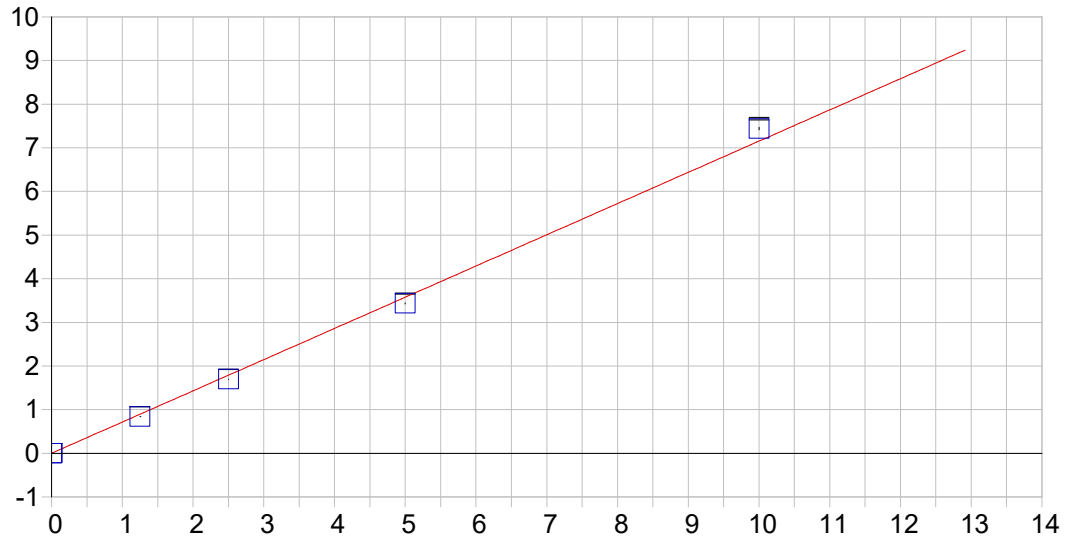
B 249.678 {135}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002406	Re-Slope:	1.000000
A1 (Gain):	0.212099	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999064	Status:	OK.
Std Error of Est:	0.000148		
Predicted MDL:	0.001949		
Predicted MQL:	0.006498		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00241	.000	1
S1	.01000	-.00150	-.012	-115.	.00207	.000	1
S2	1.2500	1.3286	.079	6.29	.27349	.002	1
S3	2.5000	2.6220	.122	4.88	.53714	.009	1
S4	5.0000	5.0770	.077	1.54	1.0364	.005	1
S5	10.000	9.7342	-.266	-2.66	1.9814	.006	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



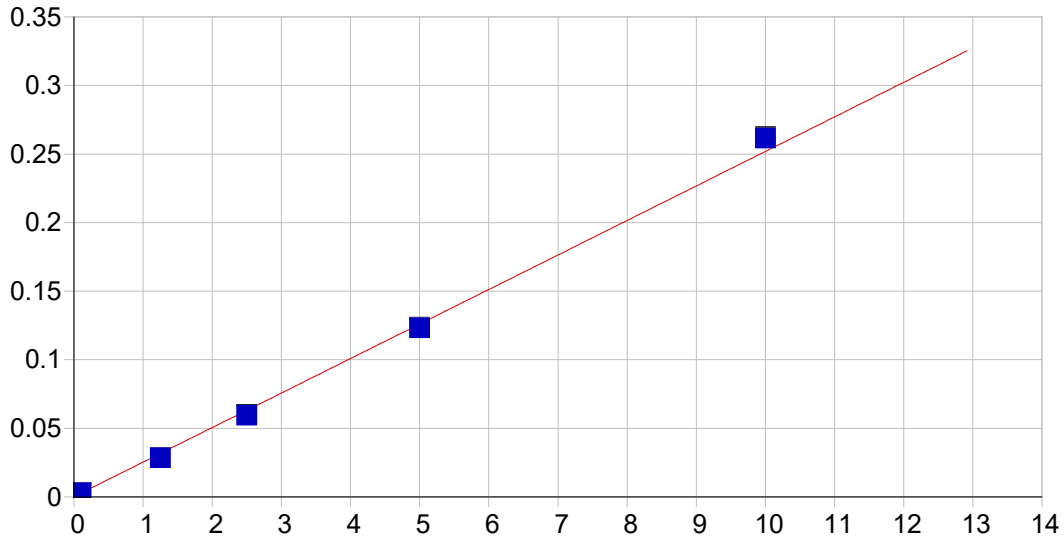
Mo 202.030 {467}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000179	Re-Slope:	1.000000
A1 (Gain):	0.715331	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999065	Status:	OK.
Std Error of Est:	0.000519		
Predicted MDL:	0.000575		
Predicted MQL:	0.001915		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00018	.000	1
S1	.01000	.01068	.001	6.77	.00746	.000	1
S2	1.2500	1.1751	-.075	-5.99	.84039	.002	1
S3	2.5000	2.3718	-.128	-5.13	1.6964	.001	1
S4	5.0000	4.8010	-.199	-3.98	3.4342	.012	1
S5	10.000	10.401	.401	4.01	7.4403	.033	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



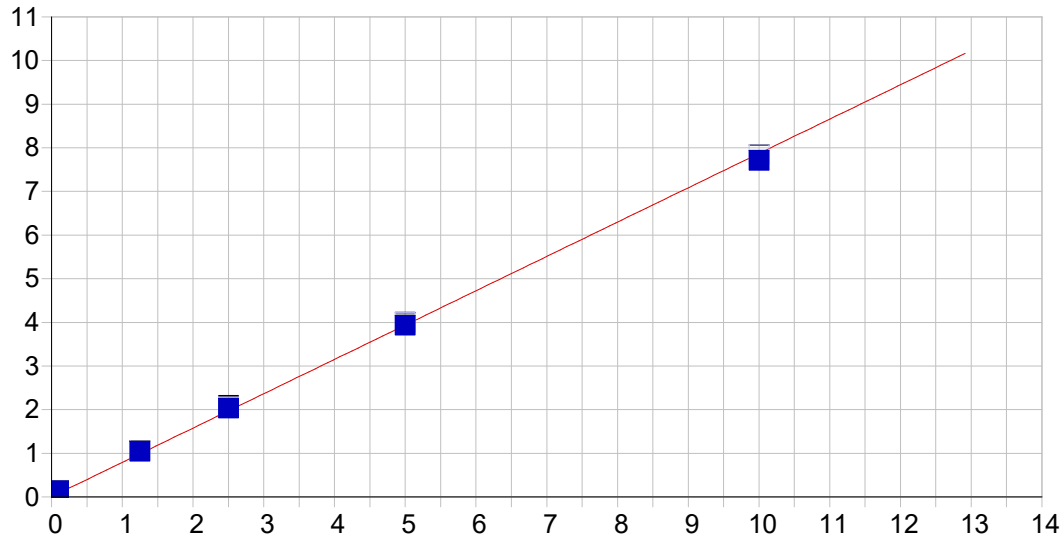
S 182.034 {485}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000222	Re-Slope:	1.000000
A1 (Gain):	0.025168	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998963	Status:	OK.
Std Error of Est:	0.000061		
Predicted MDL:	0.007247		
Predicted MQL:	0.024157		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00022	.000	1
S1	.10000	.10747	.007	7.47	.00293	.000	1
S2	1.2500	1.1203	-.130	-10.4	.02842	.000	1
S3	2.5000	2.3591	-.141	-5.64	.05960	.000	1
S4	5.0000	4.8829	-.117	-2.34	.12312	.001	1
S5	10.000	10.380	.380	3.80	.26149	.001	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



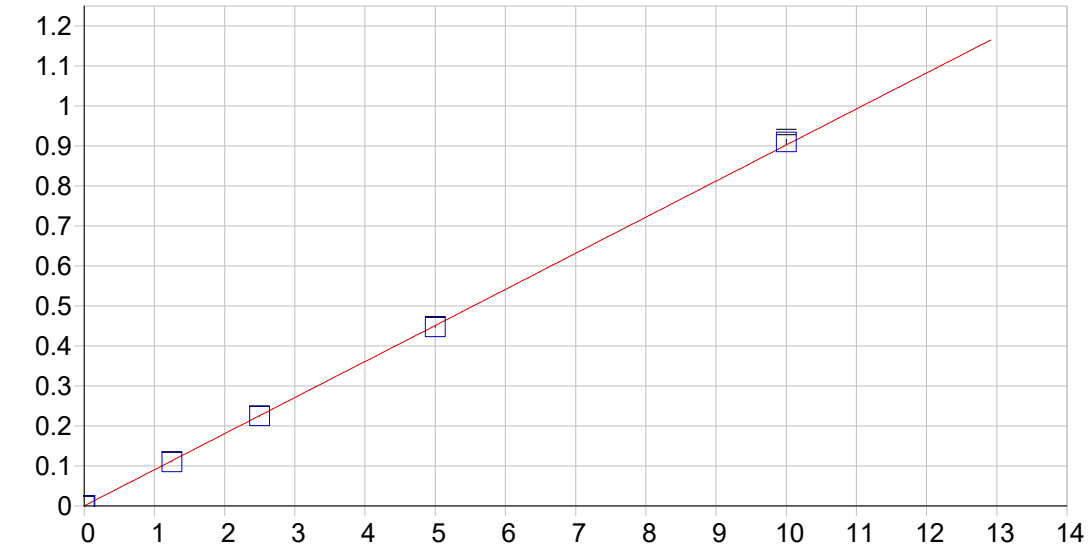
Si 251.611 {134}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004970	Re-Slope:	1.000000
A1 (Gain):	0.786594	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998483	Status:	OK.
Std Error of Est:	0.002342		
Predicted MDL:	0.000493		
Predicted MQL:	0.001645		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00008	-.000	.000	.00491	.000	1
S1	.10000	.17007	.070	70.1	.13927	.001	1
S2	1.2500	1.3178	.068	5.42	1.0574	.003	1
S3	2.5000	2.5729	.073	2.92	2.0606	.039	1
S4	5.0000	4.9949	-.005	-.102	3.9975	.007	1
S5	10.000	9.7949	-.205	-2.05	7.8368	.006	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



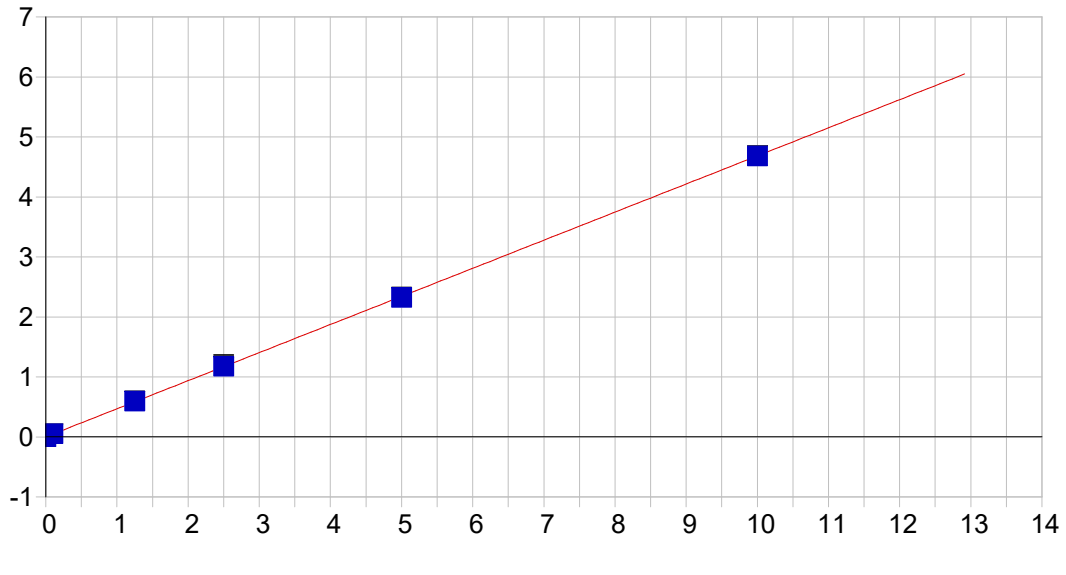
Sn 189.989 {478}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000198	Re-Slope:	1.000000
A1 (Gain):	0.090218	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999936	Status:	OK.
Std Error of Est:	0.000014		
Predicted MDL:	0.002010		
Predicted MQL:	0.006701		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00020	.000	1
S1	.00700	.00858	.002	22.6	.00097	.000	1
S2	1.2500	1.2161	-.034	-2.71	.10991	.000	1
S3	2.5000	2.4867	-.013	-.533	.22454	.001	1
S4	5.0000	4.9606	-.039	-.788	.44773	.001	1
S5	10.000	10.085	.085	.851	.91005	.007	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



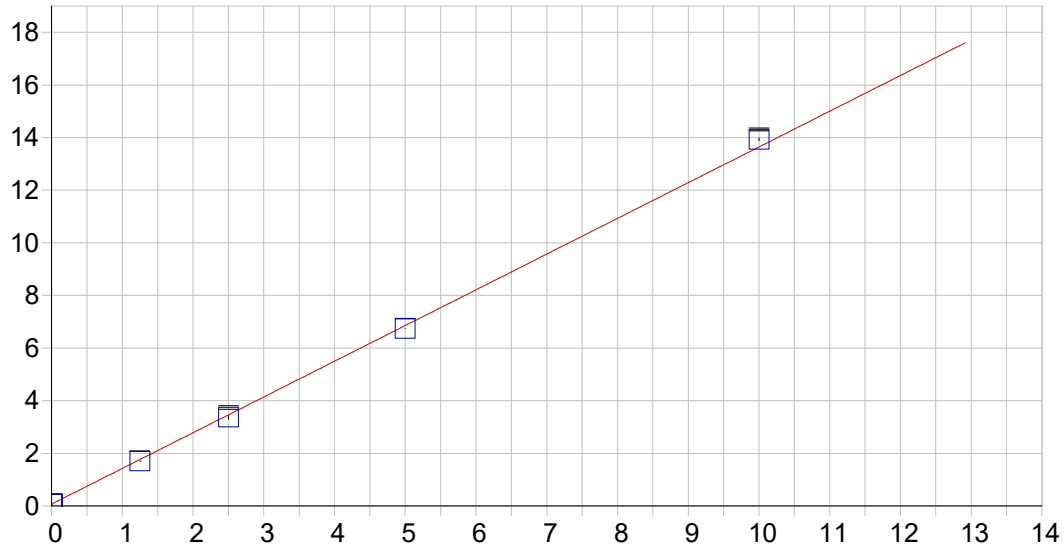
Ti 336.121 {100}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000000	Re-Slope:	1.000000
A1 (Gain):	0.468376	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999947	Status:	OK.
Std Error of Est:	0.000257		
Predicted MDL:	0.001335		
Predicted MQL:	0.004450		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00001	.001	1
S1	.10000	.11109	.011	11.1	.05201	.001	1
S2	1.2500	1.2713	.021	1.70	.59513	.000	1
S3	2.5000	2.5125	.012	.500	1.1762	.024	1
S4	5.0000	4.9581	-.042	-.837	2.3211	.005	1
S5	10.000	9.9970	-.003	-.030	4.6800	.011	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



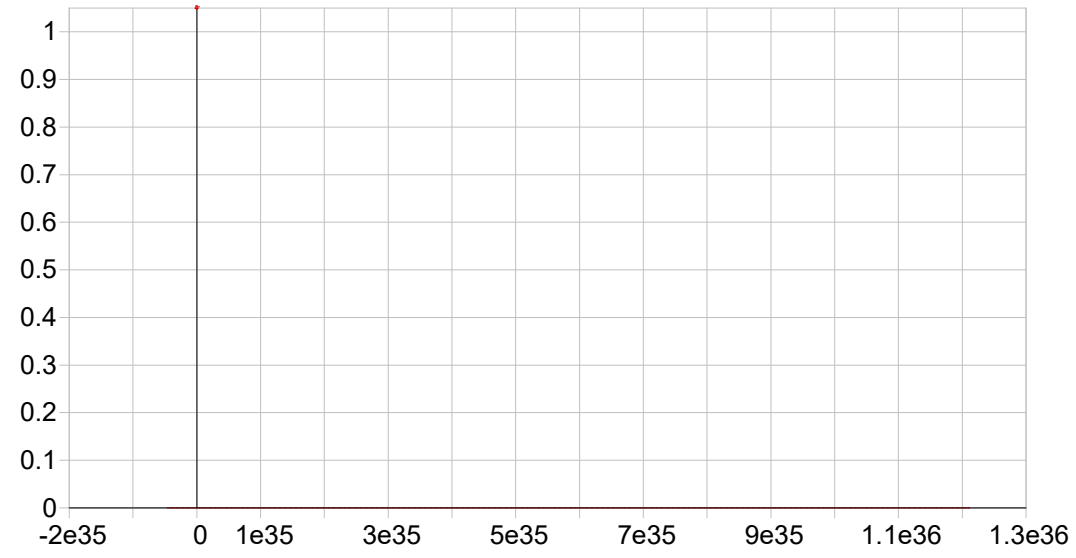
Li 670.784 { 50}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.067757	Re-Slope:	1.000000
A1 (Gain):	1.357791	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999645	Status:	OK.
Std Error of Est:	0.000743		
Predicted MDL:	0.001376		
Predicted MQL:	0.004588		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.06777	.002	1
S5	10.000	10.211	.211	2.11	13.933	.052	1
S4	5.0000	4.9156	-.084	-1.69	6.7421	.008	1
S3	2.5000	2.4273	-.073	-2.91	3.3635	.067	1
S2	1.2500	1.2029	-.047	-3.76	1.7011	.004	1
S1	.01500	.00771	-.007	-48.6	.07823	.002	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

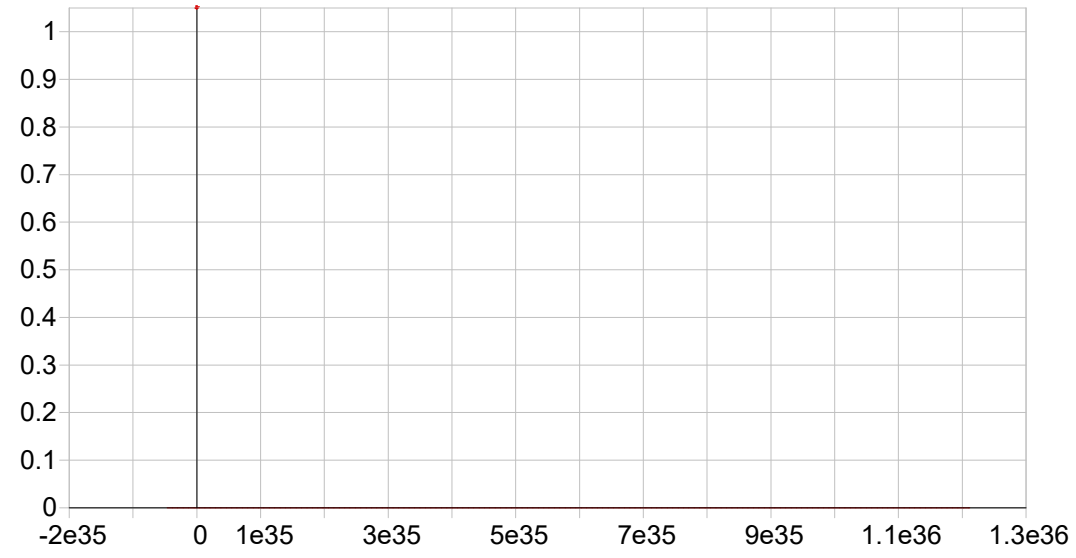


Y 224.306 {450}*

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}*

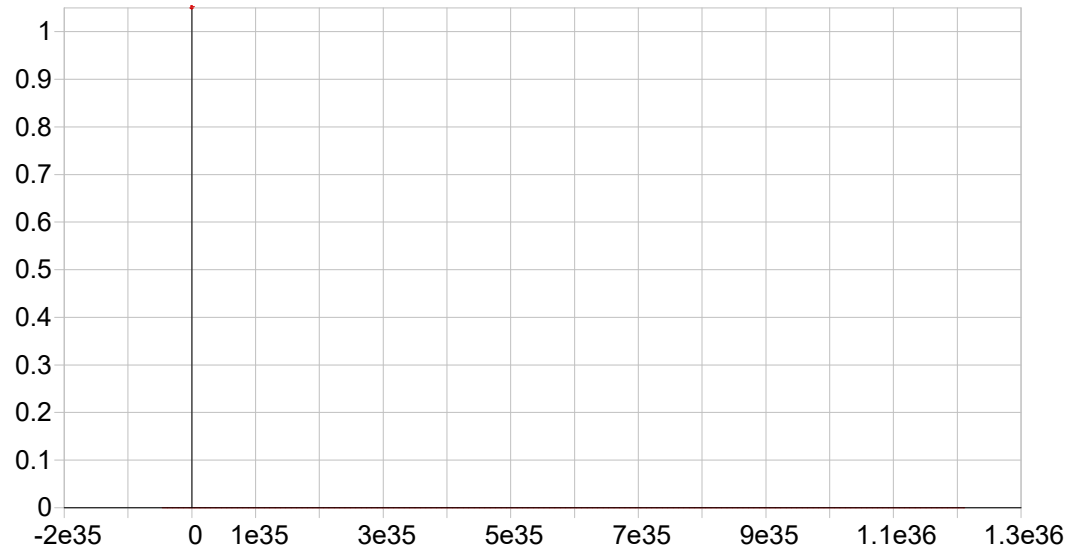
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:12/5/2024 8:14:16 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



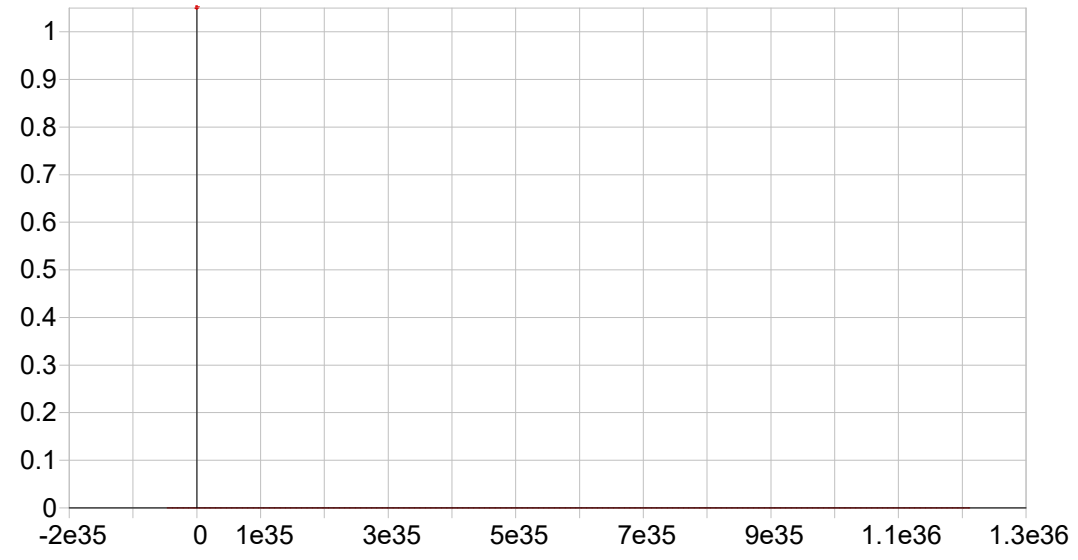
Y 371.030 { 91}*

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

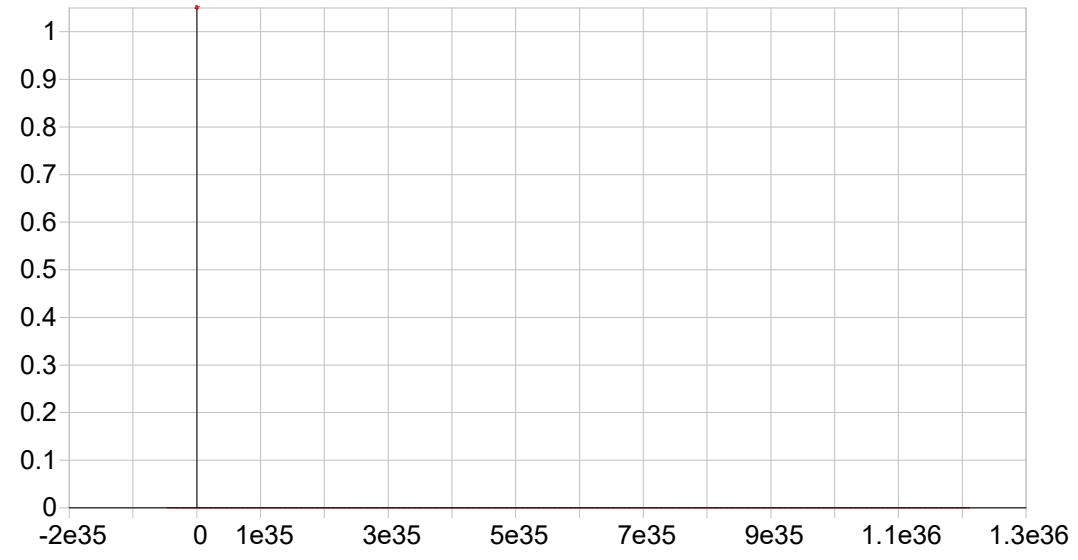
Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5



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



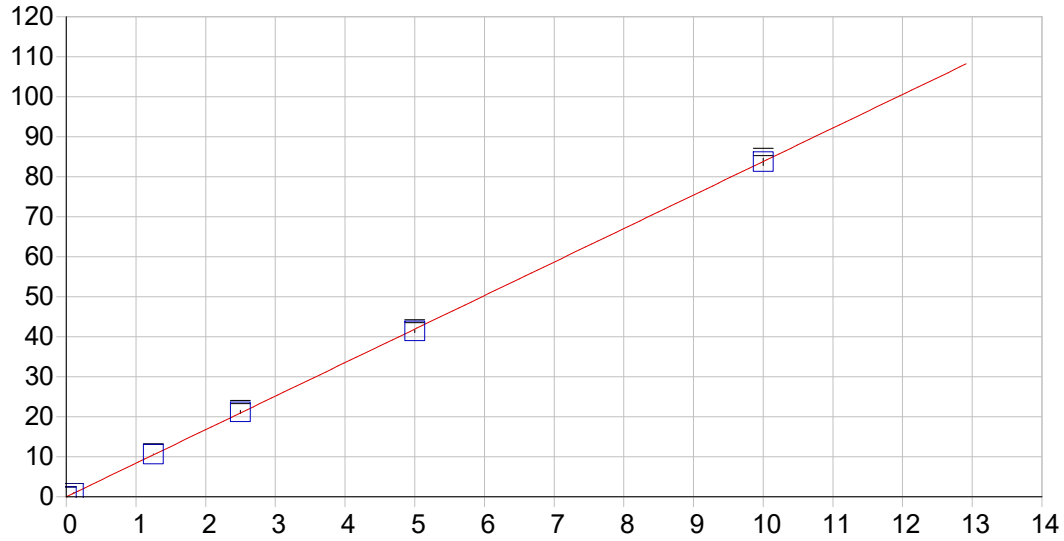
In 230.606 {446}*

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:12/5/2024 8:14:16 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



Sr 407.771 { 83}

Date of Fit:	12/02/2024 7:50:46	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000828	Re-Slope:	1.000000
A1 (Gain):	8.380198	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999910	Status:	OK.
Std Error of Est:	0.005990		
Predicted MDL:	0.000107		
Predicted MQL:	0.000356		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00002	-.000	.000	.00070	.000	1
S1	.10000	.11412	.014	14.1	.95718	.002	1
S2	1.2500	1.2727	.023	1.82	10.666	.023	1
S3	2.5000	2.5274	.027	1.10	21.181	.409	1
S4	5.0000	4.9410	-.059	-1.18	41.407	.390	1
S5	10.000	9.9948	-.005	-.052	83.759	.920	1

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/02/2024 15:21:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	-.00016	-.00037	-.00020	-.00001	-.00003	-.00228	-.00216	-.00096
Stddev	.00015	.00009	.00033	.00015	.00033	.00008	.00287	.00048
%RSD	93.771	25.132	163.29	1107.4	1278.3	3.3580	132.62	49.995
#1	-.00004	-.00041	.00018	.00015	-.00010	-.00229	-.00168	-.00072
#2	-.00033	-.00027	-.00036	-.00005	.00033	-.00235	-.00524	-.00064
#3	-.00011	-.00045	-.00043	-.00014	-.00031	-.00220	.00043	-.00151

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	.00035	.00422	-.00020	-.00032	.00185	.00026	-.00017	-.00010
Stddev	.00009	.00035	.00009	.00021	.00015	.00015	.00016	.00013
%RSD	26.833	8.3951	46.871	66.498	8.3473	57.696	95.210	135.96
#1	.00044	.00431	-.00012	-.00037	.00170	.00043	-.00003	-.00011
#2	.00025	.00452	-.00031	-.00050	.00184	.00022	-.00034	.00004
#3	.00036	.00383	-.00017	-.00009	.00201	.00014	-.00013	-.00022

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	.00005	.02074	-.00354	-.00073	.00223	.07797	-.00129	.00241
Stddev	.00018	.00028	.00102	.00031	.00136	.00248	.00010	.00016
%RSD	385.24	1.3301	28.901	42.691	60.754	3.1764	7.4758	6.6167
#1	-.00005	.02106	-.00280	-.00062	.00092	.08014	-.00136	.00259
#2	.00025	.02061	-.00311	-.00048	.00363	.07850	-.00118	.00236
#3	-.00006	.02056	-.00471	-.00108	.00215	.07527	-.00133	.00228

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	-.00018	.00022	.00491	.00020	-.00001	.06777	.00070
Stddev	.00043	.00008	.00027	.00005	.00087	.00222	.00008
%RSD	241.38	34.570	5.4780	27.173	15732.	3.2780	11.386
#1	-.00045	.00013	.00505	.00021	-.00063	.06834	.00063
#2	-.00041	.00026	.00508	.00024	-.00037	.06965	.00068
#3	.00032	.00027	.00460	.00014	.00098	.06532	.00078

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/02/2024 15:21:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	1001.8	29499.	5655.6	877.64	1845.6
Stddev	2.1	191.	55.1	4.23	7.7
%RSD	.20499	.64877	.97376	.48188	.41519
#1	1001.7	29280.	5650.3	872.76	1843.0
#2	1003.9	29635.	5603.4	880.29	1854.2
#3	999.75	29581.	5713.2	879.86	1839.5

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/02/2024 15:26:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	.00016	.00125	.00087	.00206	.00896	.01374	.80120	.01972
Stddev	.00011	.00014	.00057	.00018	.00026	.00025	.00317	.00035
%RSD	71.840	11.263	65.607	8.9718	2.9308	1.8417	.39580	1.7588
#1	.00003	.00112	.00148	.00192	.00897	.01396	.80171	.02007
#2	.00026	.00123	.00035	.00227	.00921	.01380	.79780	.01938
#3	.00019	.00140	.00078	.00200	.00869	.01346	.80408	.01972

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	.01040	.40637	.00126	.02823	.00740	.00234	.00933	.04000
Stddev	.00014	.00105	.00004	.00040	.00031	.00028	.00045	.00067
%RSD	1.3939	.25885	3.0987	1.4232	4.2578	11.820	4.8295	1.6778
#1	.01023	.40730	.00121	.02778	.00709	.00237	.00956	.03922
#2	.01051	.40657	.00129	.02834	.00739	.00260	.00963	.04039
#3	.01045	.40523	.00127	.02857	.00772	.00205	.00882	.04038

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	.02437	.02460	.02824	.00436	.15192	.17235	-.00088	.00207
Stddev	.00015	.00017	.00196	.00035	.00264	.00103	.00004	.00042
%RSD	.62873	.69980	6.9478	8.1230	1.7397	.59492	4.2953	20.548
#1	.02454	.02472	.03029	.00452	.15382	.17199	-.00085	.00211
#2	.02426	.02467	.02639	.00460	.14890	.17155	-.00092	.00247
#3	.02429	.02440	.02803	.00395	.15304	.17351	-.00087	.00162

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00746	.00293	.13927	.00097	.05201	.07823	.95718
Stddev	.00032	.00003	.00076	.00013	.00065	.00168	.00212
%RSD	4.3338	.98860	.54779	13.537	1.2564	2.1516	.22168
#1	.00747	.00289	.13854	.00084	.05194	.07792	.95835
#2	.00713	.00294	.14007	.00111	.05270	.08005	.95846
#3	.00778	.00295	.13921	.00097	.05140	.07673	.95473

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/02/2024 15:26:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	993.94	29377.	5693.6	871.62	1793.9
Stddev	3.01	97.	15.4	6.69	3.7
%RSD	.30271	.32982	.26978	.76741	.20572
#1	993.18	29297.	5676.0	864.39	1794.3
#2	997.25	29350.	5704.4	877.59	1797.4
#3	991.38	29485.	5700.3	872.88	1790.0

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/02/2024 15:30:52 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	.03146	.07095	.82147	.06344	.17967	2.9870	8.9009	.43766
Stddev	.00008	.00046	.00224	.00024	.00042	.0049	.0238	.00116
%RSD	.26302	.65451	.27246	.37509	.23494	.16448	.26752	.26397
#1	.03156	.07141	.82007	.06353	.18001	2.9813	8.8852	.43636
#2	.03141	.07096	.82029	.06317	.17981	2.9897	8.9283	.43804
#3	.03142	.07048	.82405	.06362	.17920	2.9900	8.8892	.43857

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.1305	4.4505	.47298	.33407	.77105	.74130	1.9399	.44787
Stddev	.0030	.0131	.00094	.00082	.00186	.00100	.0068	.00084
%RSD	.26559	.29441	.19906	.24429	.24157	.13547	.34861	.18648
#1	1.1284	4.4408	.47256	.33379	.76901	.74016	1.9325	.44733
#2	1.1291	4.4654	.47232	.33342	.77148	.74205	1.9458	.44744
#3	1.1339	4.4454	.47406	.33498	.77266	.74168	1.9414	.44883

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	.33298	.12145	.20011	.05244	7.1233	.74180	.04638	.27349
Stddev	.00057	.00022	.00075	.00053	.0063	.00095	.00025	.00174
%RSD	.17000	.17921	.37463	1.0126	.08920	.12756	.54017	.63474
#1	.33262	.12141	.19940	.05198	7.1302	.74074	.04667	.27183
#2	.33267	.12169	.20090	.05231	7.1222	.74207	.04627	.27336
#3	.33363	.12126	.20002	.05302	7.1177	.74258	.04620	.27529

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.84039	.02842	1.0574	.10991	.59513	1.7011	10.666
Stddev	.00232	.00021	.0032	.00023	.00045	.0040	.023
%RSD	.27587	.74621	.30353	.20972	.07482	.23486	.21338
#1	.83925	.02859	1.0552	.10978	.59538	1.6986	10.643
#2	.83886	.02848	1.0561	.11018	.59540	1.7057	10.688
#3	.84306	.02818	1.0611	.10977	.59462	1.6990	10.668

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/02/2024 15:30:52 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	952.61	28593.	5707.2	828.80	1618.3
Stddev	.90	15.	20.2	1.26	2.8
%RSD	.09454	.05177	.35451	.15190	.17260
#1	953.61	28605.	5730.2	829.44	1620.8
#2	952.36	28576.	5699.7	827.35	1618.8
#3	951.87	28597.	5691.9	829.60	1615.3

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/02/2024 15:35:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	.06545	.14178	1.6615	.12873	.36703	5.9828	17.741	.85682
Stddev	.00018	.00026	.0038	.00030	.00025	.1161	.343	.01311
%RSD	.28162	.18124	.23081	.23505	.06750	1.9413	1.9305	1.5297
#1	.06529	.14195	1.6575	.12887	.36699	6.0172	17.837	.86187
#2	.06565	.14191	1.6618	.12838	.36729	5.8533	17.361	.84193
#3	.06541	.14149	1.6652	.12893	.36680	6.0777	18.026	.86664

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	2.2812	8.8199	.93227	.67822	1.5181	1.4536	3.8122	.89650
Stddev	.0039	.1668	.00142	.00128	.0275	.0313	.0717	.02124
%RSD	.17037	1.8917	.15231	.18804	1.8089	2.1529	1.8807	2.3687
#1	2.2803	8.8778	.93069	.67881	1.5250	1.4638	3.8335	.90277
#2	2.2779	8.6318	.93267	.67676	1.4878	1.4185	3.7322	.87283
#3	2.2855	8.9500	.93345	.67910	1.5414	1.4785	3.8708	.91389

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	.67206	.22395	.40011	.10426	14.584	1.4280	.09836	.53714
Stddev	.00049	.00052	.00400	.00251	.076	.0307	.00026	.00893
%RSD	.07261	.23304	.99946	2.4107	.51865	2.1497	.26937	1.6629
#1	.67262	.22344	.40117	.10524	14.584	1.4359	.09847	.54040
#2	.67180	.22392	.39568	.10141	14.660	1.3942	.09855	.52703
#3	.67176	.22449	.40346	.10614	14.509	1.4540	.09806	.54398

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.6964	.05960	2.0606	.22454	1.1762	3.3635	21.181
Stddev	.0015	.00028	.0394	.00050	.0237	.0667	.409
%RSD	.08786	.47629	1.9133	.22347	2.0174	1.9827	1.9291
#1	1.6978	.05953	2.0752	.22431	1.1831	3.3788	21.289
#2	1.6948	.05936	2.0160	.22420	1.1498	3.2905	20.729
#3	1.6966	.05991	2.0907	.22512	1.1957	3.4212	21.525

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/02/2024 15:35:16 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	910.56	27836.	5689.1	775.27	1523.0
Stddev	1.40	60.	97.0	4.87	1.1
%RSD	.15376	.21478	1.7049	.62867	.07336
#1	908.97	27886.	5658.5	774.28	1522.8
#2	911.10	27769.	5797.7	770.97	1524.2
#3	911.62	27852.	5611.0	780.56	1522.0

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/02/2024 15:39:40 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	.13585	.27474	3.2794	.26185	.76102	12.066	35.116	1.6796
Stddev	.00022	.00042	.0076	.00140	.00428	.020	.279	.0066
%RSD	.15883	.15295	.23158	.53603	.56238	.16820	.79501	.39591
#1	.13584	.27483	3.2736	.26061	.75754	12.044	34.866	1.6825
#2	.13607	.27510	3.2880	.26157	.75974	12.084	35.417	1.6843
#3	.13563	.27428	3.2767	.26337	.76580	12.070	35.066	1.6720

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4.4972	17.434	1.8049	1.3483	3.0100	2.8447	7.4502	1.7962
Stddev	.0086	.028	.0021	.0017	.0007	.0077	.0201	.0052
%RSD	.19007	.15873	.11585	.12752	.02259	.27115	.27005	.28829
#1	4.4911	17.435	1.8047	1.3479	3.0093	2.8363	7.4422	1.7910
#2	4.5069	17.461	1.8071	1.3502	3.0102	2.8515	7.4731	1.8013
#3	4.4935	17.405	1.8029	1.3469	3.0106	2.8463	7.4354	1.7964

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	1.3283	.42714	.80020	.20407	29.929	2.8209	.20174	1.0364
Stddev	.0037	.00119	.00209	.00043	.170	.0029	.00034	.0052
%RSD	.27757	.27910	.26078	.21116	.56684	.10314	.16952	.50438
#1	1.3246	.42658	.79784	.20443	30.101	2.8175	.20153	1.0415
#2	1.3320	.42851	.80096	.20419	29.762	2.8227	.20213	1.0368
#3	1.3283	.42633	.80180	.20359	29.925	2.8224	.20155	1.0310

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.4342	.12312	3.9975	.44773	2.3211	6.7421	41.407
Stddev	.0116	.00057	.0070	.00118	.0048	.0077	.390
%RSD	.33807	.46626	.17423	.26251	.20491	.11484	.94092
#1	3.4281	.12262	4.0019	.44656	2.3184	6.7379	41.235
#2	3.4269	.12375	4.0012	.44891	2.3266	6.7510	41.853
#3	3.4475	.12300	3.9895	.44772	2.3183	6.7373	41.133

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/02/2024 15:39:40 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	843.05	26858.	5602.8	694.25	1415.1
Stddev	3.09	32.	22.1	3.57	1.2
%RSD	.36697	.11938	.39403	.51357	.08479
#1	844.88	26881.	5597.6	690.87	1415.0
#2	844.79	26822.	5583.7	697.97	1414.0
#3	839.48	26872.	5627.0	693.90	1416.4

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/02/2024 15:44:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	.28991	.54653	6.6709	.58251	1.7103	25.015	71.029	3.3630
Stddev	.00109	.00241	.0418	.00377	.0087	.070	.686	.0029
%RSD	.37465	.44038	.62718	.64656	.50745	.28062	.96602	.08754
#1	.28912	.54449	6.6271	.57918	1.7005	25.000	70.296	3.3617
#2	.28947	.54593	6.6751	.58176	1.7169	25.091	71.655	3.3664
#3	.29115	.54919	6.7105	.58660	1.7136	24.953	71.136	3.3610

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	9.0729	35.159	3.5427	2.7387	6.1067	5.6930	14.860	3.7059
Stddev	.0635	.141	.0577	.0129	.0180	.0092	.063	.0078
%RSD	.70000	.40174	1.6292	.46917	.29512	.16206	.42235	.21014
#1	9.0058	35.164	3.5629	2.7254	6.0967	5.6833	14.857	3.7048
#2	9.0810	35.297	3.4776	2.7397	6.1275	5.7017	14.924	3.7142
#3	9.1320	35.015	3.5876	2.7510	6.0959	5.6942	14.798	3.6987

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	2.6766	.86680	1.6358	.41188	65.865	5.7804	.42835	1.9814
Stddev	.0159	.01262	.0051	.00199	1.166	.0134	.00339	.0062
%RSD	.59353	1.4554	.31064	.48412	1.7709	.23096	.79221	.31233
#1	2.6591	.86886	1.6353	.41345	66.316	5.7723	.42513	1.9744
#2	2.6805	.85328	1.6412	.41256	64.540	5.7959	.42803	1.9840
#3	2.6901	.87826	1.6311	.40964	66.738	5.7731	.43190	1.9859

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7.4403	.26149	7.8368	.91005	4.6800	13.933	83.759
Stddev	.0325	.00100	.0056	.00679	.0107	.052	.920
%RSD	.43735	.38083	.07112	.74660	.22931	.36999	1.0984
#1	7.4028	.26035	7.8307	.90318	4.6821	13.920	84.464
#2	7.4611	.26196	7.8415	.91021	4.6896	13.990	84.095
#3	7.4569	.26217	7.8383	.91676	4.6684	13.889	82.718

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/02/2024 15:44:19 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	731.31	25681.	5494.8	560.91	1291.4
Stddev	2.70	321.	24.4	7.53	6.3
%RSD	.36901	1.2497	.44334	1.3427	.48817
#1	734.37	25572.	5497.8	557.69	1298.1
#2	729.29	26042.	5469.0	569.51	1290.4
#3	730.26	25428.	5517.5	555.52	1285.7

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: S6 Acquired: 12/02/2024 15:48:56 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) 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	63.890	54.964	15.059	5.9972	4.3273
Stddev	.560	.229	.009	.0028	.0017
%RSD	.87655	.41583	.06163	.04634	.03821
#1	63.249	54.753	15.069	5.9995	4.3277
#2	64.141	55.206	15.053	5.9941	4.3287
#3	64.282	54.932	15.054	5.9980	4.3255

Int. Std.	Y_3710
Units	Cts/S
Avg	5358.7
Stddev	21.0
%RSD	.39280
#1	5378.1
#2	5361.8
#3	5336.3

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICV011 Acquired: 12/02/2024 16:20:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9302695	1.077490	.9994085	.9762459	.9423681	2.395106
Stddev	.0025601	.001033	.0037936	.0015982	.0026759	.019797
%RSD	.2751957	.0958875	.3795861	.1637118	.2839569	.8265414
#1	.9273881	1.076343	1.002739	.9752293	.9453444	2.417314
#2	.9311384	1.078346	.995279	.9780881	.9401610	2.388694
#3	.9322820	1.077782	1.000208	.9754204	.9415988	2.379310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5290852	.5379932	.5055187	10.33042	.5696593	.5014732
Stddev	.0048960	.0036699	.0011069	.09042	.0008267	.0026168
%RSD	.9253711	.6821427	.2189632	.8753210	.1451214	.5218206
#1	.5344996	.5421364	.5060549	10.39491	.5699674	.5035100
#2	.5277865	.5366919	.5042458	10.22706	.5687229	.4985219
#3	.5249696	.5351513	.5062554	10.36929	.5702878	.5023878

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4994544	10.65218	.5424813	5.511067	.5143140	.2472287
Stddev	.0052329	.06052	.0013977	.129799	.0010810	.0017727
%RSD	1.047716	.5681763	.2576545	2.355236	.2101808	.7170071
#1	.4969227	10.70684	.5439791	5.521749	.5142313	.2488812
#2	.5054717	10.58714	.5412116	5.376257	.5132768	.2453564
#3	.4959689	10.66256	.5422534	5.635194	.5154340	.2474484

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26040	.5397740	.9637626	9.640514	F .0004175	F -.007729
Stddev	.06868	.0049298	.0049788	.030881	.0031663	.001340
%RSD	.6694021	.9133131	.5165961	.3203226	758.4383	17.33107
#1	10.32202	.5441468	.9580416	9.612325	.0030345	-.008346
#2	10.27283	.5344313	.9671141	9.635696	-.003102	-.008649
#3	10.18635	.5407440	.9661320	9.673520	.001320	-.006192

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICV011 Acquired: 12/02/2024 16:20:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.001020	F .0048618	F -.000397	F -.001816	F -.000684	F -.022489
Stddev	.000239	.0034269	.000673	.000998	.001474	.000652
%RSD	23.45924	70.48565	169.6956	54.99106	215.3425	2.901331
#1	-.001296	.0087564	-.000647	-.002967	-.002241	-.022800
#2	-.000885	.0035209	-.000909	-.001288	.000689	-.022927
#3	-.000878	.0023081	.000366	-.001192	-.000501	-.021739

Elem	Sr4077
Units	ppm
Avg	F .0012307
Stddev	.0000389
%RSD	3.162423
#1	.0011898
#2	.0012673
#3	.0012350

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	996.2054	29230.52	5672.246	865.0635	1768.258
Stddev	1.4263	47.13	45.891	2.7598	1.474
%RSD	.1431730	.1612303	.8090445	.3190265	.0833825
#1	994.6983	29176.11	5619.880	865.9822	1767.125
#2	996.3838	29256.82	5691.407	861.9615	1769.925
#3	997.5341	29258.62	5705.451	867.2467	1767.724

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICB011 Acquired: 12/02/2024 16:27:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055759	-.000679	-.003299	-.000265	.0016441	.1272186
Stddev	.0031555	.003761	.002077	.006979	.0013411	.0064931
%RSD	56.59195	554.2649	62.98253	2633.142	81.56961	5.103911
#1	.0063755	.002585	-.003070	.002679	.0010999	.1274920
#2	.0082547	-.004792	-.001345	-.008234	.0006606	.1335708
#3	.0020975	.000171	-.005481	.004760	.0031717	.1205932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001254	.0000890	-.000062	-.003432	.0010345	.0001256
Stddev	.000613	.0001450	.000164	.002133	.0007488	.0002297
%RSD	48.84000	162.8600	264.6484	62.13127	72.38804	182.7979
#1	-.001676	.0000207	-.000239	-.001167	.0006321	.0000716
#2	-.001536	.0002555	.000085	-.005401	.0018985	-.000072
#3	-.000552	-.000009	-.000032	-.003728	.0005728	.000378

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021699	-.014340	.0005434	-.041417	.0001904	-.000634
Stddev	.0020004	.004834	.0003209	.034257	.0002420	.000301
%RSD	92.18770	33.70865	59.05669	82.71190	127.1016	47.50741
#1	.0020049	-.014769	.0007834	-.001885	-.000088	-.000288
#2	.0042477	-.018945	.0006680	-.062379	.000312	-.000842
#3	.0002571	-.009306	.0001789	-.059987	.000348	-.000771

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1787751	.0015458	.0018483	-.308000	.0008048	-.005658
Stddev	.4961219	.0051434	.0001761	.018786	.0009717	.001210
%RSD	277.5117	332.7261	9.524758	6.099362	120.7282	21.38208
#1	.0056868	.0014093	.0016451	-.322127	.0019155	-.004363
#2	-.207615	.0067561	.0019555	-.286680	.0003874	-.005850
#3	.738254	-.003528	.0019443	-.315193	.0001116	-.006760

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICB011 Acquired: 12/02/2024 16:27:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000209	.0030293	-.000504	-.001894	.0014801	F -.017423
Stddev	.000293	.0066123	.000854	.002208	.0016425	.000465
%RSD	140.2775	218.2784	169.2918	116.5243	110.9677	2.671596
#1	-.000546	.0106497	-.000986	.000528	.0027666	-.017290
#2	-.000073	-.000368	-.001009	-.003794	.0020437	-.017039
#3	-.000009	-.001193	.000481	-.002418	-.000370	-.017941

Elem	Sr4077
Units	ppm
Avg	.0000030
Stddev	.0000664
%RSD	2212.207
#1	-.000055
#2	.000075
#3	-.000011

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1000.870	29608.19	5668.537	880.7435	1840.476
Stddev	8.905	48.94	15.757	5.0473	18.654
%RSD	.8896866	.1652985	.2779656	.5730728	1.013520
#1	993.741	29563.10	5653.964	875.4743	1827.431
#2	1010.851	29601.22	5685.257	881.2213	1861.842
#3	998.017	29660.24	5666.389	885.5350	1832.156

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICSA011 Acquired: 12/02/2024 16:40:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081323	-.009915	-.003614	-.002237	.0033938	239.4328
Stddev	.0089927	.011501	.006858	.006723	.0026041	.2942
%RSD	110.5792	115.9988	189.7737	300.6082	76.73153	.1228941
#1	.0166047	-.022304	-.010189	.005420	.0062260	239.2216
#2	-.001303	-.007861	-.004147	-.007175	.0028526	239.3080
#3	.009095	.000421	.003495	-.004954	.0011028	239.7689

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046464	.0001036	.0024688	245.9508	.0501755	.0019943
Stddev	.0002763	.0000805	.0002636	.8808	.0010407	.0010831
%RSD	5.946510	77.75337	10.67735	.3581170	2.074027	54.30956
#1	.0049164	.0000146	.0027456	245.1165	.0495049	.0032270
#2	.0046586	.0001245	.0022207	245.8643	.0496473	.0011948
#3	.0043642	.0001716	.0024401	246.8717	.0513744	.0015612

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001801	100.5962	.0134654	237.3921	.0039712	.0035427
Stddev	.002316	.0354	.0006050	.1044	.0005385	.0007981
%RSD	128.6151	.0351689	4.492676	.0439698	13.56047	22.52759
#1	-.003112	100.5751	.0136734	237.2774	.0045832	.0038652
#2	-.003165	100.5764	.0127839	237.4174	.0035702	.0041291
#3	.000874	100.6370	.0139390	237.4816	.0037601	.0026338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6440614	-.003624	.0115685	-.848029	-.003646	-.006639
Stddev	.3313827	.003244	.0011573	.053711	.002481	.002630
%RSD	51.45204	89.52944	10.00416	6.333627	68.05724	39.61612
#1	.6958579	-.001574	.0128406	-.820267	-.006369	-.007471
#2	.9464959	-.007364	.0105779	-.813880	-.003053	-.003694
#3	.2898305	-.001934	.0112870	-.909939	-.001514	-.008753

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICSA011 Acquired: 12/02/2024 16:40:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001955	.0116872	-.001365	-.006814	-.001659	F -.018833
Stddev	.001230	.0031475	.000440	.001042	.000405	.000991
%RSD	62.91286	26.93154	32.28250	15.29189	24.38956	5.262364
#1	-.002243	.0146750	-.001214	-.007518	-.001242	-.018557
#2	-.000607	.0084012	-.001861	-.005617	-.002049	-.019932
#3	-.003016	.0119854	-.001019	-.007308	-.001686	-.018008

Elem	Sr4077
Units	ppm
Avg	F .1020231
Stddev	.0002192
%RSD	.2148269
#1	.1021279
#2	.1017712
#3	.1021702

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	932.7902	27354.34	5619.640	819.7372	1488.299
Stddev	2.0508	222.15	20.393	6.1719	3.430
%RSD	.2198557	.8121375	.3628864	.7529132	.2304504
#1	932.0933	27217.81	5638.587	816.0194	1484.339
#2	935.0987	27234.54	5622.274	816.3306	1490.334
#3	931.1787	27610.68	5598.058	826.8617	1490.224

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICSAB011 Acquired: 12/02/2024 16:44:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB011 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1106477	.0961374	.0446091	.0428251	.5565713	243.8267
Stddev	.0051468	.0103482	.0019759	.0057489	.0034802	6.7269
%RSD	4.651545	10.76398	4.429328	13.42405	.6252877	2.758902
#1	.1080148	.0869533	.0437382	.0422425	.5525552	245.4954
#2	.1165783	.0941093	.0432183	.0488430	.5584595	236.4225
#3	.1073499	.1073495	.0468708	.0373897	.5586994	249.5622

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5332873	.5263197	1.058453	250.0722	.6108176	.5229085
Stddev	.0148916	.0128599	.002604	6.8146	.0022958	.0013919
%RSD	2.792416	2.443356	.2459767	2.725033	.3758515	.2661872
#1	.5379205	.5294018	1.060781	252.0789	.6114800	.5228196
#2	.5166298	.5121989	1.058937	242.4796	.6082634	.5243428
#3	.5453115	.5373585	1.055642	255.6581	.6127093	.5215633

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4802189	102.3314	.5331132	241.6859	1.046630	.1913993
Stddev	.0105276	2.9510	.0152152	7.4873	.001927	.0008120
%RSD	2.192242	2.883806	2.854024	3.097927	.1841559	.4242602
#1	.4837177	102.9159	.5386283	243.0838	1.045631	.1919691
#2	.4683874	99.1318	.5159096	233.5983	1.048852	.1917593
#3	.4885516	104.9464	.5448018	248.3757	1.045408	.1904695

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7157905	.5348270	.9190002	-.969729	.0024145	-.008626
Stddev	.3189468	.0154976	.0025822	.110113	.0061227	.001656
%RSD	44.55868	2.897691	.2809733	11.35503	253.5779	19.19568
#1	.3705867	.5414253	.9219413	-.981110	.0094843	-.006952
#2	.7772491	.5171222	.9179536	-1.07371	-.001154	-.008663
#3	.9995357	.5459335	.9171056	-.85437	-.001087	-.010263

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: ICSAB011 Acquired: 12/02/2024 16:44:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB011 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002141	.0116675	-.000564	F -.007418	-.003106	F -.020865
Stddev	.000281	.0112687	.000761	.003189	.001200	.001471
%RSD	13.12379	96.58262	134.9399	42.99027	38.62013	7.051671
#1	-.002381	.0232384	-.001429	-.010990	-.002684	-.022539
#2	-.002209	.0007274	-.000264	-.004856	-.002175	-.020283
#3	-.001832	.0110366	.000001	-.006409	-.004460	-.019774

Elem	Sr4077
Units	ppm
Avg	F .1041065
Stddev	.0027938
%RSD	2.683635
#1	.1048780
#2	.1010080
#3	.1064335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	913.1938	27176.59	5648.939	810.9195	1460.121
Stddev	3.2337	21.68	145.535	3.5448	2.817
%RSD	.3541136	.0797784	2.576323	.4371369	.1929573
#1	914.1136	27153.32	5610.159	809.3064	1458.871
#2	909.5998	27180.25	5809.935	808.4681	1458.144
#3	915.8680	27196.22	5526.722	814.9840	1463.347

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV071 Acquired: 12/02/2024 16:49:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.354240	5.007314	26.29863	5.005511	5.078064	421.0349	10.57685
Stddev	.013204	.012337	.07648	.029543	.026923	.4795	.07260
%RSD	.2466108	.2463830	.2907960	.5902193	.5301820	.1138946	.6864425
#1	5.359434	5.014706	26.36342	5.027076	5.108345	421.5043	10.53317
#2	5.339229	4.993071	26.21427	4.971837	5.056831	420.5458	10.66066
#3	5.364058	5.014164	26.31820	5.017620	5.069015	421.0547	10.53671

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5202912	2.672174	428.9746	16.30034	2.658752	15.70624	431.7915
Stddev	.0024431	.002538	.2367	.03253	.005445	.00486	.8081
%RSD	.4695707	.0949869	.0551818	.1995591	.2047815	.0309276	.1871539
#1	.5192911	2.674895	428.9043	16.33693	2.663005	15.70448	431.6196
#2	.5185068	2.671757	428.7810	16.28938	2.652616	15.71173	431.0832
#3	.5230757	2.669870	429.2385	16.27470	2.660635	15.70250	432.6717

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.66322	419.1440	2.631106	1.341973	423.4561	2.617352	15.56337
Stddev	.00305	.6158	.005930	.003759	.6797	.008090	.10091
%RSD	.0195005	.1469219	.2253896	.2801418	.1605087	.3091018	.6484065
#1	15.66567	419.6549	2.631206	1.345552	423.4738	2.626118	15.45086
#2	15.65980	418.4602	2.625127	1.342311	424.1268	2.615766	15.59335
#3	15.66419	419.3169	2.636986	1.338056	422.7677	2.610172	15.64590

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	161.2836	5.193361	4.710887	5.025665	5.357626	4.513891	5.288317
Stddev	.0353	.009733	.019892	.012042	.014493	.023067	.011745
%RSD	.0219119	.1874121	.4222510	.2396131	.2705209	.5110298	.2220840
#1	161.2657	5.204287	4.696055	5.034433	5.342099	4.498846	5.286305
#2	161.2608	5.185618	4.703114	5.011934	5.370797	4.502378	5.277708
#3	161.3243	5.190179	4.733491	5.030626	5.359981	4.540448	5.300937

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV071 Acquired: 12/02/2024 16:49:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV071 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	5.217583	5.346988	5.282098
Stddev	.005845	.004813	.017239
%RSD	.1120173	.0900068	.3263726
#1	5.223709	5.352540	5.268496
#2	5.216972	5.344434	5.276312
#3	5.212067	5.343992	5.301486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	792.6437	25398.02	5451.134	645.1227	1290.447
Stddev	1.3177	57.86	9.813	3.7801	1.260
%RSD	.1662381	.2278073	.1800115	.5859488	.0976259
#1	791.3355	25344.67	5453.410	649.4152	1289.287
#2	793.9707	25389.87	5459.609	642.2912	1291.787
#3	792.6250	25459.52	5440.384	643.6616	1290.265

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB071 Acquired: 12/02/2024 16:53:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060817	-.002176	-.003386	.0081089	.0008043	.0086501	-.000674
Stddev	.0039151	.004569	.005729	.0049901	.0028007	.0042680	.000288
%RSD	64.37514	209.9511	169.2018	61.53792	348.2174	49.34074	42.76625
#1	.0086243	-.004790	.001625	.0124634	.0038149	.0038499	-.000499
#2	.0080475	-.004838	-.009632	.0026637	-.001724	.0100835	-.001006
#3	.0015732	.003099	-.002151	.0091997	.000322	.0120168	-.000516

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000320	-.000071	.0052776	.0008504	-.000410	.0004825	.0052189
Stddev	.0001331	.000100	.0090250	.0005843	.000559	.0036555	.0136472
%RSD	415.6533	142.1556	171.0052	68.71751	136.2559	757.6872	261.4966
#1	.0001115	-.000037	-.004846	.0010331	.000119	.0044120	.0025858
#2	.0001061	-.000183	.008200	.0001965	-.000994	-.002817	.0199908
#3	-.000122	.000009	.012479	.0013214	-.000355	-.000148	-.006920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006036	-.000896	.0000463	.0005813	.2254280	-.004867	-.000065
Stddev	.0004315	.017882	.0001619	.0003188	.1982798	.005215	.000263
%RSD	71.48636	1995.602	349.4828	54.83926	87.95706	107.1458	400.9955
#1	.0001533	-.021522	-.000141	.0004195	.1767684	-.002230	-.000368
#2	.0006441	.010237	.000137	.0009485	.4435078	-.010874	.000095
#3	.0010134	.008598	.000143	.0003759	.0560077	-.001497	.000077

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785240	.0015817	-.000228	-.000444	.0017591	-.000313	-.002616
Stddev	.0244322	.0032596	.001770	.000468	.0065280	.000212	.000192
%RSD	31.11437	206.0793	777.0349	105.2591	371.1095	67.80582	7.321698
#1	.0832390	.0053159	-.000202	.000062	-.005581	-.000490	-.002835
#2	.0520779	.0001239	.001529	-.000533	.003942	-.000369	-.002478
#3	.1002551	-.000695	-.002011	-.000861	.006916	-.000078	-.002536

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB071 Acquired: 12/02/2024 16:53:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB071 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006305	-.013240	.0000648
Stddev	.0013755	.001070	.0001328
%RSD	218.1616	8.084883	205.0711
#1	.0009651	-.012611	.0001888
#2	.0018077	-.014476	.0000808
#3	-.000881	-.012632	-.000075

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	990.7179	29357.00	5632.036	878.1902	1807.997
Stddev	6.9828	60.56	10.659	2.3288	11.961
%RSD	.7048239	.2062924	.1892534	.2651809	.6615688
#1	992.5577	29356.42	5641.736	878.2199	1814.266
#2	996.5966	29296.73	5633.746	880.5041	1815.521
#3	982.9994	29417.85	5620.625	875.8468	1794.205

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165190BL Acquired: 12/02/2024 16:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW190 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090017	.0012442	-.004629	.0031700	.0011472	-.000231
Stddev	.0036182	.0016634	.002099	.0030735	.0025173	.001181
%RSD	40.19481	133.6942	45.33231	96.95509	219.4293	511.8578
#1	.0131205	.0029169	-.002221	.0066242	.0002446	-.000976
#2	.0075489	.0012252	-.006068	.0007377	.0039914	-.000848
#3	.0063357	-.000410	-.005599	.0021480	-.000794	.001131

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001431	.0000458	-.000193	-.006037	.0003835	.0001500
Stddev	.000206	.0000552	.000144	.009337	.0008531	.0005337
%RSD	14.41128	120.4669	74.55933	154.6529	222.4647	355.8243
#1	-.001578	.0000858	-.000359	.004690	.0011707	.0007589
#2	-.001519	.0000689	-.000109	-.010463	.0005027	-.000072
#3	-.001195	-.000017	-.000111	-.012338	-.000523	-.000237

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005762	-.009631	-.000275	-.007924	.0002080	.0008239
Stddev	.0013733	.002748	.000375	.047601	.0002508	.0005271
%RSD	238.3432	28.53159	136.2665	600.7126	120.5965	63.97365
#1	.0000341	-.006911	.000155	-.027864	-.000068	.0010986
#2	.0021378	-.012406	-.000446	.046404	.000422	.0002162
#3	-.000443	-.009576	-.000535	-.042313	.000270	.0011569

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1578571	-.000093	-.000048	-.028526	.0007413	-.003319
Stddev	.1097060	.002066	.000473	.024320	.0043298	.000969
%RSD	69.49701	2232.478	986.6039	85.25507	584.0775	29.20223
#1	.2824334	.001138	-.000432	-.014028	.0053946	-.003612
#2	.1154681	-.002477	-.000193	-.056603	-.000002	-.002237
#3	.0756700	.001062	.000481	-.014947	-.003169	-.004108

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165190BL Acquired: 12/02/2024 16:58:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW190 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000384	.0031643	-.000377	-.000622	.0004784	F -.017997
Stddev	.000355	.0016822	.000164	.002938	.0009760	.000826
%RSD	92.43661	53.15983	43.60531	472.7010	203.9940	4.590065
#1	-.000174	.0021209	-.000455	.000458	-.000644	-.018391
#2	-.000795	.0022672	-.000188	-.003947	.000954	-.018552
#3	-.000184	.0051049	-.000488	.001624	.001126	-.017048

Elem	Sr4077
Units	ppm
Avg	-.000029
Stddev	.000104
%RSD	358.6581
#1	.000083
#2	-.000048
#3	-.000123

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.6403	29271.82	5648.525	867.2073	1820.210
Stddev	4.7225	96.84	27.523	1.1358	12.988
%RSD	.4728947	.3308412	.4872614	.1309709	.7135637
#1	997.4103	29166.14	5640.836	865.9825	1814.084
#2	1003.856	29356.32	5679.075	868.2257	1835.128
#3	994.655	29292.99	5625.664	867.4137	1811.417

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165190BS Acquired: 12/02/2024 17:02:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS190 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194298	.0559269	.0193643	.0686695	.1172624	.4243081
Stddev	.0064840	.0023865	.0015947	.0046810	.0023109	.0132288
%RSD	33.37161	4.267176	8.235265	6.816650	1.970730	3.117733
#1	.0119814	.0539616	.0178230	.0632865	.1185788	.4394081
#2	.0224957	.0552366	.0192624	.0717836	.1145940	.4187563
#3	.0238123	.0585824	.0210076	.0709384	.1186143	.4147598

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4554164	.0113401	.0114192	11.63667	.0246662	.1082348
Stddev	.0006257	.0000736	.0002121	.03658	.0004424	.0008522
%RSD	.1373848	.6487824	1.857361	.3143709	1.793759	.7873436
#1	.4548644	.0113853	.0111927	11.66038	.0251347	.1075868
#2	.4560961	.0113798	.0114517	11.65509	.0246084	.1079174
#3	.4552886	.0112552	.0116132	11.59454	.0242554	.1092001

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565334	.2195580	.0384482	10.71487	.0937846	.0248819
Stddev	.0018617	.0137223	.0001799	.05334	.0012200	.0004853
%RSD	3.293041	6.249977	.4679356	.4978357	1.300871	1.950537
#1	.0584087	.2322694	.0385624	10.74566	.0934657	.0250746
#2	.0565056	.2050098	.0382408	10.74568	.0927558	.0252412
#3	.0546857	.2213949	.0385414	10.65328	.0951324	.0243298

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18801	.1204540	.1427037	10.51342	.0231885	F -.003528
Stddev	.32647	.0015717	.0005108	.05325	.0036456	.000636
%RSD	2.918012	1.304788	.3579456	.5064716	15.72180	18.02169
#1	11.34830	.1189637	.1421810	10.56165	.0265955	-.004236
#2	10.81238	.1220961	.1432017	10.45628	.0193437	-.003004
#3	11.40334	.1203023	.1427282	10.52232	.0236263	-.003345

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165190BS Acquired: 12/02/2024 17:02:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS190 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0206536	.2061772	F .3291862	.0141562	.2188605	F .0120564
Stddev	.0001104	.0094235	.0011623	.0023178	.0002409	.0017924
%RSD	.5344041	4.570570	.3530933	16.37299	.1100853	14.86697
#1	.0206511	.2104917	.3302712	.0153326	.2191161	.0136875
#2	.0205445	.1953689	.3293277	.0156499	.2188280	.0123440
#3	.0207652	.2126711	.3279595	.0114861	.2186376	.0101375

Elem	Sr4077
Units	ppm
Avg	.2265703
Stddev	.0005901
%RSD	.2604364
#1	.2261280
#2	.2272403
#3	.2263426

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	981.4666	28915.71	5700.247	862.0643	1720.664
Stddev	5.0550	86.50	20.634	6.3306	12.905
%RSD	.5150502	.2991475	.3619821	.7343581	.7500209
#1	982.6109	28891.83	5697.135	864.6414	1725.141
#2	985.8514	28843.65	5681.346	854.8516	1730.735
#3	975.9375	29011.64	5722.260	866.6999	1706.117

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165192BL Acquired: 12/02/2024 17:07:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS192 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016645	.0012658	-.002981	-.001328	-.001618	.0647226
Stddev	.0010808	.0026875	.002097	.005641	.001496	.0024522
%RSD	64.93052	212.3172	70.32501	424.7770	92.43475	3.788841
#1	.0026491	-.000521	-.000907	-.002420	-.003343	.0675144
#2	.0018363	-.000038	-.005100	-.006342	-.000696	.0637361
#3	.0005081	.004357	-.002937	.004779	-.000814	.0629172

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000803	.0000073	-.000000	-.008608	.0007264	.0001722
Stddev	.000383	.0001032	.000176	.012558	.0008492	.0003379
%RSD	47.72260	1421.078	889037.8	145.8858	116.9128	196.2629
#1	-.000426	-.000012	-.000109	-.011938	-.000049	.0001146
#2	-.000792	-.000085	.000203	-.019167	.001634	.0005351
#3	-.001192	.000119	-.000094	.005279	.000594	-.000133

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016674	-.002796	.0003694	.0075011	-.000237	.0005596
Stddev	.0029869	.001101	.0010041	.0533804	.000104	.0001391
%RSD	179.1403	39.36014	271.8289	711.6349	43.90406	24.86233
#1	-.000643	-.004027	.0011451	-.028382	-.000308	.0006335
#2	.005040	-.001906	-.000765	.068845	-.000286	.0003991
#3	.000604	-.002456	.000728	-.017959	-.000118	.0006462

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4709581	-.001681	.0003815	-.022858	.0004412	-.005396
Stddev	.1487196	.000418	.0004842	.130234	.0035495	.002454
%RSD	31.57809	24.88939	126.9233	569.7405	804.5336	45.48556
#1	.5043568	-.001963	.0007480	.013854	-.003409	-.008060
#2	.3083790	-.001200	.0005638	-.167508	.003584	-.003226
#3	.6001387	-.001880	-.000167	.085079	.001149	-.004902

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165192BL Acquired: 12/02/2024 17:07:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS192 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002210	.0051443	-.000038	-.000266	.0009636	F -.020974
Stddev	.0003579	.0069393	.000342	.001979	.0006722	.000309
%RSD	161.9701	134.8917	898.7325	744.4633	69.75428	1.471008
#1	.0001154	.0051766	.000122	-.001986	.0016400	-.020633
#2	-.000072	.0120675	.000195	-.000708	.0002957	-.021052
#3	.000620	-.001811	-.000431	.001897	.0009552	-.021236

Elem	Sr4077
Units	ppm
Avg	-.000046
Stddev	.000070
%RSD	152.3761
#1	-.000088
#2	.000035
#3	-.000086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.9179	29300.54	5679.283	868.2943	1815.728
Stddev	2.7677	24.97	76.899	1.0406	6.790
%RSD	.2773490	.0852364	1.354019	.1198421	.3739788
#1	1001.114	29272.00	5675.354	868.6589	1823.496
#2	996.296	29311.27	5758.071	869.1035	1812.762
#3	996.344	29318.37	5604.425	867.1205	1810.924

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165192BS Acquired: 12/02/2024 17:11:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS192 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180696	.0518834	.0183390	.0704957	.1156455	.4550080
Stddev	.0041410	.0007944	.0029279	.0056290	.0009089	.0097859
%RSD	22.91711	1.531084	15.96548	7.984834	.7859292	2.150714
#1	.0171703	.0524643	.0167770	.0648648	.1148699	.4662203
#2	.0225865	.0522076	.0165232	.0761227	.1154210	.4506177
#3	.0144522	.0509781	.0217166	.0704996	.1166456	.4481861

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4468271	.0113676	.0111013	11.37721	.0241336	.1069328
Stddev	.0102743	.0002969	.0000943	.23476	.0003984	.0003393
%RSD	2.299384	2.612049	.8490430	2.063408	1.650596	.3173465
#1	.4489184	.0115374	.0110663	11.46164	.0236781	.1065678
#2	.4356681	.0110248	.0110296	11.11191	.0244169	.1069920
#3	.4558949	.0115407	.0112081	11.55807	.0243058	.1072387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548524	.2083280	.0376077	10.58329	.0922465	.0243493
Stddev	.0043644	.0154070	.0010861	.20373	.0005435	.0004150
%RSD	7.956553	7.395560	2.887862	1.925056	.5892417	1.704510
#1	.0563103	.2260886	.0381726	10.68333	.0928304	.0242595
#2	.0499457	.2003410	.0363556	10.34888	.0921537	.0248018
#3	.0583013	.1985545	.0382949	10.71767	.0917553	.0239864

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.96135	.1166096	.1406085	10.28401	.0220227	F -.003678
Stddev	.39834	.0071792	.0006075	.27932	.0022328	.001467
%RSD	3.634006	6.156631	.4320355	2.716017	10.13852	39.88207
#1	11.04323	.1129220	.1400081	10.39765	.0199221	-.002710
#2	10.52843	.1120235	.1405947	9.96578	.0217786	-.005365
#3	11.31238	.1248832	.1412228	10.48858	.0243676	-.002957

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165192BS Acquired: 12/02/2024 17:11:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS192 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0207890	.2108266	F .3239245	.0150474	.2154834	F .0089252
Stddev	.0003801	.0077360	.0081252	.0000438	.0045238	.0007174
%RSD	1.828540	3.669358	2.508376	.2909222	2.099359	8.037581
#1	.0205855	.2159933	.3262149	.0150762	.2165343	.0083719
#2	.0205540	.2019326	.3148999	.0149971	.2105267	.0086681
#3	.0212276	.2145541	.3306587	.0150690	.2193892	.0097357

Elem	Sr4077
Units	ppm
Avg	.2228182
Stddev	.0050402
%RSD	2.262036
#1	.2245636
#2	.2171373
#3	.2267538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.0771	28940.50	5733.800	862.4367	1731.901
Stddev	.7844	36.99	106.670	.4796	.804
%RSD	.0793894	.1278303	1.860375	.0556126	.0464094
#1	988.9272	28952.84	5689.353	862.9731	1732.411
#2	987.9230	28898.92	5855.506	862.0492	1730.974
#3	987.3812	28969.75	5656.539	862.2877	1732.317

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165197BL Acquired: 12/02/2024 17:16:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023906	-.002672	-.002546	-.002083	-.000125	-.006526
Stddev	.0034252	.004145	.002964	.000953	.002717	.013606
%RSD	143.2781	155.1498	116.4207	45.74168	2172.561	208.4835
#1	.0011683	-.007204	-.005293	-.001410	.001120	.006710
#2	-.000256	.000927	.000596	-.001666	.001747	-.005813
#3	.006259	-.001738	-.002941	-.003173	-.003242	-.020475

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000749	.0000717	-.000170	-.011532	.0003039	-.000405
Stddev	.000080	.0000662	.000153	.011082	.0011253	.000106
%RSD	10.68126	92.28830	90.02695	96.09670	370.2159	26.28820
#1	-.000719	.0000118	-.000318	-.024304	.0012377	-.000385
#2	-.000839	.0001427	-.000179	-.005837	.0006196	-.000520
#3	-.000688	.0000606	-.000013	-.004456	-.000945	-.000310

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009519	.0012891	-.000033	.0117593	.0004498	.0008537
Stddev	.0013539	.0128891	.000353	.0023371	.0001311	.0003028
%RSD	142.2351	999.8290	1071.161	19.87458	29.13910	35.47496
#1	.0025051	-.000342	-.000371	.0130658	.0005627	.0008744
#2	.0000216	.014916	.000334	.0131511	.0004806	.0011456
#3	.0003289	-.010707	-.000062	.0090611	.0003061	.0005410

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.228249	.0026153	-.000013	-.167517	-.001780	-.006379
Stddev	.127547	.0006313	.000449	.123012	.002339	.001135
%RSD	55.88085	24.13908	3574.449	73.43282	131.4136	17.79279
#1	-.241413	.0019589	-.000467	-.025480	-.000716	-.007680
#2	-.094629	.0032181	.000432	-.237483	-.004463	-.005866
#3	-.348703	.0026689	-.000003	-.239588	-.000162	-.005592

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165197BL Acquired: 12/02/2024 17:16:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS197 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	.0042259	-.000292	-.002109	-.000282	F -.023330
Stddev	.000389	.0038713	.000534	.001030	.001638	.002541
%RSD	514.7704	91.60940	182.7817	48.81996	580.0909	10.89237
#1	-.000481	.0016713	-.000867	-.002513	.001342	-.020783
#2	.000295	.0086801	.000187	-.002876	-.000256	-.023341
#3	-.000040	.0023263	-.000195	-.000939	-.001933	-.025866

Elem	Sr4077
Units	ppm
Avg	.0000320
Stddev	.0000790
%RSD	247.2192
#1	.0001081
#2	.0000375
#3	-.000050

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	983.5579	29230.89	5649.792	872.3685	1788.566
Stddev	13.2771	84.65	18.199	4.1910	21.641
%RSD	1.349903	.2896046	.3221255	.4804140	1.209992
#1	988.6772	29305.81	5635.368	871.0056	1793.052
#2	993.5132	29139.05	5643.768	869.0286	1807.612
#3	968.4833	29247.80	5670.239	877.0713	1765.033

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165197BS Acquired: 12/02/2024 17:20:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS197 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0238385	.0492082	.0197568	.0624055	.1113609	.3929549
Stddev	.0080681	.0028627	.0038980	.0057998	.0006888	.0169638
%RSD	33.84496	5.817568	19.72969	9.293681	.6185426	4.316982
#1	.0249712	.0462259	.0215109	.0681159	.1115418	.4082257
#2	.0152639	.0519341	.0152900	.0565203	.1119412	.3959438
#3	.0312804	.0494645	.0224696	.0625801	.1105997	.3746953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4401961	.0113252	.0109451	11.28251	.0244882	.1039493
Stddev	.0004980	.0000992	.0000301	.02298	.0010803	.0006886
%RSD	.1131218	.8763039	.2753638	.2036989	4.411401	.6624633
#1	.4407043	.0112117	.0109107	11.26954	.0235729	.1046337
#2	.4397091	.0113678	.0109573	11.30904	.0256798	.1039576
#3	.4401747	.0113959	.0109672	11.26894	.0242120	.1032565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0531357	.2138043	.0365650	10.55550	.0892056	.0247023
Stddev	.0043275	.0059740	.0005221	.06446	.0003484	.0008316
%RSD	8.144262	2.794132	1.427983	.6106399	.3906191	3.366429
#1	.0508206	.2080481	.0360390	10.49625	.0893001	.0251016
#2	.0581283	.2133902	.0365728	10.62414	.0894971	.0252590
#3	.0504582	.2199745	.0370832	10.54612	.0888197	.0237464

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.84292	.1157953	.1383680	10.23829	.0185172	F -.006219
Stddev	.06561	.0023192	.0007453	.08380	.0034704	.000467
%RSD	.6051349	2.002835	.5386500	.8184928	18.74144	7.509301
#1	10.77062	.1177666	.1390291	10.31047	.0189963	-.005978
#2	10.89868	.1163794	.1385146	10.25800	.0148321	-.006757
#3	10.85948	.1132399	.1375603	10.14639	.0217231	-.005921

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165197BS Acquired: 12/02/2024 17:20:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS197 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0202290	.2071631	F .3255031	.0136002	.2119524	F .0099767
Stddev	.0002816	.0019488	.0010919	.0006079	.0007704	.0005827
%RSD	1.391975	.9407052	.3354592	4.469518	.3634591	5.840854
#1	.0204939	.2055172	.3267592	.0129929	.2117091	.0103050
#2	.0199333	.2093150	.3247798	.0142086	.2128150	.0093039
#3	.0202599	.2066573	.3249704	.0135991	.2113330	.0103213

Elem	Sr4077
Units	ppm
Avg	.2192874
Stddev	.0004209
%RSD	.1919328
#1	.2189558
#2	.2191454
#3	.2197609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	990.9017	29081.52	5623.234	866.4250	1743.732
Stddev	1.3133	80.67	9.294	3.9640	1.184
%RSD	.1325408	.2773911	.1652763	.4575162	.0679228
#1	990.1551	29085.20	5616.889	861.9771	1744.872
#2	990.1318	28999.07	5618.911	867.7131	1743.817
#3	992.4181	29160.29	5633.902	869.5847	1742.507

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165139BL Acquired: 12/02/2024 17:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS139 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027954	-.003822	-.000376	-.000961	-.001002	-.013711
Stddev	.0034554	.000494	.001104	.003205	.002282	.009864
%RSD	123.6122	12.93550	293.3556	333.5758	227.8147	71.94017
#1	-.000851	-.003634	-.001476	.001456	-.003081	-.003235
#2	.006022	-.004383	.000733	.000258	-.001363	-.022819
#3	.003215	-.003450	-.000386	-.004596	.001439	-.015079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003372	-.000014	-.000083	.0010638	.0001712	-.000111
Stddev	.0010876	.000110	.000031	.0082793	.0005556	.000498
%RSD	322.5372	772.3389	36.82783	778.2862	324.5840	448.4159
#1	-.000901	.000080	-.000069	-.003350	-.000097	-.000484
#2	.001137	.000012	-.000062	.010615	.000810	.000454
#3	.000775	-.000135	-.000119	-.004073	-.000199	-.000302

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025538	-.014005	-.000101	-.001818	.0002391	.0009273
Stddev	.0034512	.005380	.000471	.013000	.0007771	.0001959
%RSD	135.1418	38.41736	466.4985	715.1351	324.9566	21.12767
#1	.0064861	-.012095	-.000463	-.016228	.0002122	.0010351
#2	.0011473	-.009841	.000432	.009027	.0010294	.0007012
#3	.0000279	-.020080	-.000272	.001747	-.000524	.0010457

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3525470	-.003195	-.000195	-.118886	.0026051	-.007035
Stddev	.4116900	.004937	.000074	.051776	.0007756	.002261
%RSD	116.7760	154.4972	38.17865	43.55072	29.77321	32.13637
#1	.4892304	-.002189	-.000278	-.149544	.0020839	-.004561
#2	.6785108	.001161	-.000172	-.059107	.0022349	-.008993
#3	-.110100	-.008558	-.000135	-.148008	.0034965	-.007552

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165139BL Acquired: 12/02/2024 17:25:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS139 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000040	-.000423	-.000349	-.002433	.0005227	F -.021531
Stddev	.000526	.004985	.000162	.001002	.0014779	.001146
%RSD	1323.112	1179.743	46.53510	41.18222	282.7131	5.322102
#1	-.000258	-.005793	-.000512	-.001856	.0003583	-.022153
#2	-.000421	.000466	-.000348	-.003590	-.000866	-.022231
#3	.000560	.004059	-.000187	-.001852	.002076	-.020209

Elem	Sr4077
Units	ppm
Avg	.0000459
Stddev	.0001363
%RSD	296.7404
#1	.0001507
#2	-.000108
#3	.000095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1004.721	29587.94	5616.494	883.3181	1850.180
Stddev	1.341	51.78	24.940	4.4303	1.263
%RSD	.1334533	.1749952	.4440460	.5015519	.0682895
#1	1004.633	29528.43	5639.050	880.4912	1849.234
#2	1006.104	29612.74	5620.721	888.4240	1851.615
#3	1003.427	29622.65	5589.711	881.0391	1849.691

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165139BS Acquired: 12/02/2024 17:30:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS139 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0217954	.0567151	.0185220	.0687504	.1131483	.4077386
Stddev	.0062617	.0016209	.0026793	.0070973	.0015613	.0111036
%RSD	28.72946	2.857929	14.46543	10.32336	1.379862	2.723219
#1	.0154325	.0553623	.0196026	.0735766	.1124462	.4108784
#2	.0279507	.0585117	.0154711	.0606011	.1149373	.3954032
#3	.0220030	.0562714	.0204922	.0720734	.1120613	.4169343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4425886	.0116641	.0108942	11.33852	.0239897	.1052647
Stddev	.0004562	.0000229	.0001036	.01793	.0000827	.0007149
%RSD	.1030693	.1965647	.9512063	.1581143	.3448254	.6791239
#1	.4423503	.0116557	.0108427	11.35510	.0239468	.1052191
#2	.4423011	.0116466	.0110134	11.34095	.0239373	.1060012
#3	.4431146	.0116901	.0108263	11.31949	.0240851	.1045736

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0561789	.2216403	.0365663	10.79642	.0904701	.0240495
Stddev	.0019932	.0062471	.0005868	.11997	.0005678	.0001083
%RSD	3.547894	2.818576	1.604811	1.111172	.6276207	.4502489
#1	.0560620	.2286965	.0359608	10.66174	.0905728	.0241730
#2	.0582279	.2194102	.0366057	10.83569	.0909796	.0240051
#3	.0542467	.2168143	.0371324	10.89183	.0898580	.0239705

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.91122	.1200931	.1391187	10.21401	.0194536	F -.004456
Stddev	.47005	.0057215	.0002932	.15217	.0017818	.001144
%RSD	4.307943	4.764189	.2107459	1.489803	9.159274	25.66362
#1	11.01494	.1152727	.1393288	10.04591	.0204939	-.003647
#2	10.39797	.1185907	.1392434	10.34236	.0173962	-.003957
#3	11.32075	.1264159	.1387837	10.25375	.0204707	-.005764

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165139BS Acquired: 12/02/2024 17:30:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS139 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0205766	.2008947	F .3326834	.0132661	.2170062	F .0091482
Stddev	.0008079	.0078086	.0005128	.0011016	.0017071	.0010311
%RSD	3.926234	3.886926	.1541461	8.303719	.7866416	11.27107
#1	.0207657	.1921665	.3331071	.0135724	.2151310	.0087948
#2	.0212733	.2032993	.3328297	.0120437	.2174177	.0103096
#3	.0196910	.2072182	.3321133	.0141820	.2184699	.0083403

Elem	Sr4077
Units	ppm
Avg	.2227012
Stddev	.0005736
%RSD	.2575893
#1	.2220452
#2	.2231088
#3	.2229495

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	988.3481	29223.10	5642.005	873.5442	1757.736
Stddev	1.5257	18.96	31.392	1.3684	4.938
%RSD	.1543678	.0648878	.5563894	.1566503	.2809344
#1	988.0264	29201.21	5665.004	874.8257	1754.374
#2	987.0089	29234.69	5606.242	872.1029	1755.429
#3	990.0090	29233.39	5654.769	873.7039	1763.406

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165171BL Acquired: 12/02/2024 17:34:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS171 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054415	.0031272	-.003665	.0024195	.0029007	.0049160
Stddev	.0030562	.0064586	.003915	.0090714	.0012812	.0049216
%RSD	56.16364	206.5306	106.8197	374.9265	44.16766	100.1132
#1	.0087347	-.002611	-.008185	-.007348	.0043535	.0010351
#2	.0048932	.010122	-.001378	.004028	.0019330	.0104517
#3	.0026966	.001871	-.001431	.010579	.0024154	.0032612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000816	.0000961	-.000108	-.008669	.0004789	.0002330
Stddev	.000232	.0000583	.000089	.003223	.0009982	.0003383
%RSD	28.44045	60.70106	82.37820	37.17697	208.4210	145.2221
#1	-.000812	.0001248	-.000209	-.011552	.0010329	.0000724
#2	-.000586	.0001346	-.000050	-.009266	.0010773	.0006216
#3	-.001049	.0000290	-.000063	-.005190	-.000673	.0000048

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016689	-.003550	.0001872	-.005357	.0002780	.0006727
Stddev	.0010501	.006398	.0006462	.025546	.0005629	.0004203
%RSD	62.91906	180.2086	345.1247	476.9015	202.5187	62.47612
#1	.0011421	-.009171	-.000133	-.034784	.0002829	.0008994
#2	.0028781	.003411	.000931	.007581	.0008384	.0009310
#3	.0009865	-.004890	-.000236	.011133	-.000287	.0001878

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3248434	-.002231	-.000510	-.273427	-.001093	-.006612
Stddev	.2118105	.001851	.000750	.220327	.008007	.002038
%RSD	65.20387	82.95650	147.2613	80.57987	732.8294	30.81663
#1	.5448988	-.000790	-.001322	-.051171	.007927	-.005711
#2	.3072572	-.004319	-.000365	-.491774	-.007364	-.008945
#3	.1223743	-.001586	.000158	-.277337	-.003841	-.005181

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165171BL Acquired: 12/02/2024 17:34:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS171 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0033584	-.000469	-.001416	.0018288	F -.024054
Stddev	.000197	.0044150	.000498	.000958	.0006088	.001638
%RSD	914.0132	131.4631	106.2583	67.62060	33.29017	6.810502
#1	-.000154	-.000224	-.000002	-.002378	.0021279	-.022591
#2	.000205	.002008	-.000411	-.001408	.0022301	-.025824
#3	-.000116	.008291	-.000994	-.000463	.0011283	-.023746

Elem	Sr4077
Units	ppm
Avg	.0000040
Stddev	.0001050
%RSD	2607.097
#1	-.000115
#2	.000085
#3	.000042

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	985.1256	29349.16	5644.477	877.0609	1814.617
Stddev	13.3330	134.92	230.751	3.3298	24.126
%RSD	1.353435	.4597088	4.088083	.3796597	1.329534
#1	977.6606	29237.26	5541.457	878.3380	1801.481
#2	1000.519	29311.22	5908.793	873.2815	1842.460
#3	977.197	29498.98	5483.182	879.5631	1799.909

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165171BS Acquired: 12/02/2024 17:39:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS171 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211864	.0542454	.0192693	.0666004	.1135897	.4466405
Stddev	.0021896	.0027329	.0037498	.0059005	.0028777	.0100191
%RSD	10.33490	5.037952	19.46009	8.859608	2.533406	2.243203
#1	.0235501	.0571293	.0235314	.0598095	.1155816	.4481775
#2	.0207814	.0539130	.0177993	.0704740	.1148969	.4359417
#3	.0192275	.0516940	.0164772	.0695177	.1102904	.4558022

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4392742	.0114972	.0110250	11.20980	.0247792	.1049058
Stddev	.0020036	.0001286	.0000266	.04195	.0011067	.0005505
%RSD	.4561050	1.118307	.2409583	.3742665	4.466405	.5247524
#1	.4370885	.0114189	.0110395	11.16336	.0239690	.1048995
#2	.4410237	.0116456	.0109943	11.24498	.0243284	.1043585
#3	.4397103	.0114272	.0110411	11.22106	.0260402	.1054594

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0548666	.2280424	.0361201	10.85195	.0899464	.0225484
Stddev	.0013506	.0028597	.0005242	.05615	.0008023	.0003692
%RSD	2.461537	1.254041	1.451129	.5173866	.8919759	1.637208
#1	.0560698	.2304328	.0355761	10.91152	.0906271	.0221376
#2	.0551244	.2288201	.0366218	10.84431	.0890618	.0226550
#3	.0534058	.2248742	.0361623	10.80001	.0901504	.0228525

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.97970	.1164797	.1386884	10.16643	.0184624	F -.006357
Stddev	.09972	.0057412	.0009754	.12894	.0020154	.000752
%RSD	.9081787	4.928927	.7032852	1.268319	10.91634	11.83696
#1	10.87626	.1100504	.1395142	10.05812	.0172891	-.005525
#2	10.98761	.1182945	.1376123	10.30906	.0207896	-.006989
#3	11.07522	.1210942	.1389386	10.13210	.0173085	-.006558

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165171BS Acquired: 12/02/2024 17:39:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS171 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0207135	.1985455	F .3346622	.0146301	.2202205	F .0065621
Stddev	.0004774	.0032070	.0007061	.0007466	.0013467	.0012117
%RSD	2.304665	1.615243	.2109769	5.103102	.6115398	18.46522
#1	.0207618	.2007191	.3338474	.0154915	.2205655	.0058888
#2	.0202137	.1948623	.3350456	.0142286	.2213612	.0058366
#3	.0211648	.2000551	.3350937	.0141701	.2187348	.0079610

Elem	Sr4077
Units	ppm
Avg	.2223722
Stddev	.0008383
%RSD	.3769925
#1	.2216258
#2	.2232792
#3	.2222117

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	989.0927	29445.86	5662.147	883.3980	1757.191
Stddev	5.6596	23.16	24.119	4.2285	11.875
%RSD	.5722024	.0786414	.4259696	.4786590	.6757821
#1	982.6290	29423.36	5680.674	878.5679	1744.647
#2	993.1590	29444.60	5634.875	886.4316	1768.259
#3	991.4902	29469.62	5670.891	885.1944	1758.666

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165167BL Acquired: 12/02/2024 17:43:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044237	.0021160	-.001718	.0014755	-.002671	-.009664
Stddev	.0027810	.0020242	.000907	.0054469	.001798	.002116
%RSD	62.86503	95.66358	52.80989	369.1643	67.31363	21.89546
#1	.0013919	.0033724	-.000948	.0075748	-.003991	-.012011
#2	.0068560	-.000219	-.002718	-.002904	-.000623	-.007901
#3	.0050233	.003195	-.001487	-.000245	-.003398	-.009082

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001660	.0000148	-.000147	-.005937	.0000595	.0002363
Stddev	.000278	.0000641	.000041	.005097	.0007591	.0003830
%RSD	16.78174	432.7137	27.83347	85.86015	1274.961	162.0603
#1	-.001960	-.000052	-.000173	-.009521	-.000794	-.000132
#2	-.001607	.000076	-.000167	-.008189	.000657	.000208
#3	-.001411	.000021	-.000100	-.000101	.000316	.000633

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005556	-.012157	.0005101	-.020937	.0005092	.0003684
Stddev	.0011483	.012942	.0003218	.007116	.0002359	.0002295
%RSD	206.6906	106.4557	63.08405	33.98626	46.33053	62.29674
#1	.0006429	.002577	.0008714	-.013204	.0006703	.0006099
#2	-.000634	-.021684	.0002542	-.027209	.0006189	.0001530
#3	.001658	-.017364	.0004047	-.022397	.0002384	.0003425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3618545	.0006343	-.000486	-.253192	.0015117	-.006075
Stddev	.2226119	.0042218	.000622	.071512	.0023586	.001534
%RSD	61.51973	665.6391	127.8893	28.24404	156.0198	25.24685
#1	.4439109	.0049228	-.000328	-.282167	.0017970	-.007846
#2	.1098616	-.003517	.000041	-.305669	-.000977	-.005159
#3	.5317910	.000497	-.001172	-.171740	.003715	-.005220

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165167BL Acquired: 12/02/2024 17:43:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS167 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000260	.0066258	.0002346	-.001458	.0012408	F -.025309
Stddev	.000179	.0065934	.0002681	.000285	.0007309	.000530
%RSD	68.89524	99.51071	114.2776	19.51360	58.90824	2.095034
#1	-.000135	.0142128	-.000052	-.001618	.0004035	-.025191
#2	-.000465	.0022836	.000276	-.001130	.0017512	-.024848
#3	-.000180	.0033810	.000480	-.001627	.0015678	-.025889

Elem	Sr4077
Units	ppm
Avg	-.000062
Stddev	.000154
%RSD	248.7795
#1	.000096
#2	-.000212
#3	-.000070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	998.3797	29565.69	5653.176	880.8740	1831.807
Stddev	4.5234	119.14	11.431	7.3015	3.168
%RSD	.4530709	.4029754	.2022039	.8288912	.1729696
#1	994.7045	29433.22	5644.661	872.9570	1829.711
#2	997.0033	29599.78	5648.700	887.3429	1830.258
#3	1003.431	29664.08	5666.168	882.3221	1835.452

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165167BS Acquired: 12/02/2024 17:48:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS167 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0256142	.0507393	.0187383	.0669316	.1150869	.3972109
Stddev	.0068714	.0028205	.0014656	.0105400	.0012125	.0078688
%RSD	26.82645	5.558847	7.821536	15.74742	1.053581	1.981007
#1	.0278669	.0495759	.0187251	.0644404	.1164818	.3914906
#2	.0178992	.0539555	.0202105	.0578603	.1144938	.3939575
#3	.0310764	.0486866	.0172793	.0784940	.1142851	.4061847

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4476521	.0115618	.0111267	11.48568	.0242909	.1068403
Stddev	.0077241	.0001438	.0002128	.18920	.0008169	.0002042
%RSD	1.725469	1.243658	1.912461	1.647302	3.362812	.1911463
#1	.4490661	.0116099	.0108840	11.54382	.0239234	.1069934
#2	.4393186	.0114002	.0112813	11.27423	.0252269	.1069192
#3	.4545715	.0116755	.0112149	11.63899	.0237222	.1066085

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0575504	.2222316	.0376266	10.91263	.0911214	.0229991
Stddev	.0008170	.0136003	.0008683	.16411	.0004959	.0010452
%RSD	1.419577	6.119876	2.307646	1.503853	.5442602	4.544707
#1	.0575471	.2211342	.0378973	10.97440	.0916926	.0219649
#2	.0567351	.2092133	.0366552	10.72660	.0908010	.0229775
#3	.0583690	.2363474	.0383273	11.03690	.0908704	.0240550

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.40736	.1228034	.1405954	10.36051	.0182698	F -.005974
Stddev	.43264	.0010072	.0009448	.29685	.0028696	.001880
%RSD	3.792654	.8202127	.6719914	2.865236	15.70698	31.46162
#1	11.86696	.1239213	.1396921	10.52970	.0196337	-.005750
#2	11.00799	.1225225	.1415769	10.01774	.0202031	-.007955
#3	11.34712	.1219664	.1405171	10.53409	.0149726	-.004216

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165167BS Acquired: 12/02/2024 17:48:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS167 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0207674	.2118097	F .3356850	.0127808	.2204205	F .0051323
Stddev	.0005855	.0059556	.0058537	.0021735	.0049408	.0014860
%RSD	2.819425	2.811750	1.743798	17.00639	2.241539	28.95409
#1	.0211276	.2175255	.3370104	.0151803	.2211159	.0034484
#2	.0210829	.2122632	.3292823	.0109438	.2151688	.0056886
#3	.0200918	.2056403	.3407623	.0122182	.2249768	.0062598

Elem	Sr4077
Units	ppm
Avg	.2259732
Stddev	.0037015
%RSD	1.638022
#1	.2266133
#2	.2219935
#3	.2293129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.2871	29427.80	5712.508	880.9428	1758.283
Stddev	2.5555	41.56	71.076	.8493	3.023
%RSD	.2570188	.1412151	1.244215	.0964108	.1719048
#1	991.8963	29474.01	5689.373	881.6235	1754.832
#2	993.9846	29393.50	5792.269	879.9910	1760.458
#3	996.9804	29415.90	5655.882	881.2138	1759.559

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165169BL Acquired: 12/02/2024 17:52:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS169 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058743	-.002530	-.003280	-.001607	-.001632	.0035061
Stddev	.0024653	.001498	.002465	.006197	.000602	.0121858
%RSD	41.96758	59.21806	75.13471	385.6012	36.87527	347.5576
#1	.0060669	-.001289	-.000493	.004323	-.002142	-.010558
#2	.0033184	-.004195	-.004175	-.008040	-.001787	.010918
#3	.0082377	-.002107	-.005172	-.001105	-.000968	.010159

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000773	.0000845	-.000099	-.009496	-.000699	-.000242
Stddev	.000317	.0000813	.000121	.004258	.000146	.000244
%RSD	41.04567	96.25279	122.3007	44.84068	20.91287	100.7641
#1	-.001014	.0001558	.000026	-.006477	-.000841	-.000012
#2	-.000413	-.000004	-.000107	-.014367	-.000549	-.000498
#3	-.000890	.000102	-.000217	-.007645	-.000708	-.000217

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018422	-.012077	.0003111	.0067147	.0002069	.0004842
Stddev	.0014066	.015484	.0003406	.0375820	.0003901	.0003856
%RSD	76.35334	128.2033	109.4717	559.7015	188.5127	79.63440
#1	.0033427	.003817	.0002692	.0095439	.0005308	.0000947
#2	.0016303	-.027115	.0006707	.0428020	.0003160	.0008657
#3	.0005536	-.012934	-.000007	-.032202	-.000226	.0004921

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4104366	-.006135	-.000122	-.353905	-.000206	-.008321
Stddev	.1383811	.002327	.000671	.076901	.001393	.002958
%RSD	33.71558	37.92983	550.5333	21.72929	675.0743	35.54638
#1	.2798527	-.003777	-.000142	-.431407	.001029	-.005045
#2	.3959778	-.008430	-.000782	-.277619	-.001715	-.010795
#3	.5554795	-.006197	.000559	-.352689	.000067	-.009123

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165169BL Acquired: 12/02/2024 17:52:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS169 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000016	.0045933	.0000744	-.001554	-.000395	F -.027467
Stddev	.000461	.0043374	.0001986	.002776	.000874	.000813
%RSD	2862.085	94.43032	266.8248	178.5547	221.3844	2.959781
#1	.000474	.0001071	-.000064	-.004646	-.000966	-.026736
#2	-.000081	.0049079	.000302	-.000741	.000611	-.028343
#3	-.000441	.0087648	-.000014	.000724	-.000830	-.027324

Elem	Sr4077
Units	ppm
Avg	.0000837
Stddev	.0000600
%RSD	71.67258
#1	.0000670
#2	.0001503
#3	.0000339

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.3002	29556.31	5648.746	878.6168	1821.374
Stddev	4.7903	73.56	23.812	3.7330	11.363
%RSD	.4803250	.2488679	.4215511	.4248719	.6238674
#1	998.2578	29565.49	5622.371	874.6014	1825.931
#2	1001.539	29478.59	5668.664	881.9819	1829.750
#3	992.103	29624.84	5655.204	879.2673	1808.440

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165169BSRE Acquired: 12/02/2024 17:57:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS169 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211086	.0584183	.0201127	.0729307	.1166110	.4182289
Stddev	.0041474	.0038665	.0027717	.0047802	.0020027	.0183254
%RSD	19.64796	6.618713	13.78072	6.554508	1.717452	4.381668
#1	.0170534	.0539904	.0220703	.0753123	.1188431	.4143527
#2	.0209299	.0601368	.0169412	.0760523	.1160186	.4021516
#3	.0253424	.0611278	.0213265	.0674275	.1149712	.4381823

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4481122	.0115350	.0112846	11.44014	.0240765	.1076290
Stddev	.0078275	.0002505	.0000883	.16989	.0007836	.0009191
%RSD	1.746769	2.171329	.7824100	1.485034	3.254426	.8539696
#1	.4530660	.0117593	.0112397	11.52373	.0238732	.1073627
#2	.4390883	.0112648	.0113863	11.24465	.0234147	.1086518
#3	.4521825	.0115809	.0112277	11.55205	.0249417	.1068724

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547808	.2192352	.0377897	10.79265	.0921635	.0240816
Stddev	.0017308	.0131813	.0000833	.20397	.0006651	.0006332
%RSD	3.159423	6.012405	.2205182	1.889939	.7216091	2.629272
#1	.0534536	.2134139	.0377863	10.83442	.0929254	.0243419
#2	.0541503	.2099667	.0377081	10.57102	.0916993	.0233597
#3	.0567384	.2343250	.0378747	10.97251	.0918658	.0245431

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.23749	.1182244	F .1704911	10.36178	.0200717	F -.006290
Stddev	.05399	.0012349	.0018799	.33776	.0057906	.000393
%RSD	.4804753	1.044511	1.102620	3.259626	28.84964	6.249230
#1	11.29166	.1168135	.1716284	10.63403	.0158040	-.006726
#2	11.23713	.1187507	.1715236	9.98381	.0177478	-.006182
#3	11.18367	.1191089	.1683212	10.46750	.0266632	-.005963

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165169BSRE Acquired: 12/02/2024 17:57:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS169 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0212608	.2094811	F .3334768	.0146033	.2196613	F .0042850
Stddev	.0000594	.0091429	.0019818	.0014045	.0038931	.0008957
%RSD	.2794493	4.364547	.5942738	9.617703	1.772331	20.90300
#1	.0212796	.2168119	.3330360	.0130138	.2211456	.0053156
#2	.0213085	.2123949	.3317525	.0151193	.2152444	.0036945
#3	.0211943	.1992364	.3356419	.0156768	.2225939	.0038449

Elem	Sr4077
Units	ppm
Avg	.2241874
Stddev	.0039619
%RSD	1.767209
#1	.2260374
#2	.2196389
#3	.2268859

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	990.6531	29224.00	5713.854	875.4792	1741.788
Stddev	3.1406	39.36	59.493	3.7308	5.949
%RSD	.3170212	.1346681	1.041198	.4261479	.3415425
#1	987.3017	29183.76	5679.366	876.0956	1736.462
#2	991.1293	29225.82	5782.550	871.4785	1740.694
#3	993.5285	29262.41	5679.646	878.8634	1748.208

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-10 Acquired: 12/02/2024 18:01:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1422919	-.012503	3.836556	-.014117	.0010922	70.53333	1.178644
Stddev	.0042168	.001373	.025553	.004493	.0012210	.13854	.002744
%RSD	2.963489	10.97814	.6660358	31.82306	111.7942	.1964184	.2328191
#1	.1445857	-.012967	3.856344	-.010160	.0024408	70.46346	1.177521
#2	.1374254	-.010959	3.845617	-.013190	.0000619	70.69289	1.181771
#3	.1448645	-.013584	3.807708	-.019001	.0007738	70.44364	1.176639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053365	.0197185	278.2339	.1349042	.1378730	.4866050	192.8133
Stddev	.0000970	.0001323	.5521	.0008755	.0012681	.0005554	.1305
%RSD	1.816939	.6709624	.1984339	.6490029	.9197751	.1141477	.0676727
#1	.0054471	.0198712	277.7466	.1341308	.1393343	.4861154	192.8042
#2	.0052663	.0196468	278.8335	.1358548	.1370621	.4864910	192.9481
#3	.0052959	.0196376	278.1216	.1347270	.1372224	.4872087	192.6876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.60659	61.19184	.2493655	-.013322	1.992900	.1862987	1.594932
Stddev	.02723	.18612	.0025000	.000192	.080700	.0030328	.003345
%RSD	.2567134	.3041639	1.002539	1.444918	4.049395	1.627932	.2097179
#1	10.58362	61.22535	.2515420	-.013479	2.072380	.1831972	1.598003
#2	10.63667	61.35893	.2499196	-.013380	1.911032	.1892578	1.595425
#3	10.59947	60.99124	.2466350	-.013108	1.995289	.1864412	1.591368

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.995729	8.778076	.0351553	.0028108	2.956060	5.438023	.3456239
Stddev	.018559	.050727	.0035459	.0002503	.001242	.019672	.0045546
%RSD	.2321115	.5778875	10.08636	8.904200	.0420200	.3617576	1.317799
#1	8.005731	8.805028	.0374917	.0030560	2.955998	5.433112	.3494731
#2	8.007142	8.809638	.0368990	.0025557	2.957333	5.459686	.3468028
#3	7.974315	8.719561	.0310752	.0028207	2.954851	5.421272	.3405957

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-10 Acquired: 12/02/2024 18:01:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.277082	.0768879	.3726768
Stddev	.002441	.0003731	.0007623
%RSD	.1911658	.4853032	.2045372
#1	1.275865	.0773184	.3724615
#2	1.279893	.0766864	.3735236
#3	1.275488	.0766588	.3720454

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1112.184	33468.24	6790.095	978.4989	1523.236
Stddev	6.124	60.06	25.740	2.2911	9.707
%RSD	.5506235	.1794644	.3790783	.2341451	.6372318
#1	1107.055	33534.77	6804.361	978.3313	1516.545
#2	1110.533	33418.02	6760.381	976.2961	1518.793
#3	1118.964	33451.92	6805.543	980.8691	1534.368

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-11 Acquired: 12/02/2024 18:18:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1428243	-.010869	3.825120	-.020292	.0017331	70.59770	1.186672
Stddev	.0129576	.006718	.069442	.001384	.0033977	.10717	.005133
%RSD	9.072424	61.80702	1.815425	6.818931	196.0402	.1518085	.4325615
#1	.1404540	-.005887	3.745270	-.021397	-.000397	70.71413	1.191462
#2	.1568034	-.008211	3.871382	-.018740	.005651	70.50316	1.181254
#3	.1312154	-.018509	3.858710	-.020739	-.000055	70.57582	1.187299

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053538	.0196413	279.0816	.1349029	.1376909	.4859157	192.0791
Stddev	.0001247	.0006499	1.1691	.0007473	.0023666	.0018262	.1882
%RSD	2.328827	3.308835	.4189131	.5539457	1.718753	.3758191	.0979992
#1	.0054975	.0188932	279.3152	.1354871	.1351060	.4869547	192.2927
#2	.0052897	.0199639	277.8134	.1340608	.1397509	.4838071	191.9376
#3	.0052742	.0200667	280.1164	.1351607	.1382160	.4869852	192.0071

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.65840	60.89189	.2501317	-.012923	2.005563	.1926933	1.584304
Stddev	.04858	.16022	.0044812	.000239	.113005	.0029199	.007768
%RSD	.4558251	.2631302	1.791553	1.853036	5.634581	1.515317	.4902811
#1	10.66117	61.06975	.2449869	-.012728	2.073888	.1931672	1.581121
#2	10.60849	60.84709	.2522253	-.012850	1.875125	.1895655	1.593157
#3	10.70554	60.75884	.2531830	-.013190	2.067675	.1953474	1.578634

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.147773	8.744520	.0378610	.0029439	2.968259	5.379787	.3485247
Stddev	.059064	.163552	.0013875	.0002806	.063199	.025323	.0063843
%RSD	.7249127	1.870336	3.664801	9.532734	2.129149	.4707096	1.831803
#1	8.212836	8.556397	.0364483	.0029970	2.897015	5.364457	.3422216
#2	8.097530	8.852957	.0392219	.0031943	2.990198	5.365889	.3549872
#3	8.132954	8.824205	.0379127	.0026406	3.017565	5.409016	.3483653

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-11 Acquired: 12/02/2024 18:18:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.272213	.0852041	.3732008
Stddev	.004613	.0003271	.0009688
%RSD	.3625789	.3838691	.2595948
#1	1.277395	.0854078	.3742694
#2	1.268555	.0848268	.3723798
#3	1.270688	.0853775	.3729533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1113.187	33246.10	6800.995	980.4138	1522.539
Stddev	8.595	66.98	27.132	3.2230	22.655
%RSD	.7721000	.2014612	.3989356	.3287370	1.487974
#1	1123.073	33182.48	6814.867	979.6778	1548.577
#2	1109.001	33239.85	6818.385	977.6224	1507.338
#3	1107.487	33315.99	6769.732	983.9411	1511.703

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-10LX5 Acquired: 12/02/2024 18:23:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0308194	.0018742	.8017881	-.005384	.0015090	16.42751	.2788744
Stddev	.0029609	.0027305	.0018735	.011671	.0012539	.04336	.0009246
%RSD	9.607316	145.6875	.2336636	216.7774	83.09573	.2639529	.3315602
#1	.0342377	-.000398	.8033258	.007989	.0014160	16.46770	.2799011
#2	.0290491	.001118	.7997015	-.013511	.0003042	16.43326	.2786148
#3	.0291715	.004903	.8023372	-.010629	.0028068	16.38155	.2781074

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013078	.0035093	66.74340	.0323738	.0264185	.1123997	46.53984
Stddev	.0000518	.0001244	.06935	.0005361	.0006469	.0023298	.15712
%RSD	3.957614	3.545545	.1038997	1.656056	2.448602	2.072756	.3375928
#1	.0013060	.0033707	66.82050	.0321665	.0262557	.1097110	46.68290
#2	.0013605	.0036114	66.72358	.0319723	.0271313	.1136669	46.37169
#3	.0012570	.0035457	66.68612	.0329827	.0258687	.1138213	46.56491

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.607237	14.39973	.0517273	-.001290	.6090465	.0503048	.3858296
Stddev	.001558	.08708	.0012262	.000480	.4476351	.0070680	.0035614
%RSD	.0597377	.6047318	2.370519	37.20475	73.49769	14.05034	.9230620
#1	2.608929	14.48979	.0504780	-.000773	1.102534	.0427163	.3894323
#2	2.606917	14.39343	.0529290	-.001722	.229149	.0567005	.3857458
#3	2.605863	14.31597	.0517748	-.001376	.495457	.0514977	.3823108

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.752018	1.741244	.0052284	.0001367	.5912869	1.331744	.0688464
Stddev	.002711	.014479	.0003420	.0005860	.0095567	.002902	.0029785
%RSD	.1547585	.8315429	6.541897	428.6602	1.616259	.2179152	4.326268
#1	1.749225	1.728097	.0049115	-.000215	.5803614	1.330179	.0667804
#2	1.754640	1.756762	.0055910	.000813	.5980932	1.335093	.0722606
#3	1.752188	1.738872	.0051827	-.000189	.5954063	1.329960	.0674982

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-10LX5 Acquired: 12/02/2024 18:23:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3019905	.0029708	.0884407
Stddev	.0009376	.0002147	.0002698
%RSD	.3104715	7.227399	.3050210
#1	.3025835	.0027579	.0887466
#2	.3024783	.0029673	.0882369
#3	.3009095	.0031873	.0883386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.277	30254.36	5933.959	895.7901	1684.584
Stddev	5.746	98.90	26.656	7.6014	11.270
%RSD	.5615001	.3269089	.4492194	.8485706	.6690074
#1	1027.509	30142.16	5908.782	887.5350	1693.914
#2	1016.736	30328.88	5931.214	897.3348	1672.062
#3	1025.588	30292.06	5961.882	902.5005	1687.775

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-12 Acquired: 12/02/2024 18:27:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2233597	.0785530	3.910703	.1396785	.1580005	72.15838	4.651782
Stddev	.0069856	.0013992	.061919	.0019880	.0061101	2.02698	.131922
%RSD	3.127487	1.781204	1.583333	1.423242	3.867141	2.809078	2.835937
#1	.2186997	.0801627	3.839964	.1419280	.1516694	73.24886	4.718648
#2	.2313916	.0778672	3.955071	.1381576	.1638626	73.40669	4.736881
#3	.2199879	.0776289	3.937075	.1389500	.1584695	69.81959	4.499816

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0871852	.1229883	272.2556	.5011211	1.169065	.8727647	188.9566
Stddev	.0017205	.0020562	7.3603	.0019448	.020955	.0276297	4.9263
%RSD	1.973368	1.671828	2.703441	.3880995	1.792482	3.165770	2.607097
#1	.0880329	.1206387	275.8234	.5033011	1.145522	.8847045	191.5479
#2	.0883174	.1244583	277.1520	.4995639	1.185675	.8924167	192.0464
#3	.0852054	.1238681	263.7913	.5004982	1.175998	.8411729	183.2755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.26077	59.28739	1.286953	.0710137	1.909745	1.070106	2.306292
Stddev	.30657	1.59508	.019630	.0005413	.253583	.022111	.013354
%RSD	2.722443	2.690428	1.525278	.7622268	13.27839	2.066207	.5790277
#1	11.41184	60.20378	1.265733	.0713029	2.018020	1.082597	2.315442
#2	11.46249	60.21283	1.304464	.0703893	2.091217	1.083144	2.312466
#3	10.90799	57.44555	1.290661	.0713491	1.619998	1.044577	2.290968

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.835525	8.859688	.0303806	.0017293	3.027680	5.350905	.3497913
Stddev	.301948	.140257	.0053736	.0005025	.053515	.090990	.0064196
%RSD	3.853580	1.583090	17.68768	29.05986	1.767531	1.700455	1.835268
#1	7.978071	8.701339	.0319080	.0022967	2.969566	5.406866	.3427062
#2	8.039812	8.968294	.0348253	.0015512	3.074929	5.399935	.3552213
#3	7.488692	8.909430	.0244087	.0013402	3.038543	5.245916	.3514465

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-12 Acquired: 12/02/2024 18:27:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.246210	.0779980	.3648605
Stddev	.031877	.0032939	.0102466
%RSD	2.557945	4.223101	2.808357
#1	1.259328	.0794496	.3701763
#2	1.269435	.0803168	.3713567
#3	1.209866	.0742276	.3530484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1098.002	33203.84	6859.127	971.0600	1493.946
Stddev	10.197	159.91	132.752	8.5038	19.948
%RSD	.9286787	.4815861	1.935407	.8757187	1.335244
#1	1108.415	33031.76	6785.914	968.0128	1515.635
#2	1088.035	33231.93	6779.101	964.4997	1476.386
#3	1097.556	33347.85	7012.365	980.6675	1489.816

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-20 Acquired: 12/02/2024 18:31:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1596951	-.003667	8.229097	-.004280	.0073362	62.10957
Stddev	.0034412	.003469	.074784	.010453	.0024940	.46208
%RSD	2.154841	94.59815	.9087750	244.2241	33.99545	.7439778
#1	.1591294	.000307	8.244396	-.012064	.0075635	62.37434
#2	.1633840	-.005222	8.295049	.007601	.0047364	62.37835
#3	.1565718	-.006086	8.147847	-.008378	.0097088	61.57601

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.192766	.0048372	.0169028	38.24252	.2051198	.1084252
Stddev	.017522	.0002105	.0002737	.24458	.0007481	.0012044
%RSD	.7990858	4.352480	1.619415	.6395541	.3647351	1.110827
#1	2.201420	.0048762	.0165970	38.37570	.2058379	.1094200
#2	2.204277	.0050254	.0171250	38.39162	.2043448	.1087695
#3	2.172600	.0046098	.0169863	37.96025	.2051768	.1070861

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5867728	160.0677	14.10635	14.53730	.2276946	-.008972
Stddev	.0034699	1.2538	.10788	.07606	.0025116	.000230
%RSD	.5913523	.7832790	.7647302	.5232213	1.103068	2.567220
#1	.5871634	160.7762	14.16091	14.55482	.2280201	-.009181
#2	.5900309	160.8067	14.17604	14.60307	.2300276	-.009011
#3	.5831241	158.6200	13.98209	14.45401	.2250360	-.008725

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.517484	.1867080	2.353887	7.490690	F 14.68206	.0258278
Stddev	.028487	.0003021	.015842	.095303	.11798	.0027323
%RSD	1.877227	.1617874	.6730315	1.272289	.8035508	10.57893
#1	1.487446	.1870416	2.371516	7.382916	14.68092	.0281639
#2	1.520894	.1864530	2.349299	7.563848	14.80060	.0264963
#3	1.544112	.1866295	2.340844	7.525306	14.56465	.0228233

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-20 Acquired: 12/02/2024 18:31:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125623	3.604401	5.874896	.3664152	1.320512	.0451842
Stddev	.0006501	.029211	.020732	.0024357	.010257	.0019075
%RSD	5.174712	.8104239	.3528983	.6647378	.7767374	4.221493
#1	.0118136	3.604280	5.878435	.3656994	1.323459	.0452823
#2	.0129836	3.633673	5.893630	.3691285	1.328973	.0470407
#3	.0128895	3.575251	5.852621	.3644175	1.309104	.0432296

Elem	Sr4077
Units	ppm
Avg	.1613661
Stddev	.0012287
%RSD	.7614497
#1	.1619674
#2	.1621783
#3	.1599525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1149.022	34351.92	6797.194	1002.869	1667.829
Stddev	6.136	106.22	28.860	8.305	12.343
%RSD	.5340556	.3092226	.4245825	.8281224	.7400685
#1	1146.848	34231.27	6767.754	993.379	1665.274
#2	1144.269	34431.40	6798.392	1006.419	1656.964
#3	1155.950	34393.07	6825.436	1008.809	1681.250

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV072 Acquired: 12/02/2024 18:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.428099	4.880174	24.91362	4.785274	4.642085	390.7166
Stddev	.053436	.033449	.15928	.025232	.028990	2.0354
%RSD	.9844321	.6853995	.6393165	.5272897	.6245041	.5209350
#1	5.489714	4.917835	25.09002	4.801609	4.643459	388.4346
#2	5.394459	4.853926	24.78034	4.756213	4.612432	391.3708
#3	5.400123	4.868760	24.87049	4.798001	4.670364	392.3444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02008	.4876336	2.639594	401.3631	15.08986	2.503323
Stddev	.10172	.0034860	.018717	2.4605	.54905	.015770
%RSD	1.015195	.7148802	.7090854	.6130368	3.638565	.6299810
#1	10.13040	.4899432	2.658147	404.1811	14.85626	2.516287
#2	9.99986	.4893338	2.620718	400.2674	15.71708	2.485766
#3	9.92999	.4836237	2.639918	399.6407	14.69623	2.507917

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.53854	396.7179	14.69380	410.5356	2.484223	1.251352
Stddev	.08574	2.8293	.08042	2.1386	.015094	.048974
%RSD	.5897298	.7131669	.5472972	.5209373	.6075774	3.913701
#1	14.63497	399.9354	14.78620	412.9889	2.498273	1.229135
#2	14.50978	395.5994	14.65560	409.5535	2.468267	1.307497
#3	14.47089	394.6189	14.63960	409.0645	2.486130	1.217424

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.9384	2.442577	14.08142	150.3260	4.747622	F 3.958282
Stddev	2.7169	.015155	.62266	.9640	.030032	.028767
%RSD	.6931875	.6204518	4.421848	.6412977	.6325615	.7267627
#1	395.0543	2.458693	13.77317	151.4302	4.778255	3.984359
#2	390.6966	2.428613	14.79807	149.8962	4.718230	3.963065
#3	390.0644	2.440425	13.67301	149.6516	4.746379	3.927423

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV072 Acquired: 12/02/2024 18:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV072 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.702079	4.939255	F 3.317957	5.012079	4.888440	4.800623
Stddev	.033613	.024726	.015895	.028178	.029870	.024200
%RSD	.7148638	.5006054	.4790466	.5621993	.6110283	.5041011
#1	4.719068	4.961710	3.325812	5.041567	4.921675	4.827770
#2	4.663362	4.912756	3.328396	4.985425	4.879808	4.792787
#3	4.723807	4.943299	3.299665	5.009247	4.863836	4.781313

Elem	Sr4077
Units	ppm
Avg	4.934318
Stddev	.018899
%RSD	.3830070
#1	4.951896
#2	4.936729
#3	4.914330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	808.9219	25967.47	5414.979	672.9847	1306.044
Stddev	3.5577	845.03	17.725	27.1402	7.617
%RSD	.4398071	3.254184	.3273300	4.032810	.5831996
#1	806.0960	26342.02	5394.516	685.7292	1297.563
#2	812.9171	24999.90	5424.890	641.8178	1312.302
#3	807.7526	26560.48	5425.532	691.4070	1308.265

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB072 Acquired: 12/02/2024 18:45:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037454	.0021896	-.002656	.0019967	.0029620	.1040408	.0007174
Stddev	.0070212	.0024775	.004856	.0008079	.0016866	.0164480	.0003640
%RSD	187.4633	113.1462	182.8159	40.46083	56.94117	15.80922	50.74314
#1	.0117929	-.000648	-.001668	.0023924	.0044578	.0851914	.0011038
#2	-.001130	.003925	-.007930	.0010673	.0032942	.1114497	.0003809
#3	.000573	.003291	.001629	.0025304	.0011340	.1154812	.0006674

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000091	-.000111	-.003254	-.000238	-.000009	.0022855	-.000111
Stddev	.000058	.000098	.010513	.001059	.000540	.0007945	.013020
%RSD	63.92353	88.86303	323.0267	445.8044	5839.859	34.76179	11767.99
#1	-.000141	-.000128	-.014086	-.000670	.000490	.0028189	-.010309
#2	-.000104	-.000005	-.002583	.000969	-.000582	.0013724	-.004578
#3	-.000027	-.000199	.006907	-.001012	.000064	.0026650	.014555

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011243	-.007415	.0006571	.0009063	.2811537	-.002165	.0010026
Stddev	.0006585	.000382	.0006855	.0012709	.3832059	.003318	.0002551
%RSD	58.56655	5.150665	104.3210	140.2380	136.2976	153.2925	25.44424
#1	.0013218	-.007273	.0002436	.0012986	-.047380	-.005950	.0008993
#2	.0016615	-.007848	.0002793	-.000515	.188718	.000242	.0008154
#3	.0003897	-.007125	.0014483	.001935	.702123	-.000786	.0012932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1069722	.0020827	.0024745	-.000121	.0017032	.0004412	-.000791
Stddev	.1524184	.0040691	.0005319	.000692	.0011013	.0004643	.001737
%RSD	142.4841	195.3785	21.49672	574.4482	64.66024	105.2362	219.5619
#1	-.062030	.0059087	.0030791	-.000303	.0025360	-.000082	.001112
#2	.234019	-.002192	.0020786	.000645	.0004545	.000803	-.001195
#3	.148928	.002532	.0022657	-.000703	.0021190	.000604	-.002291

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB072 Acquired: 12/02/2024 18:45:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB072 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000372	-.000660	.0001229
Stddev	.000852	.000835	.0000430
%RSD	228.6558	126.4333	34.96648
#1	-.000676	-.000701	.0001164
#2	.000589	.000194	.0000835
#3	-.001031	-.001474	.0001687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1002.890	29646.22	5478.954	880.6765	1840.370
Stddev	2.835	519.65	88.840	10.5927	5.256
%RSD	.2827271	1.752837	1.621474	1.202794	.2856058
#1	1003.970	29488.84	5508.507	874.2760	1842.638
#2	1005.028	30226.37	5379.104	892.9035	1844.111
#3	999.674	29223.45	5549.250	874.8501	1834.360

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-03 Acquired: 12/02/2024 18:50:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6175292	.6292024	.5620538	.3121504	.2218987	2.403097	.8517112
Stddev	.0081004	.0087748	.0028592	.0050339	.0040938	.011753	.0048622
%RSD	1.311744	1.394588	.5087144	1.612661	1.844876	.4890860	.5708705
#1	.6268223	.6381347	.5589071	.3070213	.2198839	2.411833	.8548314
#2	.6119633	.6288785	.5627618	.3123465	.2192029	2.389734	.8461089
#3	.6138020	.6205941	.5644925	.3170834	.2266094	2.407723	.8541933

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4164189	.2537214	-.002901	.3709745	.1164784	.1605269	.7898155
Stddev	.0017269	.0005841	.014722	.0050409	.0004014	.0016407	.0269659
%RSD	.4147032	.2302013	507.5755	1.358836	.3445776	1.022072	3.414201
#1	.4172663	.2541587	.013185	.3745468	.1169057	.1609978	.7591329
#2	.4175584	.2530581	-.015706	.3731683	.1161094	.1587022	.8097494
#3	.4144320	.2539474	-.006181	.3652084	.1164201	.1618807	.8005642

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4236234	-.008786	1.534871	.6131900	.4443254	.4112683	.3435506
Stddev	.0012618	.041542	.002593	.0104627	.1215734	.0023839	.0068304
%RSD	.2978497	472.8367	.1689159	1.706269	27.36135	.5796556	1.988169
#1	.4240616	-.055502	1.536946	.6174757	.4730424	.4129216	.3445634
#2	.4222010	.024005	1.531965	.6208293	.3109644	.4085355	.3498180
#3	.4246076	.005140	1.535704	.6012649	.5489694	.4123476	.3362704

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.627612	-.000356	1.618613	.4723189	.0061240	.0470853	.0001217
Stddev	.099546	.004495	.014175	.0005196	.0030961	.0004806	.0021674
%RSD	15.86102	1262.347	.8757495	.1100097	50.55630	1.020688	1780.924
#1	-.589728	.004542	1.627518	.4724583	.0067497	.0473591	-.001740
#2	-.552570	-.001320	1.626053	.4717438	.0088594	.0473663	-.000397
#3	-.740537	-.004291	1.602267	.4727546	.0027629	.0465303	.002501

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-03 Acquired: 12/02/2024 18:50:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006295	-.018866	.3836942
Stddev	.0020117	.000610	.0015912
%RSD	319.5583	3.235812	.4147073
#1	.0029439	-.018825	.3851891
#2	-.000699	-.018277	.3820216
#3	-.000356	-.019496	.3838720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1015.065	30323.03	5724.379	900.3319	1857.416
Stddev	2.220	390.32	11.293	11.2692	4.544
%RSD	.2187300	1.287193	.1972819	1.251675	.2446663
#1	1013.514	30126.36	5711.958	897.6114	1854.538
#2	1017.608	30070.17	5734.027	890.6719	1862.655
#3	1014.072	30772.56	5727.153	912.7123	1855.055

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-01 Acquired: 12/02/2024 18:54:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.272203	2.335626	1.974357	1.051109	.6306557	73.67065
Stddev	.021038	.017541	.004729	.006099	.0034288	.05688
%RSD	.9259072	.7510181	.2395010	.5802072	.5436925	.0772047
#1	2.249044	2.337275	1.976024	1.048776	.6305205	73.69013
#2	2.277428	2.317319	1.969020	1.058030	.6341501	73.71523
#3	2.290135	2.352284	1.978026	1.046522	.6272964	73.60659

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.497357	F 1.983624	1.430332	66.33510	3.139273	2.269584
Stddev	.016471	.004856	.003517	.20771	.002364	.004432
%RSD	.3662414	.2448062	.2458757	.3131258	.0752892	.1952594
#1	4.506271	1.981064	1.428538	66.51964	3.141802	2.265581
#2	4.507450	1.980583	1.428074	66.37551	3.137119	2.268826
#3	4.478350	1.989224	1.434384	66.11015	3.138899	2.274346

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.434984	93.53656	5.201417	21.19554	1.492100	.5740294
Stddev	.001737	.17338	.020216	.11313	.003008	.0010559
%RSD	.1210768	.1853637	.3886611	.5337464	.2015634	.1839510
#1	1.435979	93.45092	5.219368	21.21470	1.488894	.5751713
#2	1.432978	93.73610	5.205366	21.29787	1.492545	.5738289
#3	1.435995	93.42266	5.179519	21.07406	1.494860	.5730882

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.170765	1.496944	4.070393	13.45916	2.712170	2.407167
Stddev	.314631	.010753	.016811	.09454	.007327	.003041
%RSD	5.098729	.7182999	.4130029	.7024334	.2701549	.1263418
#1	5.962326	1.497143	4.076061	13.49452	2.708837	2.409342
#2	6.017288	1.486093	4.083638	13.53093	2.707102	2.408468
#3	6.532681	1.507595	4.051481	13.35204	2.720571	2.403692

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-01 Acquired: 12/02/2024 18:54:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5387031	.7614920	8.157178	1.247967	3.031570	1.350209
Stddev	.0012877	.0203427	.028048	.006637	.002781	.004455
%RSD	.2390301	2.671420	.3438392	.5317908	.0917341	.3299764
#1	.5385352	.7556902	8.137508	1.252955	3.032394	1.352113
#2	.5375076	.7841052	8.144731	1.240435	3.028470	1.353396
#3	.5400664	.7446805	8.189295	1.250511	3.033846	1.345118

Elem	Sr4077
Units	ppm
Avg	2.759011
Stddev	.008094
%RSD	.2933814
#1	2.763727
#2	2.763642
#3	2.749665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1089.038	32630.94	6416.614	952.2724	1688.163
Stddev	3.414	24.18	13.656	3.5087	4.707
%RSD	.3135185	.0740897	.2128232	.3684594	.2788454
#1	1092.209	32605.05	6415.231	950.2994	1691.853
#2	1089.483	32652.92	6430.908	950.1943	1689.774
#3	1085.424	32634.83	6403.701	956.3235	1682.861

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-01DLX2 Acquired: 12/02/2024 19:02:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.129291	1.215542	1.006422	.5697760	.3352305	38.92993
Stddev	.007874	.008045	.006629	.0082797	.0039255	.05877
%RSD	.6972810	.6618046	.6586907	1.453145	1.170975	.1509713
#1	1.124323	1.208894	.998911	.5793244	.3307516	38.86676
#2	1.125180	1.213247	1.008898	.5654191	.3368671	38.98299
#3	1.138370	1.224485	1.011457	.5645845	.3380729	38.94004

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.400495	F 1.046801	.7244951	35.45796	1.668734	1.143888
Stddev	.003353	.001210	.0028895	.09860	.045054	.006342
%RSD	.1396607	.1155671	.3988305	.2780824	2.699885	.5544217
#1	2.402204	1.046612	.7213799	35.56838	1.680922	1.136614
#2	2.402649	1.045698	.7250178	35.42680	1.618840	1.146795
#3	2.396633	1.048095	.7270876	35.37870	1.706440	1.148255

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7717054	50.33989	2.786441	11.27113	.7558171	.3003422
Stddev	.0035955	.14412	.006375	.09172	.0027570	.0095616
%RSD	.4659140	.2862993	.2288004	.8137826	.3647751	3.183553
#1	.7758020	50.19179	2.793257	11.16572	.7530533	.3036621
#2	.7690732	50.47967	2.780625	11.33281	.7558307	.2895632
#3	.7702409	50.34820	2.785440	11.31484	.7585673	.3078013

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.291297	.8001739	2.149449	6.827152	1.352504	1.302978
Stddev	.396964	.0024148	.043371	.019450	.002122	.007168
%RSD	12.06102	.3017885	2.017761	.2848956	.1569067	.5500920
#1	3.475708	.8029579	2.158708	6.804715	1.350865	1.297973
#2	2.835671	.7986469	2.102197	6.839236	1.351746	1.299773
#3	3.562513	.7989168	2.187443	6.837505	1.354901	1.311189

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-01DLX2 Acquired: 12/02/2024 19:02:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2864210	.3727935	4.355040	.6271899	1.628075	.7117451
Stddev	.0009725	.0080341	.003278	.0032425	.002920	.0013296
%RSD	.3395284	2.155097	.0752802	.5169833	.1793300	.1868042
#1	.2857151	.3635975	4.352337	.6309257	1.624901	.7108797
#2	.2860175	.3784507	4.358687	.6255376	1.630646	.7132760
#3	.2875302	.3763323	4.354097	.6251064	1.628679	.7110796

Elem	Sr4077
Units	ppm
Avg	1.468516
Stddev	.000581
%RSD	.0395449
#1	1.468486
#2	1.469111
#3	1.467951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1043.283	31357.90	6064.336	923.1376	1719.780
Stddev	2.852	703.47	13.446	16.1924	7.192
%RSD	.2734133	2.243351	.2217185	1.754056	.4181795
#1	1044.974	31213.35	6071.756	922.0873	1727.089
#2	1044.886	32122.42	6048.815	939.8296	1719.539
#3	1039.990	30737.94	6072.436	907.4960	1712.712

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-01DL2X5 Acquired: 12/02/2024 19:16:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4536769	.4988882	.3994547	.2435320	.1358078	16.20456	.9813542
Stddev	.0139113	.0041876	.0033487	.0024949	.0020471	.01215	.0012496
%RSD	3.066335	.8393845	.8383176	1.024451	1.507323	.0750029	.1273381
#1	.4694441	.5014100	.4018298	.2459428	.1342928	16.21827	.9800861
#2	.4431345	.5012004	.3956246	.2409608	.1381367	16.19511	.9825845
#3	.4484522	.4940543	.4009097	.2436923	.1349941	16.20028	.9813919

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4311247	.2901586	14.83639	.7037773	.4587056	.3178790	20.90361
Stddev	.0021166	.0007340	.02384	.0025322	.0013960	.0021664	.03819
%RSD	.4909495	.2529750	.1606909	.3598009	.3043280	.6815204	.1827107
#1	.4313745	.2893111	14.80943	.7018822	.4582397	.3195423	20.93461
#2	.4288943	.2905959	14.84506	.7066532	.4576021	.3186656	20.86095
#3	.4331054	.2905687	14.85468	.7027965	.4602749	.3154292	20.91528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.184484	4.695275	.3065797	.1257390	1.561127	.3383232	.8947657
Stddev	.002470	.044355	.0007201	.0005035	.332180	.0060891	.0031798
%RSD	.2085047	.9446803	.2348901	.4003932	21.27822	1.799801	.3553820
#1	1.183243	4.657188	.3059343	.1251791	1.819249	.3344801	.8917200
#2	1.187329	4.743973	.3064484	.1258835	1.677776	.3453438	.8945124
#3	1.182882	4.684664	.3073565	.1261544	1.186356	.3351457	.8980646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.390023	.5380841	.5353943	.1177084	.1381073	1.710085	.2503677
Stddev	.060225	.0034675	.0075752	.0003782	.0009243	.010601	.0005691
%RSD	2.519852	.6444108	1.414888	.3213312	.6692940	.6198946	.2272978
#1	2.434268	.5377202	.5365908	.1178127	.1391105	1.717963	.2498496
#2	2.414364	.5417192	.5272920	.1172889	.1372901	1.698033	.2502769
#3	2.321437	.5348130	.5423001	.1180235	.1379212	1.714261	.2509768

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4917-01DL2X5 Acquired: 12/02/2024 19:16:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MX1007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6710937	.2812759	.6122179
Stddev	.0020637	.0003544	.0009373
%RSD	.3075169	.1260113	.1530962
#1	.6731114	.2815075	.6129411
#2	.6689868	.2814524	.6111590
#3	.6711829	.2808679	.6125537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1023.338	30410.35	5873.889	905.8962	1766.573
Stddev	2.276	77.10	10.493	1.8816	1.801
%RSD	.2223911	.2535285	.1786308	.2077021	.1019399
#1	1022.104	30430.74	5863.380	907.6781	1766.239
#2	1025.965	30325.11	5884.365	906.0816	1768.517
#3	1021.947	30475.20	5873.922	903.9287	1764.962

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165240BL Acquired: 12/02/2024 19:25:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW240 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053087	.0013031	-.004589	-.001241	.0008882	-.008864
Stddev	.0043290	.0057986	.002928	.002339	.0027248	.008132
%RSD	81.54633	444.9694	63.80015	188.4535	306.7618	91.74626
#1	.0061099	.0063052	-.004245	-.003061	.0037320	-.010379
#2	.0091811	-.005052	-.007674	.001397	-.001699	-.000081
#3	.0006350	.002657	-.001848	-.002060	.000632	-.016132

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000994	.0000366	-.000057	-.017415	-.000149	.0003160
Stddev	.000606	.0001688	.000023	.007033	.000629	.0002407
%RSD	60.94873	460.7772	39.78690	40.38446	422.2688	76.18125
#1	-.000362	-.000157	-.000031	-.012738	.000562	.0002244
#2	-.001570	.000150	-.000068	-.025503	-.000373	.0005890
#3	-.001050	.000118	-.000073	-.014004	-.000636	.0001345

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009900	-.003868	.0000115	-.024718	.0003305	.0000948
Stddev	.0014176	.002643	.0004468	.019830	.0001787	.0001990
%RSD	143.1852	68.34611	3871.209	80.22350	54.06875	210.0351
#1	.0026269	-.003716	-.000485	-.044233	.0005355	-.000087
#2	.0001629	-.001304	.000381	-.004587	.0002479	.000307
#3	.0001803	-.006584	.000139	-.025335	.0002080	.000064

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.087027	-.003111	-.000687	-.547217	-.000215	-.003265
Stddev	.108698	.003269	.000361	.015514	.001506	.001014
%RSD	124.9014	105.0462	52.57211	2.835095	700.7799	31.05794
#1	-.113247	-.002100	-.000686	-.562991	.001007	-.003635
#2	.032383	-.006766	-.000327	-.531976	.000246	-.002118
#3	-.180216	-.000469	-.001050	-.546685	-.001898	-.004042

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165240BL Acquired: 12/02/2024 19:25:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBW240 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000940	.0045346	-.000684	.0002537	.0000328	F -.024120
Stddev	.0004842	.0064927	.000151	.0020621	.0006544	.001304
%RSD	514.8820	143.1814	22.06238	812.8899	1992.537	5.406921
#1	-.000370	.0057209	-.000536	.0026168	.0007690	-.022627
#2	.000056	-.002469	-.000679	-.000675	-.000188	-.025039
#3	.000596	.010352	-.000837	-.001181	-.000483	-.024694

Elem	Sr4077
Units	ppm
Avg	-.000028
Stddev	.000096
%RSD	346.6817
#1	.000074
#2	-.000117
#3	-.000040

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1004.974	29771.63	5665.195	889.2543	1841.118
Stddev	1.937	27.47	31.047	2.5449	5.125
%RSD	.1927640	.0922829	.5480237	.2861864	.2783636
#1	1004.295	29762.90	5631.011	886.4089	1836.849
#2	1007.160	29802.41	5691.639	891.3130	1846.802
#3	1003.468	29749.59	5672.936	890.0410	1839.703

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165240BS Acquired: 12/02/2024 19:29:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS240 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183126	.0556665	.0180074	.0693346	.1130064	.4017392
Stddev	.0039433	.0050535	.0020081	.0061404	.0028960	.0131851
%RSD	21.53313	9.078147	11.15161	8.856230	2.562688	3.281996
#1	.0144621	.0501954	.0176203	.0712278	.1135663	.3913328
#2	.0223425	.0566447	.0201808	.0743054	.1098714	.4165667
#3	.0181333	.0601593	.0162210	.0624705	.1155816	.3973182

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4402716	.0115325	.0109151	11.31126	.0230348	.1039109
Stddev	.0008609	.0000926	.0000913	.04261	.0007894	.0003657
%RSD	.1955488	.8026600	.8365012	.3767123	3.427123	.3519363
#1	.4412436	.0116391	.0110156	11.34431	.0223462	.1038039
#2	.4399664	.0114731	.0108372	11.32630	.0228619	.1043181
#3	.4396049	.0114852	.0108926	11.26317	.0238964	.1036106

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532436	.2140007	.0369071	10.64044	.0893833	.0232287
Stddev	.0016348	.0096490	.0002742	.00450	.0006867	.0003541
%RSD	3.070380	4.508846	.7428320	.0422864	.7682398	1.524423
#1	.0513564	.2246059	.0371286	10.64452	.0894931	.0235357
#2	.0542233	.2057400	.0366005	10.64118	.0886483	.0228413
#3	.0541511	.2116562	.0369921	10.63562	.0900085	.0233091

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74354	.1162938	.1402736	9.912490	.0161917	F -.003679
Stddev	.19959	.0012494	.0016707	.110000	.0025084	.001146
%RSD	1.857807	1.074327	1.191021	1.109707	15.49174	31.13442
#1	10.94238	.1177327	.1408691	9.968098	.0155238	-.003818
#2	10.54320	.1154843	.1415650	9.785789	.0189664	-.004749
#3	10.74505	.1156644	.1383868	9.983584	.0140848	-.002471

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165240BS Acquired: 12/02/2024 19:29:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS240 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0203585	.2019134	F .3278068	.0134092	.2162400	F .0064288
Stddev	.0007070	.0101928	.0017941	.0003750	.0013700	.0006827
%RSD	3.473008	5.048122	.5472953	2.796624	.6335649	10.61890
#1	.0195424	.2034064	.3298688	.0137676	.2178051	.0062981
#2	.0207856	.2112774	.3269481	.0134404	.2152577	.0058209
#3	.0207475	.1910564	.3266035	.0130195	.2156572	.0071674

Elem	Sr4077
Units	ppm
Avg	.2208098
Stddev	.0004786
%RSD	.2167337
#1	.2212771
#2	.2208316
#3	.2203207

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1000.834	29445.80	5683.845	877.0897	1766.108
Stddev	1.736	104.45	13.869	2.9707	.288
%RSD	.1734764	.3547116	.2440023	.3387022	.0163056
#1	1002.789	29326.07	5668.870	875.3249	1766.425
#2	999.470	29518.22	5686.419	875.4247	1766.035
#3	1000.244	29493.12	5696.247	880.5195	1765.863

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165239BL Acquired: 12/02/2024 19:34:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS239 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031245	.0006855	-.002948	-.000893	-.000538	-.010957
Stddev	.0044469	.0016375	.000559	.005431	.003860	.004369
%RSD	142.3250	238.8929	18.95813	608.1219	717.4731	39.87008
#1	.0008854	-.001053	-.003429	.003390	-.004782	-.015899
#2	.0002422	.002199	-.003082	-.007002	.000403	-.009363
#3	.0082460	.000911	-.002335	.000933	.002765	-.007609

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000629	.0000370	-.000098	-.012749	.0001259	-.000244
Stddev	.000895	.0001224	.000147	.002383	.0005066	.000173
%RSD	142.3027	331.0016	150.1503	18.69256	402.5461	70.74009
#1	.000404	-.000067	-.000257	-.015435	-.000208	-.000145
#2	-.001150	.000006	-.000071	-.010891	-.000124	-.000144
#3	-.001140	.000172	.000034	-.011920	.000709	-.000443

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008385	-.006291	.0001698	-.037296	.0004007	.0005819
Stddev	.0008323	.003373	.0003119	.018653	.0009278	.0003837
%RSD	99.25578	53.61667	183.6794	50.01320	231.5368	65.93672
#1	.0011663	-.009201	-.000154	-.017568	.0009487	.0010235
#2	-.000108	-.002594	.000468	-.054646	-.000671	.0003298
#3	.001457	-.007078	.000195	-.039674	.000924	.0003924

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052136	.0021078	-.001061	-.593922	-.000153	-.005615
Stddev	.0968514	.0051622	.000924	.072947	.003302	.001528
%RSD	1857.659	244.9106	87.01581	12.28228	2164.569	27.22344
#1	.1090906	.0041100	-.000269	-.623460	-.003683	-.003995
#2	-.010845	-.003756	-.000839	-.647469	.002859	-.007031
#3	-.082605	.005969	-.002076	-.510838	.000366	-.005818

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165239BL Acquired: 12/02/2024 19:34:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS239 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	.0021165	-.000563	-.001549	.0004277	F -.026494
Stddev	.000509	.0030994	.000541	.001531	.0007722	.001717
%RSD	443.2313	146.4400	96.03107	98.85267	180.5616	6.479873
#1	.000214	-.001096	-.000279	-.002191	-.000443	-.027645
#2	.000143	.002357	-.000224	-.002654	.001029	-.024521
#3	-.000701	.005089	-.001187	.000199	.000698	-.027316

Elem	Sr4077
Units	ppm
Avg	.0000205
Stddev	.0000283
%RSD	137.9715
#1	-.000012
#2	.000036
#3	.000037

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1000.578	29606.59	5662.143	880.8022	1831.086
Stddev	4.540	67.31	6.382	6.5456	10.355
%RSD	.4536907	.2273636	.1127142	.7431446	.5655112
#1	995.390	29573.05	5660.500	875.9219	1819.456
#2	1003.820	29562.63	5656.743	888.2406	1839.308
#3	1002.525	29684.08	5669.186	878.2442	1834.494

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165239BS Acquired: 12/02/2024 19:38:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS239 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254038	.0526820	.0184004	.0679765	.1182174	.3989846
Stddev	.0026021	.0014078	.0001809	.0031255	.0016085	.0043408
%RSD	10.24300	2.672329	.9829641	4.597979	1.360637	1.087956
#1	.0238892	.0516503	.0185138	.0678590	.1197646	.4039631
#2	.0284084	.0542858	.0181918	.0711591	.1165539	.3969986
#3	.0239139	.0521098	.0184956	.0649114	.1183339	.3959921

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4473832	.0115407	.0112706	11.49918	.0242092	.1069216
Stddev	.0008922	.0000712	.0000941	.03473	.0006934	.0008205
%RSD	.1994185	.6166335	.8351333	.3020206	2.864165	.7673966
#1	.4464671	.0116227	.0113264	11.46794	.0241250	.1074218
#2	.4474331	.0114949	.0111619	11.49303	.0235617	.1059747
#3	.4482493	.0115046	.0113234	11.53658	.0249409	.1073684

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0547073	.2211252	.0380759	10.73808	.0924535	.0245862
Stddev	.0036957	.0089202	.0002716	.01172	.0005732	.0018047
%RSD	6.755379	4.033981	.7134104	.1091365	.6199677	7.340392
#1	.0534456	.2294123	.0377624	10.72646	.0929947	.0227360
#2	.0518077	.2222789	.0382399	10.74990	.0918530	.0263418
#3	.0588686	.2116843	.0382255	10.73787	.0925129	.0246809

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.18817	.1193874	.1414336	10.04182	.0196248	F -.006594
Stddev	.34115	.0065260	.0026888	.09439	.0031996	.000743
%RSD	3.049199	5.466243	1.901081	.9399613	16.30382	11.27504
#1	11.34904	.1262502	.1384015	10.03267	.0228565	-.006259
#2	10.79633	.1186514	.1435277	10.14046	.0195598	-.007446
#3	11.41914	.1132606	.1423716	9.95235	.0164583	-.006077

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165239BS Acquired: 12/02/2024 19:38:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS239 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0204186	.2036408	F .3326297	.0138267	.2164898	F .0062765
Stddev	.0001216	.0126714	.0023871	.0022497	.0006509	.0002369
%RSD	.5955518	6.222410	.7176504	16.27098	.3006408	3.774825
#1	.0205516	.2084473	.3308427	.0115596	.2158303	.0060448
#2	.0203912	.1892694	.3317057	.0138618	.2171316	.0062662
#3	.0203131	.2132057	.3353407	.0160587	.2165075	.0065183

Elem	Sr4077
Units	ppm
Avg	.2238466
Stddev	.0002466
%RSD	.1101690
#1	.2237009
#2	.2237076
#3	.2241313

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	990.4552	29208.80	5662.656	874.6426	1749.526
Stddev	2.7237	542.82	24.280	12.1320	3.771
%RSD	.2749910	1.858426	.4287726	1.387079	.2155476
#1	991.9311	29755.23	5660.376	887.8244	1751.726
#2	992.1225	28669.65	5687.996	863.9449	1751.681
#3	987.3122	29201.53	5639.597	872.1585	1745.172

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165169BS Acquired: 12/02/2024 19:43:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS169 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247985	.0557050	.0224028	.0701449	.1165360	.3897736
Stddev	.0017369	.0061309	.0008509	.0065150	.0017604	.0030888
%RSD	7.004216	11.00604	3.798086	9.287948	1.510633	.7924601
#1	.0236731	.0545585	.0227629	.0732790	.1157084	.3864296
#2	.0267989	.0623283	.0214311	.0626551	.1185577	.3903715
#3	.0239235	.0502283	.0230145	.0745005	.1153418	.3925198

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4414468	.0115342	.0111389	11.35282	.0237249	.1052923
Stddev	.0013482	.0002194	.0000581	.00959	.0007540	.0012466
%RSD	.3054086	1.901873	.5216113	.0844596	3.178215	1.183930
#1	.4428847	.0116140	.0110726	11.35599	.0232788	.1041269
#2	.4402112	.0117024	.0111810	11.34205	.0245955	.1051434
#3	.4412444	.0112861	.0111630	11.36042	.0233005	.1066067

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0572574	.2216688	.0373624	10.65130	.0909398	.0239134
Stddev	.0006469	.0069465	.0007227	.10996	.0012712	.0003640
%RSD	1.129829	3.133712	1.934158	1.032340	1.397793	1.522137
#1	.0573340	.2288470	.0370048	10.75853	.0896891	.0237665
#2	.0578625	.2149800	.0368883	10.65657	.0908998	.0243280
#3	.0565755	.2211793	.0381942	10.53881	.0922305	.0236459

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90226	.1152517	.1386116	9.826325	.0203438	F -.006446
Stddev	.27826	.0066502	.0003859	.104603	.0007689	.000879
%RSD	2.552297	5.770123	.2783989	1.064517	3.779604	13.63242
#1	10.65547	.1222584	.1386004	9.936544	.0211427	-.005467
#2	11.20384	.1144692	.1390030	9.728429	.0196088	-.007167
#3	10.84748	.1090273	.1382314	9.814003	.0202800	-.006703

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: PB165169BS Acquired: 12/02/2024 19:43:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS169 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0208648	.2036441	F .3272224	.0128084	.2162818	F .0057390
Stddev	.0007498	.0047315	.0012357	.0010380	.0018412	.0005148
%RSD	3.593443	2.323418	.3776204	8.103987	.8512891	8.969630
#1	.0216698	.1986599	.3286142	.0122941	.2159728	.0052932
#2	.0207382	.2080741	.3262546	.0140031	.2182580	.0056215
#3	.0201864	.2041985	.3267983	.0121280	.2146147	.0063024

Elem	Sr4077
Units	ppm
Avg	.2207978
Stddev	.0009554
%RSD	.4326889
#1	.2218903
#2	.2201190
#3	.2203841

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	994.4444	29371.20	5700.827	881.8103	1757.420
Stddev	5.7252	56.97	28.942	5.0268	11.520
%RSD	.5757171	.1939555	.5076828	.5700508	.6554916
#1	996.1239	29368.22	5667.488	876.3224	1763.945
#2	999.1420	29315.78	5719.511	882.9171	1764.197
#3	988.0673	29429.60	5715.480	886.1914	1744.119

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV073 Acquired: 12/02/2024 19:47:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.408668	4.961160	24.78972	4.853045	4.661065	396.7876
Stddev	.110957	.081048	.47496	.119902	.104092	4.3635
%RSD	2.051457	1.633660	1.915938	2.470657	2.233229	1.099718
#1	5.505114	5.035236	25.21745	4.944312	4.757624	395.4700
#2	5.433487	4.973653	24.87312	4.897573	4.674773	401.6581
#3	5.287405	4.874590	24.27859	4.717249	4.550798	393.2347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.975039	.4961033	2.622154	402.9302	15.29084	2.492788
Stddev	.180904	.0057322	.051712	4.9008	.12306	.049844
%RSD	1.813571	1.155438	1.972128	1.216300	.8047723	1.999528
#1	10.11815	.4977099	2.668291	403.2279	15.39942	2.534743
#2	10.03526	.5008607	2.631915	407.6754	15.15718	2.505931
#3	9.77170	.4897392	2.566257	397.8873	15.31593	2.437690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.76213	402.6171	14.73170	417.2572	2.471713	1.262406
Stddev	.16529	5.2371	.16522	5.0625	.049670	.009239
%RSD	1.119711	1.300754	1.121557	1.213289	2.009554	.7318194
#1	14.80171	403.6935	14.73941	418.4397	2.517594	1.269577
#2	14.90404	407.2323	14.89293	421.6239	2.478577	1.251981
#3	14.58064	396.9255	14.56275	411.7081	2.418967	1.265659

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.7468	2.484295	14.27130	151.9522	4.864060	F 4.117855
Stddev	4.7834	.026703	.13857	1.9901	.103526	.063832
%RSD	1.199596	1.074875	.9709508	1.309710	2.128393	1.550133
#1	400.4214	2.494693	14.40406	152.0789	4.951330	4.096834
#2	402.4678	2.504235	14.12758	153.8759	4.891176	4.189547
#3	393.3513	2.453957	14.28227	149.9017	4.749675	4.067185

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV073 Acquired: 12/02/2024 19:47:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV073 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.710976	4.960963	F 3.362017	4.986380	4.977685	4.834135
Stddev	.113329	.088577	.045325	.108495	.064824	.055326
%RSD	2.405630	1.785489	1.348149	2.175827	1.302284	1.144487
#1	4.812092	5.029863	3.360038	5.068961	5.001564	4.849759
#2	4.732356	4.991977	3.408298	5.026678	5.027182	4.879968
#3	4.588481	4.861049	3.317713	4.863502	4.904309	4.772676

Elem	Sr4077
Units	ppm
Avg	4.940190
Stddev	.047779
%RSD	.9671433
#1	4.927617
#2	4.992998
#3	4.899956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	815.8334	25784.12	5439.880	670.2565	1322.447
Stddev	17.9266	187.78	59.871	5.6086	23.841
%RSD	2.197333	.7282800	1.100599	.8367781	1.802815
#1	799.7731	25664.80	5448.241	665.5277	1301.622
#2	812.5538	26000.57	5376.267	676.4530	1317.267
#3	835.1734	25686.98	5495.131	668.7887	1348.453

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB073 Acquired: 12/02/2024 19:52:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086687	.0017603	-.001731	.0016634	.0017268	.0453551	-.000733
Stddev	.0036245	.0047812	.000953	.0032519	.0016998	.0054672	.000598
%RSD	41.81187	271.6131	55.06653	195.5044	98.43926	12.05424	81.50740
#1	.0127695	.0012178	-.000802	.0030359	-.000196	.0390920	-.001119
#2	.0073422	-.002727	-.002707	.0040040	.003029	.0491728	-.000045
#3	.0058942	.006790	-.001684	-.002050	.002347	.0478004	-.001036

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000140	-.000084	.0108938	.0011544	-.000039	.0008739	-.002602
Stddev	.0000893	.000093	.0076752	.0006742	.000241	.0015656	.009215
%RSD	638.9103	110.9847	70.45511	58.40224	616.6768	179.1466	354.1905
#1	.0000668	-.000099	.0056283	.0017288	-.000183	.0021529	.004435
#2	.0000643	.000016	.0197003	.0013221	.000239	-.000872	.000793
#3	-.000089	-.000168	.0073528	.0004122	-.000174	.001341	-.013033

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007139	-.027658	.0003658	.0002117	.2562805	-.002269	.0004193
Stddev	.0003688	.038064	.0003512	.0007449	.2681648	.006002	.0001933
%RSD	51.66436	137.6248	96.01186	351.8276	104.6372	264.4984	46.10163
#1	.0007199	-.056917	-.000018	.0008739	.4722051	-.003210	.0004525
#2	.0003421	-.041433	.000671	-.000595	.3405283	-.007746	.0005938
#3	.0010796	.015376	.000444	.000356	-.043892	.004148	.0002115

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.123167	.0012776	-.000106	-.000085	.0002470	.0005940	.0002105
Stddev	.204086	.0009761	.001101	.000350	.0028151	.0002415	.0009167
%RSD	165.6980	76.40462	1039.740	408.9346	1139.681	40.65933	435.3718
#1	.105787	.0008102	-.001261	.000295	-.003000	.0008727	.0003812
#2	-.285976	.0006231	.000933	-.000393	.002002	.0004649	-.000779
#3	-.189314	.0023996	.000010	-.000158	.001739	.0004445	.001030

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB073 Acquired: 12/02/2024 19:52:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB073 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	-.000184	-.011843	.0000591
Stddev	.001099	.002528	.0000367
%RSD	598.9921	21.34907	62.08007
#1	.000638	-.010777	.0000351
#2	.000244	-.010022	.0000408
#3	-.001432	-.014729	.0001013

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	997.2545	29686.49	5633.063	882.6831	1822.916
Stddev	2.2924	349.48	13.522	5.4305	2.776
%RSD	.2298756	1.177242	.2400462	.6152235	.1523016
#1	998.8159	29452.60	5618.082	880.0817	1824.740
#2	994.6226	30088.23	5636.743	888.9249	1819.721
#3	998.3250	29518.63	5644.364	879.0427	1824.287

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-21 Acquired: 12/02/2024 19:56:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1622279	-.003376	8.113078	.0015353	.0091714	63.08539
Stddev	.0020554	.002733	.093882	.0056767	.0018068	.15269
%RSD	1.266968	80.96520	1.157163	369.7569	19.70017	.2420368
#1	.1639835	-.002796	8.143875	.0064352	.0104100	63.26107
#2	.1627332	-.000979	8.007666	-.004685	.0070982	62.98463
#3	.1599670	-.006353	8.187693	.002856	.0100061	63.01048

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.185492	.0050742	.0163605	37.96051	.2054112	.1067059
Stddev	.008978	.0001122	.0001764	.07020	.0002906	.0008207
%RSD	.4107982	2.210742	1.078079	.1849274	.1414937	.7691048
#1	2.195841	.0050827	.0165445	38.02945	.2050914	.1067502
#2	2.180843	.0051819	.0161928	37.96297	.2056592	.1058640
#3	2.179792	.0049581	.0163442	37.88912	.2054831	.1075036

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5948309	162.1199	14.04724	14.84786	.2254370	-.009535
Stddev	.0027546	.0563	.02981	.10504	.0028427	.000263
%RSD	.4630926	.0347364	.2121795	.7074239	1.260951	2.756360
#1	.5979977	162.0668	14.07747	14.76583	.2264100	-.009659
#2	.5935057	162.1790	14.04637	14.81150	.2222356	-.009714
#3	.5929894	162.1140	14.01787	14.96625	.2276654	-.009234

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.324043	.1827940	2.345859	7.721301	F 14.81294	.0363197
Stddev	.077487	.0034636	.014386	.092553	.15277	.0007724
%RSD	5.852305	1.894795	.6132497	1.198668	1.031345	2.126697
#1	1.353641	.1831684	2.361377	7.744903	14.83519	.0368266
#2	1.382368	.1791584	2.332966	7.799767	14.65026	.0354307
#3	1.236119	.1860551	2.343234	7.619232	14.95336	.0367018

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-21 Acquired: 12/02/2024 19:56:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129313	3.563428	6.080490	.3629759	1.339330	.0496474
Stddev	.0003869	.059194	.042471	.0065190	.001969	.0006746
%RSD	2.991994	1.661157	.6984748	1.795982	.1470352	1.358717
#1	.0131846	3.552965	6.126072	.3637347	1.341563	.0490262
#2	.0124859	3.510163	6.073366	.3561107	1.337843	.0503649
#3	.0131232	3.627156	6.042031	.3690822	1.338583	.0495510

Elem	Sr4077
Units	ppm
Avg	.1622765
Stddev	.0002153
%RSD	.1326775
#1	.1625010
#2	.1622567
#3	.1620717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.467	34433.46	6734.786	1009.263	1692.114
Stddev	5.776	60.83	30.779	4.089	14.078
%RSD	.5016491	.1766681	.4570131	.4051175	.8319958
#1	1149.198	34446.05	6705.436	1004.647	1684.329
#2	1158.033	34487.02	6732.104	1012.430	1708.365
#3	1147.169	34367.32	6766.818	1010.711	1683.647

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-20LX5 Acquired: 12/02/2024 20:01:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0300672	.0007562	1.664010	.0012860	.0016282	15.35287	.5266577
Stddev	.0034867	.0024559	.055665	.0063072	.0014090	.20167	.0083010
%RSD	11.59641	324.7883	3.345244	490.4452	86.53735	1.313573	1.576163
#1	.0339046	.0001636	1.720221	.0052743	.0024268	15.48568	.5311775
#2	.0292036	-.001349	1.662902	.0045693	.0024566	15.45213	.5317180
#3	.0270935	.003454	1.608907	-.005986	.0000013	15.12081	.5170777

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014915	.0028892	9.265244	.0494765	.0211916	.1443544	39.61585
Stddev	.0001117	.0000560	.147964	.0013093	.0006794	.0031233	.53053
%RSD	7.486870	1.939641	1.596975	2.646313	3.206143	2.163625	1.339183
#1	.0015912	.0028254	9.335173	.0500373	.0216492	.1474838	40.02513
#2	.0013708	.0029120	9.365281	.0504120	.0215146	.1443420	39.80596
#3	.0015123	.0029303	9.095277	.0479802	.0204109	.1412373	39.01646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.476873	3.573607	.0461663	-.002180	.6834793	.0459793	.5732935
Stddev	.052596	.054360	.0013992	.000500	.2888943	.0019337	.0092490
%RSD	1.512740	1.521150	3.030814	22.93374	42.26819	4.205569	1.613301
#1	3.503892	3.621806	.0477531	-.002089	.4828920	.0473831	.5817987
#2	3.510469	3.584332	.0451094	-.001731	.5529408	.0437737	.5746346
#3	3.416260	3.514684	.0456365	-.002719	1.014605	.0467812	.5634473

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.684737	2.967957	.0065059	.0027753	.7149422	1.545638	.0719611
Stddev	.106951	.084938	.0013503	.0008371	.0256076	.024637	.0036703
%RSD	6.348236	2.861824	20.75466	30.16375	3.581778	1.593964	5.100448
#1	1.788900	3.049048	.0053009	.0036846	.7398078	1.568538	.0760979
#2	1.690111	2.975187	.0062515	.0020365	.7163669	1.548805	.0706906
#3	1.575201	2.879635	.0079653	.0026048	.6886520	1.519571	.0690949

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-20LX5 Acquired: 12/02/2024 20:01:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3261334	-.003291	.0394178
Stddev	.0072861	.001647	.0006378
%RSD	2.234100	50.04382	1.618028
#1	.3320386	-.001626	.0398699
#2	.3283706	-.004920	.0396953
#3	.3179909	-.003327	.0386883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1042.671	30952.29	5960.050	921.5832	1783.731
Stddev	1.444	346.58	48.714	11.7198	5.660
%RSD	.1384853	1.119727	.8173351	1.271707	.3173249
#1	1043.710	30725.37	5932.047	914.0002	1778.846
#2	1043.281	30780.27	5931.804	915.6675	1782.413
#3	1041.023	31351.23	6016.300	935.0818	1789.934

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-22 Acquired: 12/02/2024 20:05:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2902521	.1690497	7.917450	.2934867	.2967192	68.18811
Stddev	.0052508	.0054733	.033923	.0137106	.0058036	1.34301
%RSD	1.809051	3.237689	.4284570	4.671627	1.955905	1.969573
#1	.2939272	.1627965	7.937613	.3014315	.2949222	67.21061
#2	.2842383	.1713825	7.878285	.2776551	.2920268	67.63425
#3	.2925907	.1729701	7.936451	.3013735	.3032088	69.71948

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.898882	.1691124	.2055919	36.74989	.9330075	2.025949
Stddev	.170284	.0026898	.0006576	.69500	.0060863	.008762
%RSD	1.913541	1.590565	.3198454	1.891169	.6523326	.4324982
#1	8.834347	.1673291	.2055606	36.36671	.9331771	2.028000
#2	8.770299	.1678017	.2049505	36.33082	.9390072	2.016344
#3	9.092001	.1722063	.2062645	37.55214	.9268381	2.033504

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.362054	159.4671	15.20625	14.38863	2.150929	.1488427
Stddev	.031434	3.0864	.30775	.26563	.008178	.0018413
%RSD	2.307805	1.935426	2.023872	1.846093	.3801996	1.237092
#1	1.341890	157.3652	15.03638	14.16441	2.155055	.1494936
#2	1.346000	158.0256	15.02087	14.31949	2.141510	.1502702
#3	1.398273	163.0104	15.56150	14.68199	2.156221	.1467644

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.439739	1.961480	3.698847	7.463840	F 14.31320	.0338986
Stddev	.187406	.037048	.006648	.190365	.05979	.0024196
%RSD	13.01665	1.888770	.1797278	2.550499	.4177408	7.137777
#1	1.648260	1.926358	3.695714	7.256556	14.34899	.0326516
#2	1.285376	1.957889	3.706483	7.504126	14.24418	.0323568
#3	1.385580	2.000192	3.694345	7.630837	14.34644	.0366873

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-22 Acquired: 12/02/2024 20:05:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0119357	3.524142	6.302083	.3497348	1.325156	.0458988
Stddev	.0005050	.009901	.081777	.0015775	.026812	.0020596
%RSD	4.231103	.2809390	1.297626	.4510598	2.023307	4.487229
#1	.0117906	3.514822	6.256507	.3510959	1.306625	.0440526
#2	.0115192	3.523068	6.253249	.3480059	1.312942	.0455236
#3	.0124974	3.534536	6.396492	.3501025	1.355900	.0481202

Elem	Sr4077
Units	ppm
Avg	.1571127
Stddev	.0029248
%RSD	1.861609
#1	.1551664
#2	.1556955
#3	.1604761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1140.825	34357.26	6750.146	1001.213	1684.499
Stddev	4.795	154.10	96.326	.568	5.380
%RSD	.4203073	.4485151	1.427024	.0567201	.3193799
#1	1141.831	34299.33	6804.212	1000.924	1683.914
#2	1145.038	34240.53	6807.293	1000.848	1690.148
#3	1135.607	34531.93	6638.932	1001.868	1679.436

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-04 Acquired: 12/02/2024 20:10:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1285670	-.008908	5.728064	-.014104	.0090771	68.79102
Stddev	.0085388	.000998	.056729	.003270	.0062477	2.25251
%RSD	6.641505	11.20701	.9903693	23.18289	68.82888	3.274420
#1	.1240940	-.009588	5.767273	-.010470	.0018814	71.39196
#2	.1231940	-.009375	5.663015	-.015035	.0131220	67.50028
#3	.1384131	-.007762	5.753903	-.016807	.0122278	67.48081

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.922010	.0049289	.0264034	174.1565	.1850624	.0929107
Stddev	.090930	.0001290	.0003302	5.4605	.0012391	.0012691
%RSD	3.111887	2.617411	1.250433	3.135382	.6695537	1.365949
#1	3.027004	.0049532	.0265307	180.4563	.1836699	.0941846
#2	2.870096	.0050440	.0260286	171.2339	.1860432	.0916464
#3	2.868929	.0047895	.0266510	170.7794	.1854741	.0929012

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6170452	211.9697	12.19088	35.26707	.1999651	-.014440
Stddev	.0191727	6.7895	.38587	1.06310	.0020746	.000773
%RSD	3.107184	3.203034	3.165233	3.014420	1.037455	5.349923
#1	.6391174	219.8070	12.63629	36.49438	.2017737	-.015320
#2	.6074949	207.8803	11.97826	34.63201	.1977005	-.014129
#3	.6045234	208.2218	11.95808	34.67482	.2004212	-.013872

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.173157	.1942330	3.393068	7.798688	F 15.30261	.0511042
Stddev	.097496	.0046106	.012353	.316303	.15955	.0062594
%RSD	4.486393	2.373744	.3640607	4.055853	1.042657	12.24837
#1	2.237695	.1988445	3.379777	8.158745	15.44399	.0533132
#2	2.220774	.1942313	3.395229	7.671733	15.12962	.0559596
#3	2.061003	.1896233	3.404198	7.565585	15.33422	.0440398

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-04 Acquired: 12/02/2024 20:10:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053782	3.358757	6.201694	.2780170	1.491792	.0718323
Stddev	.0007299	.027245	.162665	.0053782	.045673	.0033035
%RSD	13.57179	.8111711	2.622908	1.934484	3.061633	4.598956
#1	.0046888	3.378000	6.389513	.2811252	1.544515	.0755852
#2	.0061429	3.327581	6.106038	.2718068	1.464287	.0705477
#3	.0053030	3.370689	6.109532	.2811191	1.466576	.0693641

Elem	Sr4077
Units	ppm
Avg	.4383770
Stddev	.0143655
%RSD	3.276975
#1	.4549646
#2	.4300015
#3	.4301649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.899	33525.11	6578.793	985.8364	1596.977
Stddev	7.049	70.80	169.093	3.2163	13.230
%RSD	.6305673	.2111915	2.570275	.3262497	.8284335
#1	1112.199	33501.41	6384.239	989.1554	1585.640
#2	1125.781	33469.21	6661.783	982.7337	1611.514
#3	1115.717	33604.73	6690.356	985.6201	1593.778

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-05 Acquired: 12/02/2024 20:14:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274656	-.010817	5.772407	-.015726	.0072573	65.83040
Stddev	.0047285	.001587	.047644	.002901	.0009115	.82299
%RSD	3.709591	14.67258	.8253776	18.44383	12.55988	1.250168
#1	.1249139	-.009263	5.737667	-.013079	.0078496	64.91907
#2	.1245612	-.012436	5.752833	-.015273	.0062077	66.05280
#3	.1329218	-.010752	5.826720	-.018827	.0077146	66.51934

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.799273	.0049025	.0270064	167.5942	.1813938	.0929122
Stddev	.033280	.0001352	.0002142	1.7143	.0015896	.0017551
%RSD	1.188883	2.757669	.7930217	1.022900	.8763090	1.889000
#1	2.762054	.0048028	.0269172	165.6986	.1801001	.0911646
#2	2.809600	.0048482	.0268512	168.0483	.1809129	.0928972
#3	2.826166	.0050564	.0272507	169.0358	.1831682	.0946748

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5883362	203.1120	11.74070	33.80172	.2008294	-.013152
Stddev	.0103067	2.3952	.10752	.44565	.0017458	.000344
%RSD	1.751836	1.179260	.9157502	1.318429	.8692940	2.612372
#1	.5787595	200.4908	11.62009	33.33792	.1997515	-.013519
#2	.5870055	203.6585	11.77552	33.84056	.1998932	-.013098
#3	.5992436	205.1868	11.82650	34.22668	.2028436	-.012838

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962810	.1877419	3.373737	7.218514	F 15.41805	.0482869
Stddev	.313042	.0025653	.037222	.197318	.11757	.0007090
%RSD	15.94866	1.366411	1.103275	2.733496	.7625727	1.468372
#1	1.622538	.1850880	3.357520	7.038926	15.38799	.0474783
#2	2.238569	.1879294	3.347376	7.186877	15.31842	.0485798
#3	2.027321	.1902083	3.416316	7.429739	15.54773	.0488025

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-05 Acquired: 12/02/2024 20:14:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052160	3.376825	5.984959	.2758817	1.431474	.0652557
Stddev	.0001838	.037083	.069285	.0036966	.019351	.0011667
%RSD	3.524320	1.098158	1.157660	1.339928	1.351826	1.787808
#1	.0053987	3.334672	5.907351	.2763806	1.410461	.0639959
#2	.0050311	3.391383	6.006937	.2719609	1.435400	.0662987
#3	.0052183	3.404420	6.040591	.2793035	1.448561	.0654726

Elem	Sr4077
Units	ppm
Avg	.4197382
Stddev	.0048150
%RSD	1.147145
#1	.4145251
#2	.4206709
#3	.4240187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1110.339	33372.74	6777.492	986.0555	1585.771
Stddev	3.590	260.74	69.107	6.9004	10.246
%RSD	.3233197	.7812947	1.019659	.6997956	.6461337
#1	1107.961	33562.31	6857.235	988.7000	1592.152
#2	1114.469	33480.51	6740.176	991.2425	1591.208
#3	1108.589	33075.39	6735.064	978.2240	1573.952

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-04LX5 Acquired: 12/02/2024 20:18:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0349018	.0006350	1.207942	.0000805	.0014874	15.55496	.6569110
Stddev	.0054696	.0030828	.003465	.0012954	.0026439	.03278	.0008437
%RSD	15.67129	485.5294	.2868320	1609.299	177.7530	.2107329	.1284373
#1	.0354539	-.000586	1.208148	.0015375	-.001135	15.54915	.6560316
#2	.0400744	-.001650	1.211300	-.000355	.001445	15.52547	.6569875
#3	.0291772	.004141	1.204379	-.000941	.004152	15.59025	.6577138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013434	.0049560	39.99152	.0430014	.0182140	.1394299	49.25507
Stddev	.0000694	.0001436	.09461	.0006597	.0003487	.0024928	.20023
%RSD	5.167917	2.898149	.2365876	1.534175	1.914615	1.787836	.4065115
#1	.0013204	.0049038	39.88303	.0430904	.0183030	.1384157	49.39123
#2	.0014214	.0048458	40.05695	.0436121	.0178294	.1422699	49.02517
#3	.0012884	.0051184	40.03456	.0423017	.0185097	.1376041	49.34883

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.842121	8.150068	.0420265	-.001388	.4098684	.0419478	.8145110
Stddev	.004556	.010769	.0005916	.000844	.2574696	.0026174	.0024395
%RSD	.1602906	.1321294	1.407784	60.83172	62.81764	6.239760	.2995100
#1	2.840718	8.161167	.0427085	-.001940	.2608677	.0398193	.8121039
#2	2.847213	8.149375	.0416508	-.000416	.2615691	.0411538	.8169817
#3	2.838432	8.139663	.0417202	-.001806	.7071685	.0448704	.8144474

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.383192	3.129352	.0052437	.0003365	.6811190	1.490795	.0557425
Stddev	.062141	.010132	.0019471	.0002558	.0081827	.002321	.0017103
%RSD	4.492610	.3237625	37.13339	76.01047	1.201366	.1557184	3.068125
#1	1.452094	3.132694	.0048707	.0002321	.6902092	1.488609	.0537749
#2	1.331393	3.137390	.0035100	.0001495	.6788066	1.490544	.0568717
#3	1.366088	3.117971	.0073503	.0006280	.6743414	1.493232	.0565810

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-04LX5 Acquired: 12/02/2024 20:18:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3412137	-.002154	.0996719
Stddev	.0010103	.000577	.0000787
%RSD	.2960804	26.78654	.0789838
#1	.3405060	-.002797	.0997523
#2	.3407644	-.001681	.0995950
#3	.3423706	-.001984	.0996685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.062	30475.14	5897.037	913.2130	1739.859
Stddev	4.497	189.54	11.181	4.0816	9.042
%RSD	.4352990	.6219498	.1896119	.4469481	.5197089
#1	1029.728	30570.27	5902.067	915.5689	1735.873
#2	1031.280	30256.87	5904.820	908.5000	1733.494
#3	1038.176	30598.26	5884.224	915.5702	1750.209

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-06 Acquired: 12/02/2024 20:23:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2023183	.0838450	5.707644	.1337661	.1643850	70.19762
Stddev	.0136169	.0022091	.005554	.0016443	.0040728	.04232
%RSD	6.730449	2.634723	.0972996	1.229221	2.477566	.0602869
#1	.1926207	.0856467	5.701647	.1333239	.1649700	70.19774
#2	.1964486	.0845079	5.712609	.1323880	.1681337	70.23989
#3	.2178857	.0813803	5.708676	.1355862	.1600515	70.15524

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.446444	.0925175	.1258003	169.0614	.5644783	1.096744
Stddev	.012427	.0004876	.0005239	.4635	.0130089	.002692
%RSD	.1927675	.5269892	.4164611	.2741902	2.304591	.2454508
#1	6.436379	.0924291	.1251978	168.5634	.5573247	1.094115
#2	6.460333	.0930432	.1260542	169.4803	.5794941	1.096621
#3	6.442619	.0920802	.1261488	169.1404	.5566160	1.099495

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.009215	207.6334	12.73021	34.29030	1.205855	.0726481
Stddev	.004250	.0477	.04655	.09594	.002703	.0031836
%RSD	.4211468	.0229865	.3656830	.2797801	.2241595	4.382250
#1	1.006375	207.6187	12.68140	34.23836	1.203372	.0707885
#2	1.007169	207.6868	12.77411	34.40101	1.205459	.0763241
#3	1.014102	207.5948	12.73511	34.23154	1.208734	.0708316

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.931901	1.130077	4.123115	7.499431	F 15.21865	.0468086
Stddev	.217777	.004567	.110589	.097472	.05373	.0034991
%RSD	11.27266	.4041516	2.682161	1.299720	.3530826	7.475344
#1	1.900164	1.135249	4.082094	7.525411	15.15971	.0467072
#2	1.731734	1.128384	4.248353	7.581281	15.26490	.0433613
#3	2.163805	1.126597	4.038898	7.391602	15.23134	.0503574

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-06 Acquired: 12/02/2024 20:23:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051734	3.363082	6.093271	.2716710	1.449407	.0675770
Stddev	.0003884	.017565	.038168	.0021837	.003318	.0010398
%RSD	7.508551	.5222980	.6263996	.8038149	.2288881	1.538639
#1	.0050051	3.364366	6.087582	.2716055	1.452623	.0665077
#2	.0048975	3.344910	6.133965	.2738867	1.449601	.0676387
#3	.0056176	3.379970	6.058267	.2695207	1.445996	.0685845

Elem	Sr4077
Units	ppm
Avg	.4242899
Stddev	.0008385
%RSD	.1976147
#1	.4233376
#2	.4249174
#3	.4246147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1109.512	32986.10	6607.747	970.2183	1594.310
Stddev	.906	652.94	27.552	23.0618	2.410
%RSD	.0816547	1.979432	.4169641	2.376972	.1511315
#1	1109.780	33385.38	6606.307	979.1542	1596.863
#2	1108.502	32232.60	6580.942	944.0258	1593.992
#3	1110.253	33340.32	6635.990	987.4751	1592.076

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-03 Acquired: 12/02/2024 20:31:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1261631	-.010689	4.011017	-.007821	.0089134	60.11122	1.666212
Stddev	.0111980	.002108	.006796	.013264	.0037520	.09316	.006716
%RSD	8.875782	19.72583	.1694255	169.5941	42.09415	.1549821	.4030429
#1	.1287876	-.012867	4.018825	-.022634	.0046068	60.06789	1.658493
#2	.1358158	-.010540	4.007784	-.003788	.0106574	60.04762	1.670718
#3	.1138860	-.008658	4.006441	.002958	.0114759	60.21816	1.669423

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046514	.0268561	252.4806	.1460176	.0911580	.7875729	170.3543
Stddev	.0000511	.0002322	.7642	.0040701	.0000889	.0060473	.1786
%RSD	1.099276	.8645089	.3026684	2.787397	.0975534	.7678371	.1048365
#1	.0045924	.0267343	251.6055	.1413257	.0912175	.7845287	170.5594
#2	.0046827	.0271238	252.8202	.1485980	.0910558	.7945374	170.2698
#3	.0046790	.0267101	253.0161	.1481291	.0912008	.7836527	170.2336

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.82212	71.71519	.1883888	-.009439	1.696678	.1792067	2.600048
Stddev	.04430	.16865	.0018354	.001509	.149689	.0019936	.065223
%RSD	.3747300	.2351709	.9742767	15.98701	8.822463	1.112457	2.508523
#1	11.77145	71.80250	.1898424	-.011162	1.584010	.1803031	2.524987
#2	11.85352	71.52079	.1889977	-.008354	1.866530	.1804115	2.632254
#3	11.84140	71.82230	.1863263	-.008800	1.639495	.1769056	2.642904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.827585	9.839923	.0465595	.0040331	2.133154	5.609123	.1941595
Stddev	.079143	.038153	.0004487	.0007225	.010255	.013500	.0009605
%RSD	1.011083	.3877390	.9636559	17.91496	.4807484	.2406728	.4946880
#1	7.774224	9.878037	.0462280	.0044204	2.139958	5.595792	.1930528
#2	7.918516	9.840002	.0463805	.0031995	2.138146	5.608792	.1947759
#3	7.790015	9.801731	.0470701	.0044794	2.121359	5.622786	.1946498

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-03 Acquired: 12/02/2024 20:31:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.094415	.0602243	.3726839
Stddev	.003241	.0005519	.0009831
%RSD	.2961167	.9163381	.2637855
#1	1.096269	.0600917	.3715896
#2	1.096304	.0608303	.3729696
#3	1.090673	.0597508	.3734924

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1091.075	32926.43	6544.687	964.8203	1551.642
Stddev	2.024	619.40	14.741	21.9900	1.935
%RSD	.1854712	1.881151	.2252335	2.279181	.1247092
#1	1090.669	33628.93	6532.698	990.0010	1551.272
#2	1089.286	32458.92	6561.145	955.0598	1549.919
#3	1093.271	32691.43	6540.218	949.4000	1553.736

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-02 Acquired: 12/02/2024 20:36:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1216278	-.008186	3.870182	-.006547	.0067237	62.92738	1.629972
Stddev	.0047066	.003827	.020006	.004224	.0027074	.12585	.003897
%RSD	3.869685	46.74811	.5169168	64.50800	40.26620	.1999907	.2390536
#1	.1162446	-.004724	3.883374	-.001934	.0088206	62.78308	1.626238
#2	.1236728	-.007539	3.847163	-.010223	.0036672	63.01443	1.629667
#3	.1249661	-.012294	3.880008	-.007485	.0076832	62.98462	1.634013

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045372	.0260195	245.0130	.1468106	.0897723	.7690294	167.3002
Stddev	.0001291	.0002610	.9882	.0054259	.0011328	.0009961	.3203
%RSD	2.845023	1.002953	.4033209	3.695818	1.261869	.1295312	.1914613
#1	.0044574	.0257262	243.9188	.1437368	.0910737	.7680653	166.9311
#2	.0046861	.0262260	245.2799	.1530755	.0890068	.7700548	167.5048
#3	.0044681	.0261065	245.8403	.1436195	.0892366	.7689683	167.4647

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.47331	70.61732	.1858126	-.009624	1.754622	.1834592	2.524072
Stddev	.03520	.25606	.0017411	.001265	.341377	.0059830	.055393
%RSD	.3068159	.3625956	.9370343	13.14027	19.45587	3.261194	2.194578
#1	11.44070	70.33251	.1861634	-.010222	1.375605	.1772882	2.480042
#2	11.46861	70.82848	.1839228	-.008171	2.037927	.1838551	2.586266
#3	11.51063	70.69096	.1873516	-.010479	1.850334	.1892344	2.505907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.494644	9.455791	.0505149	.0044135	2.068024	6.910381	.1905327
Stddev	.090007	.065381	.0013169	.0002739	.018955	.100898	.0023001
%RSD	1.059578	.6914378	2.606875	6.206504	.9165737	1.460093	1.207185
#1	8.390716	9.529348	.0512898	.0042880	2.065901	6.803835	.1892589
#2	8.545953	9.404291	.0489945	.0047277	2.050220	6.922835	.1931878
#3	8.547264	9.433735	.0512605	.0042248	2.087951	7.004475	.1891512

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-02 Acquired: 12/02/2024 20:36:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.135544	.0624671	.3683958
Stddev	.007843	.0004090	.0008505
%RSD	.6906975	.6546888	.2308672
#1	1.137997	.0625393	.3677827
#2	1.126767	.0628351	.3680380
#3	1.141867	.0620268	.3693668

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1093.780	33080.28	6568.333	972.7747	1559.718
Stddev	4.135	610.11	40.975	16.3801	7.192
%RSD	.3780183	1.844339	.6238324	1.683857	.4610861
#1	1090.595	33419.69	6613.376	984.0664	1556.210
#2	1098.453	32375.94	6558.354	953.9880	1567.991
#3	1092.293	33445.22	6533.268	980.2697	1554.954

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-02LX5 Acquired: 12/02/2024 20:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293250	-.001415	.8161455	.0013821	.0019030	13.50182	.3734150
Stddev	.0081439	.005926	.0008436	.0078841	.0015423	.24675	.0057853
%RSD	27.77110	418.7178	.1033646	570.4447	81.04736	1.827510	1.549304
#1	.0269210	-.006526	.8152531	-.005738	.0036777	13.77874	.3797597
#2	.0384003	-.002801	.8169299	.000029	.0011441	13.42141	.3720532
#3	.0226538	.005081	.8162535	.009855	.0008871	13.30531	.3684320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011714	.0048309	57.44326	.0346336	.0173632	.1806190	39.50707
Stddev	.0000822	.0001543	.98201	.0009452	.0001385	.0015438	.80565
%RSD	7.022176	3.194123	1.709522	2.729063	.7976193	.8547445	2.039256
#1	.0012121	.0048666	58.54974	.0341082	.0174129	.1823561	40.43699
#2	.0010767	.0046619	57.10478	.0340678	.0172067	.1800974	39.06496
#3	.0012253	.0049643	56.67527	.0357247	.0174700	.1794035	39.01928

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.749484	16.32080	.0384694	-.000580	.5861741	.0384531	.6051092
Stddev	.046773	.25201	.0002655	.000612	.5204616	.0051283	.0044835
%RSD	1.701161	1.544089	.6902892	105.6246	88.78959	13.33649	.7409383
#1	2.802088	16.61172	.0385879	-.001286	.1944503	.0436510	.6033303
#2	2.733779	16.18092	.0386550	-.000204	.3873278	.0333974	.6017881
#3	2.712584	16.16975	.0381652	-.000249	1.176744	.0383111	.6102091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.354018	1.918169	.0065843	-.000070	.4310743	1.322047	.0373194
Stddev	.184972	.007301	.0021064	.000107	.0096385	.021169	.0026872
%RSD	13.66099	.3806454	31.99164	152.2946	2.235923	1.601228	7.200562
#1	1.547859	1.913820	.0049826	.000031	.4228367	1.346078	.0347747
#2	1.179419	1.926598	.0089704	-.000060	.4287118	1.313903	.0370541
#3	1.334776	1.914088	.0057999	-.000182	.4416744	1.306159	.0401294

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-02LX5 Acquired: 12/02/2024 20:40:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.2509365	-.004965	.0846491
Stddev	.0061926	.001162	.0015207
%RSD	2.467782	23.39435	1.796437
#1	.2579634	-.004010	.0863927
#2	.2485702	-.004627	.0839571
#3	.2462761	-.006258	.0835976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1036.085	30624.29	5945.826	915.1757	1738.458
Stddev	2.751	95.20	80.977	5.8403	2.416
%RSD	.2655349	.3108546	1.361911	.6381625	.1389913
#1	1037.786	30732.65	5853.306	919.8302	1737.417
#2	1032.911	30586.10	5980.370	917.0748	1736.736
#3	1037.557	30554.11	6003.802	908.6222	1741.220

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-04 Acquired: 12/02/2024 20:45:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2080230	.0856094	3.980842	.1460622	.1681551	62.99654	5.347838
Stddev	.0076420	.0028305	.020639	.0074319	.0025685	.16877	.010234
%RSD	3.673623	3.306235	.5184696	5.088152	1.527456	.2678964	.1913613
#1	.1992037	.0835965	3.997094	.1521329	.1683694	62.99376	5.351300
#2	.2121786	.0843860	3.957620	.1482796	.1706097	63.16668	5.355892
#3	.2126868	.0888458	3.987810	.1377740	.1654861	62.82918	5.336322

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0944434	.1278070	249.6416	.5325636	1.113582	1.209251	170.8827
Stddev	.0001466	.0003556	.4077	.0031533	.004754	.002953	.5122
%RSD	.1551996	.2782630	.1632988	.5920900	.4269156	.2442386	.2997475
#1	.0942743	.1276340	249.8565	.5361989	1.116363	1.208182	170.8211
#2	.0945346	.1275709	249.8968	.5309221	1.108093	1.212590	171.4230
#3	.0945212	.1282160	249.1714	.5305697	1.116290	1.206980	170.4042

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.58307	71.35042	1.205301	.0786882	1.779351	1.126018	3.319995
Stddev	.02307	.32684	.003773	.0004656	.280444	.006700	.009336
%RSD	.1833373	.4580715	.3130657	.5916413	15.76101	.5950606	.2811997
#1	12.60741	71.20080	1.207589	.0792143	1.631478	1.132831	3.321224
#2	12.56152	71.72529	1.200946	.0785208	1.603791	1.125786	3.328656
#3	12.58028	71.12518	1.207369	.0783295	2.102785	1.119436	3.310106

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.847949	9.681472	.0489784	.0038166	2.118186	5.519297	.1931782
Stddev	.126340	.037280	.0011720	.0003838	.016871	.009632	.0011013
%RSD	1.609846	.3850691	2.392981	10.05690	.7964631	.1745198	.5700728
#1	7.727346	9.710069	.0498871	.0042517	2.128557	5.508252	.1920650
#2	7.979335	9.639308	.0493926	.0035259	2.098719	5.525953	.1932026
#3	7.837166	9.695040	.0476555	.0036723	2.127280	5.523687	.1942671

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-04 Acquired: 12/02/2024 20:45:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.090194	.0578221	.3702282
Stddev	.004245	.0002555	.0004904
%RSD	.3893481	.4417977	.1324476
#1	1.090205	.0581129	.3705120
#2	1.094433	.0577195	.3705107
#3	1.085944	.0576338	.3696620

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1089.420	32668.83	6548.505	958.4688	1557.488
Stddev	3.827	101.73	11.799	3.1552	5.887
%RSD	.3513040	.3113942	.1801789	.3291931	.3779550
#1	1085.855	32557.48	6534.994	955.5533	1553.401
#2	1093.464	32692.10	6556.784	958.0343	1564.235
#3	1088.939	32756.90	6553.736	961.8187	1554.828

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-11 Acquired: 12/02/2024 20:49:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4573533	-.007677	5.738625	-.002140	.0075113	67.83403
Stddev	.0123675	.002648	.052756	.004734	.0017395	3.15455
%RSD	2.704151	34.48694	.9193187	221.2637	23.15765	4.650392
#1	.4534955	-.006955	5.737012	-.000595	.0055036	71.10619
#2	.4473744	-.010611	5.686694	.001629	.0084665	64.81199
#3	.4711899	-.005466	5.792169	-.007454	.0085639	67.58391

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.011912	.0042688	.0135640	83.30333	.1978314	.0925324
Stddev	.090930	.0003551	.0003477	3.71519	.0098259	.0013512
%RSD	4.519565	8.319472	2.563173	4.459831	4.966796	1.460280
#1	2.108497	.0046765	.0131649	87.15874	.2091722	.0915847
#2	1.927959	.0041028	.0137254	79.74637	.1924553	.0919329
#3	1.999281	.0040270	.0138016	83.00486	.1918665	.0940797

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977801	159.6028	6.949970	33.98091	.1806473	-.009651
Stddev	.0226034	7.3327	.307029	1.48614	.0033557	.002159
%RSD	4.540844	4.594319	4.417698	4.373445	1.857612	22.36702
#1	.5209529	167.1151	7.274988	35.46323	.1799550	-.007192
#2	.4757927	152.4641	6.664827	32.49098	.1776918	-.010524
#3	.4965947	159.2292	6.910095	33.98851	.1842952	-.011236

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.457790	.2149375	3.281138	7.597108	F 10.61821	.0421306
Stddev	.473401	.0112527	.162515	.552037	.10943	.0057300
%RSD	19.26124	5.235343	4.953012	7.266407	1.030550	13.60061
#1	2.453386	.2269158	3.468654	8.187582	10.63970	.0430791
#2	2.933377	.2045878	3.193666	7.093906	10.49964	.0359856
#3	1.986606	.2133090	3.181094	7.509837	10.71530	.0473273

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-11 Acquired: 12/02/2024 20:49:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073183	6.126622	7.072501	.1037670	2.833956	.0505036
Stddev	.0004884	.078864	.289447	.0041728	.138774	.0027669
%RSD	6.673066	1.287240	4.092563	4.021366	4.896834	5.478629
#1	.0078792	6.124693	7.391357	.1074612	2.976952	.0533170
#2	.0070880	6.048740	6.826311	.0992409	2.699830	.0477856
#3	.0069876	6.206433	6.999834	.1045989	2.825087	.0504081

Elem	Sr4077
Units	ppm
Avg	.2743442
Stddev	.0126939
%RSD	4.627001
#1	.2878031
#2	.2625869
#3	.2726424

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1080.784	31505.59	6452.308	928.8301	1673.504
Stddev	5.163	1249.58	214.258	34.7815	13.497
%RSD	.4776831	3.966208	3.320635	3.744655	.8065347
#1	1079.528	30062.70	6226.545	888.6890	1673.964
#2	1086.458	32225.40	6652.823	947.7712	1686.765
#3	1076.364	32228.67	6477.556	950.0299	1659.782

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-12 Acquired: 12/02/2024 20:53:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5000631	-.009302	6.029925	-.012556	.0089770	71.13913
Stddev	.0064510	.001851	.009615	.003042	.0005136	.12865
%RSD	1.290048	19.90222	.1594496	24.23087	5.721487	.1808439
#1	.5042960	-.007537	6.020677	-.009353	.0094669	71.17048
#2	.4926384	-.011229	6.029229	-.012907	.0090215	70.99770
#3	.5032550	-.009140	6.039869	-.015408	.0084426	71.24920

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.222849	.0044274	.0152799	84.76155	.2094757	.0919496
Stddev	.002047	.0002118	.0000313	.03643	.0032188	.0007514
%RSD	.0920880	4.784115	.2047841	.0429833	1.536586	.8172411
#1	2.222454	.0041971	.0153015	84.79317	.2064590	.0917885
#2	2.221028	.0046138	.0152440	84.72171	.2091039	.0912918
#3	2.225065	.0044713	.0152941	84.76976	.2128643	.0927686

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5603935	181.4040	7.555198	35.89186	.1909966	-.012560
Stddev	.0021837	.4170	.005845	.06560	.0008937	.001054
%RSD	.3896756	.2298549	.0773656	.1827736	.4679114	8.392619
#1	.5586332	181.7317	7.555755	35.95564	.1902891	-.013729
#2	.5628372	180.9347	7.560744	35.82458	.1906998	-.012267
#3	.5597103	181.5457	7.549094	35.89534	.1920010	-.011683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.335086	.2166006	3.444444	8.372225	F 11.42170	.0496912
Stddev	.137970	.0053464	.047060	.157934	.04417	.0013959
%RSD	5.908565	2.468325	1.366246	1.886409	.3867092	2.809071
#1	2.390023	.2144036	3.390697	8.191616	11.40312	.0509611
#2	2.437125	.2226955	3.464384	8.484405	11.38986	.0481966
#3	2.178110	.2127027	3.478251	8.440655	11.47212	.0499159

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-12 Acquired: 12/02/2024 20:53:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079557	6.027631	7.632029	.1075069	3.154329	.0570296
Stddev	.0005978	.014750	.033652	.0033577	.012031	.0014227
%RSD	7.514468	.2447104	.4409322	3.123252	.3814209	2.494656
#1	.0086456	6.011359	7.669381	.1091536	3.151612	.0577334
#2	.0076306	6.031408	7.604075	.1036437	3.143888	.0579631
#3	.0075909	6.040125	7.622631	.1097234	3.167486	.0553922

Elem	Sr4077
Units	ppm
Avg	.2799518
Stddev	.0001448
%RSD	.0517123
#1	.2800965
#2	.2799519
#3	.2798070

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1079.887	32136.85	6332.638	949.5952	1656.464
Stddev	4.204	371.85	22.727	14.6157	2.152
%RSD	.3893273	1.157072	.3588882	1.539154	.1299417
#1	1077.359	32519.84	6307.314	966.4518	1655.272
#2	1084.740	32113.46	6339.339	941.8814	1658.948
#3	1077.562	31777.25	6351.262	940.4525	1655.170

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-11LX5 Acquired: 12/02/2024 20:58:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033392	.0039721	1.257202	-.004494	.0050895	14.76027	.4684694
Stddev	.0034647	.0014411	.003410	.009414	.0010443	.09088	.0012605
%RSD	3.352770	36.28098	.2712207	209.4579	20.51859	.6156995	.2690568
#1	.1056531	.0037393	1.260802	-.006499	.0062694	14.67214	.4699080
#2	.0993558	.0055155	1.256782	.005760	.0042842	14.85366	.4679411
#3	.1050088	.0026616	1.254021	-.012744	.0047147	14.75502	.4675591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010014	.0026291	19.44100	.0443820	.0181018	.1185195	37.13005
Stddev	.0001650	.0001619	.02919	.0008528	.0004572	.0040747	.20573
%RSD	16.47207	6.159047	.1501220	1.921447	2.525560	3.438036	.5540873
#1	.0011896	.0026785	19.45048	.0448543	.0176959	.1155210	36.91521
#2	.0008818	.0027606	19.46427	.0433975	.0180124	.1231589	37.32526
#3	.0009329	.0024482	19.40826	.0448940	.0185971	.1168787	37.14968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.653980	7.731428	.0376638	-.001732	.5571427	.0477531	.7406683
Stddev	.003789	.078236	.0004039	.000365	.1344421	.0016917	.0019065
%RSD	.2290898	1.011923	1.072410	21.07893	24.13064	3.542689	.2574060
#1	1.658319	7.726404	.0375543	-.001312	.7090726	.0496868	.7428695
#2	1.652302	7.812055	.0373259	-.001912	.5087940	.0465465	.7395981
#3	1.651320	7.655825	.0381111	-.001972	.4535615	.0470259	.7395373

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350963	2.262157	.0048683	.0009337	1.202803	1.788422	.0224308
Stddev	.067203	.008853	.0010908	.0004555	.008352	.004674	.0013451
%RSD	4.974420	.3913680	22.40654	48.78764	.6943442	.2613489	5.996841
#1	1.420225	2.269502	.0061166	.0013606	1.195648	1.783067	.0216886
#2	1.286029	2.264643	.0040986	.0004541	1.200782	1.791683	.0216204
#3	1.346635	2.252327	.0043895	.0009865	1.211980	1.790515	.0239836

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-11LX5 Acquired: 12/02/2024 20:58:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.6708451	-.006931	.0608522
Stddev	.0052640	.000198	.0001386
%RSD	.7846761	2.853006	.2277090
#1	.6651992	-.007124	.0609947
#2	.6756180	-.006941	.0608438
#3	.6717181	-.006729	.0607180

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.978	30447.12	5841.029	910.2799	1787.344
Stddev	1.442	58.24	18.162	1.5142	1.425
%RSD	.1394639	.1912770	.3109395	.1663410	.0797550
#1	1033.355	30394.19	5854.781	908.8932	1785.750
#2	1035.627	30437.66	5820.441	910.0509	1788.496
#3	1032.953	30509.51	5847.865	911.8955	1787.786

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-13 Acquired: 12/02/2024 21:02:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5261656	.0853934	5.841115	.1568442	.1752824	70.75284
Stddev	.0097063	.0022092	.026844	.0090833	.0020018	2.29331
%RSD	1.844720	2.587096	.4595735	5.791291	1.142026	3.241293
#1	.5354185	.0860145	5.871882	.1671518	.1729943	73.29428
#2	.5160619	.0829401	5.822464	.1500107	.1761427	70.12639
#3	.5270162	.0872256	5.828999	.1533701	.1767102	68.83786

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.112222	.1019215	.1136422	86.53999	.5986486	1.103322
Stddev	.207179	.0036995	.0002104	2.98363	.0018575	.003040
%RSD	3.389592	3.629717	.1851242	3.447690	.3102898	.2755679
#1	6.345588	.1059934	.1138849	89.89439	.5965092	1.106627
#2	6.041127	.1010041	.1135110	85.54330	.5995851	1.100644
#3	5.949950	.0987671	.1135308	84.18229	.5998515	1.102696

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9841595	166.0707	8.296500	34.41921	1.193696	.0781212
Stddev	.0346953	5.5169	.291164	.98207	.002892	.0007420
%RSD	3.525372	3.322016	3.509485	2.853271	.2422702	.9498414
#1	1.023802	172.1374	8.625833	35.45878	1.196655	.0772646
#2	.969347	164.7203	8.190415	34.29178	1.190877	.0785673
#3	.959329	161.3543	8.073252	33.50708	1.193554	.0785317

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.055583	1.246459	3.953980	7.717695	F 10.75639	.0453050
Stddev	.229768	.034463	.005389	.391540	.04905	.0049210
%RSD	11.17775	2.764903	.1362880	5.073283	.4560357	10.86202
#1	2.229362	1.281929	3.958627	8.159150	10.81247	.0489744
#2	1.795073	1.244349	3.948073	7.581479	10.72149	.0472278
#3	2.142315	1.213099	3.955241	7.412456	10.73520	.0397129

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4914-13 Acquired: 12/02/2024 21:02:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073192	5.781102	7.742651	.1039160	3.010556	.0510694
Stddev	.0006451	.019328	.256074	.0017718	.093076	.0042669
%RSD	8.814374	.3343305	3.307319	1.704988	3.091648	8.355110
#1	.0073010	5.803298	8.027474	.1036585	3.111030	.0545098
#2	.0079732	5.772025	7.669023	.1058024	2.993363	.0524038
#3	.0066833	5.767983	7.531457	.1022871	2.927276	.0462948

Elem	Sr4077
Units	ppm
Avg	.2739621
Stddev	.0093483
%RSD	3.412248
#1	.2844486
#2	.2709360
#3	.2665017

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1075.955	32211.93	6149.507	942.5917	1674.447
Stddev	3.555	77.58	201.753	1.4758	7.675
%RSD	.3304082	.2408426	3.280798	.1565713	.4583655
#1	1072.314	32271.48	5926.319	941.9598	1665.585
#2	1079.417	32124.20	6203.268	944.2783	1678.925
#3	1076.133	32240.11	6318.934	941.5371	1678.832

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-08 Acquired: 12/02/2024 21:06:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0655628	-.009044	1.267168	-.005204	.0081571	73.00762
Stddev	.0040543	.006559	.013982	.005151	.0042892	.15925
%RSD	6.183882	72.52451	1.103395	98.96974	52.58202	.2181338
#1	.0645342	-.013878	1.280379	.000525	.0066953	72.82393
#2	.0700323	-.011675	1.268599	-.006685	.0129860	73.10687
#3	.0621218	-.001578	1.252525	-.009452	.0047899	73.09206

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8453916	.0040904	.0169320	170.1474	.1363813	.0897581
Stddev	.0026886	.0000994	.0002409	.4721	.0007835	.0009560
%RSD	.3180348	2.428961	1.422576	.2774718	.5744965	1.065123
#1	.8422872	.0041330	.0171723	169.6072	.1367388	.0905633
#2	.8469095	.0039768	.0166905	170.4806	.1354828	.0900095
#3	.8469780	.0041613	.0169333	170.3546	.1369222	.0887015

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3685701	182.2296	9.090732	48.13010	.1879383	-.015780
Stddev	.0015849	.3241	.023181	.12072	.0014044	.000101
%RSD	.4300079	.1778678	.2549949	.2508192	.7472759	.6430753
#1	.3671875	181.9570	9.064044	48.05608	.1880890	-.015821
#2	.3682231	182.5880	9.102287	48.06482	.1892613	-.015855
#3	.3702997	182.1438	9.105863	48.26941	.1864646	-.015665

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915729	.2038594	1.259343	6.305693	F 10.62672	.0416218
Stddev	.270426	.0048129	.001029	.014652	.07324	.0014272
%RSD	14.11608	2.360907	.0817277	.2323538	.6891774	3.428859
#1	1.906500	.1991315	1.260531	6.296353	10.65465	.0405893
#2	1.650036	.2087531	1.258715	6.298148	10.68189	.0432504
#3	2.190652	.2036937	1.258784	6.322580	10.54363	.0410258

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-08 Acquired: 12/02/2024 21:06:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013750	1.931097	5.569855	.0644304	1.343543	.0726084
Stddev	.0007148	.019247	.003468	.0029258	.003678	.0001872
%RSD	51.98240	.9966995	.0622651	4.540995	.2737792	.2578161
#1	.0006153	1.946526	5.572676	.0677696	1.340276	.0724468
#2	.0014755	1.937236	5.570905	.0632054	1.347527	.0725649
#3	.0020341	1.909529	5.565983	.0623162	1.342826	.0728135

Elem	Sr4077
Units	ppm
Avg	.2834893
Stddev	.0007457
%RSD	.2630481
#1	.2826765
#2	.2836495
#3	.2841419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1151.821	34395.60	6811.221	1010.733	1602.360
Stddev	3.007	15.92	.466	1.281	11.920
%RSD	.2610955	.0462852	.0068346	.1267575	.7438826
#1	1152.161	34389.72	6810.746	1011.223	1593.935
#2	1148.658	34383.45	6811.240	1011.698	1597.147
#3	1154.644	34413.62	6811.676	1009.280	1615.998

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-09 Acquired: 12/02/2024 21:11:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649183	-.010302	1.180754	-.013037	.0127020	60.68120	.7552267
Stddev	.0089126	.006127	.001653	.000981	.0032536	.22187	.0015427
%RSD	13.72894	59.47886	.1400200	7.522104	25.61477	.3656374	.2042707
#1	.0680928	-.013725	1.182660	-.013593	.0093297	60.68374	.7553336
#2	.0548531	-.013952	1.179903	-.013613	.0158222	60.90179	.7567131
#3	.0718091	-.003228	1.179701	-.011905	.0129541	60.45806	.7536333

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036896	.0141887	148.4648	.1203121	.0791861	.3428997	180.4368
Stddev	.0001348	.0001747	.3030	.0015596	.0007022	.0021349	.6466
%RSD	3.653589	1.231102	.2040755	1.296253	.8867639	.6225875	.3583401
#1	.0035501	.0143342	148.5421	.1186209	.0793741	.3422719	180.6267
#2	.0038191	.0139950	148.7216	.1216935	.0797751	.3411491	180.9672
#3	.0036994	.0142369	148.1306	.1206219	.0784090	.3452780	179.7166

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.089189	39.01895	.1634676	-.014863	1.736920	.1736538	1.100213
Stddev	.012243	.06933	.0013742	.000420	.188523	.0029043	.004360
%RSD	.1513491	.1776828	.8406621	2.828089	10.85390	1.672479	.3962638
#1	8.100863	39.07645	.1618810	-.014670	1.935721	.1750137	1.104967
#2	8.090256	39.03843	.1642840	-.015345	1.560711	.1703190	1.099271
#3	8.076448	38.94196	.1642378	-.014574	1.714326	.1756286	1.096401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.926371	8.110685	.0341672	.0014054	1.650322	5.062697	.0602216
Stddev	.046007	.023053	.0056243	.0011629	.009477	.034516	.0025058
%RSD	.9338906	.2842280	16.46111	82.74226	.5742695	.6817652	4.160926
#1	4.955238	8.133178	.0403137	.0027121	1.639398	5.037465	.0596083
#2	4.873316	8.111766	.0292778	.0010197	1.656349	5.102031	.0580794
#3	4.950560	8.087110	.0329102	.0004844	1.655219	5.048596	.0629771

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-09 Acquired: 12/02/2024 21:11:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.165400	.0547103	.2293365
Stddev	.004801	.0010600	.0003684
%RSD	.4119872	1.937553	.1606491
#1	1.167671	.0548642	.2294762
#2	1.168644	.0556850	.2296147
#3	1.159885	.0535817	.2289187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1122.000	33499.47	6604.534	986.1149	1628.606
Stddev	.620	125.61	17.579	3.7414	1.814
%RSD	.0552463	.3749701	.2661593	.3794094	.1113753
#1	1122.508	33450.53	6623.754	981.8150	1626.573
#2	1122.182	33642.19	6589.271	988.6273	1629.188
#3	1121.309	33405.71	6600.577	987.9024	1630.058

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-08LX5 Acquired: 12/02/2024 21:15:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153641	.0018071	.2684958	.0004011	.0008252	17.01687	.2013057
Stddev	.0079154	.0056534	.0054423	.0026718	.0023004	.06466	.0012877
%RSD	51.51890	312.8390	2.026950	666.1227	278.7554	.3799772	.6396652
#1	.0105013	.0082215	.2639104	.0026827	.0034694	17.09117	.2019164
#2	.0244977	-.002450	.2745099	.0010587	-.000716	16.98612	.2021745
#3	.0110934	-.000350	.2670670	-.002538	-.000278	16.97333	.1998263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011190	.0030630	41.05027	.0341109	.0173602	.0888864	44.63281
Stddev	.0001282	.0001534	.04351	.0005036	.0003938	.0031701	.04092
%RSD	11.45474	5.007779	.1059931	1.476365	2.268351	3.566441	.0916911
#1	.0010920	.0032137	41.09857	.0336082	.0177830	.0925336	44.66365
#2	.0010065	.0030684	41.03813	.0341092	.0170039	.0873318	44.58638
#3	.0012586	.0029070	41.01412	.0346154	.0172937	.0867937	44.64839

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.225702	11.58713	.0392415	-.002301	.6579995	.0458264	.3053242
Stddev	.005429	.04254	.0004362	.000323	.1587495	.0055673	.0001310
%RSD	.2439352	.3670928	1.111486	14.03704	24.12608	12.14869	.0429086
#1	2.231929	11.61085	.0393736	-.001975	.5975179	.0394766	.3052405
#2	2.221954	11.53802	.0395964	-.002309	.8380998	.0498705	.3054751
#3	2.223225	11.61250	.0387546	-.002621	.5383808	.0481319	.3052569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.026091	2.177304	.0022833	-.000757	.3926324	1.244658	.0146602
Stddev	.080052	.009517	.0017444	.000796	.0027000	.002428	.0013396
%RSD	7.801661	.4370992	76.39834	105.2463	.6876796	.1950732	9.137901
#1	1.045555	2.179534	.0003523	-.000177	.3945980	1.247395	.0131669
#2	1.094617	2.185508	.0037452	-.000428	.3895538	1.243818	.0157562
#3	.938102	2.166870	.0027525	-.001665	.3937455	1.242762	.0150577

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-08LX5 Acquired: 12/02/2024 21:15:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.3152392	-.001548	.0674298
Stddev	.0010049	.001033	.0000682
%RSD	.3187643	66.72418	.1011718
#1	.3163904	-.000434	.0675030
#2	.3147889	-.001736	.0673679
#3	.3145382	-.002474	.0674184

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1044.270	30895.24	5934.004	926.8651	1746.544
Stddev	8.435	63.45	23.112	2.4213	16.530
%RSD	.8077026	.2053659	.3894832	.2612331	.9464171
#1	1049.421	30832.49	5919.206	928.8104	1752.139
#2	1034.536	30893.87	5922.170	924.1534	1727.943
#3	1048.854	30959.37	5960.636	927.6316	1759.549

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-10 Acquired: 12/02/2024 21:20:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1482139	.0868485	1.290729	.1398567	.1605708	73.66762
Stddev	.0053898	.0045122	.002986	.0036432	.0034575	.69873
%RSD	3.636480	5.195465	.2313686	2.604947	2.153263	.9484917
#1	.1544248	.0885359	1.293990	.1438777	.1588168	73.92453
#2	.1447655	.0902739	1.288128	.1367755	.1645538	74.20153
#3	.1454512	.0817358	1.290069	.1389169	.1583419	72.87681

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.368333	.0910638	.1187590	167.3161	.5083533	1.111111
Stddev	.051330	.0011571	.0003089	1.9789	.0016531	.001908
%RSD	1.175046	1.270674	.2601036	1.182757	.3251789	.1716918
#1	4.394360	.0917033	.1186243	168.5708	.5100137	1.109541
#2	4.401435	.0917600	.1185403	168.3428	.5083385	1.110557
#3	4.309203	.0897280	.1191124	165.0349	.5067077	1.113234

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7709355	180.6718	9.832944	47.09007	1.209515	.0680626
Stddev	.0105436	1.5014	.133087	.34748	.005138	.0002754
%RSD	1.367636	.8310269	1.353485	.7379059	.4248254	.4046068
#1	.7772115	181.5890	9.913240	47.31609	1.206133	.0677793
#2	.7768321	181.4873	9.906271	47.26417	1.206984	.0680792
#3	.7587628	178.9391	9.679320	46.68996	1.215428	.0683293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.897726	1.110329	1.977373	5.875215	F 10.56288	.0347442
Stddev	.151842	.008296	.004643	.094299	.01858	.0030623
%RSD	8.001237	.7471833	.2348021	1.605026	.1758710	8.813874
#1	2.068547	1.116837	1.974335	5.836813	10.55287	.0312179
#2	1.846539	1.113164	1.975066	5.982656	10.58432	.0367337
#3	1.778094	1.100987	1.982717	5.806176	10.55145	.0362812

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-10 Acquired: 12/02/2024 21:20:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019193	1.936165	4.864856	.0643179	1.285266	.0689361
Stddev	.0005390	.018961	.048217	.0023674	.010790	.0018145
%RSD	28.08494	.9793170	.9911313	3.680821	.8394807	2.632164
#1	.0013532	1.914276	4.907456	.0618688	1.289733	.0709681
#2	.0019783	1.946677	4.874601	.0644906	1.293105	.0683625
#3	.0024263	1.947541	4.812511	.0665942	1.272960	.0674777

Elem	Sr4077
Units	ppm
Avg	.2769215
Stddev	.0034421
%RSD	1.242979
#1	.2787830
#2	.2790320
#3	.2729496

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1147.577	34378.02	6853.837	1007.406	1601.850
Stddev	.727	34.10	54.404	3.541	2.829
%RSD	.0633111	.0991989	.7937783	.3515015	.1766088
#1	1148.171	34361.49	6808.664	1011.216	1604.328
#2	1147.793	34417.24	6838.616	1006.786	1602.454
#3	1146.767	34355.34	6914.231	1004.216	1598.767

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-06 Acquired: 12/02/2024 21:24:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033639	.0037467	.0004085	.0028878	.0012485	.0545853	.0043474
Stddev	.0037416	.0002958	.0013150	.0022328	.0011073	.0053622	.0000179
%RSD	111.2286	7.895041	321.9316	77.31645	88.69358	9.823556	.4105836
#1	.0058738	.0037762	-.000113	.0053854	.0007891	.0604716	.0043282
#2	.0051545	.0034372	-.000566	.0021930	.0025116	.0533057	.0043635
#3	-.000937	.0040266	.001904	.0010851	.0004448	.0499787	.0043507

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001077	-.000083	.6192931	.0089770	.0013110	-.000403	.6540173
Stddev	.0001098	.000170	.0052683	.0002327	.0001756	.004095	.0133702
%RSD	101.9613	204.3062	.8507004	2.592672	13.39175	1016.815	2.044313
#1	.0000384	.000009	.6247833	.0087390	.0012887	-.004639	.6447914
#2	.0000504	.000021	.6142790	.0092041	.0014967	-.000104	.6693505
#3	.0002342	-.000279	.6188171	.0089879	.0011477	.003535	.6479100

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0474051	.1793038	.0282150	-.001702	.3124365	-.003897	.0036128
Stddev	.0000821	.0199996	.0008805	.000424	.0343480	.006369	.0004073
%RSD	.1732158	11.15400	3.120816	24.90112	10.99360	163.4177	11.27240
#1	.0473117	.2005959	.0282769	-.002156	.2902116	.001843	.0040574
#2	.0474377	.1764015	.0273051	-.001318	.2951004	-.002786	.0035233
#3	.0474659	.1609139	.0290629	-.001630	.3519977	-.010748	.0032577

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.54286	.0228003	-.008818	.0000501	.0104158	.0269082	-.001497
Stddev	.11237	.0020681	.000880	.0007015	.0020522	.0004375	.001284
%RSD	3.171693	9.070725	9.976201	1400.180	19.70331	1.626023	85.78009
#1	-3.62913	.0250381	-.009833	.0004560	.0108624	.0274130	-.002097
#2	-3.41579	.0209593	-.008276	.0004542	.0122080	.0266386	-.002370
#3	-3.58365	.0224034	-.008345	-.000760	.0081770	.0266729	-.000023

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4915-06 Acquired: 12/02/2024 21:24:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0019913	-.047548	.0013724
Stddev	.0014658	.001185	.0000562
%RSD	73.60786	2.492713	4.097812
#1	.0036741	-.048778	.0013104
#2	.0009931	-.046413	.0013865
#3	.0013068	-.047453	.0014202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.962	31703.11	5908.995	957.9546	2004.374
Stddev	4.741	60.16	14.908	3.8737	8.094
%RSD	.4361737	.1897619	.2522857	.4043714	.4038061
#1	1086.475	31769.95	5910.843	959.6123	2007.209
#2	1091.928	31653.29	5922.893	953.5279	2010.670
#3	1082.483	31686.09	5893.250	960.7236	1995.245

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV074 Acquired: 12/02/2024 21:29:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.415642	5.081214	24.88746	4.967582	4.759553	401.2965
Stddev	.014265	.022750	.02644	.018206	.019903	1.9522
%RSD	.2634030	.4477326	.1062182	.3664986	.4181713	.4864808
#1	5.431789	5.107217	24.89608	4.953957	4.751105	400.2989
#2	5.410388	5.071445	24.85780	4.988259	4.782287	403.5459
#3	5.404749	5.064979	24.90852	4.960530	4.745268	400.0445

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.994878	.5062368	2.632331	402.9738	15.38672	2.508869
Stddev	.115156	.0030025	.001067	.0846	.03774	.002814
%RSD	1.152147	.5931018	.0405154	.0210044	.2453075	.1121593
#1	10.06670	.5071959	2.631101	402.8888	15.39463	2.512050
#2	10.05588	.5086425	2.632985	402.9747	15.41987	2.507853
#3	9.86205	.5028719	2.632909	403.0581	15.34564	2.506705

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83331	402.6952	14.72753	418.3083	2.483803	1.265430
Stddev	.01641	.2298	.02128	.3307	.003596	.005628
%RSD	.1106302	.0570714	.1444710	.0790682	.1447662	.4447252
#1	14.85097	402.7254	14.75099	418.3529	2.487723	1.269582
#2	14.81854	402.4518	14.70947	417.9575	2.483030	1.267683
#3	14.83041	402.9085	14.72215	418.6145	2.480658	1.259025

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	399.6867	2.477023	14.39364	151.9430	4.975340	F 4.259806
Stddev	.2703	.008165	.07811	.1292	.006852	.026975
%RSD	.0676168	.3296273	.5426704	.0850002	.1377180	.6332465
#1	399.7313	2.474938	14.47612	152.0659	4.968007	4.266892
#2	399.3969	2.470103	14.38402	151.8084	4.976434	4.282530
#3	399.9319	2.486029	14.32079	151.9548	4.981579	4.229995

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV074 Acquired: 12/02/2024 21:29:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV074 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.817554	5.028284	F 3.416110	5.023155	4.986657	4.849456
Stddev	.006603	.006051	.018157	.003730	.014870	.004521
%RSD	.1370525	.1203453	.5315204	.0742499	.2981879	.0932178
#1	4.824708	5.025788	3.427436	5.027460	5.002797	4.852174
#2	4.816258	5.035184	3.425728	5.021109	4.973515	4.844237
#3	4.811695	5.023880	3.395167	5.020896	4.983658	4.851956

Elem	Sr4077
Units	ppm
Avg	5.017248
Stddev	.010613
%RSD	.2115278
#1	5.012939
#2	5.029338
#3	5.009467

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	806.9507	25626.31	5388.857	664.8656	1323.403
Stddev	2.2962	33.96	15.442	3.6098	3.359
%RSD	.2845469	.1325194	.2865571	.5429334	.2537880
#1	804.3503	25588.15	5380.503	660.7143	1320.011
#2	807.8027	25637.55	5379.391	667.2658	1326.727
#3	808.6991	25653.22	5406.676	666.6167	1323.471

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB074 Acquired: 12/02/2024 21:33:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045012	-.001344	-.001288	.0037792	.0012014	.0012870	.0001722
Stddev	.0026781	.004110	.000806	.0044265	.0016614	.0051237	.0006539
%RSD	59.49732	305.6974	62.61492	117.1263	138.2903	398.1204	379.6681
#1	.0073938	.000228	-.000370	.0022569	-.000239	.0068205	-.000580
#2	.0021079	.001747	-.001884	.0003148	.003019	.0003333	.000495
#3	.0040018	-.006008	-.001609	.0087660	.000825	-.003293	.000602

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000394	-.000176	.0165146	.0005381	-.000266	-.002537	.0022275
Stddev	.0001424	.000036	.0114290	.0006895	.000312	.003246	.0085618
%RSD	361.4057	20.29682	69.20527	128.1333	117.1932	127.9172	384.3723
#1	-.000125	-.000147	.0296212	.0004702	-.000403	.000238	.0098874
#2	.000132	-.000215	.0086251	-.000115	-.000486	-.001744	-.007015
#3	.000111	-.000165	.0112976	.001259	.000091	-.006106	.003810

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007561	.0157682	.0007699	.0009314	.0243273	-.003383	-.000131
Stddev	.0004962	.0251125	.0001886	.0004260	.4299757	.001581	.000541
%RSD	65.62600	159.2601	24.50117	45.74347	1767.459	46.73423	413.3232
#1	.0013024	.0408770	.0009556	.0013585	.1559422	-.004978	-.000112
#2	.0003335	.0157755	.0007758	.0009293	.3731128	-.001816	-.000681
#3	.0006324	-.009348	.0005784	.0005064	-.456073	-.003357	.000401

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.255026	.0038920	-.001051	.0002403	-.000274	.0004257	-.001698
Stddev	.079283	.0053128	.001313	.0004642	.000598	.0001945	.001810
%RSD	31.08800	136.5042	124.9009	193.1965	217.9593	45.69176	106.5907
#1	-.326364	.0096971	-.000078	.0007740	.000067	.0006201	-.003269
#2	-.169669	-.000728	-.000531	.0000154	-.000965	.0002311	.000281
#3	-.269045	.002707	-.002544	-.000069	.000075	.0004258	-.002104

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB074 Acquired: 12/02/2024 21:33:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB074 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006258	-.011828	.0001555
Stddev	.0010416	.000143	.0000637
%RSD	166.4552	1.205359	40.93058
#1	.0015540	-.011849	.0000832
#2	.0008242	-.011959	.0001804
#3	-.000501	-.011676	.0002030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1009.829	29638.03	5633.246	888.7102	1860.498
Stddev	.481	115.58	62.814	3.5099	1.944
%RSD	.0475836	.3899784	1.115063	.3949450	.1044726
#1	1009.702	29513.99	5575.318	888.9498	1859.684
#2	1009.425	29657.38	5700.011	885.0867	1859.094
#3	1010.360	29742.71	5624.411	892.0942	1862.717

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-14 Acquired: 12/02/2024 21:38:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031364	-.002356	.0005209	.0040148	-.002319	.0111902	.0008574
Stddev	.0039239	.000941	.0018051	.0028104	.002867	.0017132	.0001991
%RSD	125.1078	39.95970	346.5284	70.00151	123.6264	15.30975	23.22372
#1	.0007183	-.001782	-.000562	.0029542	-.003470	.0120429	.0007830
#2	.0010271	-.003442	.002605	.0018890	.000945	.0092180	.0007062
#3	.0076638	-.001843	-.000480	.0072012	-.004431	.0123098	.0010830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000786	-.000045	.1111090	.0003907	.0004011	.0010013	.0936803
Stddev	.0000498	.000077	.0016461	.0003787	.0001231	.0012752	.0016894
%RSD	63.31763	171.8281	1.481487	96.93672	30.69343	127.3589	1.803331
#1	.0001246	-.000128	.1126852	.0002884	.0003942	.0017835	.0919746
#2	.0000854	-.000030	.1112408	.0008101	.0002815	.0016906	.0937135
#3	.0000258	.000024	.1094010	.0000736	.0005274	-.000470	.0953528

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040512	-.015568	.0012307	-.001618	.7024463	-.006413	-.000189
Stddev	.0002906	.022407	.0002456	.000141	.0288292	.005298	.000400
%RSD	7.174350	143.9249	19.95597	8.731132	4.104116	82.61603	211.4273
#1	.0038158	-.029639	.0012614	-.001766	.7112716	-.003980	-.000645
#2	.0039617	-.027337	.0014595	-.001604	.6702360	-.012491	-.000025
#3	.0043760	.010271	.0009712	-.001485	.7258313	-.002769	.000103

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-3.68986	.0010571	-.005430	.0001807	.0138865	.0157751	-.001571
Stddev	.15634	.0024307	.001153	.0001850	.0060961	.0006425	.001579
%RSD	4.236928	229.9460	21.23747	102.4024	43.89912	4.072951	100.4923
#1	-3.76990	.0034801	-.004115	.0000763	.0153236	.0156948	-.002725
#2	-3.78997	-.001381	-.006271	.0000714	.0191357	.0151765	-.002216
#3	-3.50971	.001072	-.005903	.0003943	.0072003	.0164540	.000228

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-14 Acquired: 12/02/2024 21:38:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0025149	-.046955	.0002053
Stddev	.0004059	.000353	.0001068
%RSD	16.14032	.7518299	52.03918
#1	.0025008	-.047022	.0003207
#2	.0029276	-.047270	.0001099
#3	.0021162	-.046573	.0001852

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1086.175	31665.99	5881.848	958.5939	2012.191
Stddev	1.882	64.25	19.254	4.5213	5.170
%RSD	.1732468	.2029039	.3273516	.4716609	.2569140
#1	1087.075	31700.43	5859.725	963.7757	2016.730
#2	1087.438	31705.67	5894.825	955.4517	2013.281
#3	1084.013	31591.86	5890.993	956.5543	2006.564

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-01 Acquired: 12/02/2024 21:42:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0926701	-.008419	2.704568	-.005426	.0048725	52.81824	1.042189
Stddev	.0094394	.005309	.010230	.001549	.0026377	.55407	.011936
%RSD	10.18601	63.05376	.3782311	28.54410	54.13338	1.049013	1.145245
#1	.1012232	-.002592	2.708882	-.005577	.0045356	53.18169	1.051548
#2	.0942446	-.012981	2.711934	-.006895	.0076625	53.09251	1.046272
#3	.0825425	-.009685	2.692888	-.003808	.0024195	52.18053	1.028748

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039117	.0125228	71.91100	.1257018	.0734178	.3180921	137.3040
Stddev	.0000469	.0000816	.67487	.0007517	.0005560	.0046924	1.3466
%RSD	1.199323	.6513954	.9384759	.5979686	.7573089	1.475180	.9807451
#1	.0038685	.0125391	72.37524	.1248371	.0740549	.3226991	138.2500
#2	.0039049	.0125950	72.22093	.1260699	.0731681	.3182585	137.8997
#3	.0039616	.0124343	71.13684	.1261985	.0730304	.3133187	135.7622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.72979	30.24385	.1844035	-.012968	1.452445	.1707792	2.025068
Stddev	.10861	.25001	.0007319	.000709	.245606	.0034674	.014122
%RSD	1.012185	.8266624	.3969224	5.467805	16.90986	2.030344	.6973366
#1	10.79135	30.36953	.1851493	-.012488	1.519089	.1740451	2.020458
#2	10.79363	30.40609	.1843748	-.013782	1.657851	.1671404	2.013828
#3	10.60439	29.95593	.1836863	-.012634	1.180394	.1711523	2.040919

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.076071	7.790923	.0536398	.0052074	4.350559	4.081568	.0526069
Stddev	.128029	.023654	.0006074	.0002614	.023187	.033070	.0011161
%RSD	3.141001	.3036126	1.132451	5.019892	.5329613	.8102341	2.121559
#1	4.087254	7.806665	.0542695	.0054026	4.360739	4.093719	.0517107
#2	4.198142	7.802382	.0535924	.0049105	4.366914	4.106844	.0522529
#3	3.942816	7.763721	.0530574	.0053093	4.324024	4.044141	.0538570

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-01 Acquired: 12/02/2024 21:42:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.076953	.0432636	.1234565
Stddev	.010173	.0008874	.0014328
%RSD	.9445680	2.051060	1.160595
#1	1.084402	.0432474	.1244749
#2	1.081096	.0441590	.1240766
#3	1.065363	.0423845	.1218181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1107.976	33335.27	6551.098	972.7582	1676.616
Stddev	4.731	192.18	51.094	6.4199	9.583
%RSD	.4269653	.5765202	.7799256	.6599716	.5715766
#1	1102.523	33155.29	6504.707	973.2446	1667.372
#2	1110.987	33537.69	6542.727	978.9211	1675.969
#3	1110.417	33312.84	6605.861	966.1089	1686.506

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-02 Acquired: 12/02/2024 21:47:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1292098	-.004113	3.624741	-.012106	.0062383	62.48425
Stddev	.0118787	.004328	.027414	.005981	.0011361	.17629
%RSD	9.193326	105.2160	.7563018	49.40367	18.21111	.2821418
#1	.1332820	-.008701	3.651919	-.005466	.0055351	62.68198
#2	.1385168	-.003535	3.597097	-.013783	.0056309	62.42732
#3	.1158306	-.000104	3.625209	-.017070	.0075490	62.34346

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.326947	.0052934	.0174592	75.89196	.1489396	.0995993
Stddev	.005234	.0001351	.0000914	.24616	.0006133	.0009617
%RSD	.3944698	2.552248	.5232690	.3243552	.4117919	.9655920
#1	1.329819	.0054459	.0174586	76.06200	.1494279	.0999946
#2	1.320905	.0052458	.0175509	75.60968	.1482512	.0985029
#3	1.330117	.0051886	.0173681	76.00419	.1491395	.1003004

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3950196	171.8417	13.95160	33.10956	.2350104	-.015924
Stddev	.0010297	.5372	.04157	.05468	.0014017	.000260
%RSD	.2606640	.3126199	.2979841	.1651526	.5964349	1.632949
#1	.3956357	172.4515	13.96157	33.11936	.2350062	-.015628
#2	.3938309	171.6357	13.90595	33.15868	.2336108	-.016114
#3	.3955922	171.4380	13.98728	33.05064	.2364142	-.016032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.708501	.2014701	2.533924	3.082417	F 10.30914	.0503135
Stddev	.373027	.0034862	.013018	.037575	.04227	.0030023
%RSD	21.83356	1.730403	.5137565	1.219002	.4100376	5.967082
#1	1.849067	.2014165	2.545372	3.117223	10.34534	.0534780
#2	1.990822	.1980110	2.519763	3.042581	10.26269	.0499571
#3	1.285614	.2049829	2.536638	3.087448	10.31941	.0475054

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-02 Acquired: 12/02/2024 21:47:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058198	5.115329	7.700398	.0736477	1.235466	.0505060
Stddev	.0004926	.055470	.015736	.0039933	.007717	.0009873
%RSD	8.463478	1.084383	.2043543	5.422141	.6246511	1.954827
#1	.0053972	5.157154	7.705804	.0781009	1.242031	.0511674
#2	.0057015	5.052406	7.682671	.0724571	1.237403	.0509794
#3	.0063608	5.136427	7.712719	.0703851	1.226965	.0493711

Elem	Sr4077
Units	ppm
Avg	.1467093
Stddev	.0001830
%RSD	.1247544
#1	.1467486
#2	.1465099
#3	.1468695

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1186.580	35209.04	6839.623	1048.137	1681.104
Stddev	9.677	117.57	10.747	4.243	9.825
%RSD	.8154972	.3339222	.1571289	.4047963	.5844424
#1	1178.696	35086.59	6833.791	1045.731	1673.398
#2	1197.379	35321.04	6852.026	1053.036	1692.168
#3	1183.666	35219.48	6833.053	1045.645	1677.748

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-03 Acquired: 12/02/2024 21:51:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033663	-.009490	4.986828	.0007687	.0908857	67.35604
Stddev	.0096919	.007807	.019998	.0127711	.0019023	.47335
%RSD	9.376258	82.26503	.4010247	1661.362	2.093061	.7027588
#1	.1045337	-.014507	4.975915	-.011834	.0887557	66.92767
#2	.0931435	-.000495	4.974660	.013702	.0914862	67.27624
#3	.1124216	-.013469	5.009908	.000438	.0924153	67.86422

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.332913	.0048591	.0161953	312.2350	.1879197	.0728157
Stddev	.013715	.0001470	.0004801	2.0566	.0105113	.0005182
%RSD	.5879050	3.024984	2.964216	.6586783	5.593478	.7117206
#1	2.322120	.0046894	.0157302	310.4789	.1769243	.0726884
#2	2.328273	.0049412	.0166890	311.7286	.1978684	.0733857
#3	2.348347	.0049467	.0161668	314.4975	.1889666	.0723730

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6476402	142.6887	5.269317	58.33098	.2074511	-.006714
Stddev	.0019074	1.0124	.029364	.34890	.0008536	.002863
%RSD	.2945100	.7094935	.5572655	.5981334	.4114606	42.64325
#1	.6455369	141.6480	5.244258	58.04422	.2065304	-.009892
#2	.6492577	142.7481	5.262065	58.22929	.2082161	-.004334
#3	.6481261	143.6701	5.301627	58.71942	.2076068	-.005917

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.530818	.1876382	2.845986	12.55957	F 17.99163	.0730417
Stddev	.184716	.0053092	.158683	.13722	.06902	.0042951
%RSD	7.298652	2.829486	5.575688	1.092548	.3836207	5.880301
#1	2.452481	.1820895	2.668696	12.49137	17.92123	.0744140
#2	2.398181	.1926701	2.974713	12.46981	17.99448	.0682282
#3	2.741793	.1881550	2.894549	12.71752	18.05918	.0764830

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-03 Acquired: 12/02/2024 21:51:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066911	5.613995	5.549457	.3969997	1.297412	.0787433
Stddev	.0008692	.021747	.105323	.0019407	.009226	.0015110
%RSD	12.98984	.3873773	1.897901	.4888529	.7110757	1.918830
#1	.0058791	5.594466	5.428239	.3952081	1.289245	.0782722
#2	.0076080	5.610088	5.618581	.3990613	1.295571	.0775239
#3	.0065863	5.637431	5.601552	.3967297	1.307419	.0804336

Elem	Sr4077
Units	ppm
Avg	.6193329
Stddev	.0039119
%RSD	.6316270
#1	.6165732
#2	.6176158
#3	.6238096

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1084.485	33066.18	6465.653	976.9489	1550.935
Stddev	2.013	1539.01	47.078	42.7901	5.466
%RSD	.1856192	4.654326	.7281305	4.379972	.3524029
#1	1086.446	34743.29	6516.275	1024.955	1556.814
#2	1084.584	31718.69	6457.499	942.819	1549.984
#3	1082.424	32736.55	6423.183	963.072	1546.008

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-04 Acquired: 12/02/2024 21:55:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081091	-.006725	5.413194	-.009325	.0133468	82.00705
Stddev	.0083127	.006869	.016693	.006899	.0017478	3.47043
%RSD	7.689161	102.1328	.3083690	73.98292	13.09504	4.231863
#1	.1008359	-.012237	5.413184	-.010505	.0113600	78.09551
#2	.1171703	.000970	5.396507	-.001912	.0146470	84.71697
#3	.1063211	-.008908	5.429892	-.015558	.0140334	83.20867

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.645119	.0059971	.0177039	343.9995	.1856483	.0793060
Stddev	.103172	.0002586	.0004745	14.2389	.0003048	.0014026
%RSD	3.900456	4.311332	2.680356	4.139209	.1641864	1.768614
#1	2.529551	.0057523	.0182278	327.8822	.1859510	.0797981
#2	2.727950	.0059715	.0173029	354.8724	.1853414	.0777236
#3	2.677857	.0062675	.0175810	349.2438	.1856525	.0803962

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7696900	155.7726	5.506097	59.89946	.2240985	-.006794
Stddev	.0287753	6.8278	.222093	2.44383	.0007828	.000660
%RSD	3.738560	4.383171	4.033586	4.079888	.3493139	9.712240
#1	.7375364	148.1239	5.254797	57.13432	.2249647	-.006049
#2	.7930213	161.2529	5.676037	61.76969	.2234417	-.007303
#3	.7785124	157.9408	5.587457	60.79436	.2238892	-.007032

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.676738	.2193096	3.133997	11.06518	F 17.48526	.0711827
Stddev	.067090	.0081096	.011180	.49453	.05350	.0041201
%RSD	2.506411	3.697788	.3567403	4.469265	.3059747	5.788091
#1	2.645058	.2099462	3.145417	10.52445	17.44271	.0673198
#2	2.753802	.2238855	3.123073	11.49450	17.46775	.0755191
#3	2.631354	.2240971	3.133501	11.17661	17.54532	.0707090

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-04 Acquired: 12/02/2024 21:55:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070041	4.616862	6.158893	.1823645	1.297564	.1005263
Stddev	.0007682	.009617	.233154	.0006583	.055549	.0049971
%RSD	10.96825	.2083061	3.785653	.3609642	4.281017	4.970985
#1	.0067504	4.623828	5.892237	.1827179	1.235191	.0947562
#2	.0078671	4.605889	6.324347	.1816050	1.341707	.1034379
#3	.0063948	4.620869	6.260094	.1827706	1.315795	.1033848

Elem	Sr4077
Units	ppm
Avg	.7381165
Stddev	.0285231
%RSD	3.864310
#1	.7062604
#2	.7612874
#3	.7468018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1099.934	32934.35	6664.459	974.6260	1538.661
Stddev	2.076	17.23	252.749	5.2059	4.899
%RSD	.1887144	.0523160	3.792486	.5341415	.3184128
#1	1098.653	32942.15	6953.379	970.4736	1534.276
#2	1102.329	32914.60	6484.277	980.4664	1543.949
#3	1098.820	32946.31	6555.721	972.9379	1537.758

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-05 Acquired: 12/02/2024 22:00:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1567190	-.014806	7.684534	-.004470	.0121975	76.78510
Stddev	.0065256	.004067	.058153	.004640	.0044477	.84851
%RSD	4.163871	27.46685	.7567567	103.7824	36.46395	1.105045
#1	.1628193	-.014978	7.744378	-.003084	.0082732	77.26073
#2	.1574994	-.010656	7.628234	-.000682	.0112905	77.28911
#3	.1498384	-.018784	7.680991	-.009645	.0170287	75.80546

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.505871	.0064860	.0215870	351.6400	.1981036	.0932729
Stddev	.035071	.0000875	.0002452	2.8655	.0019653	.0001932
%RSD	1.000364	1.348426	1.135779	.8148908	.9920352	.2071486
#1	3.525486	.0064140	.0218699	352.9452	.1999815	.0932877
#2	3.526747	.0065833	.0214351	353.6205	.1982680	.0930727
#3	3.465381	.0064606	.0214561	348.3543	.1960613	.0934583

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9310016	210.1833	6.240855	53.39990	.2300636	-.009442
Stddev	.0114539	2.0630	.049267	.31545	.0015470	.000152
%RSD	1.230277	.9815376	.7894252	.5907226	.6724066	1.607761
#1	.9408053	211.0332	6.270305	53.54840	.2317643	-.009267
#2	.9337880	211.6856	6.268280	53.61370	.2287401	-.009540
#3	.9184116	207.8311	6.183978	53.03762	.2296864	-.009520

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.757423	.2476471	3.955394	9.872098	F 22.63044	.0786746
Stddev	.118193	.0050194	.061101	.158850	.16517	.0004750
%RSD	4.286355	2.026824	1.544741	1.609077	.7298405	.6037474
#1	2.821480	.2498286	3.981416	9.923541	22.75714	.0782675
#2	2.829760	.2512065	3.999175	9.998852	22.44364	.0785598
#3	2.621029	.2419060	3.885590	9.693903	22.69055	.0791965

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-05 Acquired: 12/02/2024 22:00:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087119	4.278012	5.778571	.3311357	1.046829	.1032476
Stddev	.0003466	.041400	.053951	.0051245	.011596	.0025601
%RSD	3.977999	.9677496	.9336386	1.547539	1.107712	2.479578
#1	.0089567	4.324086	5.819319	.3304442	1.053390	.1048249
#2	.0083153	4.243935	5.799006	.3263921	1.053657	.1046242
#3	.0088635	4.266014	5.717387	.3365707	1.033440	.1002937

Elem	Sr4077
Units	ppm
Avg	.8114278
Stddev	.0081248
%RSD	1.001303
#1	.8169437
#2	.8152421
#3	.8020976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1111.033	33202.35	6669.200	981.6853	1544.704
Stddev	5.425	173.96	42.560	12.9154	11.735
%RSD	.4882718	.5239512	.6381514	1.315635	.7597101
#1	1105.669	33065.27	6643.202	979.3578	1531.579
#2	1116.517	33143.73	6646.081	970.0919	1554.187
#3	1110.913	33398.05	6718.315	995.6061	1548.345

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-06 Acquired: 12/02/2024 22:04:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1160904	-.009293	4.896228	-.009436	.0419275	75.18275
Stddev	.0067436	.007398	.024183	.010060	.0045876	1.87078
%RSD	5.808930	79.60660	.4939184	106.6125	10.94184	2.488314
#1	.1209822	-.000816	4.914481	.001826	.0422820	74.22059
#2	.1188914	-.014441	4.868799	-.012602	.0371729	73.98886
#3	.1083977	-.012622	4.905403	-.017533	.0463276	77.33879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.918497	.0054057	.0161175	443.2428	.1651407	.0795318
Stddev	.084068	.0001622	.0001959	11.9528	.0028590	.0005801
%RSD	2.880526	3.000601	1.215729	2.696673	1.731230	.7293819
#1	2.874424	.0052595	.0163436	435.9153	.1640005	.0790330
#2	2.865630	.0053774	.0160130	436.7773	.1683938	.0801684
#3	3.015438	.0055802	.0159960	457.0357	.1630277	.0793939

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7745882	171.0680	7.521895	57.69579	.1788716	-.007212
Stddev	.0236178	4.2884	.215987	1.39526	.0024722	.000839
%RSD	3.049075	2.506819	2.871448	2.418301	1.382134	11.63131
#1	.7625000	168.7583	7.381273	56.90304	.1808044	-.007050
#2	.7594613	168.4295	7.413825	56.87751	.1760858	-.006465
#3	.8018031	176.0161	7.770586	59.30683	.1797245	-.008119

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.966398	.2140960	2.898129	10.30820	F 24.99451	.0879709
Stddev	.205367	.0050585	.045019	.48073	.17641	.0064814
%RSD	10.44384	2.362730	1.553391	4.663575	.7057936	7.367642
#1	2.185392	.2143397	2.898810	10.03271	25.15913	.0894087
#2	1.778116	.2089200	2.942804	10.02861	24.80830	.0808913
#3	1.935686	.2190282	2.852773	10.86330	25.01609	.0936126

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-06 Acquired: 12/02/2024 22:04:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHT9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063028	3.892105	4.476241	.3180102	1.037404	.1012761
Stddev	.0007397	.024057	.080062	.0008808	.024723	.0044551
%RSD	11.73644	.6180967	1.788599	.2769686	2.383123	4.398935
#1	.0054676	3.901563	4.420523	.3181375	1.025753	.0995717
#2	.0068754	3.864757	4.440214	.3188204	1.020660	.0979250
#3	.0065655	3.909996	4.567987	.3170727	1.065800	.1063318

Elem	Sr4077
Units	ppm
Avg	.9706091
Stddev	.0265599
%RSD	2.736414
#1	.9558901
#2	.9546675
#3	1.001270

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1117.922	33225.72	6605.940	985.1884	1522.648
Stddev	3.867	315.64	132.573	14.2536	8.065
%RSD	.3459323	.9499743	2.006873	1.446794	.5296736
#1	1114.306	33373.00	6702.191	986.9117	1516.928
#2	1121.999	32863.37	6660.903	970.1515	1531.872
#3	1117.462	33440.80	6454.725	998.5021	1519.144

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-07 Acquired: 12/02/2024 22:08:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1205697	-.014645	4.635912	-.005097	.0081156	79.54663
Stddev	.0022518	.004601	.092069	.003842	.0015688	.04270
%RSD	1.867644	31.41457	1.985986	75.36886	19.33097	.0536849
#1	.1228660	-.009766	4.546704	-.001433	.0080897	79.50293
#2	.1183651	-.018904	4.730596	-.009095	.0065599	79.58827
#3	.1204780	-.015265	4.630436	-.004763	.0096972	79.54870

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.935045	.0056013	.0172731	493.4392	.1932825	.0831244
Stddev	.004198	.0000651	.0006225	1.4936	.0040243	.0019966
%RSD	.1430303	1.163090	3.604102	.3026988	2.082054	2.401918
#1	2.931426	.0055466	.0167012	491.7576	.1912889	.0809478
#2	2.939647	.0055841	.0179362	494.6118	.1906442	.0848708
#3	2.934062	.0056734	.0171820	493.9482	.1979143	.0835546

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6876712	167.1599	7.160201	61.47053	.2066924	-.007940
Stddev	.0023304	.2032	.025173	.09715	.0045392	.001001
%RSD	.3388890	.1215841	.3515653	.1580453	2.196113	12.60506
#1	.6898702	167.3304	7.131203	61.36414	.2035597	-.007995
#2	.6879148	167.2143	7.176423	61.55453	.2118980	-.008913
#3	.6852285	166.9350	7.172980	61.49294	.2046196	-.006913

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.517146	.2153813	2.719121	10.63387	F 28.46379	.0857983
Stddev	.354770	.0022473	.050739	.15479	.56394	.0044412
%RSD	14.09415	1.043413	1.866004	1.455661	1.981238	5.176318
#1	2.111847	.2138653	2.705978	10.55263	27.92611	.0908934
#2	2.668205	.2143153	2.676246	10.53661	29.05075	.0827463
#3	2.771385	.2179632	2.775138	10.81237	28.41452	.0837553

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-07 Acquired: 12/02/2024 22:08:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068487	4.163742	4.018562	.3655204	.9752055	.1096112
Stddev	.0005350	.084305	.052899	.0104544	.0020504	.0006899
%RSD	7.811198	2.024753	1.316367	2.860135	.2102572	.6293923
#1	.0064192	4.086584	3.957714	.3552509	.9749839	.1104051
#2	.0074480	4.253725	4.044350	.3761503	.9773577	.1091576
#3	.0066790	4.150915	4.053621	.3651600	.9732748	.1092710

Elem	Sr4077
Units	ppm
Avg	1.065991
Stddev	.001674
%RSD	.1570309
#1	1.064061
#2	1.067047
#3	1.066865

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1138.281	34118.71	6899.529	1003.414	1490.436
Stddev	12.966	449.89	62.944	17.659	28.470
%RSD	1.139119	1.318613	.9122982	1.759885	1.910163
#1	1151.010	34240.21	6971.243	1002.248	1516.954
#2	1125.090	34495.38	6853.434	1021.627	1460.351
#3	1138.744	33620.55	6873.909	986.366	1494.003

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-08 Acquired: 12/02/2024 22:13:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1038420	-.009899	3.338115	-.011748	.0082042	58.73220	.9778780
Stddev	.0088581	.005940	.022934	.002901	.0016620	.12357	.0012773
%RSD	8.530369	60.00906	.6870244	24.69704	20.25775	.2103896	.1306170
#1	.1108573	-.010055	3.364561	-.013250	.0067284	58.59541	.9770353
#2	.1067806	-.003882	3.323695	-.013591	.0078796	58.76546	.9793476
#3	.0938880	-.015760	3.326091	-.008404	.0100045	58.83574	.9772511

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045397	.0143031	200.0150	.1321889	.0841332	.3812487	157.4931
Stddev	.0002069	.0001585	.2477	.0071109	.0003565	.0025201	.4024
%RSD	4.557114	1.108269	.1238304	5.379382	.4237803	.6610045	.2554823
#1	.0045076	.0144735	199.8351	.1280261	.0844941	.3810210	157.2814
#2	.0047607	.0141601	199.9124	.1403996	.0841245	.3788501	157.2407
#3	.0043507	.0142757	200.2975	.1281409	.0837811	.3838748	157.9571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.886871	54.67544	.2184181	-.009300	1.520636	.1643556	1.489297
Stddev	.013216	.06555	.0025486	.002241	.163892	.0064460	.060953
%RSD	.1336739	.1198847	1.166862	24.10219	10.77786	3.921973	4.092750
#1	9.879181	54.66826	.2206712	-.010676	1.587055	.1602743	1.454988
#2	9.902132	54.61377	.2156520	-.006713	1.333960	.1610056	1.559672
#3	9.879301	54.74428	.2189310	-.010509	1.640894	.1717867	1.453231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.273759	8.095809	.0558495	.0045492	4.265278	3.233845	.0815872
Stddev	.067184	.054095	.0009682	.0000601	.031056	.016079	.0021992
%RSD	1.070879	.6681885	1.733637	1.320958	.7281175	.4972182	2.695497
#1	6.196720	8.155648	.0569600	.0046135	4.297659	3.215773	.0840451
#2	6.304378	8.050373	.0554062	.0044944	4.235743	3.246569	.0798056
#3	6.320180	8.081407	.0551823	.0045397	4.262433	3.239193	.0809109

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-08 Acquired: 12/02/2024 22:13:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.196177	.0536357	.4117620
Stddev	.002551	.0002814	.0004060
%RSD	.2132347	.5245887	.0985994
#1	1.193265	.0539010	.4115766
#2	1.198014	.0533406	.4122276
#3	1.197252	.0536655	.4114818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1113.476	32526.66	6578.677	965.2261	1609.459
Stddev	3.614	1076.84	23.122	30.7960	10.625
%RSD	.3246105	3.310633	.3514673	3.190550	.6601839
#1	1110.326	33126.34	6582.663	978.7303	1599.100
#2	1117.422	31283.49	6599.546	929.9850	1620.332
#3	1112.680	33170.14	6553.821	986.9630	1608.943

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-09 Acquired: 12/02/2024 22:17:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1143497	-.005450	3.624282	-.008050	.0082226	60.85015	1.042937
Stddev	.0106341	.002751	.083560	.002347	.0033498	.15354	.001569
%RSD	9.299621	50.48269	2.305549	29.15263	40.73864	.2523326	.1504656
#1	.1249976	-.006431	3.650747	-.010751	.0098662	60.97588	1.043848
#2	.1037295	-.002342	3.530695	-.006513	.0043685	60.67903	1.041125
#3	.1143221	-.007576	3.691405	-.006886	.0104330	60.89554	1.043838

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049788	.0152649	231.6157	.1287691	.0839100	.3976212	151.0729
Stddev	.0001426	.0001969	.6013	.0026627	.0020394	.0025224	.4216
%RSD	2.863510	1.290108	.2595913	2.067838	2.430509	.6343617	.2790894
#1	.0050266	.0152790	232.0273	.1261319	.0840952	.4004316	151.1910
#2	.0050913	.0150613	230.9257	.1287189	.0817843	.3968782	150.6048
#3	.0048185	.0154544	231.8941	.1314566	.0858506	.3955539	151.4228

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.587007	52.67360	.2181898	-.009750	1.744705	.1715941	1.482583
Stddev	.014665	.07608	.0053997	.000542	.341017	.0023998	.025637
%RSD	.1529649	.1444337	2.474765	5.560067	19.54584	1.398562	1.729232
#1	9.597155	52.71441	.2195036	-.010281	1.351140	.1730893	1.455162
#2	9.570193	52.58583	.2122545	-.009774	1.952557	.1728669	1.486632
#3	9.593672	52.72057	.2228113	-.009197	1.930419	.1688259	1.505954

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.759003	8.533216	.0448998	.0034982	3.277024	6.268782	.0794702
Stddev	.048788	.201322	.0007660	.0004049	.093829	.007676	.0024843
%RSD	.8471684	2.359270	1.705967	11.57550	2.863224	.1224504	3.126037
#1	5.812444	8.589927	.0446467	.0036329	3.312275	6.260608	.0788293
#2	5.716843	8.309621	.0457603	.0038186	3.170675	6.275837	.0773692
#3	5.747724	8.700099	.0442924	.0030431	3.348122	6.269902	.0822121

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-09 Acquired: 12/02/2024 22:17:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.268516	.0615522	.3162933
Stddev	.001650	.0009005	.0004278
%RSD	.1300871	1.463006	.1352569
#1	1.266643	.0623672	.3164823
#2	1.269149	.0605855	.3158036
#3	1.269756	.0617039	.3165941

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1123.036	33265.68	6635.233	983.6987	1602.577
Stddev	12.487	228.92	23.198	11.3866	30.726
%RSD	1.111854	.6881486	.3496182	1.157533	1.917286
#1	1118.944	33528.23	6608.580	993.2041	1590.096
#2	1137.055	33160.94	6646.253	986.8132	1637.580
#3	1113.110	33107.88	6650.868	971.0789	1580.056

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-13 Acquired: 12/02/2024 22:22:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1812708	-.007297	8.668486	-.001974	.0020980	62.67535
Stddev	.0031894	.001665	.082404	.004395	.0024861	.57487
%RSD	1.759444	22.81563	.9506117	222.6966	118.4977	.9172201
#1	.1775881	-.007451	8.594341	-.003705	.0009019	62.43191
#2	.1830948	-.008879	8.653912	.003024	.0004361	63.33189
#3	.1831294	-.005560	8.757204	-.005240	.0049560	62.26225

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.094323	.0054874	.0149800	29.44742	.2080413	.1025673
Stddev	.016971	.0001868	.0004375	.22741	.0006864	.0008908
%RSD	.8103254	3.403191	2.920268	.7722641	.3299168	.8685314
#1	2.092692	.0056899	.0146702	29.47785	.2075531	.1023003
#2	2.112050	.0054504	.0147895	29.65809	.2077447	.1018405
#3	2.078226	.0053220	.0154805	29.20633	.2088261	.1035611

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5756020	166.1700	12.28122	13.56265	.2163346	-.012605
Stddev	.0043512	1.5417	.10548	.15391	.0032792	.000314
%RSD	.7559376	.9278012	.8588378	1.134836	1.515808	2.488190
#1	.5754941	165.7749	12.28438	13.49125	.2136532	-.012818
#2	.5800061	167.8708	12.38509	13.73929	.2153600	-.012752
#3	.5713057	164.8642	12.17421	13.45740	.2199907	-.012245

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.473254	.1958354	2.080928	6.465196	F 14.40669	.0398514
Stddev	.240910	.0079951	.003188	.156731	.14094	.0025009
%RSD	16.35224	4.082589	.1531893	2.424219	.9782726	6.275484
#1	1.249385	.2047996	2.077317	6.451122	14.28473	.0375656
#2	1.442187	.1932650	2.082117	6.628489	14.37435	.0425226
#3	1.728191	.1894416	2.083351	6.315977	14.56099	.0394659

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-13 Acquired: 12/02/2024 22:22:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114282	3.093480	5.365835	.4115309	1.301130	.0460691
Stddev	.0006475	.039837	.053748	.0045194	.015387	.0012869
%RSD	5.665492	1.287786	1.001676	1.098197	1.182576	2.793323
#1	.0120322	3.052165	5.388052	.4073980	1.300014	.0458664
#2	.0107446	3.096622	5.404913	.4108378	1.317044	.0474453
#3	.0115078	3.131654	5.304540	.4163568	1.286331	.0448956

Elem	Sr4077
Units	ppm
Avg	.1446692
Stddev	.0012472
%RSD	.8621105
#1	.1441929
#2	.1460844
#3	.1437304

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1218.374	36445.06	6986.316	1074.632	1730.700
Stddev	6.690	91.17	65.853	2.789	14.218
%RSD	.5491085	.2501592	.9425990	.2595229	.8215430
#1	1224.770	36543.10	6968.001	1075.580	1744.348
#2	1218.929	36429.25	6931.560	1076.823	1731.780
#3	1211.424	36362.83	7059.388	1071.493	1715.973

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-14 Acquired: 12/02/2024 22:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1826793	-.003783	9.243980	.0030488	.0013503	67.59686
Stddev	.0048765	.002229	.017836	.0043908	.0036301	.37518
%RSD	2.669441	58.90524	.1929518	144.0171	268.8446	.5550202
#1	.1878830	-.001213	9.224036	.0025888	.0016516	67.54843
#2	.1819408	-.004966	9.258404	.0076514	.0048202	67.24824
#3	.1782142	-.005171	9.249498	-.001094	-.002421	67.99389

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.593216	.0055281	.0174150	26.66077	.2367012	.1115709
Stddev	.016300	.0001257	.0000453	.16053	.0038481	.0013632
%RSD	.6285777	2.274106	.2602271	.6021311	1.625701	1.221811
#1	2.591664	.0053833	.0174522	26.64501	.2324302	.1099971
#2	2.577747	.0055917	.0174282	26.50870	.2398979	.1123310
#3	2.610237	.0056093	.0173645	26.82860	.2377755	.1123846

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.494259	198.8649	14.57765	13.79563	.2248450	-.011565
Stddev	.012586	.7170	.09719	.09202	.0006662	.000675
%RSD	.8422589	.3605280	.6667356	.6670565	.2962773	5.838101
#1	1.486369	198.5883	14.54077	13.83934	.2247070	-.012232
#2	1.487635	198.3275	14.50430	13.68990	.2255694	-.010882
#3	1.508774	199.6790	14.68789	13.85766	.2242587	-.011582

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.550712	.2151270	2.678053	7.264492	F 13.05942	.0429989
Stddev	.246904	.0022007	.040216	.225450	.02762	.0020885
%RSD	15.92196	1.022982	1.501693	3.103449	.2114962	4.857177
#1	1.454661	.2169251	2.635160	7.220413	13.03259	.0453140
#2	1.831207	.2157831	2.714909	7.064338	13.05791	.0424266
#3	1.366268	.2126729	2.684091	7.508726	13.08777	.0412562

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-14 Acquired: 12/02/2024 22:26:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115793	2.977939	5.551820	.6187866	1.363353	.0523407
Stddev	.0003575	.005220	.017031	.0005163	.004441	.0003120
%RSD	3.087144	.1752997	.3067592	.0834345	.3257544	.5961399
#1	.0118133	2.979275	5.555307	.6186741	1.365127	.0520337
#2	.0111679	2.972180	5.533315	.6193498	1.358300	.0523309
#3	.0117568	2.982361	5.566837	.6183358	1.366634	.0526575

Elem	Sr4077
Units	ppm
Avg	.1649264
Stddev	.0010872
%RSD	.6592216
#1	.1646910
#2	.1639762
#3	.1661121

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1197.612	35516.22	6813.103	1058.986	1745.789
Stddev	5.097	327.20	25.891	15.187	4.533
%RSD	.4255799	.9212577	.3800113	1.434090	.2596475
#1	1201.060	35826.38	6812.366	1074.342	1750.482
#2	1191.757	35174.31	6839.353	1043.974	1741.435
#3	1200.018	35547.98	6787.588	1058.640	1745.449

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-15 Acquired: 12/02/2024 22:30:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0586824	-.008235	.5034302	-.012659	.0045916	67.84122	.6056244
Stddev	.0022300	.001895	.0023913	.003204	.0028038	.08371	.0006425
%RSD	3.800053	23.01479	.4750096	25.30927	61.06311	.1233863	.1060927
#1	.0608156	-.006655	.5042080	-.009779	.0075905	67.74706	.6056688
#2	.0563669	-.010336	.5007467	-.016110	.0041488	67.90722	.6062436
#3	.0588647	-.007713	.5053357	-.012088	.0020356	67.86937	.6049609

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040819	.0098169	191.0649	.1104460	.0736660	.1760339	161.5245
Stddev	.0001342	.0002134	.3390	.0010124	.0001294	.0006017	.2379
%RSD	3.286685	2.173443	.1774501	.9166520	.1756887	.3417954	.1473041
#1	.0042066	.0099952	190.6735	.1101712	.0738040	.1765989	161.2676
#2	.0039399	.0095805	191.2667	.1095994	.0735474	.1761016	161.7374
#3	.0040990	.0098748	191.2546	.1115675	.0736466	.1754013	161.5684

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.355868	86.72532	.1796669	-.011004	1.459019	.1681691	.7224107
Stddev	.006515	.43149	.0016283	.000482	.215194	.0026147	.0041236
%RSD	.1216431	.4975329	.9062941	4.377027	14.74919	1.554785	.5708106
#1	5.357968	86.23106	.1779664	-.011496	1.696632	.1651951	.7268345
#2	5.361075	86.91806	.1812119	-.010983	1.277258	.1701068	.7186735
#3	5.348562	87.02685	.1798223	-.010534	1.403167	.1692054	.7217241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21146	6.988766	.0470411	.0031578	4.574568	5.862253	.0145309
Stddev	.07951	.025234	.0015664	.0001917	.013539	.020061	.0017760
%RSD	.7786695	.3610599	3.329921	6.071609	.2959666	.3422127	12.22229
#1	10.23260	6.965955	.0465883	.0031735	4.564276	5.881568	.0164566
#2	10.12351	7.015871	.0487840	.0029588	4.589905	5.863672	.0141789
#3	10.27826	6.984470	.0457509	.0033413	4.569521	5.841520	.0129573

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-15 Acquired: 12/02/2024 22:30:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.316311	.0664349	.2262708
Stddev	.001032	.0014928	.0003715
%RSD	.0784090	2.246965	.1641982
#1	1.316313	.0647320	.2260476
#2	1.315278	.0670553	.2266997
#3	1.317342	.0675175	.2260651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1092.098	32365.80	6402.770	966.6889	1592.949
Stddev	.818	58.24	10.077	3.0808	1.079
%RSD	.0748725	.1799557	.1573786	.3186972	.0677492
#1	1091.679	32430.26	6412.228	964.5675	1591.776
#2	1093.040	32350.22	6392.172	970.2226	1593.171
#3	1091.574	32316.94	6403.912	965.2764	1593.900

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-16 Acquired: 12/02/2024 22:35:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0736342	-.006319	.5825218	-.000557	.0050021	71.09261	.6503936
Stddev	.0033855	.005029	.0006563	.006828	.0015389	.28365	.0008509
%RSD	4.597736	79.57822	.1126676	1226.034	30.76569	.3989913	.1308285
#1	.0733768	-.004093	.5828865	-.002695	.0067266	71.34847	.6513300
#2	.0771411	-.002788	.5817641	.007084	.0045114	70.78759	.6501831
#3	.0703848	-.012077	.5829147	-.006060	.0037684	71.14178	.6496677

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046148	.0101807	214.6367	.1164412	.0793438	.1902869	167.5970
Stddev	.0002069	.0001795	.3138	.0007000	.0008171	.0031835	.6153
%RSD	4.483050	1.762955	.1462063	.6011741	1.029888	1.672985	.3671012
#1	.0047740	.0101855	214.9974	.1170368	.0802551	.1881264	168.1545
#2	.0043809	.0103578	214.4263	.1156701	.0786764	.1939427	166.9369
#3	.0046895	.0099989	214.4863	.1166166	.0790999	.1887916	167.6996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.355074	90.04686	.1950996	-.011436	1.513444	.1766640	.7613797
Stddev	.007699	.54115	.0008842	.000570	.182659	.0036512	.0045304
%RSD	.1437699	.6009626	.4532060	4.981181	12.06911	2.066756	.5950292
#1	5.363194	90.47668	.1959172	-.011644	1.577482	.1729527	.7564693
#2	5.347879	89.43916	.1941612	-.010792	1.655462	.1802521	.7653972
#3	5.354149	90.22475	.1952205	-.011873	1.307388	.1767871	.7622726

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.462799	6.101894	.0450815	.0026276	4.496661	5.966978	.0145706
Stddev	.083152	.010186	.0025414	.0004813	.011288	.039549	.0066311
%RSD	.9825601	.1669325	5.637435	18.31738	.2510201	.6627920	45.51033
#1	8.525194	6.092590	.0467483	.0029482	4.508111	5.985004	.0181475
#2	8.494803	6.112778	.0421564	.0028604	4.485543	5.921627	.0069190
#3	8.368400	6.100315	.0463398	.0020741	4.496329	5.994301	.0186452

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-16 Acquired: 12/02/2024 22:35:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.340913	.0677132	.2614112
Stddev	.004267	.0011577	.0008875
%RSD	.3181795	1.709675	.3394875
#1	1.345787	.0678512	.2618359
#2	1.339102	.0687958	.2603912
#3	1.337851	.0664928	.2620064

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1095.177	32449.04	6437.796	965.5964	1593.953
Stddev	3.829	126.03	22.061	8.7117	6.305
%RSD	.3496448	.3883879	.3426782	.9022140	.3955323
#1	1091.074	32433.65	6418.744	967.3718	1587.102
#2	1095.803	32331.42	6461.966	956.1338	1595.245
#3	1098.655	32582.06	6432.678	973.2838	1599.511

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-17 Acquired: 12/02/2024 22:39:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1246561	-.012969	1.159531	-.000510	.0067763	71.10567	.7393686
Stddev	.0066516	.003899	.017317	.009746	.0028849	.03967	.0018054
%RSD	5.335978	30.06525	1.493461	1912.104	42.57299	.0557886	.2441851
#1	.1321818	-.013006	1.144102	.005848	.0054016	71.10528	.7411733
#2	.1222227	-.016850	1.156230	.004353	.0100914	71.14554	.7393700
#3	.1195639	-.009052	1.178261	-.011730	.0048358	71.06620	.7375624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047164	.0132212	338.8592	.1168537	.0819511	.2479372	189.8184
Stddev	.0001314	.0002956	.3199	.0062127	.0026534	.0012803	.1191
%RSD	2.786337	2.235469	.0944016	5.316635	3.237823	.5163852	.0627585
#1	.0048526	.0129735	339.2205	.1108283	.0813207	.2465149	189.7450
#2	.0045904	.0131417	338.7447	.1232381	.0796697	.2482989	189.9558
#3	.0047063	.0135484	338.6123	.1164946	.0848630	.2489977	189.7543

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.142677	122.0939	.2045735	-.008869	2.086209	.1790316	.9946286
Stddev	.002728	.2496	.0030495	.003472	.140494	.0054917	.0585281
%RSD	.0444123	.2044579	1.490636	39.14196	6.734419	3.067446	5.884417
#1	6.143604	121.9952	.2021698	-.011898	2.248399	.1727076	.9443608
#2	6.139606	122.3778	.2035470	-.005081	2.008176	.1817892	1.058883
#3	6.144820	121.9088	.2080038	-.009629	2.002052	.1825981	.980642

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.400999	5.996438	.0436942	.0030592	5.341566	5.913294	.0439384
Stddev	.059203	.090296	.0041921	.0004907	.089055	.023308	.0009291
%RSD	.7999334	1.505832	9.594065	16.04067	1.667203	.3941624	2.114601
#1	7.335563	5.922230	.0469896	.0034645	5.281220	5.896866	.0441742
#2	7.416580	5.970112	.0389759	.0025136	5.299632	5.939971	.0447269
#3	7.450853	6.096971	.0451170	.0031996	5.443847	5.903047	.0429141

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-17 Acquired: 12/02/2024 22:39:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.477006	.0720666	.4414386
Stddev	.005509	.0007338	.0004351
%RSD	.3729785	1.018170	.0985727
#1	1.471448	.0719596	.4412297
#2	1.482465	.0728480	.4419388
#3	1.477104	.0713923	.4411474

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1059.764	31233.67	6325.133	922.9464	1524.723
Stddev	8.668	1560.67	16.553	47.6188	20.098
%RSD	.8178857	4.996755	.2617018	5.159436	1.318137
#1	1065.741	32630.60	6313.049	964.8274	1538.209
#2	1063.727	29549.24	6344.000	871.1508	1534.336
#3	1049.823	31521.17	6318.351	932.8611	1501.624

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-18 Acquired: 12/02/2024 22:43:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1374676	-.012522	.4387841	-.014010	.0021194	96.96336	1.220491
Stddev	.0045088	.003038	.0143243	.008483	.0025981	1.86382	.027972
%RSD	3.279919	24.25892	3.264533	60.54861	122.5863	1.922191	2.291846
#1	.1325168	-.015756	.4426668	-.013726	.0032670	96.65147	1.217934
#2	.1413381	-.009728	.4507668	-.022631	.0039461	98.96345	1.249653
#3	.1385480	-.012082	.4229188	-.005672	-.000855	95.27516	1.193885

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062437	.0165998	790.9689	.1388614	.1043609	.2362366	207.0133
Stddev	.0003176	.0008086	11.6053	.0022124	.0042951	.0060390	3.8757
%RSD	5.086265	4.870930	1.467230	1.593265	4.115661	2.556343	1.872216
#1	.0060169	.0169023	783.7511	.1380880	.1061295	.2341416	205.8897
#2	.0066066	.0172136	804.3559	.1371396	.1074894	.2430441	211.3266
#3	.0061076	.0156837	784.7997	.1413568	.0994639	.2315240	203.8234

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.992617	305.2271	.2278369	-.001856	2.101347	.2065919	1.448246
Stddev	.167279	5.8006	.0038256	.001081	.093206	.0016842	.023541
%RSD	2.392217	1.900434	1.679083	58.22051	4.435556	.8152475	1.625472
#1	6.964737	303.5286	.2306784	-.002323	2.014696	.2046630	1.431349
#2	7.172084	311.6874	.2293451	-.002625	2.199955	.2073416	1.438255
#3	6.841030	300.4654	.2234871	-.000620	2.089390	.2077712	1.475135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.320679	4.294670	.0535841	.0028718	5.784038	6.470914	.0083242
Stddev	.276850	.130559	.0060497	.0010069	.165392	.111556	.0013522
%RSD	3.327252	3.040030	11.29003	35.06292	2.859456	1.723953	16.24446
#1	8.240998	4.357734	.0589815	.0038415	5.884301	6.430018	.0076791
#2	8.628631	4.381724	.0547258	.0018314	5.874672	6.597145	.0074154
#3	8.092407	4.144550	.0470449	.0029424	5.593140	6.385577	.0098782

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-18 Acquired: 12/02/2024 22:43:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.012331	.1273467	.7858054
Stddev	.017243	.0042824	.0162931
%RSD	1.703299	3.362822	2.073423
#1	1.007729	.1260792	.7837761
#2	1.031409	.1321198	.8030181
#3	.997856	.1238411	.7706221

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1008.912	29535.85	6053.441	872.1720	1415.651
Stddev	24.506	317.67	107.238	11.3702	41.690
%RSD	2.428959	1.075539	1.771514	1.303668	2.944932
#1	997.361	29787.56	6090.322	881.2113	1394.849
#2	992.316	29641.06	5932.630	875.8986	1388.455
#3	1037.059	29178.92	6137.371	859.4061	1463.649

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-19 Acquired: 12/02/2024 22:48:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515608	-.020540	.3103879	-.013700	.0085124	129.0025	1.708623
Stddev	.0051400	.004040	.0014345	.001334	.0005951	.8131	.011166
%RSD	9.968764	19.66971	.4621566	9.738467	6.991034	.6302813	.6535285
#1	.0479179	-.018171	.3101011	-.015124	.0082436	129.8306	1.721419
#2	.0493243	-.018243	.3091185	-.013499	.0091945	128.2053	1.700854
#3	.0574401	-.025204	.3119441	-.012478	.0080991	128.9715	1.703595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076835	.0174401	618.3208	.1801387	.1173396	.2751023	244.2885
Stddev	.0001091	.0002127	3.1309	.0004174	.0001759	.0013557	1.5530
%RSD	1.419457	1.219881	.5063631	.2317151	.1499305	.4927845	.6357124
#1	.0076039	.0172274	615.9901	.1799194	.1171365	.2738458	245.8085
#2	.0078078	.0174401	617.0926	.1798767	.1174438	.2765391	242.7045
#3	.0076388	.0176529	621.8796	.1806201	.1174386	.2749221	244.3525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.059342	176.1070	.2925640	-.009843	2.125144	.2417376	1.407447
Stddev	.037564	1.3179	.0029254	.000491	.364470	.0056684	.007901
%RSD	.7424623	.7483467	.9999105	4.991672	17.15036	2.344837	.5613658
#1	5.102518	177.4074	.2931553	-.009855	2.022970	.2362685	1.415956
#2	5.034165	174.7723	.2951485	-.009346	2.529797	.2413583	1.406042
#3	5.041343	176.1411	.2893881	-.010328	1.822666	.2475861	1.400343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.586944	5.001225	.0541552	.0032355	3.543948	4.149705	.0050780
Stddev	.118353	.012141	.0013750	.0004822	.024493	.028793	.0008241
%RSD	1.796787	.2427605	2.538942	14.90243	.6911276	.6938498	16.22961
#1	6.694106	5.010241	.0557208	.0029229	3.555395	4.175944	.0048016
#2	6.459914	5.006014	.0531442	.0029927	3.560623	4.118904	.0044276
#3	6.606812	4.987420	.0536005	.0037907	3.515827	4.154269	.0060048

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-19 Acquired: 12/02/2024 22:48:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHY9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.178360	.1767483	1.112174
Stddev	.007276	.0011699	.007471
%RSD	.6174629	.6619310	.6717637
#1	1.184609	.1778361	1.120682
#2	1.170372	.1755106	1.106682
#3	1.180100	.1768981	1.109158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1030.475	30746.22	6286.965	908.4266	1441.802
Stddev	2.036	76.12	43.508	7.3039	4.737
%RSD	.1975754	.2475666	.6920272	.8040137	.3285566
#1	1029.994	30658.78	6249.167	900.2200	1440.467
#2	1028.723	30797.64	6334.524	910.8460	1437.876
#3	1032.709	30782.24	6277.203	914.2137	1447.064

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-20 Acquired: 12/02/2024 22:53:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361120	-.017504	.3107885	-.013230	.0107704	138.0658	1.810484
Stddev	.0063760	.004829	.0024914	.004996	.0038261	.0797	.002080
%RSD	17.65624	27.58543	.8016517	37.76328	35.52427	.0577517	.1149014
#1	.0425031	-.015109	.3081103	-.009750	.0135261	138.0012	1.812463
#2	.0297512	-.014342	.3112178	-.018955	.0064020	138.0413	1.810674
#3	.0360817	-.023063	.3130374	-.010985	.0123832	138.1549	1.808316

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079503	.0166557	498.4201	.1818508	.1219828	.2751133	259.7530
Stddev	.0001832	.0004500	.6376	.0148185	.0020592	.0018504	.2003
%RSD	2.304813	2.701844	.1279310	8.148731	1.688095	.6726085	.0771115
#1	.0080579	.0163773	497.6838	.1896068	.1226820	.2731768	259.5291
#2	.0080542	.0164150	498.7829	.1911815	.1196651	.2752994	259.8147
#3	.0077387	.0171749	498.7934	.1647640	.1236014	.2768636	259.9152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.293381	101.3021	.3038982	-.015950	2.137424	.2639705	1.232605
Stddev	.007337	.0860	.0026367	.004884	.098315	.0009291	.093961
%RSD	.1709010	.0849153	.8676185	30.62162	4.599698	.3519549	7.622936
#1	4.286942	101.2389	.3048782	-.013342	2.155243	.2646531	1.280830
#2	4.301370	101.4001	.3009118	-.012924	2.031418	.2643460	1.292661
#3	4.291832	101.2674	.3059045	-.021585	2.225611	.2629125	1.124324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.994939	4.559612	.0580203	.0034068	1.516000	6.635492	.0098256
Stddev	.128670	.047322	.0038810	.0011749	.006507	.051241	.0039867
%RSD	2.146308	1.037852	6.688992	34.48660	.4292135	.7722257	40.57511
#1	5.922135	4.591761	.0593632	.0047516	1.518527	6.654722	.0079256
#2	6.143504	4.505272	.0536463	.0028894	1.508609	6.674336	.0144070
#3	5.919177	4.581802	.0610516	.0025793	1.520865	6.577418	.0071443

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-20 Acquired: 12/02/2024 22:53:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHZ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.187391	.1878628	1.260729
Stddev	.003005	.0008783	.000977
%RSD	.2530793	.4674937	.0775128
#1	1.190165	.1880601	1.259631
#2	1.187809	.1869027	1.261051
#3	1.184199	.1886256	1.261505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1044.822	32484.82	6353.065	958.4165	1493.063
Stddev	5.578	2254.85	15.721	67.9285	14.168
%RSD	.5338840	6.941253	.2474601	7.087573	.9489172
#1	1042.754	31240.91	6364.864	921.8719	1485.300
#2	1051.138	31125.91	6359.113	916.5835	1509.416
#3	1040.573	35087.66	6335.218	1036.794	1484.474

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-21 Acquired: 12/02/2024 22:57:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0540629	-.012633	.3410864	-.019892	.0073056	107.2921	1.415241
Stddev	.0043803	.004446	.0065406	.006131	.0025408	.5638	.010200
%RSD	8.102211	35.19358	1.917563	30.81934	34.77886	.5254686	.7207263
#1	.0500407	-.008319	.3335342	-.023693	.0076000	107.6705	1.420595
#2	.0534181	-.012380	.3448166	-.023163	.0046304	107.5617	1.421649
#3	.0587298	-.017201	.3449084	-.012819	.0096864	106.6442	1.403478

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068116	.0138171	647.9484	.1499890	.1041550	.2503333	210.4416
Stddev	.0000962	.0002414	.9663	.0023022	.0025587	.0013387	.6262
%RSD	1.412992	1.747391	.1491307	1.534927	2.456665	.5347758	.2975875
#1	.0069132	.0138770	649.0118	.1476684	.1036282	.2512472	210.8017
#2	.0067999	.0135513	647.7094	.1522723	.1069362	.2509562	210.8046
#3	.0067218	.0140229	647.1240	.1500264	.1019007	.2487967	209.7185

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.526127	200.7570	.2443345	-.005875	2.232797	.2102915	1.034002
Stddev	.049650	1.0058	.0009152	.000633	.236584	.0048637	.008080
%RSD	1.096958	.5010264	.3745637	10.76759	10.59586	2.312837	.7813843
#1	4.554620	201.3230	.2448654	-.006553	1.998969	.2153119	1.028627
#2	4.554965	201.3524	.2448603	-.005300	2.227376	.2099614	1.043294
#3	4.468797	199.5957	.2432777	-.005773	2.472044	.2056013	1.030086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.700224	4.122439	.0722832	.0032326	2.927160	6.957376	.0096744
Stddev	.035777	.016867	.0011958	.0005995	.012223	.034599	.0025979
%RSD	.5339599	.4091414	1.654367	18.54527	.4175759	.4972938	26.85310
#1	6.728473	4.124441	.0711769	.0031179	2.916547	6.963815	.0071386
#2	6.712204	4.138216	.0721208	.0038811	2.940524	6.988302	.0123302
#3	6.659995	4.104661	.0735520	.0026987	2.924410	6.920010	.0095544

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-21 Acquired: 12/02/2024 22:57:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHZ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9565582	.1469916	.9314929
Stddev	.0029904	.0007380	.0068366
%RSD	.3126152	.5020517	.7339418
#1	.9568259	.1466574	.9364470
#2	.9594057	.1478375	.9343388
#3	.9534430	.1464798	.9236931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1009.936	30282.69	6164.322	888.8660	1449.087
Stddev	1.748	355.03	35.053	6.0813	5.252
%RSD	.1731290	1.172378	.5686404	.6841646	.3624012
#1	1011.331	30623.65	6134.981	890.2914	1449.205
#2	1007.975	29915.10	6154.846	882.1986	1443.777
#3	1010.503	30309.31	6203.138	894.1080	1454.278

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-22 Acquired: 12/02/2024 23:02:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123988	-.010947	5.782032	-.008681	.0107594	77.61467
Stddev	.0016795	.005606	.025278	.006579	.0041155	.13697
%RSD	1.494268	51.21526	.4371903	75.78531	38.25063	.1764729
#1	.1127680	-.016326	5.768787	-.001924	.0070796	77.77273
#2	.1105654	-.011376	5.766127	-.015066	.0099950	77.53081
#3	.1138631	-.005138	5.811180	-.009053	.0152035	77.54047

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.881980	.0052689	.0350333	191.6050	.1737905	.0914018
Stddev	.006285	.0001886	.0001691	.2845	.0039093	.0006140
%RSD	.2180772	3.579750	.4825947	.1484661	2.249402	.6717477
#1	2.889154	.0050513	.0351883	191.9326	.1728185	.0921036
#2	2.879340	.0053860	.0348530	191.4212	.1704590	.0909638
#3	2.877446	.0053694	.0350586	191.4611	.1780941	.0911378

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F 34.16380	158.0226	8.671782	36.52603	.2161560	-.000659
Stddev	.03603	.2619	.012484	.06887	.0008634	.000676
%RSD	.1054494	.1657622	.1439634	.1885485	.3994288	102.6575
#1	34.20540	158.2792	8.686157	36.50027	.2158827	-.000576
#2	34.14317	157.7556	8.663665	36.47375	.2154622	-.001372
#3	34.14283	158.0328	8.665522	36.60406	.2171229	-.000027

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.193951	.2254502	5.031354	11.24844	F 24.74192	.0697764
Stddev	.268449	.0023328	.070241	.07710	.03957	.0029003
%RSD	12.23586	1.034744	1.396057	.6854026	.1599188	4.156505
#1	2.394829	.2235452	5.017061	11.17649	24.74091	.0724116
#2	2.297964	.2280521	4.969360	11.23903	24.70287	.0702485
#3	1.889060	.2247534	5.107642	11.32982	24.78199	.0666690

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4939-22 Acquired: 12/02/2024 23:02:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHZ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096972	3.866469	5.998259	.2524119	1.287584	.0752858
Stddev	.0003747	.014315	.026924	.0018636	.003661	.0015002
%RSD	3.863935	.3702424	.4488586	.7383148	.2843090	1.992648
#1	.0093188	3.868991	5.987550	.2509981	1.288740	.0768198
#2	.0100681	3.851060	5.978338	.2545237	1.290527	.0752158
#3	.0097047	3.879355	6.028890	.2517138	1.283485	.0738219

Elem	Sr4077
Units	ppm
Avg	.4756079
Stddev	.0009103
%RSD	.1913958
#1	.4766381
#2	.4749124
#3	.4752730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1168.650	35055.35	6922.767	1041.826	1615.837
Stddev	.852	385.02	11.033	11.450	2.391
%RSD	.0729000	1.098329	.1593668	1.099072	.1479946
#1	1169.431	35057.01	6922.742	1043.329	1618.548
#2	1168.778	35439.54	6933.812	1052.452	1614.931
#3	1167.741	34669.50	6911.746	1029.699	1614.030

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV075 Acquired: 12/02/2024 23:06:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.356150	5.104113	24.62797	4.930313	4.710762	398.4206
Stddev	.005174	.024630	.03178	.007983	.009494	3.9267
%RSD	.0966081	.4825574	.1290364	.1619126	.2015404	.9855628
#1	5.362081	5.084992	24.60019	4.922319	4.713655	394.4331
#2	5.352558	5.095441	24.62111	4.930337	4.700158	402.2835
#3	5.353810	5.131907	24.66262	4.938284	4.718473	398.5453

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.953549	.5159514	2.610591	402.4606	15.28819	2.489543
Stddev	.076343	.0028823	.006682	3.1821	.04361	.006066
%RSD	.7669923	.5586360	.2559624	.7906614	.2852400	.2436617
#1	9.921429	.5154125	2.606248	400.8533	15.33808	2.484023
#2	10.04070	.5190651	2.607240	406.1258	15.25733	2.488568
#3	9.89851	.5133766	2.618285	400.4028	15.26916	2.496037

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.83665	405.1787	14.64331	420.6258	2.457267	1.246283
Stddev	.10657	2.7700	.11473	3.4120	.007345	.005998
%RSD	.7182819	.6836399	.7835016	.8111788	.2989101	.4812467
#1	14.81358	405.0473	14.60380	420.4484	2.450241	1.251550
#2	14.95286	408.0120	14.77258	424.1230	2.456665	1.239755
#3	14.74350	402.4768	14.55356	417.3059	2.464894	1.247542

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	401.6485	2.485037	14.25119	151.9548	5.024084	F 4.399625
Stddev	2.7391	.012724	.04217	.9308	.030598	.026216
%RSD	.6819762	.5120148	.2959085	.6125551	.6090183	.5958595
#1	402.0771	2.493792	14.21664	151.7926	4.988834	4.399150
#2	404.1480	2.490877	14.23874	152.9560	5.043778	4.426074
#3	398.7203	2.470441	14.29818	151.1157	5.039640	4.373650

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV075 Acquired: 12/02/2024 23:06:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV075 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803605	4.969248	F 3.458479	4.993325	4.999973	4.841489
Stddev	.006497	.023915	.014341	.007359	.038564	.038661
%RSD	.1352593	.4812641	.4146600	.1473673	.7712807	.7985355
#1	4.799302	4.971484	3.454677	4.996013	4.992925	4.830930
#2	4.800435	4.944294	3.474338	4.985000	5.041574	4.884333
#3	4.811079	4.991967	3.446422	4.998961	4.965419	4.809205

Elem	Sr4077
Units	ppm
Avg	4.917421
Stddev	.017647
%RSD	.3588768
#1	4.897050
#2	4.928055
#3	4.927159

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	820.9041	26146.91	5418.165	682.2331	1346.749
Stddev	1.7568	27.62	34.181	2.9079	3.474
%RSD	.2140124	.1056294	.6308575	.4262299	.2579817
#1	821.6670	26115.03	5444.787	685.2305	1349.491
#2	822.1506	26163.49	5379.619	682.0451	1347.914
#3	818.8948	26162.21	5430.089	679.4238	1342.842

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB075 Acquired: 12/02/2024 23:10:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069030	-.000366	-.000545	-.001984	.0009530	.0517103	.0005749
Stddev	.0069782	.002163	.001018	.010507	.0014977	.0094073	.0003395
%RSD	101.0889	590.7496	186.9671	529.5496	157.1541	18.19233	59.05076
#1	.0032926	.000553	-.000781	-.013807	-.000257	.0429918	.0008825
#2	.0024697	.001186	.000571	.001566	.002628	.0616810	.0006314
#3	.0149467	-.002836	-.001424	.006289	.000487	.0504580	.0002107

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000382	.0000076	.0120613	.0007484	.0000176	.0008008	.0066137
Stddev	.0001033	.0000493	.0022212	.0008435	.0005112	.0033555	.0116952
%RSD	270.4548	648.3958	18.41580	112.7108	2905.743	419.0073	176.8317
#1	.0001557	-.000029	.0108344	.0015646	-.000158	.0005364	-.006487
#2	-.000002	.000064	.0146253	-.000120	.000593	-.002415	.010324
#3	-.000039	-.000012	.0107243	.000801	-.000382	.004281	.016003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009790	.0030146	.0002005	.0011173	.2212924	-.001310	.0002744
Stddev	.0004522	.0373638	.0002072	.0010317	.4932363	.006767	.0001334
%RSD	46.18357	1239.418	103.3174	92.33326	222.8890	516.6273	48.62077
#1	.0007074	.0411998	.0004089	.0007986	-.250822	-.008316	.0004129
#2	.0015010	.0013138	.0001980	.0002827	.733236	-.000802	.0002635
#3	.0007287	-.033470	-.000005	.0022708	.181464	.005189	.0001468

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.153594	-.001253	-.001851	.0003497	.0003732	.0012061	-.000503
Stddev	.192349	.003960	.001146	.0008798	.0013179	.0000632	.001285
%RSD	125.2324	315.9430	61.90016	251.6197	353.1746	5.240344	255.4061
#1	-.375496	.002450	-.000803	.0012886	-.000344	.0012789	-.001051
#2	-.034409	-.000783	-.003074	-.000456	.001894	.0011664	-.001424
#3	-.050876	-.005427	-.001676	.000216	-.000431	.0011728	.000965

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB075 Acquired: 12/02/2024 23:10:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB075 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0016631	-.007100	.0001674
Stddev	.0013249	.000766	.0000814
%RSD	79.66540	10.78700	48.61340
#1	.0012876	-.007934	.0002574
#2	.0005665	-.006428	.0000988
#3	.0031353	-.006939	.0001462

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1014.320	29710.43	5523.980	894.7882	1878.449
Stddev	5.862	495.37	65.838	13.7060	9.074
%RSD	.5778777	1.667335	1.191852	1.531763	.4830416
#1	1012.762	29838.21	5597.071	900.0349	1876.726
#2	1009.394	30129.40	5505.539	905.0958	1870.360
#3	1020.803	29163.69	5469.329	879.2339	1888.260

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-01 Acquired: 12/02/2024 23:15:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2481749	-.010220	3.141775	.0007836	.0057428	76.06615
Stddev	.0091333	.002879	.010043	.0052584	.0050120	.04167
%RSD	3.680189	28.17296	.3196634	671.0842	87.27477	.0547776
#1	.2586979	-.011513	3.140841	-.003727	.0043554	76.10543
#2	.2435182	-.006921	3.132231	-.000482	.0015707	76.02245
#3	.2423085	-.012226	3.152252	.006559	.0113025	76.07057

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.285272	.0052604	.0180121	107.8301	.3001755	.1270686
Stddev	.001814	.0000451	.0002024	.1384	.0080578	.0005724
%RSD	.0793647	.8580617	1.123619	.1283251	2.684345	.4505053
#1	2.284747	.0053125	.0182449	107.7341	.2911261	.1277201
#2	2.287290	.0052355	.0179128	107.9887	.3065732	.1268390
#3	2.283778	.0052332	.0178785	107.7675	.3028274	.1266465

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5691731	206.2031	16.69431	38.80517	.2376381	-.016623
Stddev	.0027442	.2086	.02470	.24238	.0004690	.001437
%RSD	.4821359	.1011778	.1479458	.6245965	.1973442	8.641646
#1	.5681047	206.0681	16.70774	38.53075	.2376440	-.017960
#2	.5671238	206.4434	16.70938	38.98997	.2381041	-.015105
#3	.5722908	206.0979	16.66580	38.89480	.2371662	-.016804

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.163703	.2313266	2.112989	13.12988	F 21.59122	.0706954
Stddev	.279006	.0031209	.055940	.02157	.05653	.0022965
%RSD	12.89485	1.349124	2.647426	.1642781	.2617970	3.248428
#1	2.055791	.2329098	2.051234	13.10534	21.65551	.0711743
#2	2.480548	.2277315	2.160268	13.13850	21.56882	.0727147
#3	1.954770	.2333386	2.127465	13.14582	21.54932	.0681972

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-01 Acquired: 12/02/2024 23:15:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089703	5.080601	5.738233	.1701967	1.589257	.0800817
Stddev	.0008180	.020054	.024275	.0019390	.001140	.0007291
%RSD	9.119619	.3947103	.4230357	1.139242	.0717128	.9103906
#1	.0080947	5.059355	5.714368	.1691398	1.588133	.0808083
#2	.0097151	5.083250	5.762898	.1724345	1.589227	.0800867
#3	.0091010	5.099199	5.737434	.1690159	1.590412	.0793502

Elem	Sr4077
Units	ppm
Avg	.2831237
Stddev	.0006307
%RSD	.2227600
#1	.2838245
#2	.2829450
#3	.2826016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1181.667	34827.25	6909.833	1028.755	1653.121
Stddev	4.463	743.21	25.094	21.387	4.480
%RSD	.3776554	2.133975	.3631675	2.078949	.2710096
#1	1176.684	35604.18	6890.172	1051.741	1649.292
#2	1183.020	34123.13	6901.230	1009.441	1652.023
#3	1185.297	34754.45	6938.097	1025.085	1658.048

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-02 Acquired: 12/02/2024 23:19:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2293216	-.009421	3.803218	-.003132	.0071282	81.04107
Stddev	.0104024	.002851	.016957	.007588	.0021173	4.20065
%RSD	4.536150	30.26477	.4458710	242.3079	29.70283	5.183357
#1	.2202742	-.007197	3.822536	.001095	.0050092	82.70587
#2	.2406877	-.008429	3.796331	.001402	.0071317	76.26319
#3	.2270031	-.012635	3.790788	-.011892	.0092438	84.15414

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.426817	.0059117	.0198338	99.60246	.3021622	.1306913
Stddev	.123651	.0002301	.0005107	4.94731	.0086997	.0007067
%RSD	5.095173	3.891703	2.574894	4.967060	2.879154	.5407605
#1	2.474219	.0058274	.0194668	101.4955	.2927956	.1313892
#2	2.286479	.0057357	.0204170	93.9882	.3099896	.1307085
#3	2.519753	.0061721	.0196175	103.3237	.3037015	.1299761

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5749125	211.6868	17.06030	38.79197	.2561323	-.020391
Stddev	.0313188	10.9109	.86748	1.91368	.0017216	.001837
%RSD	5.447581	5.154246	5.084817	4.933180	.6721587	9.008812
#1	.5910223	216.0159	17.42621	39.49628	.2577892	-.022134
#2	.5388179	199.2757	16.06981	36.62595	.2543526	-.018473
#3	.5948972	219.7688	17.68487	40.25369	.2562550	-.020564

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.095656	.2468095	2.084602	10.39046	F 21.45899	.0738897
Stddev	.173062	.0114418	.058697	.58880	.05675	.0061744
%RSD	8.258122	4.635869	2.815760	5.666722	.2644751	8.356277
#1	2.255199	.2515735	2.021282	10.66897	21.52314	.0772155
#2	1.911673	.2337555	2.137199	9.71408	21.41532	.0667653
#3	2.120095	.2550995	2.095323	10.78834	21.43851	.0776883

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-02 Acquired: 12/02/2024 23:19:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080322	4.751625	5.835313	.1533172	1.378046	.0807186
Stddev	.0002820	.010632	.200891	.0015934	.071291	.0071872
%RSD	3.510833	.2237629	3.442674	1.039249	5.173374	8.904033
#1	.0080614	4.748166	5.873413	.1538577	1.408238	.0828823
#2	.0077367	4.743153	5.618100	.1545699	1.296627	.0726981
#3	.0082984	4.763556	6.014425	.1515238	1.429274	.0865754

Elem	Sr4077
Units	ppm
Avg	.2946862
Stddev	.0156863
%RSD	5.323039
#1	.3013124
#2	.2767742
#3	.3059720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1239.951	37182.21	7286.627	1101.781	1663.950
Stddev	2.758	682.58	292.269	21.041	6.385
%RSD	.2224470	1.835767	4.011027	1.909703	.3837007
#1	1237.724	37952.70	7161.832	1124.875	1656.817
#2	1243.036	36653.18	7620.577	1083.699	1669.130
#3	1239.092	36940.76	7077.472	1096.770	1665.904

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-03 Acquired: 12/02/2024 23:24:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1625744	.0013289	3.333937	-.006643	.0062003	63.44440
Stddev	.0055360	.0055898	.012900	.004498	.0021270	3.37797
%RSD	3.405182	420.6437	.3869307	67.70931	34.30450	5.324300
#1	.1661177	.0044185	3.319316	-.003144	.0044690	59.57967
#2	.1654104	.0046918	3.343712	-.011716	.0085745	64.92007
#3	.1561951	-.005124	3.338783	-.005069	.0055572	65.83347

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.268253	.0045684	.0148920	90.79641	.2115353	.0978970
Stddev	.117769	.0000379	.0003118	4.65822	.0019696	.0002231
%RSD	5.192077	.8295478	2.093531	5.130401	.9310864	.2279230
#1	2.133862	.0045934	.0151526	85.47523	.2118246	.0977170
#2	2.317453	.0045248	.0149768	92.77674	.2094371	.0978273
#3	2.353445	.0045870	.0145466	94.13726	.2133442	.0981467

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5297660	158.4308	15.68659	27.99952	.1933957	-.012404
Stddev	.0309225	8.1155	.79847	1.46583	.0008735	.000436
%RSD	5.837014	5.122448	5.090139	5.235196	.4516760	3.517151
#1	.4945178	149.1730	14.77607	26.31598	.1925931	-.012076
#2	.5424530	161.8018	16.01627	28.68989	.1943261	-.012899
#3	.5523272	164.3175	16.26743	28.99270	.1932677	-.012237

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.676049	.1868187	2.036042	8.243920	F 16.64332	.0578497
Stddev	.169411	.0114852	.016909	.617790	.04308	.0036770
%RSD	10.10776	6.147770	.8304650	7.493886	.2588320	6.356090
#1	1.550537	.1742600	2.035056	7.533867	16.59618	.0538081
#2	1.608861	.1894076	2.019647	8.539507	16.68065	.0587438
#3	1.868747	.1967885	2.053421	8.658387	16.65313	.0609971

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-03 Acquired: 12/02/2024 23:24:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065569	3.108178	5.705794	.1049122	1.202749	.0615343
Stddev	.0003146	.012235	.224908	.0010125	.063897	.0051385
%RSD	4.798264	.3936334	3.941755	.9651195	5.312586	8.350559
#1	.0063007	3.103211	5.447067	.1058633	1.129707	.0557028
#2	.0064619	3.099208	5.815694	.1038478	1.230246	.0635019
#3	.0069080	3.122115	5.854622	.1050255	1.248295	.0653982

Elem	Sr4077
Units	ppm
Avg	.2741298
Stddev	.0140483
%RSD	5.124678
#1	.2581115
#2	.2799221
#3	.2843559

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1166.847	34576.39	6854.909	1020.517	1689.563
Stddev	3.105	343.05	266.194	6.134	3.170
%RSD	.2661377	.9921648	3.883266	.6011103	.1876399
#1	1169.457	34810.09	7162.087	1022.716	1693.181
#2	1167.671	34736.54	6710.841	1025.249	1687.274
#3	1163.412	34182.55	6691.799	1013.586	1688.233

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-04 Acquired: 12/02/2024 23:28:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2507618	-.006050	18.26975	-.002419	.0044612	77.74918
Stddev	.0096971	.003992	.04524	.005212	.0030026	.20175
%RSD	3.867061	65.99049	.2476105	215.4564	67.30464	.2594947
#1	.2607112	-.007855	18.23406	-.007956	.0025839	77.97895
#2	.2413384	-.001474	18.25457	-.001693	.0028754	77.66762
#3	.2502357	-.008821	18.32063	.002392	.0079242	77.60098

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.819014	.0058746	.0251618	153.4237	.2008582	.1579935
Stddev	.014587	.0000559	.0002324	.3384	.0011303	.0015187
%RSD	.3819469	.9506234	.9234361	.2205531	.5627201	.9612306
#1	3.833825	.0058743	.0250451	153.6366	.2007390	.1574086
#2	3.818554	.0058189	.0250108	153.6010	.2020433	.1568541
#3	3.804663	.0059306	.0254293	153.0335	.1997923	.1597176

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8433304	232.7705	28.11459	40.29864	.2678769	-.016863
Stddev	.0017428	.6609	.02405	.03246	.0015681	.000277
%RSD	.2066616	.2839086	.0855330	.0805593	.5853658	1.641934
#1	.8422076	233.5264	28.12093	40.33485	.2662593	-.017157
#2	.8424454	232.4831	28.13483	40.27213	.2693902	-.016825
#3	.8453382	232.3020	28.08800	40.28895	.2679812	-.016607

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.344333	.2586912	2.848871	10.05620	F 25.46035	.0765705
Stddev	.236855	.0067048	.013230	.07829	.06633	.0031092
%RSD	10.10328	2.591805	.4644102	.7785444	.2605132	4.060561
#1	2.435090	.2564727	2.834177	10.03976	25.42360	.0741013
#2	2.522388	.2533770	2.852596	10.14141	25.42054	.0800621
#3	2.075521	.2662241	2.859839	9.98744	25.53692	.0755480

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-04 Acquired: 12/02/2024 23:28:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112804	4.039496	6.179553	.2399046	1.303114	.0770708
Stddev	.0008183	.018743	.003319	.0014211	.004067	.0003004
%RSD	7.254383	.4639881	.0537079	.5923396	.3120871	.3897237
#1	.0117689	4.019350	6.179495	.2401522	1.307750	.0773621
#2	.0117366	4.056418	6.182900	.2383760	1.301448	.0770882
#3	.0103356	4.042720	6.176263	.2411856	1.300145	.0767621

Elem	Sr4077
Units	ppm
Avg	.4206000
Stddev	.0007062
%RSD	.1679127
#1	.4210068
#2	.4210087
#3	.4197845

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1228.867	36635.86	7219.163	1084.775	1610.508
Stddev	1.629	52.72	4.000	4.883	4.319
%RSD	.1325712	.1438894	.0554085	.4501548	.2681544
#1	1228.202	36686.14	7221.987	1089.728	1615.028
#2	1230.723	36581.01	7214.585	1084.631	1610.071
#3	1227.675	36640.45	7220.916	1079.965	1606.424

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-05 Acquired: 12/02/2024 23:32:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1599885	-.004957	1.721128	-.020733	.0022073	60.82178
Stddev	.0092564	.002379	.015315	.007345	.0021900	.12588
%RSD	5.785633	47.99564	.8898192	35.42658	99.21630	.2069601
#1	.1586228	-.002353	1.731672	-.027682	.0047294	60.75946
#2	.1514909	-.005502	1.703561	-.021470	.0007876	60.73922
#3	.1698518	-.007017	1.728150	-.013047	.0011049	60.96666

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.273302	.0035456	.0168025	345.3641	.1276407	.1314021
Stddev	.004983	.0001355	.0003876	.8067	.0007648	.0008682
%RSD	.1522305	3.820548	2.306832	.2335889	.5992035	.6607196
#1	3.273191	.0033911	.0169660	345.4507	.1277715	.1313259
#2	3.268376	.0036020	.0163599	344.5176	.1268190	.1305745
#3	3.278340	.0036438	.0170815	346.1241	.1283318	.1323059

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5549844	186.6325	F 35.38321	61.08851	.2304419	-.010211
Stddev	.0012126	.5285	.06813	.30057	.0022691	.000369
%RSD	.2184847	.2831993	.1925536	.4920215	.9846632	3.613339
#1	.5551251	186.1594	35.42618	60.79989	.2316345	-.010217
#2	.5537076	186.5351	35.30466	61.06588	.2278252	-.010577
#3	.5561204	187.2029	35.41880	61.39975	.2318660	-.009839

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.928708	.1812690	1.377370	8.244354	F 15.97446	.0546362
Stddev	.133602	.0030318	.008471	.068966	.11308	.0032034
%RSD	6.927034	1.672540	.6150265	.8365234	.7078741	5.863212
#1	2.030791	.1841900	1.386120	8.177511	15.95104	.0536731
#2	1.977835	.1781374	1.369209	8.240287	15.87493	.0582107
#3	1.777497	.1814797	1.376782	8.315263	16.09742	.0520248

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-05 Acquired: 12/02/2024 23:32:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087346	2.148230	5.403109	.1301317	1.080818	.0689864
Stddev	.0005474	.003589	.005152	.0017463	.005124	.0019877
%RSD	6.267198	.1670595	.0953559	1.341956	.4741178	2.881330
#1	.0087827	2.148109	5.408098	.1302706	1.075388	.0667251
#2	.0081647	2.144704	5.403420	.1318045	1.081495	.0697763
#3	.0092564	2.151878	5.397808	.1283201	1.085569	.0704577

Elem	Sr4077
Units	ppm
Avg	.4285033
Stddev	.0005581
%RSD	.1302320
#1	.4283321
#2	.4280509
#3	.4291269

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1137.604	34104.39	6780.096	1010.934	1550.192
Stddev	1.244	19.58	6.420	6.578	5.816
%RSD	.1093312	.0573987	.0946853	.6506935	.3751567
#1	1138.390	34112.08	6774.487	1003.366	1547.532
#2	1138.252	34082.14	6787.098	1015.285	1556.862
#3	1136.170	34118.96	6778.704	1014.150	1546.182

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-06 Acquired: 12/02/2024 23:37:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2221660	-.017924	1.293522	-.015357	.0047827	63.92656
Stddev	.0129248	.005414	.032053	.004909	.0006576	1.04887
%RSD	5.817625	30.20405	2.477979	31.96872	13.75037	1.640735
#1	.2282119	-.015231	1.266505	-.019511	.0054164	62.80197
#2	.2309597	-.014386	1.328939	-.009939	.0041035	64.87820
#3	.2073263	-.024157	1.285122	-.016619	.0048281	64.09953

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.711004	.0048766	.0200957	242.4112	.1182777	.1412896
Stddev	.023423	.0000960	.0007046	3.3818	.0014725	.0035472
%RSD	1.368970	1.967540	3.506104	1.395050	1.244977	2.510587
#1	1.686966	.0047710	.0195331	238.8214	.1199440	.1383137
#2	1.733760	.0049002	.0208860	245.5370	.1177379	.1452149
#3	1.712285	.0049585	.0198681	242.8753	.1171513	.1403402

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5748775	246.2098	19.92726	78.43266	.2311399	-.020437
Stddev	.0055077	4.2612	.27440	1.55520	.0055688	.000428
%RSD	.9580599	1.730699	1.377001	1.982852	2.409260	2.092313
#1	.5687445	241.5550	19.64160	76.68980	.2265264	-.020070
#2	.5794016	249.9183	20.18880	79.67891	.2373258	-.020907
#3	.5764863	247.1560	19.95137	78.92928	.2295673	-.020334

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.665635	.1957679	1.197444	8.976669	F 28.75986	.0687205
Stddev	.090860	.0022317	.001023	.133981	.75569	.0052534
%RSD	3.408561	1.139947	.0854553	1.492547	2.627602	7.644640
#1	2.769088	.1933614	1.198312	8.838505	28.16736	.0628002
#2	2.629030	.1977691	1.197706	9.106034	29.61089	.0728256
#3	2.598788	.1961732	1.196316	8.985467	28.50134	.0705357

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-06 Acquired: 12/02/2024 23:37:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068163	2.203595	5.424185	.1001711	1.055444	.0664278
Stddev	.0007395	.055224	.065582	.0061262	.017436	.0012553
%RSD	10.84957	2.506074	1.209071	6.115753	1.652007	1.889710
#1	.0069730	2.158817	5.359917	.0981077	1.035314	.0661368
#2	.0060110	2.265301	5.491006	.1070626	1.065177	.0678031
#3	.0074649	2.186668	5.421631	.0953430	1.065840	.0653436

Elem	Sr4077
Units	ppm
Avg	.3609640
Stddev	.0056062
%RSD	1.553110
#1	.3550412
#2	.3661879
#3	.3616630

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1219.775	36851.16	7329.755	1092.086	1539.566
Stddev	16.559	21.90	88.376	3.229	36.130
%RSD	1.357548	.0594360	1.205719	.2957040	2.346756
#1	1232.305	36827.67	7424.041	1090.825	1568.954
#2	1201.002	36871.03	7248.804	1095.756	1499.228
#3	1226.018	36854.77	7316.421	1089.678	1550.517

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-07 Acquired: 12/02/2024 23:41:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774314	-.013173	1.386468	-.017514	.0083021	83.75448
Stddev	.0068524	.001150	.009790	.010605	.0041755	6.80510
%RSD	8.849597	8.729490	.7061231	60.55086	50.29455	8.125064
#1	.0845792	-.014304	1.375263	-.014683	.0112362	85.20246
#2	.0767963	-.013209	1.393369	-.029246	.0101484	76.34192
#3	.0709187	-.012005	1.390771	-.008611	.0035217	89.71905

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.216727	.0061975	.0162345	453.9047	.1517806	.0934161
Stddev	.097117	.0003520	.0005908	35.6274	.0018117	.0007405
%RSD	7.981833	5.679244	3.639213	7.849098	1.193621	.7927341
#1	1.234979	.0063105	.0159735	460.4673	.1507585	.0929968
#2	1.111779	.0058030	.0169109	415.4522	.1538724	.0942712
#3	1.303423	.0064792	.0158191	485.7945	.1507110	.0929805

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3465773	205.3025	6.380431	134.5041	.2760044	-.009223
Stddev	.0275872	16.7118	.492864	10.8627	.0018973	.001472
%RSD	7.959883	8.140095	7.724619	8.076077	.6874144	15.96022
#1	.3521307	209.2804	6.472151	137.0724	.2738319	-.009831
#2	.3166358	186.9607	5.848150	122.5875	.2773356	-.007544
#3	.3709652	219.6665	6.820992	143.8525	.2768457	-.010293

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962329	.1929904	1.661498	13.63455	F 10.95194	.1156177
Stddev	.178876	.0147183	.007511	1.21603	.04893	.0144405
%RSD	9.115517	7.626413	.4520396	8.918774	.4467445	12.48987
#1	2.164436	.1969210	1.663554	13.91198	10.92883	.1228990
#2	1.898175	.1767059	1.653173	12.30377	11.00814	.0989861
#3	1.824377	.2053443	1.667766	14.68789	10.91885	.1249681

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-07 Acquired: 12/02/2024 23:41:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083006	8.192238	6.531753	.0650890	1.115803	.1084998
Stddev	.0006558	.049987	.417255	.0042229	.092230	.0118262
%RSD	7.900140	.6101735	6.388100	6.487798	8.265826	10.89976
#1	.0082571	8.135249	6.612991	.0621557	1.138235	.1111995
#2	.0076676	8.228661	6.079853	.0699290	1.014426	.0955571
#3	.0089770	8.212803	6.902415	.0631825	1.194748	.1187427

Elem	Sr4077
Units	ppm
Avg	.6477785
Stddev	.0517250
%RSD	7.984978
#1	.6577643
#2	.5917887
#3	.6937826

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1049.570	31235.45	6400.638	926.4310	1510.175
Stddev	1.810	12.15	419.272	2.7033	5.509
%RSD	.1724599	.0389118	6.550472	.2917930	.3647605
#1	1048.861	31235.46	6303.486	923.4490	1514.076
#2	1048.222	31223.29	6859.957	928.7211	1503.874
#3	1051.627	31247.60	6038.470	927.1229	1512.575

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-08 Acquired: 12/02/2024 23:45:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0730708	-.014692	1.177075	-.012410	.0077498	80.37743	1.095404
Stddev	.0038971	.002463	.010075	.007528	.0026582	.63765	.008973
%RSD	5.333392	16.76354	.8559001	60.65951	34.30067	.7933216	.8191125
#1	.0775485	-.011888	1.165453	-.009683	.0102987	81.10890	1.105749
#2	.0712198	-.015685	1.183328	-.020921	.0079563	80.08459	1.090726
#3	.0704441	-.016504	1.182444	-.006626	.0049943	79.93880	1.089738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061080	.0313450	569.3162	.1421178	.0867450	.2980995	183.0387
Stddev	.0000852	.0003620	4.9344	.0003470	.0013074	.0035383	1.3403
%RSD	1.395605	1.154823	.8667265	.2441880	1.507137	1.186940	.7322481
#1	.0060781	.0309452	574.4921	.1424119	.0865034	.3021597	184.5841
#2	.0062042	.0316505	568.7910	.1417350	.0881563	.2964638	182.3392
#3	.0060417	.0314393	564.6653	.1422066	.0855753	.2956751	182.1929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.233130	179.2041	.2565300	-.004042	2.052751	.1788226	4.413666
Stddev	.059136	1.4970	.0036007	.000502	.394922	.0047590	.048291
%RSD	.9487296	.8353873	1.403611	12.41055	19.23870	2.661284	1.094117
#1	6.301411	180.9170	.2528072	-.004535	2.046672	.1818003	4.366328
#2	6.198440	178.5497	.2567881	-.004057	2.450678	.1813335	4.411815
#3	6.199540	178.1457	.2599946	-.003533	1.660903	.1733341	4.462856

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.05763	8.034980	.0960836	.0071676	8.135622	6.567145	.0357899
Stddev	.23262	.056407	.0043344	.0007264	.051295	.060351	.0020705
%RSD	2.312832	.7020170	4.511073	10.13507	.6305042	.9189879	5.785274
#1	10.32515	7.969908	.0979112	.0077044	8.077868	6.635245	.0378226
#2	9.90299	8.065063	.0992048	.0063410	8.175882	6.520287	.0358634
#3	9.94475	8.069968	.0911347	.0074573	8.153115	6.545903	.0336835

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-08 Acquired: 12/02/2024 23:45:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.9978568	.1053152	.6491659
Stddev	.0102174	.0021731	.0052622
%RSD	1.023930	2.063391	.8106074
#1	1.009636	.1078232	.6552092
#2	.991396	.1039936	.6455975
#3	.992538	.1041288	.6466908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1016.686	30276.34	6223.924	901.4935	1468.268
Stddev	4.398	171.94	54.218	8.0345	11.365
%RSD	.4326197	.5679179	.8711279	.8912467	.7740663
#1	1021.665	30359.52	6161.647	910.2513	1481.056
#2	1013.330	30390.88	6249.508	899.7658	1459.322
#3	1015.062	30078.62	6260.616	894.4633	1464.424

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-09 Acquired: 12/02/2024 23:50:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0568966	-.018804	.9565611	-.010204	.0080878	117.2809	1.533310
Stddev	.0121973	.009340	.0046904	.009184	.0041554	1.1300	.008399
%RSD	21.43763	49.67097	.4903453	90.00664	51.37852	.9635242	.5477593
#1	.0544539	-.020949	.9511452	-.002856	.0042088	116.1397	1.526616
#2	.0701304	-.008578	.9593066	-.007255	.0075813	118.3994	1.542734
#3	.0461056	-.026886	.9592316	-.020500	.0124731	117.3035	1.530580

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078352	.0193043	554.3916	.1792535	.1164410	.3338456	238.1070
Stddev	.0000654	.0003792	5.7958	.0012722	.0009169	.0035631	2.7010
%RSD	.8340547	1.964306	1.045439	.7097255	.7874512	1.067297	1.134358
#1	.0078515	.0189869	547.7546	.1794434	.1158762	.3309913	235.3994
#2	.0077633	.0192018	558.4545	.1804201	.1174990	.3378390	240.8013
#3	.0078909	.0197242	556.9657	.1778970	.1159478	.3327064	238.1203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.049428	165.9654	.3073096	-.010712	2.095790	.2539933	1.808078
Stddev	.037655	1.9421	.0012872	.000354	.217792	.0032283	.001630
%RSD	.6224617	1.170168	.4188485	3.304101	10.39189	1.271031	.0901369
#1	6.006103	163.8895	.3062031	-.010384	2.290914	.2555430	1.806672
#2	6.074277	167.7379	.3087222	-.010665	1.860829	.2561546	1.807698
#3	6.067903	166.2688	.3070034	-.011087	2.135625	.2502823	1.809864

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.36049	8.069793	.0829209	.0074526	4.799229	6.875403	.0345263
Stddev	.08189	.009194	.0033100	.0006959	.032705	.053417	.0018381
%RSD	.7904172	.1139318	3.991759	9.337862	.6814644	.7769234	5.323880
#1	10.27112	8.080294	.0865162	.0077487	4.769090	6.814421	.0353339
#2	10.43193	8.063190	.0822465	.0079515	4.834005	6.897883	.0324226
#3	10.37842	8.065896	.0800001	.0066576	4.794591	6.913906	.0358224

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-09 Acquired: 12/02/2024 23:50:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.179906	.1628120	.7987546
Stddev	.014048	.0017679	.0061174
%RSD	1.190570	1.085876	.7658669
#1	1.165658	.1610396	.7926570
#2	1.193744	.1645755	.8048916
#3	1.180316	.1628208	.7987153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1055.206	31407.00	6419.743	936.1028	1466.632
Stddev	.498	73.72	46.711	.0663	3.342
%RSD	.0471588	.2347147	.7276175	.0070778	.2279030
#1	1054.638	31345.44	6473.664	936.0662	1468.366
#2	1055.563	31386.86	6393.946	936.1792	1462.778
#3	1055.418	31488.69	6391.619	936.0628	1468.750

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-10 Acquired: 12/02/2024 23:55:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0842459	-.010920	2.079892	-.012738	.0090145	97.65450	1.808594
Stddev	.0079471	.002288	.001537	.007499	.0036975	.22982	.004746
%RSD	9.433186	20.95301	.0739004	58.87276	41.01701	.2353416	.2624205
#1	.0801609	-.009097	2.078350	-.020062	.0122341	97.86309	1.812083
#2	.0934047	-.013488	2.079900	-.005074	.0098330	97.69228	1.810510
#3	.0791722	-.010176	2.081424	-.013079	.0049763	97.40812	1.803190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074304	.0171036	503.7782	.1559517	.0960041	.3917701	218.3996
Stddev	.0000252	.0002153	1.3259	.0004524	.0008674	.0031002	.5357
%RSD	.3385891	1.258649	.2631870	.2900901	.9035486	.7913237	.2452907
#1	.0074158	.0170527	504.4150	.1564679	.0969384	.3900026	218.9055
#2	.0074159	.0173398	504.6655	.1557627	.0958498	.3953498	218.4550
#3	.0074594	.0169183	502.2540	.1556243	.0952242	.3899580	217.8384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.922927	127.3177	.2656221	-.009060	2.145176	.2190305	1.809748
Stddev	.015037	.4591	.0009911	.000185	.183940	.0052771	.014167
%RSD	.2538774	.3605808	.3731247	2.036788	8.574601	2.409311	.7828061
#1	5.926596	127.8401	.2658324	-.009243	2.159830	.2233253	1.797009
#2	5.935790	127.1343	.2664912	-.008874	1.954347	.2131396	1.825005
#3	5.906396	126.9786	.2645427	-.009062	2.321350	.2206266	1.807231

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.549536	7.324393	.0754893	.0070253	4.569015	6.810152	.0779751
Stddev	.176768	.034134	.0024281	.0009169	.033568	.024481	.0035478
%RSD	2.341448	.4660266	3.216506	13.05162	.7346947	.3594829	4.549851
#1	7.384508	7.363414	.0728315	.0060430	4.602939	6.814201	.0800053
#2	7.736076	7.309686	.0775914	.0078585	4.568293	6.832356	.0738786
#3	7.528023	7.300077	.0760451	.0071746	4.535814	6.783898	.0800414

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-10 Acquired: 12/02/2024 23:55:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.223675	.1290703	.7773506
Stddev	.001165	.0014532	.0019720
%RSD	.0952379	1.125925	.2536790
#1	1.224361	.1288535	.7788346
#2	1.224334	.1306197	.7781043
#3	1.222329	.1277376	.7751129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1050.444	31307.01	6318.104	926.0436	1497.599
Stddev	1.160	15.64	29.983	6.6429	4.385
%RSD	.1104220	.0499678	.4745627	.7173379	.2928107
#1	1049.135	31295.04	6307.882	932.8403	1493.645
#2	1050.856	31301.28	6294.568	919.5661	1496.836
#3	1051.343	31324.71	6351.862	925.7243	1502.315

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-11 Acquired: 12/02/2024 23:59:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1771308	-.010732	3.874329	-.012549	.0113751	72.00713
Stddev	.0034564	.005785	.010912	.002140	.0064049	.03661
%RSD	1.951356	53.90161	.2816480	17.05136	56.30637	.0508369
#1	.1803379	-.005555	3.872315	-.014962	.0082993	71.96626
#2	.1775846	-.016976	3.864565	-.011802	.0187377	72.03690
#3	.1734698	-.009664	3.886108	-.010883	.0070883	72.01822

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.819134	.0079424	.0172371	533.6237	.1298230	.0891809
Stddev	.004419	.0001417	.0000704	1.8274	.0015738	.0007847
%RSD	.2429295	1.784287	.4083478	.3424499	1.212288	.8798746
#1	1.814957	.0077983	.0171826	532.5151	.1294116	.0899561
#2	1.823761	.0079473	.0173166	535.7328	.1284957	.0883871
#3	1.818685	.0080817	.0172122	532.6231	.1315616	.0891994

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5092169	203.7642	7.475355	131.4429	.2532360	-.006337
Stddev	.0048291	.3392	.021015	.2550	.0009401	.000087
%RSD	.9483411	.1664475	.2811283	.1940202	.3712228	1.376736
#1	.5037832	203.8125	7.460183	131.3286	.2521553	-.006432
#2	.5130184	204.0767	7.499342	131.7350	.2538647	-.006261
#3	.5108491	203.4035	7.466539	131.2649	.2536880	-.006317

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.515255	.1898206	2.046368	7.481729	F 10.77402	.1096244
Stddev	.103742	.0084795	.005536	.085370	.03118	.0045104
%RSD	4.124502	4.467102	.2705152	1.141051	.2894019	4.114442
#1	2.534149	.1993445	2.044412	7.483177	10.78068	.1090632
#2	2.608252	.1870265	2.052616	7.395644	10.74005	.1143892
#3	2.403365	.1830907	2.042075	7.566366	10.80133	.1054208

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-11 Acquired: 12/02/2024 23:59:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071825	6.734388	6.494243	.3164132	1.497098	.0957424
Stddev	.0003941	.007965	.011799	.0022021	.001519	.0015087
%RSD	5.487107	.1182675	.1816843	.6959693	.1014528	1.575810
#1	.0067479	6.725203	6.483314	.3143433	1.498638	.0953321
#2	.0075168	6.738569	6.492661	.3161692	1.497055	.0974138
#3	.0072827	6.739391	6.506753	.3187272	1.495602	.0944812

Elem	Sr4077
Units	ppm
Avg	.7815796
Stddev	.0018484
%RSD	.2364979
#1	.7796431
#2	.7833250
#3	.7817707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1045.289	31172.93	6306.491	919.1022	1486.980
Stddev	1.660	42.78	12.879	2.9230	1.648
%RSD	.1588279	.1372227	.2042152	.3180302	.1108513
#1	1046.076	31146.72	6314.015	918.1491	1487.605
#2	1046.410	31222.29	6291.620	916.7747	1488.224
#3	1043.382	31149.78	6313.838	922.3828	1485.110

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-12 Acquired: 12/03/2024 0:03:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1266427	-.007616	1.757110	-.009322	.0165883	58.96684	1.201454
Stddev	.0123579	.006270	.002020	.005615	.0035319	.12322	.001106
%RSD	9.758104	82.32119	.1149352	60.23374	21.29189	.2089707	.0920709
#1	.1214573	-.001460	1.754831	-.005241	.0174671	59.02693	1.201530
#2	.1407486	-.013994	1.757822	-.006999	.0195978	59.04850	1.200311
#3	.1177223	-.007395	1.758677	-.015726	.0126999	58.82510	1.202519

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062127	.0132750	292.8847	.0993990	.0760301	.4826239	190.0749
Stddev	.0001304	.0001314	.0294	.0008459	.0009588	.0035330	.3267
%RSD	2.098126	.9897060	.0100497	.8510372	1.261074	.7320343	.1718642
#1	.0061391	.0132194	292.8945	.1002227	.0750280	.4867028	190.2634
#2	.0063632	.0131805	292.9079	.0994418	.0769387	.4805212	190.2637
#3	.0061359	.0134250	292.8516	.0985324	.0761237	.4806478	189.6977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.444596	78.89030	.1757839	-.009157	2.206568	.1612992	1.214330
Stddev	.006504	.07712	.0003923	.000333	.286728	.0044114	.006311
%RSD	.1009157	.0977590	.2231869	3.641301	12.99430	2.734930	.5197422
#1	6.441879	78.89151	.1753955	-.009467	2.535907	.1636450	1.207198
#2	6.452017	78.96682	.1757760	-.008805	2.012495	.1640420	1.216597
#3	6.439891	78.81259	.1761801	-.009201	2.071301	.1562105	1.219194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.285116	7.116505	.0746034	.0056371	5.001591	6.739979	.1493078
Stddev	.037906	.017883	.0033596	.0003905	.041704	.012134	.0010842
%RSD	.7172141	.2512822	4.503297	6.927149	.8338165	.1800279	.7261307
#1	5.327921	7.106049	.0710461	.0052425	4.955182	6.732159	.1480573
#2	5.255798	7.106313	.0777223	.0060233	5.035926	6.753957	.1498823
#3	5.271630	7.137154	.0750418	.0056456	5.013665	6.733821	.1499838

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-12 Acquired: 12/03/2024 0:03:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.373069	.0720202	.5464861
Stddev	.004720	.0008454	.0003267
%RSD	.3437816	1.173873	.0597819
#1	1.375776	.0729588	.5463436
#2	1.375813	.0717831	.5468599
#3	1.367619	.0713186	.5462549

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1051.242	31237.35	6220.134	929.9669	1572.567
Stddev	1.624	.68	2.847	3.6758	4.037
%RSD	.1545039	.0021780	.0457760	.3952647	.2566824
#1	1053.098	31237.26	6221.412	934.0382	1576.957
#2	1050.550	31238.07	6216.871	928.9705	1571.729
#3	1050.079	31236.72	6222.118	926.8920	1569.015

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-13 Acquired: 12/03/2024 0:08:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1208153	-.012218	1.976485	-.018361	.0088080	61.50900	1.252797
Stddev	.0096203	.003761	.029019	.005781	.0010003	.16673	.000534
%RSD	7.962858	30.78292	1.468188	31.48365	11.35703	.2710675	.0425989
#1	.1132709	-.010509	1.963617	-.017064	.0085590	61.31660	1.253297
#2	.1175261	-.009615	1.956126	-.024680	.0079558	61.59936	1.252235
#3	.1316488	-.016530	2.009713	-.013339	.0099094	61.61105	1.252859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066852	.0119988	510.0106	.0909578	.0724467	.4325764	170.8950
Stddev	.0001613	.0004087	.7334	.0018797	.0006786	.0006865	.6310
%RSD	2.413297	3.406186	.1437996	2.066521	.9366657	.1586960	.3692469
#1	.0065562	.0121240	509.3524	.0928860	.0719932	.4321978	170.1722
#2	.0066332	.0115421	509.8783	.0908566	.0721201	.4333688	171.3359
#3	.0068661	.0123302	510.8012	.0891308	.0732268	.4321625	171.1771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.525740	96.95036	.1608468	-.004826	2.605476	.1665202	1.219645
Stddev	.010705	.47307	.0013293	.000994	.099307	.0073987	.008486
%RSD	.1640502	.4879489	.8264106	20.59646	3.811474	4.443097	.6957687
#1	6.520671	96.40448	.1613053	-.003867	2.718430	.1725158	1.229422
#2	6.518511	97.20578	.1593490	-.004759	2.566117	.1582518	1.214191
#3	6.538038	97.24082	.1618862	-.005851	2.531882	.1687931	1.215324

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.962155	7.594503	.0838375	.0070994	4.548881	6.304452	.0764471
Stddev	.095410	.099129	.0020954	.0004194	.064747	.024349	.0040299
%RSD	1.370415	1.305277	2.499321	5.907415	1.423360	.3862211	5.271490
#1	6.893964	7.548843	.0825395	.0074150	4.523459	6.301939	.0804562
#2	7.071189	7.526432	.0827182	.0072596	4.500703	6.281456	.0723967
#3	6.921314	7.708234	.0862549	.0066235	4.622480	6.329960	.0764885

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-13 Acquired: 12/03/2024 0:08:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.318190	.0793157	.8073042
Stddev	.004366	.0007895	.0019266
%RSD	.3311937	.9953309	.2386433
#1	1.313156	.0786654	.8052374
#2	1.320479	.0801941	.8076249
#3	1.320936	.0790875	.8090503

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1035.006	30832.08	6208.497	918.4796	1517.563
Stddev	6.862	310.91	1.989	8.5157	17.460
%RSD	.6629977	1.008389	.0320379	.9271561	1.150521
#1	1040.214	30509.22	6207.302	908.8182	1523.977
#2	1037.573	30857.55	6207.395	921.7252	1530.909
#3	1027.230	31129.46	6210.793	924.8952	1497.804

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-15 Acquired: 12/03/2024 0:12:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0980774	-.006602	3.245259	-.007964	.0066737	66.96678	1.101477
Stddev	.0119487	.002421	.007631	.003873	.0014479	.49087	.008231
%RSD	12.18296	36.66839	.2351299	48.62731	21.69521	.7330106	.7472658
#1	.1038341	-.003830	3.242699	-.007945	.0083046	66.86828	1.104953
#2	.1060580	-.008300	3.239237	-.004101	.0055398	66.53263	1.092078
#3	.0843401	-.007676	3.253840	-.011846	.0061767	67.49944	1.107400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053176	.0129719	202.1589	.1341046	.0921699	.4556707	175.6408
Stddev	.0001969	.0003564	1.0047	.0093379	.0007875	.0048173	1.3289
%RSD	3.702724	2.747632	.4970073	6.963152	.8543555	1.057198	.7566113
#1	.0051422	.0127394	202.3814	.1292196	.0914884	.4561730	175.2396
#2	.0052800	.0127942	201.0616	.1282224	.0919894	.4506219	174.5588
#3	.0055306	.0133823	203.0338	.1448717	.0930320	.4602172	177.1241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.828226	48.34897	.1822969	-.010930	1.734908	.1754428	1.257912
Stddev	.034516	.35279	.0006690	.003397	.363651	.0020093	.070490
%RSD	.3511930	.7296814	.3670083	31.07817	20.96084	1.145245	5.603745
#1	9.839593	48.09302	.1830570	-.012988	1.578211	.1746701	1.210521
#2	9.789461	48.20249	.1817974	-.012794	2.150639	.1777237	1.224297
#3	9.855626	48.75141	.1820363	-.007009	1.475875	.1739346	1.338917

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.085005	9.295511	.0531980	.0018142	2.481867	5.847082	.1188284
Stddev	.062033	.051884	.0017471	.0001691	.011223	.060148	.0024647
%RSD	.8755487	.5581633	3.284155	9.322247	.4522038	1.028682	2.074184
#1	7.034291	9.264952	.0512624	.0016532	2.472419	5.784323	.1215611
#2	7.066554	9.266164	.0546582	.0017989	2.478909	5.852698	.1167735
#3	7.154169	9.355418	.0536734	.0019904	2.494273	5.904225	.1181507

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-15 Acquired: 12/03/2024 0:12:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.188610	.0827353	.3169726
Stddev	.009088	.0011415	.0018815
%RSD	.7646251	1.379751	.5935800
#1	1.188712	.0816435	.3173699
#2	1.179471	.0826418	.3149242
#3	1.197647	.0839208	.3186237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1139.088	33008.95	6703.206	975.6037	1618.488
Stddev	3.571	1606.31	9.428	45.9995	6.172
%RSD	.3134633	4.866288	.1406421	4.714973	.3813713
#1	1137.324	33982.70	6710.990	1005.338	1618.798
#2	1143.198	33889.22	6692.724	998.853	1624.500
#3	1136.743	31154.93	6705.905	922.620	1612.167

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-16 Acquired: 12/03/2024 0:16:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0777696	-.005727	3.057395	.0051319	.0182134	66.07604
Stddev	.0049438	.010187	.025922	.0029869	.0011427	.19677
%RSD	6.356960	177.8827	.8478423	58.20239	6.273714	.2977933
#1	.0825095	.000207	3.052024	.0061415	.0195257	66.28530
#2	.0726444	-.017490	3.085582	.0074831	.0174389	65.89475
#3	.0781548	.000102	3.034579	.0017710	.0176755	66.04807

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.318293	.0046204	.0221179	166.2322	.1690801	.0803268
Stddev	.010643	.0000678	.0000505	.6930	.0044602	.0016666
%RSD	.4590711	1.466699	.2281333	.4169162	2.637925	2.074757
#1	2.327020	.0045665	.0220740	166.8299	.1686465	.0793242
#2	2.306437	.0046964	.0221730	165.4725	.1648525	.0822506
#3	2.321423	.0045982	.0221066	166.3941	.1737413	.0794056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4903056	152.4782	8.314462	39.90196	.1996481	-.007093
Stddev	.0013454	.3411	.045158	.14252	.0014976	.000545
%RSD	.2743999	.2237051	.5431205	.3571879	.7500997	7.687067
#1	.4908755	152.8721	8.359872	39.86787	.1991701	-.006916
#2	.4887690	152.2816	8.269561	39.77957	.2013263	-.007705
#3	.4912722	152.2809	8.313954	40.05844	.1984479	-.006659

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.642060	.1824051	3.119481	10.50470	F 18.99908	.0743656
Stddev	.125766	.0011534	.047720	.07175	.12664	.0030953
%RSD	7.659028	.6323213	1.529747	.6830136	.6665524	4.162222
#1	1.739791	.1829271	3.139008	10.49785	18.96486	.0757024
#2	1.686218	.1810830	3.065094	10.43662	19.13932	.0765678
#3	1.500170	.1832052	3.154340	10.57962	18.89307	.0708266

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-16 Acquired: 12/03/2024 0:16:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131337	5.272714	6.632695	.1569389	1.118941	.0687476
Stddev	.0003490	.032441	.060820	.0019257	.005342	.0005879
%RSD	2.656941	.6152589	.9169680	1.227017	.4774032	.8552199
#1	.0128663	5.252510	6.661428	.1551664	1.124674	.0681643
#2	.0135285	5.310134	6.562832	.1589878	1.114103	.0693401
#3	.0130064	5.255499	6.673825	.1566624	1.118046	.0687386

Elem	Sr4077
Units	ppm
Avg	.3526319
Stddev	.0012015
%RSD	.3407133
#1	.3538057
#2	.3514046
#3	.3526855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.376	33551.65	6570.460	991.8517	1645.650
Stddev	.950	388.66	12.960	10.3883	10.252
%RSD	.0843803	1.158389	.1972469	1.047361	.6229669
#1	1126.351	33349.18	6555.914	985.1665	1649.969
#2	1124.454	33999.74	6580.780	1003.820	1633.945
#3	1125.322	33306.02	6574.684	986.569	1653.035

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-17 Acquired: 12/03/2024 0:21:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0726965	-.007812	2.933938	-.004429	.0092523	62.90189
Stddev	.0044248	.001435	.004255	.005921	.0017605	.31052
%RSD	6.086645	18.36314	.1450118	133.7057	19.02813	.4936596
#1	.0768164	-.008958	2.930066	-.011135	.0072543	62.74173
#2	.0680196	-.008276	2.933254	.000079	.0099265	62.70414
#3	.0732535	-.006203	2.938493	-.002230	.0105760	63.25979

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.202710	.0043562	.0227951	179.4720	.1485274	.0715873
Stddev	.004090	.0001536	.0001574	.1914	.0024660	.0003431
%RSD	.1856821	3.526834	.6905719	.1066227	1.660266	.4792767
#1	2.198095	.0044241	.0228254	179.4338	.1494012	.0713221
#2	2.204147	.0041804	.0229353	179.3026	.1504374	.0719748
#3	2.205888	.0044643	.0226248	179.6796	.1457435	.0714652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4857711	131.8845	7.202456	34.40371	.1843061	-.005300
Stddev	.0020679	.6681	.012729	.06917	.0005311	.000784
%RSD	.4256884	.5065598	.1767374	.2010440	.2881519	14.79165
#1	.4875910	131.8359	7.203085	34.48042	.1837013	-.005425
#2	.4835225	131.2421	7.189424	34.34609	.1846964	-.004461
#3	.4861997	132.5756	7.214860	34.38462	.1845207	-.006014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.410972	.1677796	3.354271	9.158986	F 38.73461	.0618461
Stddev	.062282	.0087149	.042550	.031372	.04625	.0012579
%RSD	2.583292	5.194272	1.268526	.3425312	.1193916	2.033873
#1	2.449367	.1592959	3.369558	9.177312	38.71533	.0621756
#2	2.339110	.1673341	3.387066	9.122761	38.78738	.0629064
#3	2.444438	.1767087	3.306190	9.176884	38.70113	.0604562

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-17 Acquired: 12/03/2024 0:21:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077055	4.069943	6.903615	.1430787	1.080061	.0612241
Stddev	.0007039	.018172	.050709	.0013723	.004398	.0007627
%RSD	9.134481	.4464944	.7345312	.9591255	.4072359	1.245805
#1	.0083935	4.067575	6.933528	.1428510	1.079389	.0608036
#2	.0077361	4.089183	6.845066	.1445506	1.076038	.0607642
#3	.0069868	4.053071	6.932252	.1418344	1.084757	.0621045

Elem	Sr4077
Units	ppm
Avg	.3316178
Stddev	.0014372
%RSD	.4333987
#1	.3315707
#2	.3302047
#3	.3330780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1103.612	33090.89	6488.360	974.0632	1640.083
Stddev	.690	349.62	39.869	11.6095	2.285
%RSD	.0625539	1.056537	.6144682	1.191861	.1393420
#1	1102.997	32944.75	6480.754	971.1731	1642.194
#2	1103.480	32838.06	6531.484	964.1718	1637.656
#3	1104.359	33489.87	6452.842	986.8447	1640.398

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-18 Acquired: 12/03/2024 0:25:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099833	k -.011306	3.685805	-.000498	k .0083742	69.09031
Stddev	.0116803	.001299	.002508	.003844	.0037127	.03876
%RSD	10.62010	11.48618	.0680462	772.6688	44.33521	.0561044
#1	.1138284	-.010068	3.682971	.003690	.0077801	69.06307
#2	.1192564	k -.012657	3.687739	-.003866	k .0123482	69.13469
#3	.0968652	-.011193	3.686704	-.001317	.0049943	69.07317

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.757798	.0048233	.0264380	172.1086	s .1775600	.0830211
Stddev	.007560	.0001836	.0000752	.3212	.0117489	.0008247
%RSD	.2741290	3.806530	.2845515	.1866313	6.616867	.9933041
#1	2.760216	.0050309	.0264706	172.4075	.1656890	.0839462
#2	2.749325	.0047566	.0263520	171.7689	s .1891829	.0823630
#3	2.763853	.0046823	.0264915	172.1493	.1778080	.0827542

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.361937	158.6039	8.690333	37.67656	.1906778	s -.000866
Stddev	.002570	.3738	.008825	.04165	.0003690	.006379
%RSD	.1886949	.2356880	.1015495	.1105380	.1935040	736.3242
#1	1.363455	158.3341	8.690513	37.67959	.1910967	-.006409
#2	1.358969	159.0306	8.681418	37.63348	.1905357	s .006106
#3	1.363385	158.4471	8.699066	37.71661	.1904010	-.002295

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.431578	k .1914886	3.779949	9.640482	F 18.44108	k .0679682
Stddev	.347123	.0045482	.351127	.034285	.06921	.0029198
%RSD	24.24756	2.375200	9.289195	.3556330	.3753216	4.295820
#1	1.043793	.1874977	3.861283	9.667233	18.40372	.0671881
#2	1.537657	k .1964405	3.395292	9.652380	18.39858	k .0711988
#3	1.713284	.1905275	4.083271	9.601834	18.52095	.0655177

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-18 Acquired: 12/03/2024 0:25:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077598	3.501917	6.369918	.2128028	1.056772	.0674177
Stddev	.0001703	.017100	.102666	.0035789	.001185	.0016284
%RSD	2.194711	.4883051	1.611734	1.681808	.1121323	2.415442
#1	.0075649	3.508264	6.430158	.2137174	1.056788	.0660554
#2	.0078346	3.482551	6.251375	.2088553	1.055579	.0692213
#3	.0078799	3.514937	6.428221	.2158356	1.057949	.0669763

Elem	Sr4077
Units	ppm
Avg	.3539369
Stddev	.0008473
%RSD	.2393865
#1	.3529740
#2	.3545683
#3	.3542684

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1125.348	^ *****	6602.539	1016.181	1645.207
Stddev	1.932	-----	23.104	80.228	1.485
%RSD	.1716389	-----	.3499296	7.895026	.0902744
#1	1123.120	33514.61	6583.603	995.354	1643.492
#2	1126.562	^ -----	6595.732	1104.769	1646.050
#3	1126.360	31768.10	6628.282	948.421	1646.079

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-19 Acquired: 12/03/2024 0:30:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1386760	-.006639	4.699990	-.009244	.0075082	85.03303
Stddev	.0061492	.000627	.118168	.008322	.0025276	.29559
%RSD	4.434240	9.450460	2.514209	90.02774	33.66487	.3476202
#1	.1356248	-.006588	4.712488	-.007827	.0054601	85.35547
#2	.1346490	-.006039	4.811413	-.001721	.0103331	84.77486
#3	.1457541	-.007291	4.576071	-.018184	.0067315	84.96876

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.050601	.0063632	.0260338	192.8019	.1864080	.1136812
Stddev	.004083	.0000458	.0006240	.1455	.0035989	.0032602
%RSD	.1338585	.7190025	2.397048	.0754578	1.930673	2.867829
#1	3.052488	.0063117	.0262250	192.6985	.1834027	.1132382
#2	3.045916	.0063789	.0265398	192.7388	.1903963	.1171402
#3	3.053400	.0063991	.0253365	192.9682	.1854252	.1106652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.017820	195.1284	12.55775	41.86190	.2302669	-.011674
Stddev	.001634	.5645	.02043	.07005	.0058619	.000355
%RSD	.1604955	.2892881	.1627193	.1673473	2.545692	3.041086
#1	1.019614	195.7645	12.53611	41.92424	.2314740	-.011836
#2	1.017429	194.9336	12.57671	41.87536	.2354313	-.011267
#3	1.016418	194.6871	12.56042	41.78609	.2238954	-.011919

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991586	.2340877	4.378762	13.25499	F 22.97868	.0905176
Stddev	.150770	.0053898	.038715	.02641	.55807	.0026107
%RSD	7.570326	2.302455	.8841629	.1992802	2.428657	2.884246
#1	2.128303	.2365878	4.349374	13.28453	23.14034	.0908809
#2	1.829885	.2279019	4.422630	13.23365	23.43809	.0877442
#3	2.016570	.2377735	4.364281	13.24678	22.35763	.0929277

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4933-19 Acquired: 12/03/2024 0:30:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093473	4.267513	5.953349	.4126160	1.171432	.0911827
Stddev	.0007144	.105971	.021381	.0104573	.003016	.0009123
%RSD	7.643283	2.483192	.3591401	2.534396	.2574507	1.000543
#1	.0091694	4.274071	5.962809	.4147466	1.174689	.0906452
#2	.0101339	4.370053	5.968369	.4218440	1.168736	.0922361
#3	.0087386	4.158416	5.928870	.4012575	1.170870	.0906668

Elem	Sr4077
Units	ppm
Avg	.4320826
Stddev	.0003634
%RSD	.0841093
#1	.4323531
#2	.4322252
#3	.4316695

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1203.858	35414.52	7049.549	1051.025	1638.398
Stddev	16.193	278.57	18.055	6.224	32.740
%RSD	1.345078	.7865916	.2561157	.5922276	1.998317
#1	1199.500	35542.27	7029.408	1054.722	1633.917
#2	1190.290	35094.99	7054.956	1043.839	1608.129
#3	1221.784	35606.30	7064.283	1054.515	1673.148

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-01 Acquired: 12/03/2024 0:34:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0346716	-.004134	1.025206	-.001747	.0045559	42.36156	.6874732
Stddev	.0061006	.005591	.016374	.007808	.0017106	.50218	.0079054
%RSD	17.59531	135.2637	1.597096	446.8268	37.54740	1.185453	1.149927
#1	.0347500	-.005074	1.006846	.006058	.0064344	41.97263	.6824487
#2	.0285322	-.009194	1.030481	-.001742	.0041453	42.92849	.6965856
#3	.0407325	.001868	1.038293	-.009558	.0030879	42.18355	.6833852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024481	.0082094	187.6277	.0915925	.0515497	.3457815	112.6351
Stddev	.0000711	.0003050	1.4886	.0007622	.0016402	.0042700	1.1787
%RSD	2.905394	3.715657	.7933586	.8321197	3.181715	1.234874	1.046447
#1	.0024559	.0078710	186.6564	.0907155	.0497225	.3472970	111.5169
#2	.0025150	.0082941	189.3415	.0919681	.0528947	.3490869	113.8662
#3	.0023734	.0084631	186.8853	.0920939	.0520318	.3409605	112.5223

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.884063	48.71117	.1544865	-.008323	1.726292	.1198263	1.798031
Stddev	.038331	.46340	.0028010	.000535	.126078	.0034073	.013685
%RSD	.7848125	.9513186	1.813070	6.430379	7.303391	2.843499	.7611236
#1	4.859294	48.22244	.1513115	-.008941	1.621485	.1162793	1.786353
#2	4.928215	49.14421	.1566079	-.007995	1.691190	.1201256	1.813090
#3	4.864681	48.76685	.1555400	-.008033	1.866201	.1230740	1.794649

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.148298	9.232324	.0400696	.0035020	3.599518	5.621620	.0316174
Stddev	.154339	.161324	.0019111	.0007254	.039814	.027331	.0002850
%RSD	2.997866	1.747380	4.769374	20.71481	1.106089	.4861837	.9012314
#1	5.030519	9.046044	.0409089	.0042710	3.555106	5.617084	.0314946
#2	5.323018	9.326010	.0414175	.0034052	3.632011	5.650935	.0314145
#3	5.091358	9.324917	.0378825	.0028299	3.611438	5.596840	.0319432

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-01 Acquired: 12/03/2024 0:34:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.117833	.0433227	.2751807
Stddev	.012816	.0009900	.0024858
%RSD	1.146493	2.285077	.9033473
#1	1.105770	.0443313	.2731662
#2	1.131288	.0423526	.2779587
#3	1.116440	.0432843	.2744171

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1095.110	32534.71	6367.362	968.1834	1650.605
Stddev	12.423	302.55	23.445	7.4117	26.325
%RSD	1.134407	.9299383	.3682128	.7655232	1.594876
#1	1109.105	32846.09	6369.438	974.4903	1681.002
#2	1090.838	32241.83	6342.948	960.0199	1635.187
#3	1085.386	32516.20	6389.700	970.0399	1635.627

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-02 Acquired: 12/03/2024 0:38:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0397504	-.004277	.8707902	-.004922	.0037027	46.11721
Stddev	.0107723	.004437	.0123433	.004812	.0009903	.15486
%RSD	27.09989	103.7257	1.417486	97.76590	26.74542	.3357889
#1	.0356186	-.007683	.8824312	-.006650	.0035617	46.22774
#2	.0519770	.000740	.8720916	-.008633	.0027905	45.94022
#3	.0316556	-.005889	.8578477	.000515	.0047560	46.18368

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7139891	.0025473	.0086910	216.6764	.0929315	.0569645
Stddev	.0011218	.0001382	.0001218	.0491	.0011673	.0005820
%RSD	.1571193	5.425543	1.401398	.0226380	1.256039	1.021769
#1	.7148266	.0024114	.0087401	216.6739	.0932307	.0576364
#2	.7127145	.0026877	.0087806	216.6286	.0939201	.0566426
#3	.7144260	.0025427	.0085524	216.7266	.0916438	.0566146

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2872699	112.2652	5.147501	50.17250	.1512738	-.008284
Stddev	.0005274	.2353	.004333	.12839	.0024336	.000218
%RSD	.1835958	.2096035	.0841733	.2558895	1.608762	2.634809
#1	.2874602	112.4268	5.152306	50.28932	.1536482	-.008032
#2	.2866738	111.9952	5.143890	50.03504	.1513883	-.008410
#3	.2876758	112.3735	5.146307	50.19315	.1487850	-.008409

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.617430	.1300425	1.455727	4.483266	F 10.07753	.0341035
Stddev	.298028	.0035138	.001428	.113141	.17948	.0027803
%RSD	18.42603	2.702032	.0980795	2.523622	1.780972	8.152494
#1	1.940587	.1334946	1.456287	4.586291	10.27315	.0319422
#2	1.353391	.1301628	1.454104	4.362182	10.03901	.0372400
#3	1.558313	.1264701	1.456791	4.501325	9.92045	.0331282

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-02 Acquired: 12/03/2024 0:38:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019173	2.547536	5.689489	.0319734	1.086484	.0507353
Stddev	.0005588	.048966	.007439	.0014229	.004704	.0017425
%RSD	29.14533	1.922095	.1307413	4.450150	.4329307	3.434582
#1	.0024565	2.601527	5.691454	.0309656	1.084742	.0491080
#2	.0019547	2.535080	5.681266	.0336010	1.082899	.0505239
#3	.0013407	2.506001	5.695748	.0313535	1.091810	.0525738

Elem	Sr4077
Units	ppm
Avg	.3341650
Stddev	.0009311
%RSD	.2786363
#1	.3352391
#2	.3335881
#3	.3336677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1095.459	32812.63	6468.464	976.3710	1612.477
Stddev	8.861	134.66	14.569	1.9453	21.277
%RSD	.8088588	.4104022	.2252360	.1992426	1.319512
#1	1085.240	32681.06	6451.650	976.0750	1589.847
#2	1100.125	32806.64	6476.387	974.5906	1615.509
#3	1101.012	32950.19	6477.354	978.4474	1632.075

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV076 Acquired: 12/03/2024 0:43:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.302503	5.109968	24.42609	4.916735	4.685676	393.3651
Stddev	.006845	.014674	.07395	.019152	.021364	4.9921
%RSD	.1290950	.2871689	.3027500	.3895338	.4559469	1.269065
#1	5.299227	5.123165	24.50525	4.937772	4.709062	395.9309
#2	5.297911	5.094165	24.41425	4.912125	4.667182	396.5525
#3	5.310371	5.112573	24.35878	4.900309	4.680784	387.6120

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.774930	.5167942	2.587987	396.8398	15.45162	2.463326
Stddev	.062457	.0016088	.007057	2.2811	.09565	.005520
%RSD	.6389504	.3113059	.2727019	.5748165	.6189982	.2240669
#1	9.783036	.5186507	2.596110	397.8772	15.56110	2.469320
#2	9.832939	.5159232	2.583361	398.4179	15.38428	2.462202
#3	9.708816	.5158087	2.584490	394.2244	15.40948	2.458454

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.63042	402.0204	14.42555	415.7420	2.431201	1.257277
Stddev	.09467	2.2643	.09780	2.1328	.007270	.010165
%RSD	.6470666	.5632356	.6779924	.5130198	.2990222	.8084977
#1	14.67485	403.9382	14.47839	417.5055	2.437269	1.268930
#2	14.69470	402.6005	14.48557	416.3490	2.433191	1.250233
#3	14.52171	399.5224	14.31269	413.3714	2.423144	1.252668

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	398.5150	2.484617	14.44309	150.1329	4.994894	F 4.436011
Stddev	2.3141	.015674	.21168	.8306	.026026	.014870
%RSD	.5806931	.6308565	1.465581	.5532132	.5210520	.3352018
#1	399.7065	2.488640	14.68685	150.3212	5.023105	4.450197
#2	399.9905	2.497888	14.30567	150.8533	4.989756	4.437296
#3	395.8478	2.467324	14.33675	149.2244	4.971820	4.420541

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV076 Acquired: 12/03/2024 0:43:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV076 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803364	4.934142	F 3.455857	4.950049	4.929488	4.780103
Stddev	.017160	.011813	.019832	.009536	.025277	.028288
%RSD	.3572479	.2394230	.5738652	.1926390	.5127809	.5917779
#1	4.823167	4.946307	3.472877	4.960982	4.946494	4.783270
#2	4.792871	4.922714	3.460615	4.943449	4.941529	4.806674
#3	4.794055	4.933405	3.434079	4.945716	4.900442	4.750366

Elem	Sr4077
Units	ppm
Avg	4.871384
Stddev	.010232
%RSD	.2100394
#1	4.882657
#2	4.862685
#3	4.868811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	827.3836	26069.50	5476.604	680.0933	1366.449
Stddev	2.3597	158.54	20.419	9.5383	2.497
%RSD	.2851954	.6081261	.3728343	1.402495	.1827383
#1	824.7244	25888.14	5459.321	669.1191	1364.073
#2	828.1985	26181.72	5471.357	686.3891	1366.221
#3	829.2277	26138.65	5499.135	684.7718	1369.051

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB076 Acquired: 12/03/2024 0:47:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039466	.0021075	-.002407	.0020662	.0028006	.0144428	.0016456
Stddev	.0052872	.0031429	.001923	.0037778	.0008373	.0069358	.0008904
%RSD	133.9689	149.1325	79.89741	182.8397	29.89803	48.02207	54.11039
#1	.0084857	.0053667	-.000197	.0008529	.0019662	.0210938	.0014592
#2	.0052129	-.000904	-.003703	-.000956	.0027948	.0072537	.0026144
#3	-.001859	.001860	-.003321	.006302	.0036408	.0149810	.0008631

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000321	-.000030	.0187564	.0017412	-.000086	-.000765	.0220249
Stddev	.0001376	.000197	.0096539	.0004711	.000283	.001424	.0143159
%RSD	429.0939	647.5600	51.47009	27.05421	328.5833	186.1856	64.99887
#1	-.000097	.000185	.0190287	.0014021	-.000400	-.002162	.0321797
#2	.000016	-.000201	.0282713	.0022791	.000148	.000685	.0282438
#3	.000177	-.000076	.0089692	.0015425	-.000006	-.000819	.0056512

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012040	-.021727	-.000119	.0010895	.1324171	.0032229	.0004833
Stddev	.0003110	.054068	.000362	.0002914	.0428860	.0011155	.0001838
%RSD	25.82964	248.8493	304.8454	26.74513	32.38706	34.61271	38.02385
#1	.0015631	-.084122	-.000517	.0010236	.1423928	.0038767	.0002724
#2	.0010295	.011342	.000190	.0014081	.0854224	.0038571	.0005680
#3	.0010196	.007599	-.000030	.0008367	.1694361	.0019348	.0006094

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.620960	-.000751	-.001301	-.000206	.0038476	-.000500	-.000487
Stddev	.168649	.002003	.001589	.000359	.0073218	.000165	.001006
%RSD	27.15939	266.7842	122.1886	174.6661	190.2941	32.95622	206.5335
#1	-.787050	.000218	-.000907	-.000616	.0068081	-.000454	-.001438
#2	-.625966	.000584	.000055	-.000054	.0092256	-.000682	.000566
#3	-.449864	-.003055	-.003049	.000053	-.004491	-.000362	-.000590

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB076 Acquired: 12/03/2024 0:47:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB076 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0007102	-.011577	.0002689
Stddev	.0012032	.000775	.0000724
%RSD	169.4323	6.697812	26.94781
#1	-.000399	-.011899	.0002584
#2	.001989	-.010692	.0002022
#3	.000540	-.012140	.0003460

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1025.007	29927.62	5650.244	901.3272	1902.416
Stddev	2.412	70.32	47.743	1.9571	3.390
%RSD	.2353201	.2349779	.8449751	.2171369	.1782075
#1	1026.697	29875.23	5695.564	899.1613	1905.110
#2	1026.078	29900.07	5600.400	902.9687	1903.527
#3	1022.245	30007.54	5654.768	901.8517	1898.609

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-03 Acquired: 12/03/2024 0:52:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1328650	-.006685	1.121557	-.001613	.0051209	43.85088	.9502955
Stddev	.0114616	.007911	.004484	.006552	.0023617	2.06623	.0502092
%RSD	8.626499	118.3470	.3997594	406.1242	46.11824	4.711942	5.283531
#1	.1459914	-.011861	1.126566	-.009113	.0078257	46.23673	1.008153
#2	.1248386	-.010616	1.120187	.001274	.0040691	42.66866	.924583
#3	.1277650	.002422	1.117919	.003000	.0034679	42.64726	.918151

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026050	.0106212	469.3742	.0879998	.0754004	.2485012	136.0314
Stddev	.0001704	.0004337	23.9504	.0012920	.0005007	.0078403	5.9249
%RSD	6.539721	4.082882	5.102626	1.468131	.6641046	3.155042	4.355555
#1	.0024092	.0101304	496.9608	.0865214	.0748904	.2574913	142.8706
#2	.0026867	.0109526	457.2713	.0885659	.0758914	.2449304	132.4556
#3	.0027193	.0107806	453.8906	.0889120	.0754193	.2430819	132.7682

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.573495	185.0029	.1639765	-.002933	2.050321	.1229992	.9770610
Stddev	.388214	7.8800	.0011804	.000412	.327414	.0095345	.0070649
%RSD	5.125956	4.259410	.7198648	14.05509	15.96894	7.751651	.7230810
#1	8.019061	194.1017	.1627638	-.003118	2.410553	.1324957	.9698679
#2	7.393301	180.3922	.1640441	-.003220	1.969577	.1230747	.9773248
#3	7.308125	180.5149	.1651217	-.002460	1.770832	.1134272	.9839904

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.038080	8.695050	.0472203	.0012499	25.66791	6.162901	.0321035
Stddev	.477177	.023349	.0095058	.0003450	.03196	.237085	.0021847
%RSD	9.471410	.2685367	20.13084	27.59740	.1244980	3.846976	6.805071
#1	5.582318	8.670684	.0575847	.0012126	25.70176	6.435992	.0319348
#2	4.840476	8.697237	.0389083	.0009252	25.63827	6.042958	.0300081
#3	4.691447	8.717229	.0451678	.0016120	25.66371	6.009754	.0343676

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-03 Acquired: 12/03/2024 0:52:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.002243	.0512907	.3818823
Stddev	.049751	.0043652	.0189929
%RSD	4.964008	8.510705	4.973504
#1	1.059690	.0563164	.4037996
#2	.973852	.0484435	.3715991
#3	.973187	.0491121	.3702483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1040.200	30975.27	6088.761	913.8158	1510.510
Stddev	2.119	27.83	223.011	4.4699	2.180
%RSD	.2036718	.0898415	3.662666	.4891449	.1443334
#1	1039.211	30975.99	5831.266	918.4413	1509.038
#2	1042.632	31002.74	6214.987	913.4864	1513.015
#3	1038.757	30947.09	6220.029	909.5198	1509.478

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-07 Acquired: 12/03/2024 0:56:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1303589	-.005611	3.562952	-.005857	.0051999	70.36103
Stddev	.0033948	.007373	.013786	.009046	.0032978	2.26632
%RSD	2.604161	131.4108	.3869206	154.4296	63.42092	3.220991
#1	.1266170	.001699	3.562630	-.016150	.0067515	72.49729
#2	.1312185	-.013046	3.549329	-.002251	.0014125	67.98389
#3	.1332412	-.005486	3.576895	.000828	.0074357	70.60192

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.300270	.0048756	.0182943	150.5925	.1536479	.0894073
Stddev	.076840	.0001782	.0001770	5.0507	.0038287	.0002243
%RSD	3.340464	3.655590	.9677536	3.353882	2.491844	.2508690
#1	2.373773	.0050637	.0181117	155.3738	.1579561	.0891509
#2	2.220480	.0047092	.0183062	145.3098	.1523528	.0895039
#3	2.306557	.0048537	.0184652	151.0938	.1506348	.0895670

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4934777	176.2050	13.97133	24.03692	.1646294	-.010582
Stddev	.0186046	5.6547	.46027	.83528	.0002746	.001195
%RSD	3.770098	3.209141	3.294360	3.475006	.1668010	11.29338
#1	.5100980	181.5634	14.39754	24.75145	.1646850	-.009653
#2	.4733797	170.2946	13.48326	23.11860	.1648719	-.010163
#3	.4969554	176.7568	14.03318	24.24071	.1643312	-.011930

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.968465	.1877404	1.984857	7.476966	F 14.47158	.0746446
Stddev	.256774	.0089467	.037635	.317070	.04399	.0054140
%RSD	13.04436	4.765446	1.896105	4.240623	.3039688	7.253010
#1	1.729079	.1939670	2.026787	7.721788	14.49046	.0783135
#2	1.936654	.1774881	1.973782	7.118801	14.42130	.0684266
#3	2.239662	.1917661	1.954002	7.590310	14.50298	.0771937

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-07 Acquired: 12/03/2024 0:56:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037014	2.267075	5.336820	.2894811	1.235819	.0651446
Stddev	.0005044	.013226	.166831	.0036726	.040484	.0034908
%RSD	13.62687	.5833934	3.126036	1.268665	3.275908	5.358597
#1	.0035451	2.267959	5.507010	.2899642	1.274141	.0681627
#2	.0032937	2.279837	5.173565	.2855909	1.193473	.0613216
#3	.0042655	2.253429	5.329885	.2928882	1.239844	.0659494

Elem	Sr4077
Units	ppm
Avg	.4788400
Stddev	.0155956
%RSD	3.256944
#1	.4935441
#2	.4624844
#3	.4804915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1144.006	33786.30	6816.442	1003.318	1657.744
Stddev	.342	664.45	173.372	15.504	3.573
%RSD	.0299164	1.966618	2.543444	1.545302	.2155227
#1	1144.179	33080.23	6648.407	987.084	1653.620
#2	1143.611	33879.34	6994.700	1004.898	1659.750
#3	1144.227	34399.32	6806.220	1017.971	1659.864

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-08 Acquired: 12/03/2024 1:01:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1109665	-.006960	2.609248	-.013967	.0026126	73.22200
Stddev	.0038632	.004013	.093211	.008317	.0013351	2.16266
%RSD	3.481396	57.65501	3.572342	59.54981	51.10233	2.953572
#1	.1120175	-.005200	2.704929	-.021654	.0028418	74.60288
#2	.1066866	-.004128	2.518720	-.005138	.0011777	74.33351
#3	.1141955	-.011552	2.604094	-.015108	.0038182	70.72962

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.728080	.0051598	.0211485	261.9147	.1340864	.1060992
Stddev	.052864	.0000697	.0012145	7.5258	.0007483	.0052240
%RSD	3.059088	1.349998	5.742583	2.873379	.5580514	4.923694
#1	1.750213	.0051916	.0223479	265.2151	.1348855	.1115001
#2	1.766280	.0052078	.0199195	267.2264	.1339712	.1010722
#3	1.667748	.0050799	.0211780	253.3026	.1334024	.1057253

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3983323	209.0135	16.88306	57.39991	.1932014	-.016226
Stddev	.0120499	5.7403	.49247	1.74483	.0078326	.000575
%RSD	3.025085	2.746398	2.916922	3.039783	4.054107	3.543413
#1	.4048186	213.1095	17.07872	58.71754	.2012224	-.016776
#2	.4057497	211.4788	17.24763	58.06107	.1855719	-.016271
#3	.3844287	202.4524	16.32283	55.42113	.1928098	-.015629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.031163	.1953650	1.750983	9.179242	F 15.09557	.0661934
Stddev	.088921	.0104618	.020188	.337061	.57956	.0033646
%RSD	4.377855	5.355023	1.152971	3.671994	3.839298	5.083012
#1	1.965849	.2006423	1.772926	9.398573	15.71140	.0671783
#2	2.132432	.2021372	1.746828	9.348020	14.56081	.0689556
#3	1.995208	.1833156	1.733196	8.791133	15.01449	.0624462

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-08 Acquired: 12/03/2024 1:01:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040426	2.175354	6.100254	.2006918	1.216872	.0713502
Stddev	.0007132	.086916	.140862	.0069918	.037464	.0035987
%RSD	17.64182	3.995507	2.309112	3.483855	3.078749	5.043676
#1	.0033467	2.259713	6.200471	.2072711	1.239689	.0735825
#2	.0040093	2.086088	6.161095	.1933499	1.237294	.0732693
#3	.0047719	2.180260	5.939198	.2014543	1.173634	.0671987

Elem	Sr4077
Units	ppm
Avg	.4489239
Stddev	.0128777
%RSD	2.868567
#1	.4566484
#2	.4560654
#3	.4340578

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1196.728	35663.96	7151.201	1057.066	1584.079
Stddev	24.100	108.39	149.240	9.933	52.024
%RSD	2.013819	.3039204	2.086924	.9396682	3.284166
#1	1170.787	35539.57	7046.007	1045.648	1530.025
#2	1218.423	35738.18	7085.590	1063.711	1633.802
#3	1200.974	35714.12	7322.007	1061.840	1588.411

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-09 Acquired: 12/03/2024 1:05:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680649	-.014256	1.573187	-.002422	.0063870	55.89869
Stddev	.0072272	.002088	.035860	.005078	.0030103	.13842
%RSD	10.61813	14.64866	2.279431	209.6208	47.13169	.2476266
#1	.0733380	-.014667	1.587100	-.004787	.0075402	56.05475
#2	.0710301	-.011992	1.532455	.003407	.0086502	55.79077
#3	.0598267	-.016108	1.600004	-.005886	.0029706	55.85055

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.059543	.0039950	.0133943	227.4110	.0902854	.0728234
Stddev	.002326	.0001246	.0006598	.1724	.0005508	.0014652
%RSD	.2195010	3.119421	4.925854	.0758135	.6100393	2.012012
#1	1.059882	.0041206	.0138501	227.3303	.0908455	.0726754
#2	1.061681	.0038714	.0126378	227.2938	.0902660	.0714378
#3	1.057067	.0039928	.0136952	227.6090	.0897445	.0743570

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2442279	156.2167	7.576408	40.31422	.1190764	-.015352
Stddev	.0015388	.4595	.007465	.18239	.0029324	.000491
%RSD	.6300550	.2941217	.0985334	.4524139	2.462613	3.195888
#1	.2450927	156.6682	7.570297	40.50942	.1200250	-.015764
#2	.2424513	155.7496	7.574198	40.14815	.1157871	-.014809
#3	.2451398	156.2324	7.584728	40.28509	.1214171	-.015483

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.297557	.1477300	1.177827	7.838887	F 17.65234	.0508699
Stddev	.218011	.0063305	.014626	.079610	.45803	.0015199
%RSD	9.488827	4.285170	1.241817	1.015578	2.594744	2.987894
#1	2.263136	.1525735	1.166479	7.930392	17.78754	.0526161
#2	2.098804	.1500496	1.194334	7.800742	17.14193	.0498447
#3	2.530731	.1405669	1.172668	7.785527	18.02756	.0501487

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-09 Acquired: 12/03/2024 1:05:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018284	1.513839	5.015397	.1097197	2.831976	.0836987
Stddev	.0003269	.035738	.017953	.0034169	.010051	.0009184
%RSD	17.88011	2.360755	.3579505	3.114232	.3549015	1.097240
#1	.0019745	1.511261	5.012358	.1111447	2.839375	.0846915
#2	.0014539	1.479460	4.999158	.1058209	2.820533	.0828796
#3	.0020568	1.550796	5.034675	.1121935	2.836019	.0835249

Elem	Sr4077
Units	ppm
Avg	.3116987
Stddev	.0002729
%RSD	.0875385
#1	.3120110
#2	.3115063
#3	.3115789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1247.920	36679.21	7259.443	1087.430	1643.971
Stddev	17.470	331.56	18.369	15.204	35.801
%RSD	1.399909	.9039569	.2530321	1.398126	2.177698
#1	1237.308	36985.18	7258.517	1096.962	1630.614
#2	1268.083	36326.92	7278.257	1069.896	1684.530
#3	1238.369	36725.52	7241.555	1095.431	1616.770

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-10 Acquired: 12/03/2024 1:09:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1252102	-.009165	2.063843	-.012867	.0075962	71.54142
Stddev	.0026300	.003060	.054392	.002772	.0022002	.87828
%RSD	2.100470	33.38424	2.635475	21.54595	28.96408	1.227648
#1	.1224476	-.011181	2.028500	-.011882	.0100513	72.54717
#2	.1254992	-.010670	2.036552	-.015998	.0058028	71.15127
#3	.1276837	-.005645	2.126478	-.010722	.0069346	70.92580

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.517548	.0055958	.0204737	332.3823	.1597145	.1062985
Stddev	.028006	.0001250	.0009482	3.4903	.0018402	.0018975
%RSD	1.112432	2.234511	4.631430	1.050083	1.152179	1.785086
#1	2.548986	.0055197	.0196281	336.3848	.1592154	.1048186
#2	2.508393	.0055276	.0202942	330.7899	.1581754	.1056391
#3	2.495265	.0057401	.0214989	329.9722	.1617528	.1084377

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4142103	208.2868	19.35807	91.52446	.2228489	-.012826
Stddev	.0064447	2.8067	.16806	1.46434	.0063511	.000549
%RSD	1.555898	1.347519	.8681408	1.599943	2.849941	4.277079
#1	.4204835	211.5202	19.54907	93.20926	.2183588	-.012923
#2	.4076069	206.8623	19.29230	90.55808	.2200726	-.013320
#3	.4145405	206.4781	19.23286	90.80603	.2301155	-.012236

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305896	.2075161	4.696976	13.87971	F 18.86539	.0904624
Stddev	.360355	.0039943	.030161	.26901	.49773	.0030907
%RSD	15.62754	1.924831	.6421349	1.938173	2.638322	3.416583
#1	2.168756	.2120339	4.714802	14.18999	18.54191	.0938426
#2	2.714686	.2044528	4.662152	13.71180	18.61572	.0877808
#3	2.034245	.2060616	4.713974	13.73734	19.43854	.0897637

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-10 Acquired: 12/03/2024 1:09:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075620	6.118449	6.376278	.0975326	1.033404	.0770259
Stddev	.0002847	.170542	.045709	.0085384	.014261	.0015347
%RSD	3.764766	2.787348	.7168538	8.754436	1.379992	1.992406
#1	.0075464	5.991297	6.425926	.0954429	1.049800	.0786980
#2	.0072855	6.051798	6.335943	.0902331	1.026535	.0756816
#3	.0078542	6.312252	6.366964	.1069220	1.023878	.0766981

Elem	Sr4077
Units	ppm
Avg	.3708867
Stddev	.0043960
%RSD	1.185259
#1	.3759029
#2	.3690518
#3	.3677055

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1109.175	33574.29	6662.366	994.2765	1525.649
Stddev	18.651	162.55	55.682	6.3198	34.727
%RSD	1.681500	.4841560	.8357695	.6356226	2.276185
#1	1120.220	33456.43	6598.123	989.1803	1550.382
#2	1119.664	33759.73	6696.757	1001.348	1540.616
#3	1087.642	33506.72	6692.217	992.301	1485.949

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-11 Acquired: 12/03/2024 1:14:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1028713	-.012278	1.734549	-.011418	.0068726	65.96642
Stddev	.0104611	.003025	.004046	.002853	.0021494	1.13659
%RSD	10.16912	24.63989	.2332885	24.98622	31.27491	1.722989
#1	.0940704	-.011318	1.738480	-.014603	.0062298	65.35581
#2	.1001063	-.015667	1.734771	-.010556	.0051180	65.26563
#3	.1144371	-.009849	1.730396	-.009096	.0092701	67.27781

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.652108	.0053200	.0148237	302.4366	.1351099	.0836130
Stddev	.022001	.0001013	.0003668	3.9017	.0016379	.0006097
%RSD	1.331704	1.904928	2.474629	1.290096	1.212298	.7292150
#1	1.643357	.0053809	.0151519	300.6443	.1365484	.0842884
#2	1.635828	.0053761	.0144277	299.7531	.1333272	.0834473
#3	1.677138	.0052031	.0148916	306.9125	.1354541	.0831032

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3431885	179.0051	12.08616	82.83561	.1833531	-.010957
Stddev	.0071354	3.0583	.15589	1.48889	.0012561	.000253
%RSD	2.079138	1.708524	1.289809	1.797399	.6850789	2.305250
#1	.3363468	177.2735	12.02473	81.98138	.1841189	-.010669
#2	.3426335	177.2054	11.97034	81.97064	.1819034	-.011059
#3	.3505851	182.5363	12.26340	84.55482	.1840369	-.011142

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.991229	.1838867	3.673544	10.40535	F 12.61044	.0813809
Stddev	.111207	.0047452	.014506	.31403	.03183	.0018999
%RSD	5.584859	2.580526	.3948890	3.017929	.2524273	2.334587
#1	1.984385	.1784230	3.681165	10.24751	12.58020	.0793324
#2	2.105700	.1869767	3.656815	10.20155	12.60748	.0830850
#3	1.883602	.1862604	3.682650	10.76698	12.64365	.0817254

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-11 Acquired: 12/03/2024 1:14:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048037	4.804289	5.968530	.0799557	1.031206	.0650274
Stddev	.0005751	.018428	.081435	.0022246	.016582	.0018630
%RSD	11.97290	.3835702	1.364411	2.782305	1.608008	2.864889
#1	.0054440	4.799368	5.936571	.0814033	1.021867	.0632354
#2	.0046362	4.824677	5.907922	.0810697	1.021400	.0648927
#3	.0043309	4.788821	6.061097	.0773942	1.050352	.0669540

Elem	Sr4077
Units	ppm
Avg	.2998835
Stddev	.0039720
%RSD	1.324497
#1	.2975620
#2	.2976187
#3	.3044698

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1109.398	33028.71	6543.606	980.8646	1574.290
Stddev	1.603	127.92	85.847	2.9448	1.428
%RSD	.1445310	.3872967	1.311929	.3002251	.0907135
#1	1107.617	33050.38	6585.380	980.5656	1575.438
#2	1110.725	33144.41	6600.571	983.9475	1574.742
#3	1109.853	32891.34	6444.866	978.0807	1572.691

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-12 Acquired: 12/03/2024 1:18:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1491660	-.010040	2.520276	-.007550	.0056996	77.29342
Stddev	.0027868	.003612	.009167	.004498	.0040003	1.06734
%RSD	1.868237	35.97398	.3637268	59.58147	70.18554	1.380896
#1	.1523173	-.013223	2.526421	-.006998	.0083988	77.80459
#2	.1470266	-.006114	2.509739	-.012299	.0011037	76.06663
#3	.1481540	-.010784	2.524666	-.003353	.0075963	78.00906

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.576142	.0064637	.0195564	129.8593	.1678958	.1041532
Stddev	.036263	.0001770	.0001845	1.5445	.0118339	.0007180
%RSD	1.407647	2.737702	.9432195	1.189379	7.048359	.6893375
#1	2.598295	.0066032	.0193653	130.6503	.1787548	.1042922
#2	2.534293	.0062647	.0197334	128.0795	.1696498	.1033759
#3	2.595839	.0065233	.0195705	130.8482	.1552828	.1047915

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4386631	230.1751	16.69956	37.43629	.2365405	-.018904
Stddev	.0078499	2.7451	.21266	.44969	.0009185	.003763
%RSD	1.789497	1.192633	1.273459	1.201207	.3882893	19.90400
#1	.4397484	231.0171	16.82262	37.53521	.2373724	-.015449
#2	.4303270	227.1076	16.45399	36.94538	.2355549	-.018348
#3	.4459138	232.4006	16.82205	37.82828	.2366943	-.022913

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.594313	.2458445	3.126151	10.18380	F 14.81121	.0824276
Stddev	.249442	.0127064	.191859	.19711	.08438	.0012367
%RSD	9.614963	5.168469	6.137243	1.935556	.5697281	1.500326
#1	2.650057	.2398957	3.311903	10.27535	14.86986	.0823884
#2	2.811168	.2372036	3.137832	9.95756	14.71450	.0812109
#3	2.321715	.2604340	2.928717	10.31849	14.84927	.0836834

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-12 Acquired: 12/03/2024 1:18:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075085	3.855162	5.906900	.1301660	1.399684	.0808437
Stddev	.0006369	.039353	.076853	.0022198	.016379	.0027897
%RSD	8.482003	1.020784	1.301077	1.705349	1.170161	3.450692
#1	.0082432	3.874095	5.986920	.1305325	1.409501	.0804030
#2	.0071703	3.809921	5.833663	.1277858	1.380776	.0783007
#3	.0071122	3.881470	5.900115	.1321797	1.408774	.0838276

Elem	Sr4077
Units	ppm
Avg	.3768400
Stddev	.0054753
%RSD	1.452937
#1	.3796221
#2	.3705323
#3	.3803656

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1175.087	34907.70	6899.187	1036.945	1648.420
Stddev	2.309	1695.74	69.202	55.126	6.822
%RSD	.1964773	4.857792	1.003039	5.316156	.4138397
#1	1172.601	33232.26	6863.661	984.712	1642.503
#2	1177.163	34867.78	6978.936	1031.556	1655.882
#3	1175.497	36623.04	6854.964	1094.568	1646.876

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-13 Acquired: 12/03/2024 1:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1819575	-.005237	2.323360	-.009632	.0070739	71.18330
Stddev	.0020681	.001016	.001721	.008598	.0021506	.50145
%RSD	1.136601	19.40777	.0740786	89.25972	30.40243	.7044542
#1	.1795708	-.004311	2.321422	-.019183	.0060143	70.89222
#2	.1830806	-.005076	2.323947	-.002511	.0056587	71.76233
#3	.1832210	-.006324	2.324711	-.007203	.0095487	70.89535

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.043583	.0066885	.0182559	112.1246	.1267407	.1157001
Stddev	.017609	.0001918	.0001508	.8956	.0005104	.0008127
%RSD	.5785470	2.867769	.8260034	.7987144	.4027382	.7024476
#1	3.034610	.0065321	.0181404	111.6640	.1273170	.1150844
#2	3.063871	.0066310	.0182008	113.1567	.1263454	.1166213
#3	3.032269	.0069025	.0184265	111.5531	.1265598	.1153945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4608703	225.8729	24.27267	29.46083	.2197768	-.020254
Stddev	.0059698	1.7605	.18387	.14489	.0014684	.000406
%RSD	1.295330	.7794370	.7575335	.4918036	.6681507	2.003715
#1	.4603437	225.1833	24.15846	29.33340	.2214269	-.019909
#2	.4670860	227.8739	24.48478	29.61843	.2192896	-.020701
#3	.4551813	224.5616	24.17477	29.43065	.2186139	-.020151

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.692820	.2358401	2.067760	9.490804	F 16.27728	.0816289
Stddev	.314858	.0065408	.009646	.070971	.05321	.0010942
%RSD	11.69251	2.773402	.4664847	.7477895	.3268830	1.340443
#1	3.055029	.2341633	2.078594	9.475834	16.28415	.0825728
#2	2.538896	.2430560	2.060106	9.568066	16.32672	.0818843
#3	2.484533	.2303009	2.064579	9.428512	16.22097	.0804296

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-13 Acquired: 12/03/2024 1:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098857	3.470848	6.585050	.0943780	1.034013	.0626039
Stddev	.0004532	.015304	.050296	.0011562	.006747	.0018399
%RSD	4.584015	.4409374	.7637912	1.225030	.6524665	2.938931
#1	.0100938	3.470306	6.561238	.0930987	1.029967	.0607263
#2	.0093658	3.486417	6.642830	.0946873	1.041801	.0644036
#3	.0101974	3.455823	6.551082	.0953481	1.030270	.0626817

Elem	Sr4077
Units	ppm
Avg	.2730515
Stddev	.0018665
%RSD	.6835814
#1	.2722353
#2	.2751872
#3	.2717322

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1211.317	36011.77	7025.236	1066.333	1664.071
Stddev	4.341	64.28	40.801	6.861	6.044
%RSD	.3583543	.1784913	.5807816	.6434580	.3632146
#1	1208.466	35937.90	7037.459	1058.515	1660.724
#2	1209.173	36042.39	6979.720	1071.354	1660.440
#3	1216.313	36055.01	7058.528	1069.131	1671.048

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-14 Acquired: 12/03/2024 1:27:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2363079	-.010275	1.607688	-.010850	.0077516	80.37342
Stddev	.0079255	.005910	.019296	.006549	.0004824	.23373
%RSD	3.353889	57.51689	1.200245	60.35839	6.223906	.2908094
#1	.2309623	-.007617	1.629730	-.018020	.0075537	80.60877
#2	.2325480	-.017048	1.599487	-.009344	.0083016	80.37015
#3	.2454136	-.006162	1.593847	-.005185	.0073996	80.14133

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.224709	.0068390	.0239775	172.2242	.1261694	.1528444
Stddev	.002796	.0002088	.0006077	.0960	.0003776	.0011649
%RSD	.0867030	3.053478	2.534503	.0557561	.2992485	.7621595
#1	3.226740	.0070801	.0245940	172.2362	.1258436	.1537066
#2	3.221520	.0067230	.0239595	172.1227	.1260815	.1533076
#3	3.225867	.0067139	.0233789	172.3136	.1265832	.1515192

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4484587	301.5070	27.69535	31.93286	.2436374	-.028457
Stddev	.0049343	1.1042	.03454	.10051	.0031619	.000311
%RSD	1.100279	.3662200	.1247090	.3147575	1.297795	1.093244
#1	.4440277	302.4943	27.65878	31.98470	.2472623	-.028814
#2	.4537761	301.7122	27.69985	31.81701	.2414472	-.028315
#3	.4475723	300.3147	27.72742	31.99687	.2422027	-.028242

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.361947	.2522377	1.495157	10.69307	F 22.83669	.0940598
Stddev	.052444	.0029081	.006125	.08284	.22587	.0030014
%RSD	1.559938	1.152901	.4096776	.7747325	.9890644	3.190902
#1	3.415118	.2490009	1.501404	10.78859	23.09749	.0953898
#2	3.360462	.2530820	1.494908	10.64080	22.70424	.0906233
#3	3.310261	.2546301	1.489161	10.64982	22.70834	.0961664

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-14 Acquired: 12/03/2024 1:27:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092320	4.241526	5.930571	.0598641	.9105245	.0690010
Stddev	.0005191	.055910	.018816	.0019765	.0039602	.0014022
%RSD	5.622452	1.318160	.3172795	3.301596	.4349353	2.032120
#1	.0087654	4.305688	5.951388	.0576969	.9142149	.0706200
#2	.0091395	4.215636	5.914774	.0615672	.9110180	.0681743
#3	.0097911	4.203253	5.925549	.0603283	.9063408	.0682088

Elem	Sr4077
Units	ppm
Avg	.2849828
Stddev	.0008446
%RSD	.2963556
#1	.2848867
#2	.2858713
#3	.2841904

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1284.363	38418.90	7613.020	1139.108	1601.309
Stddev	9.130	21.67	33.274	5.052	17.004
%RSD	.7108824	.0564173	.4370663	.4435368	1.061893
#1	1274.530	38405.06	7576.804	1134.394	1581.675
#2	1285.987	38407.76	7620.017	1138.487	1611.034
#3	1292.573	38443.88	7642.239	1144.442	1611.219

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-15 Acquired: 12/03/2024 1:31:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1450821	-.009506	.4820495	-.012392	.0047536	58.44911
Stddev	.0057390	.001774	.0090820	.000573	.0045395	.21905
%RSD	3.955675	18.65756	1.884046	4.624939	95.49609	.3747711
#1	.1516771	-.010472	.4918627	-.012714	.0076449	58.66083
#2	.1412229	-.007459	.4803459	-.011731	.0070945	58.22340
#3	.1423464	-.010587	.4739399	-.012732	-.000479	58.46310

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.646115	.0046986	.0162737	164.8943	.0974842	.1156911
Stddev	.008151	.0001162	.0007992	.7398	.0006342	.0019688
%RSD	.3080421	2.473910	4.910944	.4486753	.6505922	1.701786
#1	2.653992	.0046029	.0165099	165.6006	.0975415	.1171305
#2	2.637715	.0048279	.0169282	164.1250	.0980879	.1164952
#3	2.646639	.0046648	.0153831	164.9574	.0968233	.1134475

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2321661	247.8673	27.04942	41.58255	.1786823	-.022573
Stddev	.0021409	.8942	.14804	.22655	.0030063	.000260
%RSD	.9221388	.3607459	.5473016	.5448245	1.682492	1.149850
#1	.2321495	248.8771	27.19521	41.80083	.1790890	-.022830
#2	.2300335	247.1757	26.89923	41.34855	.1814645	-.022579
#3	.2343152	247.5493	27.05381	41.59827	.1754933	-.022311

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.612959	.2215022	.8740791	7.644039	F 14.29620	.0825144
Stddev	.132257	.0013424	.0018680	.111659	.29456	.0009549
%RSD	5.061594	.6060216	.2137134	1.460727	2.060427	1.157231
#1	2.465054	.2221346	.8751954	7.630497	14.47868	.0832881
#2	2.653972	.2224115	.8751192	7.539769	14.45354	.0814472
#3	2.719851	.2199604	.8719225	7.761851	13.95638	.0828080

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-15 Acquired: 12/03/2024 1:31:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030340	2.030443	6.608325	.0547332	.6270478	.0502266
Stddev	.0001727	.051793	.025600	.0028563	.0033862	.0016877
%RSD	5.692583	2.550802	.3873973	5.218555	.5400143	3.360207
#1	.0030223	2.048759	6.637694	.0561190	.6302991	.0502730
#2	.0032122	2.070589	6.596554	.0566322	.6235413	.0485162
#3	.0028674	1.971981	6.590728	.0514484	.6273031	.0518907

Elem	Sr4077
Units	ppm
Avg	.2112909
Stddev	.0010876
%RSD	.5147459
#1	.2124552
#2	.2103011
#3	.2111164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1220.787	36124.11	7090.235	1063.244	1649.751
Stddev	12.286	62.95	37.700	2.323	31.891
%RSD	1.006416	.1742489	.5317208	.2184902	1.933062
#1	1213.352	36075.01	7047.675	1060.788	1632.674
#2	1214.042	36195.07	7119.440	1063.537	1630.035
#3	1234.969	36102.25	7103.589	1065.406	1686.543

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-16 Acquired: 12/03/2024 1:36:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1380412	-.013230	4.083701	-.000747	.0089734	82.53401
Stddev	.0121397	.000581	.007946	.010714	.0035868	1.93257
%RSD	8.794231	4.388503	.1945903	1433.725	39.97137	2.341550
#1	.1310169	-.013588	4.091663	.003587	.0060454	84.47531
#2	.1520588	-.013542	4.083670	-.012950	.0129742	80.61028
#3	.1310477	-.012560	4.075770	.007121	.0079008	82.51643

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.072256	.0060976	.0223487	67.26786	.1833802	.1389233
Stddev	.047974	.0000957	.0001378	1.50248	.0020966	.0014650
%RSD	2.315084	1.569847	.6166248	2.233583	1.143323	1.054527
#1	2.123055	.0060620	.0222327	68.80502	.1825583	.1399322
#2	2.027722	.0062060	.0225010	65.80263	.1857633	.1372429
#3	2.065992	.0060248	.0223124	67.19594	.1818191	.1395946

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5159935	249.0069	13.73223	24.85552	.2556038	-.021377
Stddev	.0147926	5.7193	.29949	.50436	.0006344	.000428
%RSD	2.866810	2.296860	2.180930	2.029180	.2481783	2.001282
#1	.5308134	254.5720	14.03424	25.36120	.2563099	-.021749
#2	.5012284	243.1449	13.43532	24.35248	.2554196	-.020910
#3	.5159386	249.3039	13.72713	24.85287	.2550820	-.021473

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.928707	.2402708	3.166956	9.833396	F 15.28929	.0820381
Stddev	.419576	.0117929	.018289	.361243	.06514	.0027330
%RSD	21.75427	4.908149	.5774950	3.673636	.4260343	3.331358
#1	1.446245	.2480222	3.188073	10.14613	15.36450	.0841608
#2	2.208239	.2266993	3.156236	9.43798	15.25291	.0789544
#3	2.131637	.2460910	3.156559	9.91609	15.25048	.0829992

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-16 Acquired: 12/03/2024 1:36:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0407497	5.289073	7.042734	.1531014	1.649705	.0824879
Stddev	.0001241	.023985	.112536	.0039084	.041644	.0028678
%RSD	.3045232	.4534783	1.597898	2.552792	2.524308	3.476618
#1	.0408923	5.316767	7.158207	.1539857	1.689818	.0847453
#2	.0406910	5.275451	6.933386	.1488267	1.606683	.0792610
#3	.0406659	5.275002	7.036609	.1564919	1.652614	.0834575

Elem	Sr4077
Units	ppm
Avg	.2221476
Stddev	.0052431
%RSD	2.360166
#1	.2270715
#2	.2166350
#3	.2227363

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.196	35118.38	6780.736	1043.854	1690.443
Stddev	5.174	81.24	126.981	6.525	6.751
%RSD	.4384266	.2313189	1.872677	.6251292	.3993444
#1	1174.276	35050.74	6650.199	1036.321	1683.241
#2	1182.459	35095.90	6903.835	1047.484	1691.462
#3	1183.854	35208.48	6788.175	1047.758	1696.627

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-17 Acquired: 12/03/2024 1:40:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1625224	-.011334	4.673017	-.007425	.0046496	82.36802
Stddev	.0071468	.000663	.025145	.007671	.0042345	.69771
%RSD	4.397438	5.846959	.5380997	103.3114	91.07185	.8470679
#1	.1700425	-.010751	4.657278	.001264	-.000066	82.76530
#2	.1558191	-.011197	4.659755	-.013260	.005888	82.77636
#3	.1617056	-.012055	4.702017	-.010279	.008127	81.56239

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.055897	.0060733	.0218344	101.9959	.1882465	.1105601
Stddev	.016670	.0002006	.0001412	.6996	.0005765	.0012264
%RSD	.8108401	3.303446	.6466857	.6858994	.3062369	1.109278
#1	2.064902	.0061055	.0217115	102.1005	.1880692	.1099035
#2	2.066128	.0058585	.0219886	102.6373	.1888908	.1098018
#3	2.036661	.0062559	.0218030	101.2499	.1877795	.1119751

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5397484	195.8316	12.90215	41.36457	.2222133	-.015843
Stddev	.0023663	1.3773	.08605	.24935	.0008787	.000267
%RSD	.4384159	.7033023	.6669516	.6028037	.3954480	1.686820
#1	.5411428	196.5184	12.93942	41.41331	.2226708	-.015660
#2	.5410862	196.7304	12.96328	41.58595	.2212002	-.016150
#3	.5370162	194.2459	12.80375	41.09445	.2227688	-.015720

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.983515	.2312058	3.265359	8.535210	F 14.11747	.0635073
Stddev	.314365	.0003373	.015415	.040713	.04493	.0019186
%RSD	15.84887	.1458818	.4720757	.4769995	.3182493	3.021028
#1	2.339705	.2315793	3.282292	8.577187	14.13900	.0640271
#2	1.744826	.2311146	3.252142	8.532552	14.06583	.0613823
#3	1.866013	.2309234	3.261642	8.495892	14.14759	.0651123

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-17 Acquired: 12/03/2024 1:40:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070433	3.593192	6.952276	.1432259	1.624841	.0864089
Stddev	.0006373	.003187	.020113	.0023816	.018207	.0018715
%RSD	9.048524	.0886938	.2893072	1.662812	1.120560	2.165806
#1	.0075397	3.589608	6.929185	.1415817	1.633858	.0852949
#2	.0072656	3.595708	6.961662	.1459571	1.636780	.0885695
#3	.0063246	3.594260	6.965980	.1421390	1.603885	.0853624

Elem	Sr4077
Units	ppm
Avg	.2287391
Stddev	.0020306
%RSD	.8877491
#1	.2299266
#2	.2298962
#3	.2263944

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1168.412	34804.94	6803.643	1028.893	1666.475
Stddev	1.498	97.78	29.349	5.312	3.491
%RSD	.1282203	.2809242	.4313677	.5163040	.2094831
#1	1167.265	34705.69	6817.827	1023.385	1667.725
#2	1167.865	34807.96	6769.896	1029.309	1669.169
#3	1170.107	34901.17	6823.205	1033.985	1662.531

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-18 Acquired: 12/03/2024 1:44:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2182807	-.009223	4.433864	-.013711	.0103302	80.80506
Stddev	.0088094	.005228	.025534	.004938	.0034768	4.81587
%RSD	4.035805	56.68374	.5758847	36.01203	33.65700	5.959863
#1	.2081928	-.005697	4.447661	-.009958	.0084489	83.86498
#2	.2244560	-.006743	4.404400	-.011871	.0143423	83.29633
#3	.2221934	-.015230	4.449532	-.019304	.0081993	75.25387

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.446416	.0062770	.0326680	93.60843	.1679551	.1235217
Stddev	.141993	.0001582	.0006770	5.48627	.0021067	.0006413
%RSD	5.804110	2.520931	2.072394	5.860875	1.254333	.5191708
#1	2.536604	.0062635	.0327001	97.09827	.1697720	.1242158
#2	2.519904	.0064415	.0319755	96.44226	.1656458	.1229512
#3	2.282741	.0061259	.0333284	87.28476	.1684476	.1233981

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5506475	241.9767	13.77304	25.94295	.2283114	-.017902
Stddev	.0299287	14.2400	.80431	1.37500	.0018096	.001169
%RSD	5.435178	5.884875	5.839768	5.300072	.7926007	6.527734
#1	.5695439	251.0967	14.25913	26.87161	.2298712	-.017823
#2	.5662577	249.2658	14.21535	26.59388	.2263274	-.019108
#3	.5161410	225.5678	12.84465	24.36336	.2287356	-.016775

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.231547	.2336283	3.672269	8.233457	F 15.22641	.0642085
Stddev	.084129	.0094810	.034002	.811306	.09676	.0055824
%RSD	3.770008	4.058148	.9259058	9.853771	.6354900	8.694192
#1	2.328619	.2373833	3.710183	8.800102	15.31341	.0628356
#2	2.186246	.2406566	3.662145	8.596200	15.12220	.0703493
#3	2.179774	.2228449	3.644479	7.304067	15.24363	.0594406

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-18 Acquired: 12/03/2024 1:44:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087283	3.157705	6.054409	.1594811	1.480436	.0822279
Stddev	.0005426	.014370	.291254	.0048925	.083535	.0070335
%RSD	6.216099	.4550817	4.810610	3.067786	5.642585	8.553703
#1	.0086631	3.167135	6.243752	.1616530	1.533261	.0866906
#2	.0082214	3.141166	6.200446	.1538786	1.523918	.0858732
#3	.0093006	3.164813	5.719028	.1629116	1.384129	.0741200

Elem	Sr4077
Units	ppm
Avg	.3301150
Stddev	.0194724
%RSD	5.898662
#1	.3421428
#2	.3405532
#3	.3076490

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1180.625	34939.51	7066.939	1036.478	1680.004
Stddev	6.631	311.08	336.751	8.634	10.652
%RSD	.5616744	.8903417	4.765155	.8330509	.6340444
#1	1174.890	34581.98	6847.403	1026.900	1671.606
#2	1187.886	35088.32	6898.761	1038.871	1691.986
#3	1179.099	35148.24	7454.653	1043.664	1676.420

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-19 Acquired: 12/03/2024 1:49:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1872681	-.008607	2.506981	-.006375	.0090961	96.25042
Stddev	.0020015	.003180	.005925	.012022	.0020668	2.58853
%RSD	1.068815	36.94754	.2363375	188.5729	22.72193	2.689372
#1	.1892173	-.004938	2.513429	-.020100	.0113884	99.23350
#2	.1852180	-.010317	2.505738	.002288	.0073748	94.59629
#3	.1873690	-.010566	2.501777	-.001314	.0085252	94.92149

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.748073	.0065067	.0222485	84.17361	.1590687	.1337740
Stddev	.051656	.0001841	.0004399	2.36300	.0116976	.0004492
%RSD	2.955050	2.828997	1.977128	2.807291	7.353829	.3357867
#1	1.807616	.0066371	.0217566	86.89284	.1605550	.1341929
#2	1.715247	.0062961	.0226041	82.61875	.1466989	.1332996
#3	1.721355	.0065869	.0223849	83.00925	.1699522	.1338293

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4150767	245.7002	16.39235	25.72647	.2083180	-.022624
Stddev	.0088524	6.4914	.44028	.83760	.0005636	.003842
%RSD	2.132703	2.641987	2.685879	3.255810	.2705409	16.98387
#1	.4252985	253.1898	16.89885	26.69155	.2086472	-.022424
#2	.4099600	241.6964	16.10118	25.18879	.2086395	-.026563
#3	.4099716	242.2144	16.17703	25.29906	.2076672	-.018886

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.714159	.2665243	2.373620	8.687883	F 13.69766	.0626756
Stddev	.280756	.0088823	.145116	.362704	.01954	.0046150
%RSD	16.37864	3.332637	6.113688	4.174827	.1426778	7.363294
#1	1.429361	.2766518	2.400021	9.091724	13.69109	.0678613
#2	1.990690	.2600573	2.217117	8.582083	13.68224	.0611456
#3	1.722426	.2628637	2.503724	8.389843	13.71964	.0590199

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-19 Acquired: 12/03/2024 1:49:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070307	2.408025	5.497000	.1472372	1.539590	.0794983
Stddev	.0001094	.011167	.152785	.0024839	.040225	.0039232
%RSD	1.556663	.4637556	2.779418	1.687022	2.612698	4.934998
#1	.0071516	2.395779	5.659687	.1499902	1.585984	.0840003
#2	.0070019	2.410650	5.356557	.1451637	1.514472	.0776844
#3	.0069385	2.417646	5.474755	.1465578	1.518312	.0768103

Elem	Sr4077
Units	ppm
Avg	.2702389
Stddev	.0077032
%RSD	2.850521
#1	.2790897
#2	.2650473
#3	.2665796

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1210.875	36381.02	6902.819	1079.882	1685.687
Stddev	.625	1880.73	158.809	54.282	.299
%RSD	.0515820	5.169541	2.300638	5.026627	.0177276
#1	1210.567	35916.41	6720.170	1068.334	1685.975
#2	1210.465	38450.51	7008.279	1139.008	1685.707
#3	1211.594	34776.14	6980.009	1032.303	1685.378

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-20 Acquired: 12/03/2024 1:53:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1536998	-.011380	2.812581	-.007366	.0048795	59.77473
Stddev	.0115542	.003903	.083012	.003160	.0020652	5.38641
%RSD	7.517359	34.29563	2.951460	42.90440	42.32375	9.011190
#1	.1474408	-.010450	2.731785	-.004540	.0028255	53.96104
#2	.1466255	-.008027	2.808314	-.010778	.0069557	64.59580
#3	.1670331	-.015664	2.897645	-.006780	.0048572	60.76734

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.515641	.0043129	.0132763	346.7660	.1327064	.0877229
Stddev	.132617	.0003177	.0007834	30.4706	.0013374	.0032567
%RSD	8.749910	7.365564	5.900450	8.787082	1.007793	3.712488
#1	1.372691	.0039477	.0135100	314.0601	.1342094	.0840826
#2	1.634668	.0045252	.0124027	374.3529	.1322621	.0887263
#3	1.539564	.0044659	.0139162	351.8850	.1316477	.0903598

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3643137	168.9699	13.73920	26.81096	.1343660	-.008547
Stddev	.0312472	15.0597	1.20461	2.45987	.0040896	.001552
%RSD	8.577001	8.912681	8.767720	9.174853	3.043649	18.16300
#1	.3311129	152.5975	12.44956	24.18580	.1297915	-.006855
#2	.3931479	182.2310	14.83537	29.06287	.1356381	-.009906
#3	.3686803	172.0811	13.93268	27.18421	.1376684	-.008881

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.833370	.1700307	1.828092	6.871126	F 10.98785	.0573438
Stddev	.194464	.0193639	.005284	.887748	.32200	.0073037
%RSD	10.60693	11.38848	.2890572	12.91997	2.930474	12.73675
#1	2.057887	.1504663	1.828848	5.961523	10.66277	.0493738
#2	1.724341	.1891877	1.832958	7.735271	10.99412	.0637171
#3	1.717881	.1704379	1.822471	6.916585	11.30667	.0589405

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-20 Acquired: 12/03/2024 1:53:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037366	2.430438	6.398784	.1937175	1.313107	.0792044
Stddev	.0005209	.086502	.441653	.0048495	.115861	.0112128
%RSD	13.94131	3.559109	6.902136	2.503367	8.823400	14.15672
#1	.0033540	2.345776	5.920491	.1892002	1.186371	.0683215
#2	.0043298	2.426866	6.791176	.1931104	1.413586	.0907202
#3	.0035260	2.518670	6.484684	.1988420	1.339363	.0785716

Elem	Sr4077
Units	ppm
Avg	.7125433
Stddev	.0628790
%RSD	8.824588
#1	.6448203
#2	.7690756
#3	.7237340

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1102.478	33021.06	6652.076	978.0413	1573.933
Stddev	23.339	10.66	472.015	1.8627	43.226
%RSD	2.116929	.0322736	7.095754	.1904505	2.746382
#1	1125.145	33030.76	7171.383	979.2789	1615.916
#2	1103.770	33009.65	6249.110	975.8991	1576.323
#3	1078.521	33022.78	6535.736	978.9461	1529.562

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-21 Acquired: 12/03/2024 1:57:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1135493	-.007027	.9410355	-.007365	.0035687	86.88345
Stddev	.0095416	.004007	.0155551	.004740	.0031514	.34898
%RSD	8.403065	57.01542	1.652976	64.35942	88.30840	.4016676
#1	.1027843	-.002669	.9280128	-.011073	.0059194	86.48283
#2	.1209636	-.007860	.9582598	-.002024	.0047989	87.12138
#3	.1169001	-.010552	.9368339	-.008997	-.000012	87.04615

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.280901	.0058806	.0128060	40.85769	.1168447	.1114419
Stddev	.005539	.0001409	.0003236	.12733	.0006753	.0008324
%RSD	.4323977	2.396261	2.526751	.3116458	.5779559	.7469283
#1	1.274595	.0057202	.0126501	40.71157	.1167979	.1106912
#2	1.283127	.0059843	.0131780	40.91665	.1161940	.1123371
#3	1.284980	.0059374	.0125899	40.94485	.1175422	.1112974

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2386803	217.8899	17.00320	19.45450	.1510594	-.022965
Stddev	.0034250	.6444	.05757	.09773	.0020423	.000189
%RSD	1.434959	.2957365	.3385878	.5023615	1.351993	.8238888
#1	.2425139	217.2366	16.93972	19.34269	.1493796	-.022786
#2	.2359220	218.5250	17.01784	19.49715	.1533327	-.022944
#3	.2376050	217.9079	17.05204	19.52365	.1504658	-.023163

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.733692	.2297718	.8274815	6.094195	F 11.32513	.0504712
Stddev	.176392	.0054040	.0032372	.105048	.17197	.0028275
%RSD	10.17438	2.351883	.3912105	1.723742	1.518488	5.602257
#1	1.934921	.2300377	.8301513	5.975735	11.17936	.0528552
#2	1.660362	.2242397	.8238809	6.130826	11.51479	.0512112
#3	1.605793	.2350378	.8284125	6.176023	11.28124	.0473473

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-21 Acquired: 12/03/2024 1:57:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034126	1.581058	5.893025	.1767632	1.660769	.0631899
Stddev	.0005597	.030734	.004807	.0035906	.008757	.0011992
%RSD	16.40146	1.943895	.0815669	2.031296	.5272859	1.897828
#1	.0036396	1.550515	5.887564	.1742569	1.650774	.0618183
#2	.0038231	1.611980	5.894901	.1808766	1.667095	.0637103
#3	.0027750	1.580681	5.896612	.1751561	1.664436	.0640409

Elem	Sr4077
Units	ppm
Avg	.2018976
Stddev	.0007490
%RSD	.3709859
#1	.2010337
#2	.2023647
#3	.2022945

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1227.845	36335.12	6999.452	1083.434	1737.045
Stddev	9.549	61.98	10.678	3.153	20.913
%RSD	.7777201	.1705831	.1525523	.2909871	1.203947
#1	1237.432	36263.55	7008.957	1082.459	1755.712
#2	1218.334	36370.32	7001.501	1086.959	1714.444
#3	1227.768	36371.48	6987.898	1080.884	1740.978

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-22 Acquired: 12/03/2024 2:02:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	s .0739405	s .0032587	s 1.410641	k .0046594	k .0049755	72.60707
Stddev	.0758866	.0210056	1.087358	.0130931	.0045551	.37537
%RSD	102.6320	644.5944	77.08252	281.0025	91.54915	.5169911
#1	.1143598	-.011131	2.077186	.0019812	.0061740	72.39483
#2	.1210622	-.006456	1.998854	-.006888	.0088116	73.04049
#3	s -.013600	s .027363	s .155883	k .018885	k -.000059	72.38591

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035810	k .0054682	s .0102116	406.2155	k .1546135	s .0682557
Stddev	.011674	.0005317	.0145396	2.5844	.0048261	.0541733
%RSD	.5734552	9.723040	142.3835	.6362083	3.121419	79.36815
#1	2.029200	.0056945	.0191864	404.8588	.1507263	.1014795
#2	2.049289	.0058493	.0180119	409.1957	.1600153	.0975445
#3	2.028939	k .0048608	s -.006564	404.5920	k .1530990	s .0057431

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	k .4157253	198.9695	k 15.75274	107.2559	s .1438789	k -.008633
Stddev	.0058948	1.0928	.10602	.7055	.1129305	.001917
%RSD	1.417960	.5492162	.6730255	.6577962	78.48996	22.20976
#1	.4089449	198.6007	15.68971	106.9698	.2128127	-.010709
#2	.4185967	200.1990	15.87514	108.0595	.2052733	-.006929
#3	k .4196342	198.1088	k 15.69336	106.7383	s .0135507	k -.008261

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.451699	k .2025851	k 4.893425	14.14285	sF 13.56203	k .0955230
Stddev	.148922	.0017718	.189012	.15138	10.80563	.0019693
%RSD	6.074230	.8745977	3.862577	1.070394	79.67559	2.061611
#1	2.365214	.2045125	4.782732	14.06952	20.20221	.0974567
#2	2.623658	.2010272	5.111670	14.31693	19.39031	.0935199
#3	2.366225	k .2022156	k 4.785873	14.04209	s 1.09357	k .0955924

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4912-22 Acquired: 12/03/2024 2:02:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0033282	s 4.452127	k 7.854262	s .0541962	k 1.013409	.0787806
Stddev	.0027715	3.577244	.131032	.0454871	.005169	.0023428
%RSD	83.27370	80.34911	1.668287	83.93030	.5100853	2.973880
#1	.0047982	6.678239	7.807154	.0832990	1.012954	.0762673
#2	.0050549	6.352374	8.002335	.0775110	1.018791	.0809041
#3	.0001314	s .325768	k 7.753298	s .0017787	k 1.008483	.0791702

Elem	Sr4077
Units	ppm
Avg	.4204046
Stddev	.0032192
%RSD	.7657471
#1	.4177863
#2	.4239989
#3	.4194286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1807.248	32749.91	6737.514	972.5427	^ *****
Stddev	1163.333	1038.69	60.931	31.5231	-----
%RSD	64.37037	3.171583	.9043520	3.241308	-----
#1	1124.250	33343.28	6748.075	989.5833	1526.486
#2	1147.011	31550.56	6671.993	936.1670	1556.552
#3	3150.485	33355.90	6792.474	991.8776	^ -----

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-01 Acquired: 12/03/2024 2:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1033413	-.007094	2.788846	-.003138	.0123476	52.20818	1.276391
Stddev	.0020377	.002592	.024589	.004753	.0052828	.26875	.007062
%RSD	1.971815	36.54435	.8817005	151.4731	42.78425	.5147643	.5532869
#1	.1049324	-.008312	2.810228	.002331	.0149907	51.89805	1.268451
#2	.1040469	-.008853	2.761977	-.006269	.0157872	52.37298	1.281971
#3	.1010446	-.004117	2.794332	-.005474	.0062649	52.35349	1.278753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040462	.0164297	112.3092	.1518202	.0758670	.6834355	141.1607
Stddev	.0002836	.0002822	.6492	.0028172	.0005889	.0066983	.7901
%RSD	7.008536	1.717605	.5780663	1.855629	.7762810	.9800965	.5597411
#1	.0043171	.0164339	111.5647	.1540767	.0765425	.6779530	140.2506
#2	.0040701	.0161455	112.7573	.1486627	.0754608	.6814518	141.5597
#3	.0037514	.0167098	112.6057	.1527212	.0755979	.6909015	141.6718

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.666616	32.74313	.1602732	-.011023	1.155354	.1529453	2.300774
Stddev	.053473	.31402	.0014182	.000894	.300330	.0013337	.036479
%RSD	.5531698	.9590531	.8848451	8.110168	25.99462	.8719847	1.585498
#1	9.607644	32.38064	.1604723	-.010433	1.289725	.1515876	2.336756
#2	9.711946	32.93228	.1587660	-.012051	1.365037	.1542535	2.263818
#3	9.680257	32.91647	.1615813	-.010584	.811299	.1529948	2.301748

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.581276	9.137696	.0564300	.0033058	2.443422	5.019033	.1556999
Stddev	.146758	.072988	.0022605	.0002460	.018732	.013098	.0042409
%RSD	1.935798	.7987552	4.005793	7.441155	.7666153	.2609681	2.723778
#1	7.412030	9.153009	.0574361	.0032110	2.457825	5.003922	.1517568
#2	7.658488	9.058267	.0580128	.0035851	2.422246	5.027136	.1551567
#3	7.673308	9.201812	.0538412	.0031213	2.450195	5.026041	.1601863

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-01 Acquired: 12/03/2024 2:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	1.005739	.0491639	.2072530
Stddev	.003126	.0002218	.0011742
%RSD	.3108003	.4511385	.5665642
#1	1.002136	.0489393	.2059015
#2	1.007718	.0491696	.2078346
#3	1.007364	.0493828	.2080230

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1126.992	33613.13	6537.781	1005.672	1684.827
Stddev	6.775	367.65	17.595	14.959	8.011
%RSD	.6011614	1.093765	.2691282	1.487481	.4754620
#1	1120.737	33246.99	6550.025	990.905	1680.020
#2	1134.189	33982.27	6517.618	1020.817	1694.074
#3	1126.050	33610.12	6545.701	1005.295	1680.386

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-05 Acquired: 12/03/2024 2:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1453208	-.004177	9.698123	-.013884	.0327832	67.66245
Stddev	.0039528	.002322	.078161	.008126	.0031733	1.69061
%RSD	2.720031	55.58477	.8059385	58.52570	9.679743	2.498589
#1	.1442411	-.006459	9.613992	-.017260	.0347812	66.57325
#2	.1420201	-.001817	9.768483	-.004615	.0291241	69.61005
#3	.1497012	-.004255	9.711893	-.019778	.0344443	66.80406

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.925302	.0059572	.0406507	201.7330	.2054745	.1086725
Stddev	.094760	.0001394	.0004391	4.7944	.0012675	.0006253
%RSD	2.414070	2.339469	1.080160	2.376613	.6168714	.5753799
#1	3.867210	.0058777	.0401486	198.8113	.2041923	.1079576
#2	4.034649	.0058758	.0408403	207.2662	.2067268	.1091176
#3	3.874046	.0061181	.0409630	199.1214	.2055043	.1089423

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73722	247.2935	12.26098	34.94081	.2689988	-.014797
Stddev	.25100	5.7459	.27897	.94069	.0028848	.000696
%RSD	2.337705	2.323513	2.275303	2.692248	1.072434	4.704924
#1	10.58155	243.5362	12.09515	34.35928	.2658068	-.014511
#2	11.02678	253.9079	12.58306	36.02610	.2714198	-.015591
#3	10.60333	244.4364	12.10472	34.43705	.2697697	-.014290

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.650466	.2115679	8.141575	8.205581	F 15.52394	.0985107
Stddev	.155423	.0076675	.057202	.212214	.15432	.0032049
%RSD	5.863983	3.624122	.7025894	2.586216	.9940486	3.253391
#1	2.826527	.2060587	8.078119	8.003924	15.36721	.0964714
#2	2.532300	.2203248	8.189180	8.426974	15.67572	.1022048
#3	2.592571	.2083204	8.157426	8.185845	15.52890	.0968558

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-05 Acquired: 12/03/2024 2:11:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073309	3.736989	5.642136	.4018851	1.309156	.0731532
Stddev	.0007663	.040788	.116372	.0072253	.030561	.0031036
%RSD	10.45295	1.091460	2.062556	1.797845	2.334443	4.242616
#1	.0074499	3.689903	5.543873	.3936410	1.289011	.0704481
#2	.0065121	3.761438	5.770645	.4048975	1.344321	.0765415
#3	.0080307	3.759626	5.611890	.4071166	1.294135	.0724699

Elem	Sr4077
Units	ppm
Avg	.5896203
Stddev	.0130287
%RSD	2.209673
#1	.5810514
#2	.6046135
#3	.5831960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1119.746	34064.24	6496.291	1010.083	1629.022
Stddev	9.526	93.31	129.401	5.083	13.771
%RSD	.8507141	.2739234	1.991920	.5032437	.8453652
#1	1128.362	34144.63	6571.154	1013.889	1642.852
#2	1109.516	33961.92	6346.872	1004.310	1615.310
#3	1121.359	34086.16	6570.847	1012.050	1628.905

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-06 Acquired: 12/03/2024 2:15:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1865486	-.005426	13.91416	-.012652	.0504091	73.19032
Stddev	.0029699	.002384	.40866	.008438	.0038046	.49991
%RSD	1.592027	43.93636	2.937029	66.69301	7.547467	.6830336
#1	.1854869	-.004252	14.27963	-.018049	.0474035	73.76072
#2	.1842555	-.008170	13.98995	-.016978	.0546867	72.82829
#3	.1899035	-.003857	13.47291	-.002928	.0491370	72.98196

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.412691	.0071084	.0373168	167.0844	.2859113	.0915700
Stddev	.046064	.0001609	.0011700	1.2598	.0019461	.0030689
%RSD	.7183239	2.263495	3.135404	.7539679	.6806794	3.351372
#1	6.458843	.0070215	.0382813	168.2204	.2875962	.0945712
#2	6.366716	.0070097	.0376540	165.7295	.2837811	.0917011
#3	6.412515	.0072941	.0360152	167.3033	.2863565	.0884377

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.20295	235.3713	10.14049	22.63712	.2474800	-.008151
Stddev	.08858	1.3199	.10328	.18182	.0081124	.000206
%RSD	.7259098	.5607532	1.018501	.8032056	3.277980	2.526299
#1	12.29923	236.8386	10.23761	22.78714	.2547422	-.008062
#2	12.12490	234.2809	10.03199	22.43491	.2489729	-.008004
#3	12.18472	234.9945	10.15187	22.68931	.2387249	-.008386

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.364488	.2530646	10.96383	8.250035	F 15.81408	.1231794
Stddev	.508386	.0019678	.02050	.083328	.48348	.0028823
%RSD	15.11036	.7775813	.1869538	1.010036	3.057275	2.339911
#1	3.716835	.2553257	10.96360	8.343108	16.23985	.1250729
#2	3.594941	.2517393	10.98444	8.224634	15.91390	.1198623
#3	2.781688	.2521289	10.94345	8.182363	15.28848	.1246030

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: P4932-06 Acquired: 12/03/2024 2:15:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098564	3.983172	5.636132	.5898318	1.296412	.0708953
Stddev	.0006976	.118835	.053312	.0165693	.010931	.0000685
%RSD	7.077416	2.983429	.9459034	2.809153	.8431446	.0966052
#1	.0104210	4.088618	5.678966	.5991145	1.309032	.0709374
#2	.0090765	4.006491	5.576424	.5996788	1.289921	.0708163
#3	.0100717	3.854405	5.653005	.5707020	1.290283	.0709323

Elem	Sr4077
Units	ppm
Avg	.8213553
Stddev	.0064751
%RSD	.7883370
#1	.8282772
#2	.8154466
#3	.8203420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1101.490	32797.46	6436.060	970.7896	1677.940
Stddev	24.455	99.66	47.971	3.7549	45.676
%RSD	2.220211	.3038749	.7453528	.3867882	2.722144
#1	1082.593	32684.88	6391.647	968.6875	1637.908
#2	1092.766	32833.13	6486.935	968.5566	1668.218
#3	1129.111	32874.39	6429.599	975.1247	1727.694

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV077 Acquired: 12/03/2024 2:19:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.288524	5.189174	24.43303	4.979370	4.745299	395.2752
Stddev	.047929	.042424	.22796	.064781	.062428	3.4115
%RSD	.9062773	.8175544	.9330033	1.300992	1.315586	.8630732
#1	5.306343	5.196781	24.44614	4.991560	4.747848	391.4275
#2	5.234238	5.143460	24.19880	4.909359	4.681635	397.9303
#3	5.324991	5.227279	24.65416	5.037190	4.806413	396.4680

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.718679	.5200511	2.588169	396.3578	14.85607	2.473566
Stddev	.066282	.0045065	.021894	2.1399	.81701	.025801
%RSD	.6820086	.8665574	.8459422	.5399024	5.499529	1.043075
#1	9.682516	.5200715	2.591105	395.0784	15.34895	2.474039
#2	9.795177	.5245474	2.564954	398.8283	15.30628	2.447532
#3	9.678343	.5155344	2.608446	395.1668	13.91299	2.499128

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.73196	402.7353	14.40409	418.6270	2.440035	1.200334
Stddev	.11912	3.9350	.08464	4.1513	.021789	.068776
%RSD	.8085874	.9770780	.5875809	.9916392	.8929944	5.729760
#1	14.64117	398.8965	14.37058	414.5275	2.440225	1.239515
#2	14.86684	406.7600	14.50035	422.8282	2.418151	1.240566
#3	14.68787	402.5495	14.34133	418.5254	2.461729	1.120920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.1177	2.463089	13.67013	150.4962	5.121295	4.527090
Stddev	2.7726	.008910	.88355	1.4657	.037637	.040057
%RSD	.6929429	.3617319	6.463349	.9738976	.7349155	.8848256
#1	397.4312	2.463497	14.12941	149.6217	5.121433	4.508855
#2	402.9690	2.471787	14.22944	152.1883	5.083589	4.573020
#3	399.9529	2.453982	12.65153	149.6786	5.158863	4.499395

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCV077 Acquired: 12/03/2024 2:19:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV077 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Li6707
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848960	4.956191	F 3.461749	4.962373	4.954133	4.793786
Stddev	.058955	.042819	.040863	.042493	.042364	.032414
%RSD	1.215835	.8639482	1.180408	.8563066	.8551162	.6761586
#1	4.863113	4.940417	3.469364	4.959517	4.916185	4.772869
#2	4.784216	4.923497	3.498269	4.921379	4.999840	4.831124
#3	4.899551	5.004659	3.417614	5.006222	4.946375	4.777364

Elem	Sr4077
Units	ppm
Avg	4.873509
Stddev	.040306
%RSD	.8270502
#1	4.836525
#2	4.916470
#3	4.867532

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	827.1764	27083.04	5478.128	719.6499	1372.145
Stddev	8.4682	1269.44	21.997	41.2425	11.404
%RSD	1.023750	4.687230	.4015386	5.730915	.8311299
#1	825.8271	26285.77	5500.250	697.0962	1373.104
#2	836.2383	26416.42	5456.258	694.6026	1383.039
#3	819.4639	28546.92	5477.875	767.2509	1360.291

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB077 Acquired: 12/03/2024 2:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078162	-.002108	-.002164	-.000575	.0028966	.0077448	.0011419
Stddev	.0009566	.002339	.001852	.008305	.0016909	.0072179	.0005816
%RSD	12.23905	110.9506	85.57146	1443.587	58.37591	93.19666	50.93141
#1	.0069190	.000592	-.003214	-.002747	.0009441	.0158238	.0013575
#2	.0077068	-.003429	-.003252	.008599	.0038762	.0054790	.0004833
#3	.0088228	-.003487	-.000026	-.007578	.0038695	.0019317	.0015848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001071	-.000035	.0034183	.0007770	-.000048	.0015754	.0119350
Stddev	.0001003	.000030	.0051117	.0006892	.000252	.0009766	.0126505
%RSD	93.63656	85.80254	149.5381	88.70221	525.9634	61.99165	105.9946
#1	.0000032	-.000047	.0048986	.0000160	-.000026	.0023207	.0093788
#2	.0002034	-.000001	-.002270	.0013591	-.000310	.0004698	.0007578
#3	.0001148	-.000057	.007626	.0009558	.000192	.0019359	.0256683

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004995	-.010972	.0007124	.0004724	.0943017	-.001881	.0005404
Stddev	.0005216	.023448	.0004922	.0004489	.0793320	.005988	.0003009
%RSD	104.4310	213.7046	69.09988	95.02811	84.12580	318.3618	55.67878
#1	-.000080	-.022966	.0004282	.0004670	.1848500	-.003287	.0002046
#2	.000646	-.025997	.0004281	.0009241	.0610407	-.007041	.0006312
#3	.000932	.016047	.0012807	.0000263	.0370142	.004685	.0007854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.555413	.0004205	-.001261	.0003081	.0058006	.0002688	-.000692
Stddev	.135775	.0029450	.000935	.0002967	.0004729	.0005510	.002648
%RSD	24.44568	700.4087	74.16526	96.29829	8.153383	204.9820	382.7717
#1	-.404096	-.002927	-.000194	.0003700	.0063462	.0008647	.001446
#2	-.595548	.002611	-.001650	.0005688	.0055493	.0001641	-.003655
#3	-.666596	.001577	-.001940	-.000015	.0055064	-.000222	.000133

Reviewed By:kareem
On:12/5/2024 8:14:16 PM
Inst Id :P5

Sample Name: CCB077 Acquired: 12/03/2024 2:24:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL(v757) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB077 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Li6707	Sr4077
Units	ppm	ppm	ppm
Avg	.0006341	-.010102	.0001861
Stddev	.0013402	.001665	.0000689
%RSD	211.3360	16.47910	37.01185
#1	-.000067	-.008425	.0002631
#2	-.000210	-.011754	.0001649
#3	.002179	-.010128	.0001303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1033.923	30222.62	5663.291	911.7366	1933.060
Stddev	2.340	159.67	6.221	1.9695	1.795
%RSD	.2262823	.5283112	.1098554	.2160145	.0928414
#1	1036.544	30076.31	5657.068	912.1662	1934.784
#2	1033.178	30198.62	5663.293	909.5877	1933.193
#3	1032.046	30392.93	5669.511	913.4558	1931.202