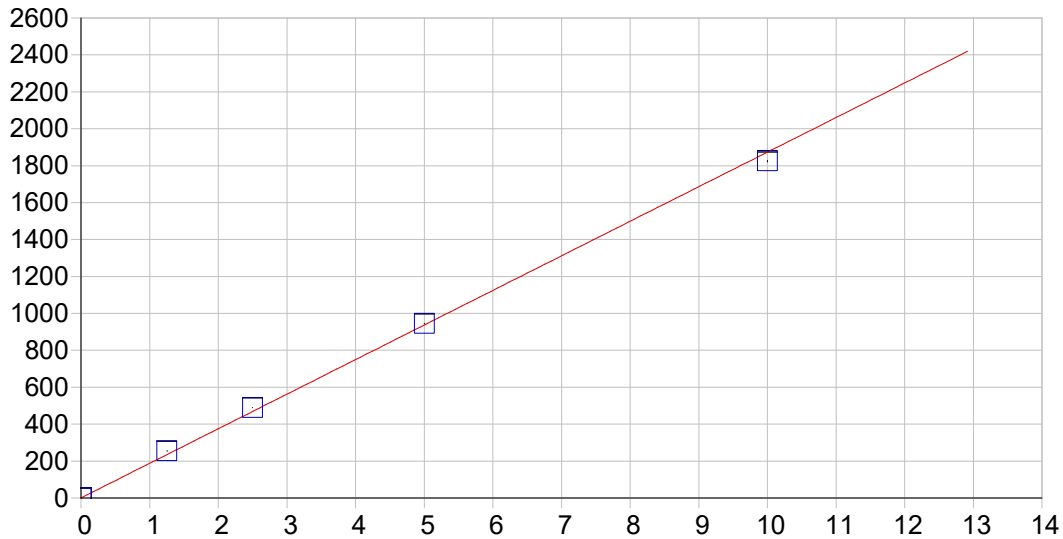
Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



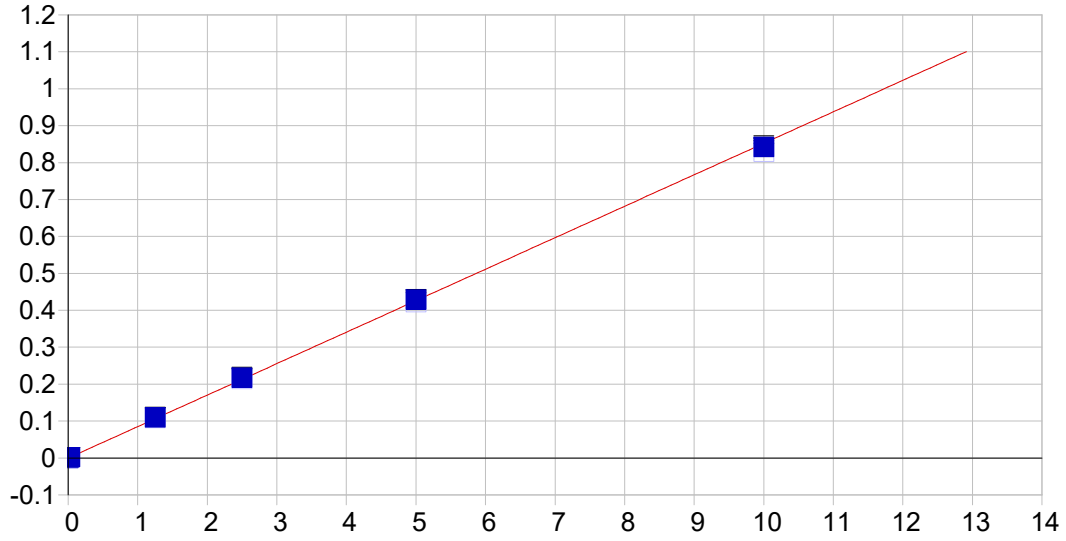
As 189.042 {478}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.483678	Re-Slope:	1.000000
A1 (Gain):	187.287728	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999431	Status:	OK.
Std Error of Est:	0.105947		
Predicted MDL:	0.003676		
Predicted MQL:	0.012254		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.48326	.483	1
S1	.01000	.01112	.001	11.2	2.5670	.128	1
S2	1.2500	1.3566	.107	8.53	254.56	.077	1
S3	2.5000	2.6116	.112	4.46	489.60	1.23	1
S4	5.0000	5.0416	.042	.832	944.72	1.80	1
S5	10.000	9.7391	-.261	-2.61	1824.5	4.42	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



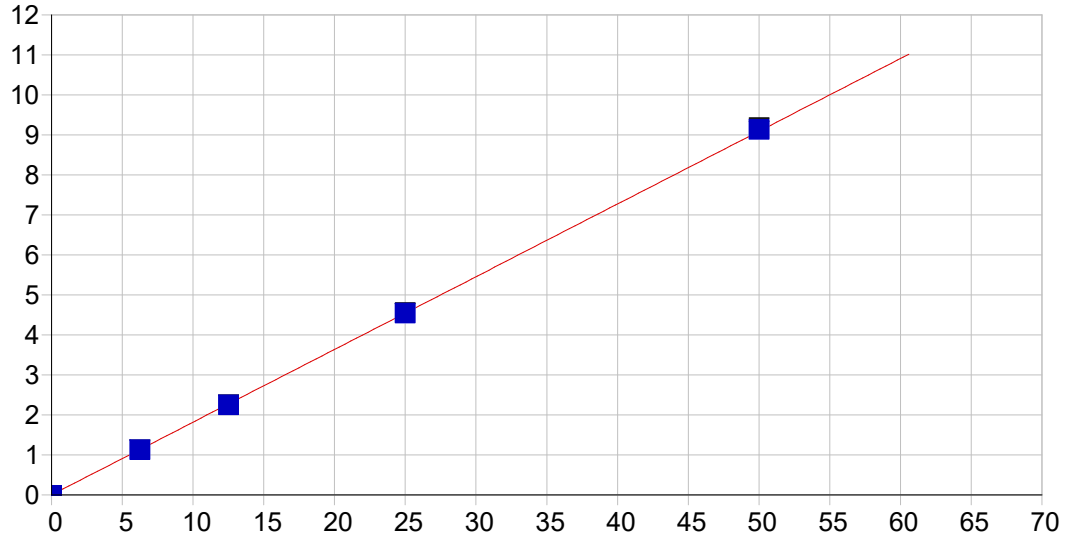
Tl 190.856 {477}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000188	Re-Slope:	1.000000
A1 (Gain):	0.085246	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999885	Status:	OK.
Std Error of Est:	0.000034		
Predicted MDL:	0.002031		
Predicted MQL:	0.006770		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.02500	.02555	.001	2.21	.00191	.000	1
S2	1.2500	1.2925	.042	3.40	.10834	.000	1
S3	2.5000	2.5516	.052	2.06	.21402	.002	1
S4	5.0000	5.0277	.028	.555	.42181	.001	1
S5	10.000	9.8777	-.122	-1.22	.82865	.003	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



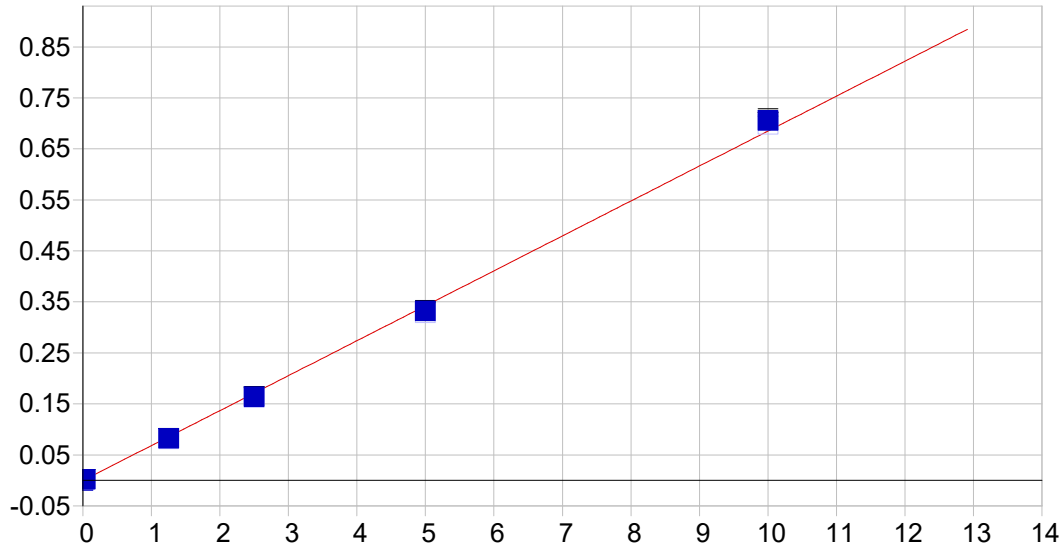
Pb 220.353 {453}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000473	Re-Slope:	1.000000
A1 (Gain):	0.181807	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999980	Status:	OK.
Std Error of Est:	0.000043		
Predicted MDL:	0.002159		
Predicted MQL:	0.007197		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00047	.000	1
S1	.01000	.00899	-.001	-10.1	.00210	.001	1
S2	6.2500	6.1915	-.059	-.936	1.1255	.003	1
S3	12.500	12.348	-.152	-1.21	2.2442	.013	1
S4	25.000	24.970	-.030	-.119	4.5376	.008	1
S5	50.000	50.241	.241	.482	9.1294	.038	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



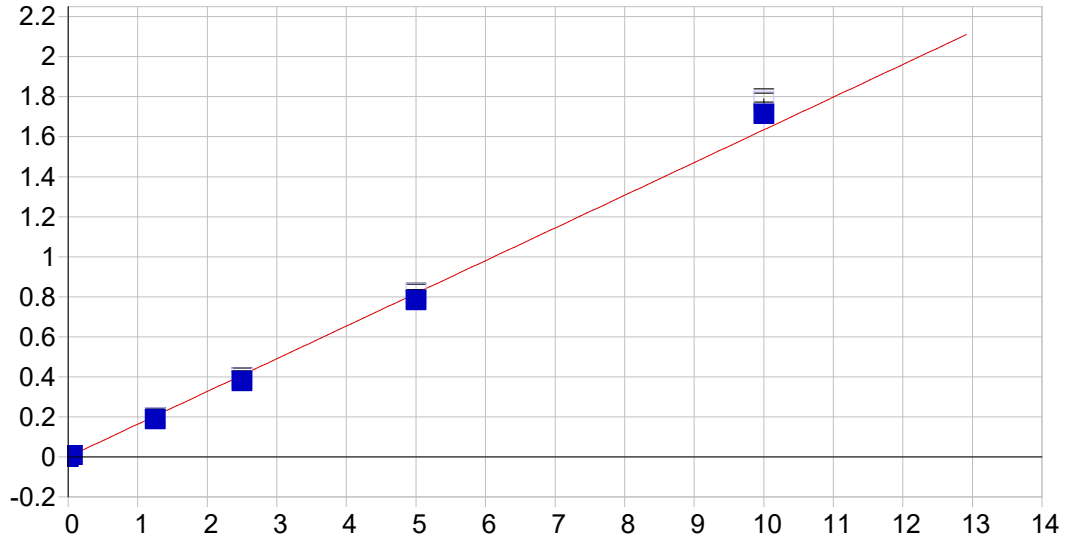
Se 196.090 {472}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000213	Re-Slope:	1.000000
A1 (Gain):	0.068510	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999472	Status:	OK.
Std Error of Est:	0.000069		
Predicted MDL:	0.004060		
Predicted MQL:	0.013534		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.03500	.03611	.001	3.18	.00226	.000	1
S2	1.2500	1.2034	-.047	-3.73	.08133	.000	1
S3	2.5000	2.3993	-.101	-4.03	.16236	.000	1
S4	5.0000	4.8474	-.153	-3.05	.32829	.001	1
S5	10.000	10.299	.299	2.99	.69817	.004	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



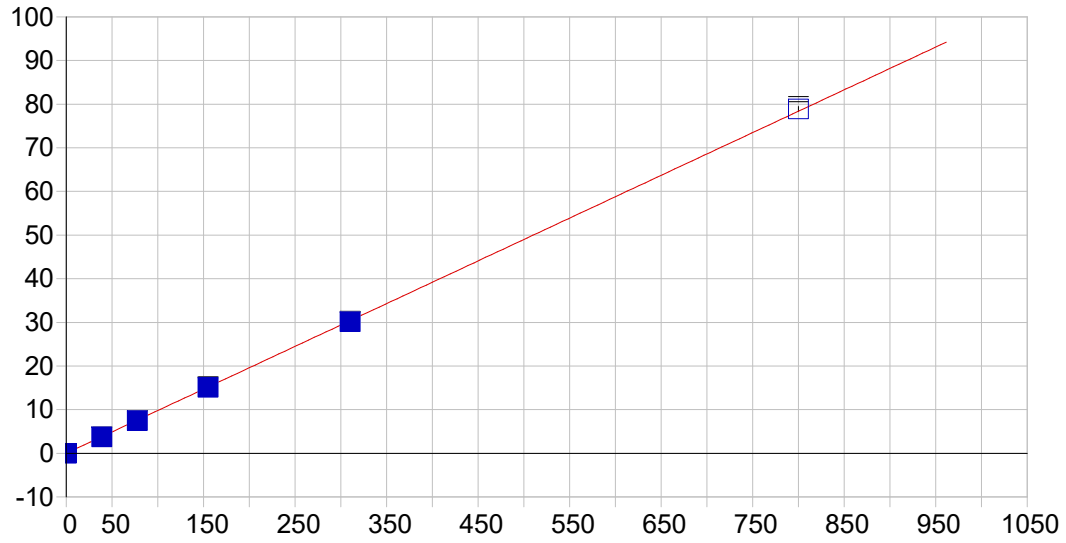
Sb 206.833 {463}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000194	Re-Slope:	1.000000
A1 (Gain):	0.163408	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998673	Status:	OK.
Std Error of Est:	0.000360		
Predicted MDL:	0.002321		
Predicted MQL:	0.007735		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00020	.000	1
S1	.06000	.05482	-.005	-8.63	.00916	.000	1
S2	1.2500	1.1529	-.097	-7.77	.19664	.000	1
S3	2.5000	2.3165	-.183	-7.34	.39485	.002	1
S4	5.0000	4.7945	-.206	-4.11	.81586	.003	1
S5	10.000	10.491	.491	4.91	1.7790	.010	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



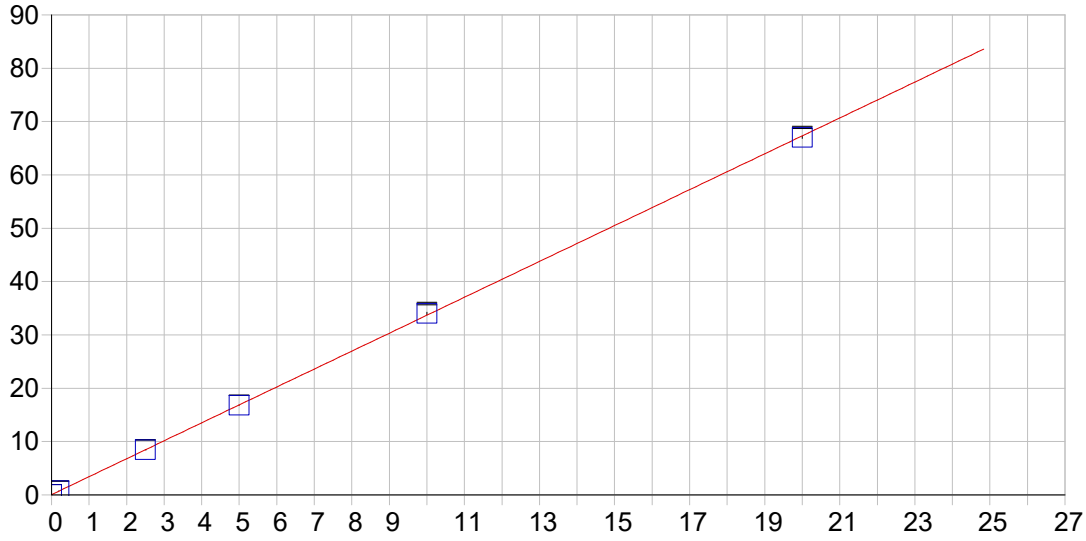
Al 396.152 { 85}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000376	Re-Slope:	1.000000
A1 (Gain):	0.097988	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999967	Status:	OK.
Std Error of Est:	0.000492		
Predicted MDL:	0.021243		
Predicted MQL:	0.070810		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00038	.001	1
S1	.20000	.21181	.012	5.90	.02041	.001	1
S2	38.750	38.270	-.480	-1.24	3.7537	.015	1
S3	77.500	76.159	-1.34	-1.73	7.4705	.004	1
S4	155.00	154.25	-.746	-.481	15.131	.123	1
S5	310.00	307.35	-2.65	-.856	30.149	.078	1
S6	800.00	805.21	5.21	.652	78.901	.600	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



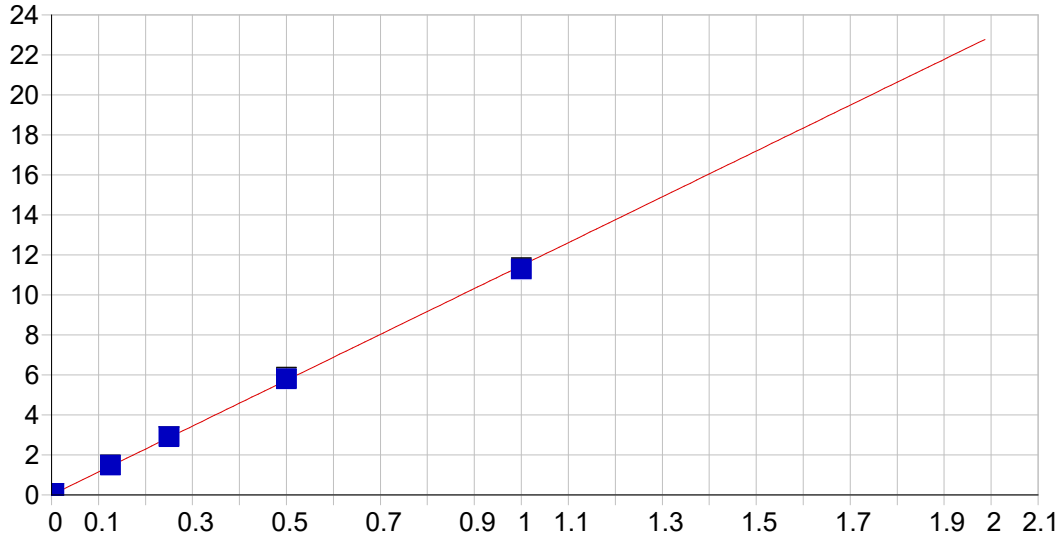
Ba 493.409 { 68}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.060901	Re-Slope:	1.000000
A1 (Gain):	3.362920	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999981	Status:	OK.
Std Error of Est:	0.002177		
Predicted MDL:	0.001442		
Predicted MQL:	0.004808		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.06088	.001	1
S1	.20000	.20513	.005	2.56	.75072	.004	1
S2	2.5000	2.4982	-.002	-.072	8.4622	.019	1
S3	5.0000	4.9852	-.015	-.295	16.826	.023	1
S4	10.000	10.094	.094	.939	34.006	.241	1
S5	20.000	19.918	-.082	-.412	67.042	.218	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



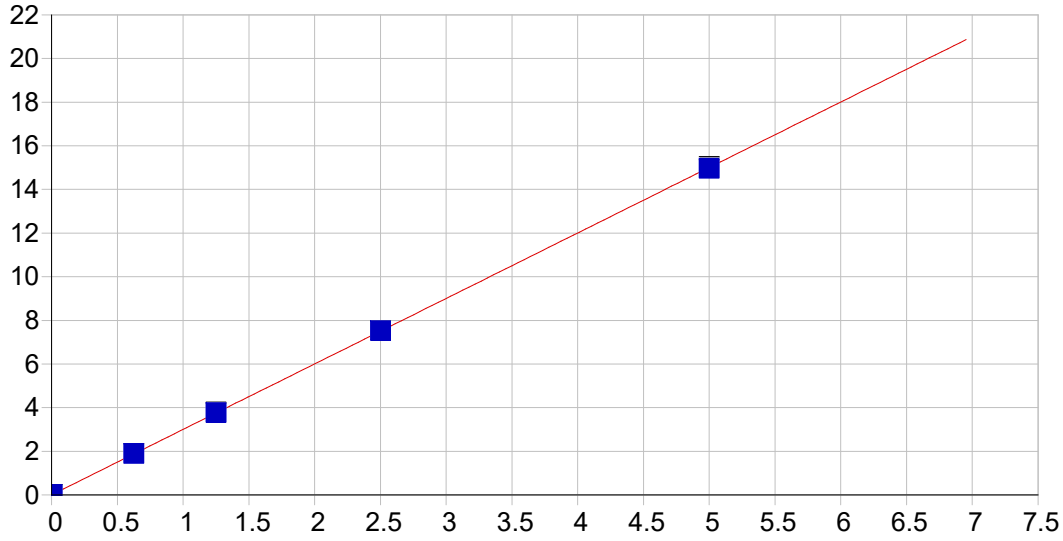
Be 234.861 {144}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002662	Re-Slope:	1.000000
A1 (Gain):	11.461841	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999869	Status:	OK.
Std Error of Est:	0.000694		
Predicted MDL:	0.000100		
Predicted MQL:	0.000334		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00266	.001	1
S1	.00500	.00534	.000	6.75	.06379	.001	1
S2	.12500	.12917	.004	3.34	1.4766	.007	1
S3	.25000	.25325	.003	1.30	2.8922	.013	1
S4	.50000	.50646	.006	1.29	5.7813	.076	1
S5	1.0000	.98578	-.014	-1.42	11.249	.057	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



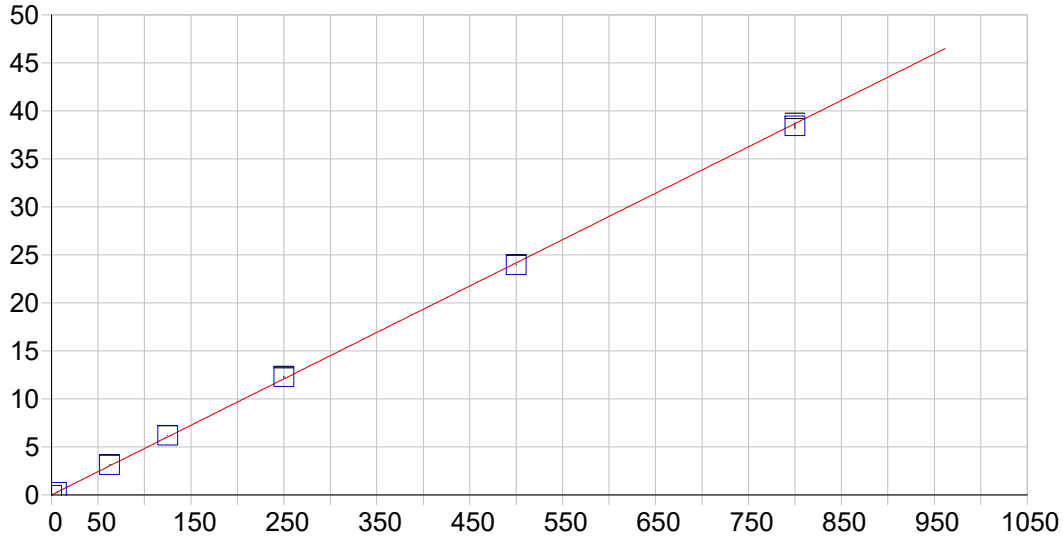
Cd 214.438 {457}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000130	Re-Slope:	1.000000
A1 (Gain):	3.001364	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000089		
Predicted MDL:	0.000089		
Predicted MQL:	0.000295		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00013	.000	1
S1	.00500	.00473	-.000	-5.32	.01439	.000	1
S2	.62500	.63009	.005	.814	1.8941	.004	1
S3	1.2500	1.2542	.004	.335	3.7702	.021	1
S4	2.5000	2.5049	.005	.195	7.5297	.012	1
S5	5.0000	4.9861	-.014	-.278	14.988	.066	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



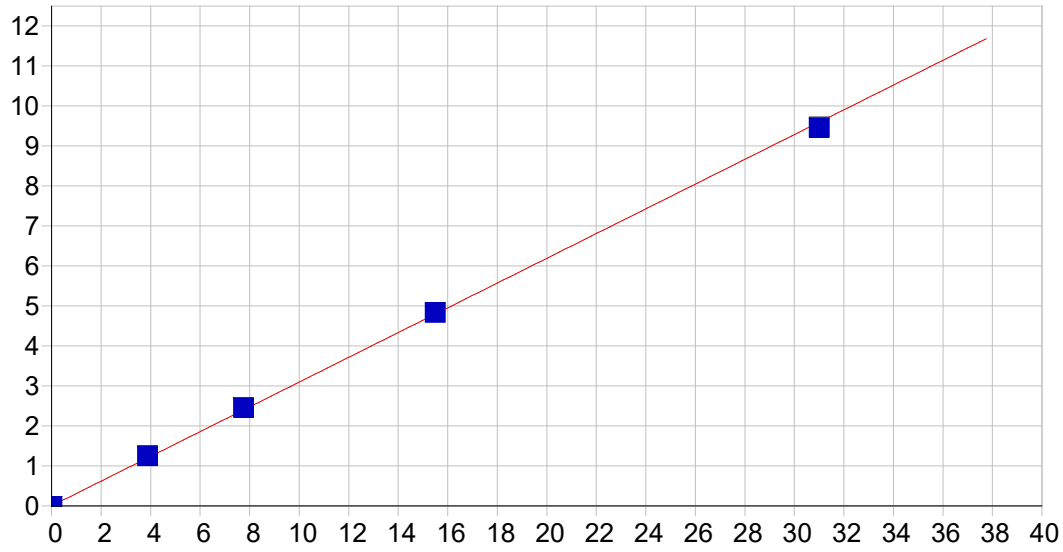
Ca 373.690 { 90}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003495	Re-Slope:	1.000000
A1 (Gain):	0.048343	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999918	Status:	OK.
Std Error of Est:	0.002163		
Predicted MDL:	0.035651		
Predicted MQL:	0.118838		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00050	-.001	.000	.00347	.002	1
S1	5.0000	5.2067	.207	4.13	.25520	.002	1
S2	62.500	64.674	2.17	3.48	3.1300	.011	1
S3	125.00	127.90	2.90	2.32	6.1864	.012	1
S4	250.00	254.05	4.05	1.62	12.285	.093	1
S5	500.00	495.51	-4.49	-.898	23.958	.041	1
S6	800.00	795.17	-4.83	-.604	38.444	.275	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



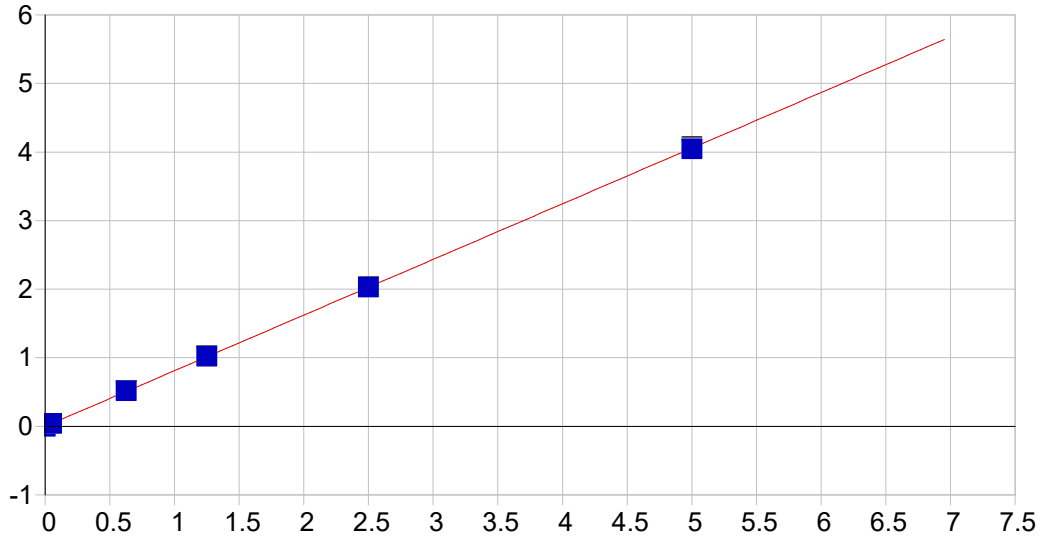
Cr 267.716 {126}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000406	Re-Slope:	1.000000
A1 (Gain):	0.309519	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999852	Status:	OK.
Std Error of Est:	0.000157		
Predicted MDL:	0.000691		
Predicted MQL:	0.002304		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00041	.000	1
S1	.01000	.01033	.000	3.29	.00361	.000	1
S2	3.8750	4.0312	.156	4.03	1.2491	.002	1
S3	7.7500	7.9267	.177	2.28	2.4557	.005	1
S4	15.500	15.604	.104	.673	4.8339	.004	1
S5	31.000	30.562	-.438	-1.41	9.4675	.007	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



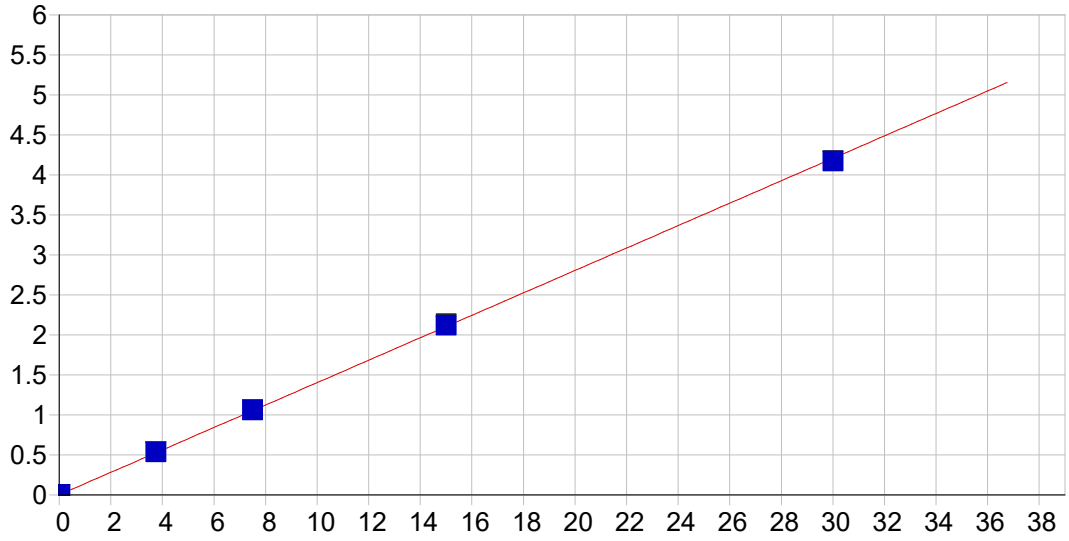
Co 228.616 {448}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000165	Re-Slope:	1.000000
A1 (Gain):	0.811374	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999985	Status:	OK.
Std Error of Est:	0.000120		
Predicted MDL:	0.000354		
Predicted MQL:	0.001181		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00017	.000	1
S1	.05000	.05065	.001	1.31	.04107	.000	1
S2	.62500	.63644	.011	1.83	.51786	.001	1
S3	1.2500	1.2556	.006	.446	1.0218	.006	1
S4	2.5000	2.4979	-.002	-.083	2.0331	.005	1
S5	5.0000	4.9844	-.016	-.312	4.0571	.018	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



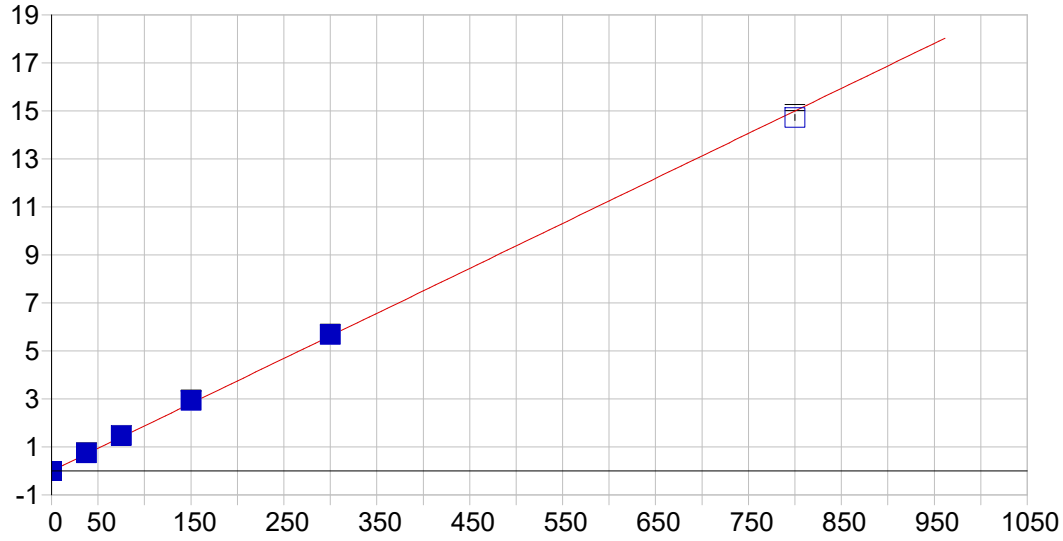
Cu 324.754 {104}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001465	Re-Slope:	1.000000
A1 (Gain):	0.140202	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999953	Status:	OK.
Std Error of Est:	0.000062		
Predicted MDL:	0.007512		
Predicted MQL:	0.025039		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00146	.001	1
S1	.02500	.02783	.003	11.3	.00536	.001	1
S2	3.7500	3.8213	.071	1.90	.53716	.001	1
S3	7.5000	7.5637	.064	.849	1.0618	.003	1
S4	15.000	15.117	.117	.779	2.1206	.014	1
S5	30.000	29.745	-.255	-.849	4.1714	.005	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



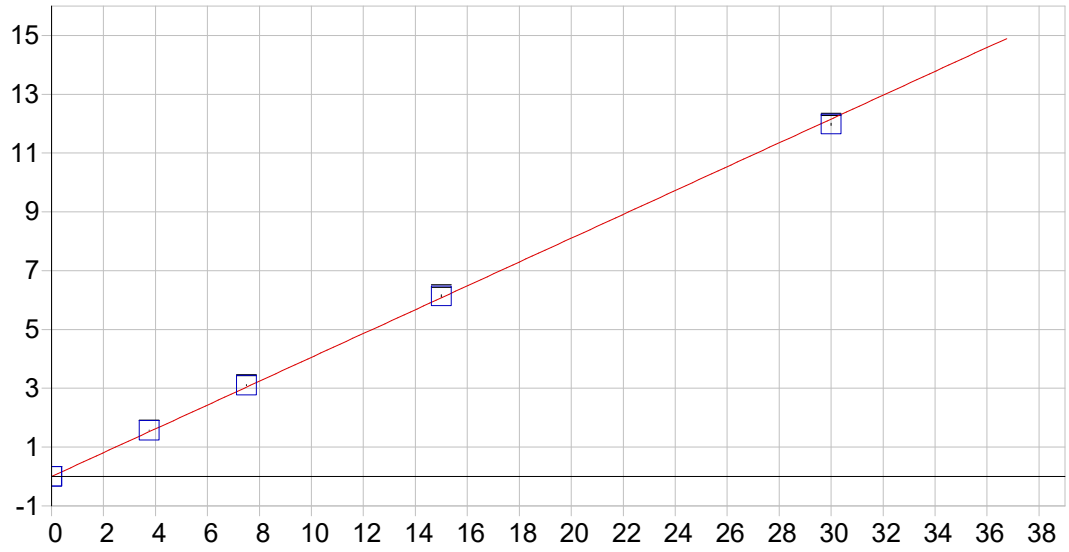
Fe 259.837 {130}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000021	Re-Slope:	1.000000
A1 (Gain):	0.018749	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999691	Status:	OK.
Std Error of Est:	0.000203		
Predicted MDL:	0.028072		
Predicted MQL:	0.093573		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00004	-.000	.000	-.00002	.000	1
S1	.10000	.12850	.028	28.5	.00239	.001	1
S2	37.500	39.721	2.22	5.92	.74488	.000	1
S3	75.000	78.460	3.46	4.61	1.4714	.002	1
S4	150.00	156.15	6.15	4.10	2.9284	.024	1
S5	300.00	302.70	2.70	.900	5.6766	.011	1
S6	800.00	785.43	-14.6	-1.82	14.726	.132	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



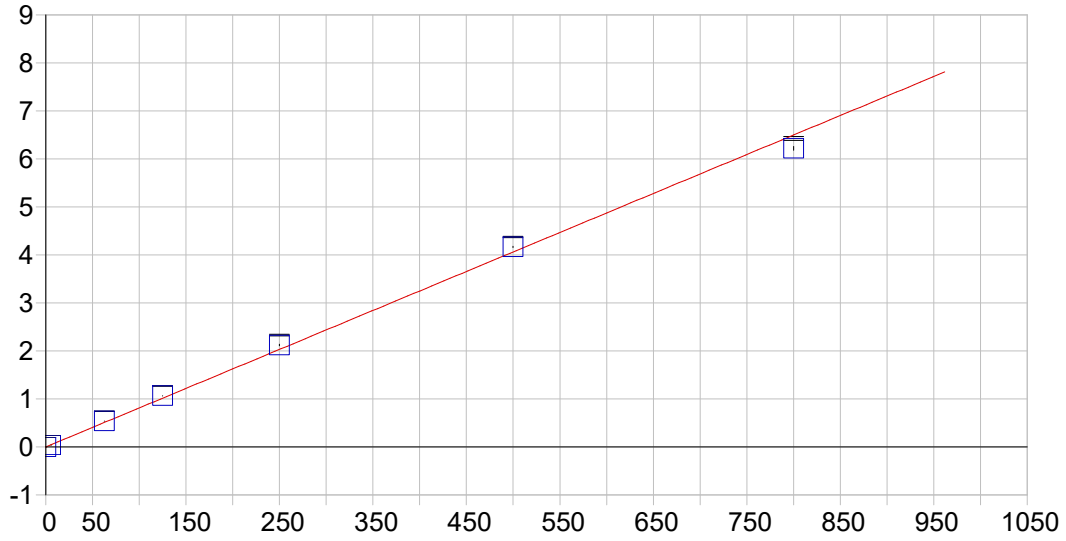
Mn 257.610 {131}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000193	Re-Slope:	1.000000
A1 (Gain):	0.405265	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999857	Status:	OK.
Std Error of Est:	0.000244		
Predicted MDL:	0.001362		
Predicted MQL:	0.004539		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.000	1
S1	.01500	.01648	.001	9.90	.00649	.000	1
S2	3.7500	3.8818	.132	3.51	1.5729	.006	1
S3	7.5000	7.6622	.162	2.16	3.1050	.016	1
S4	15.000	15.145	.145	.967	6.1376	.045	1
S5	30.000	29.560	-.440	-1.47	11.979	.034	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



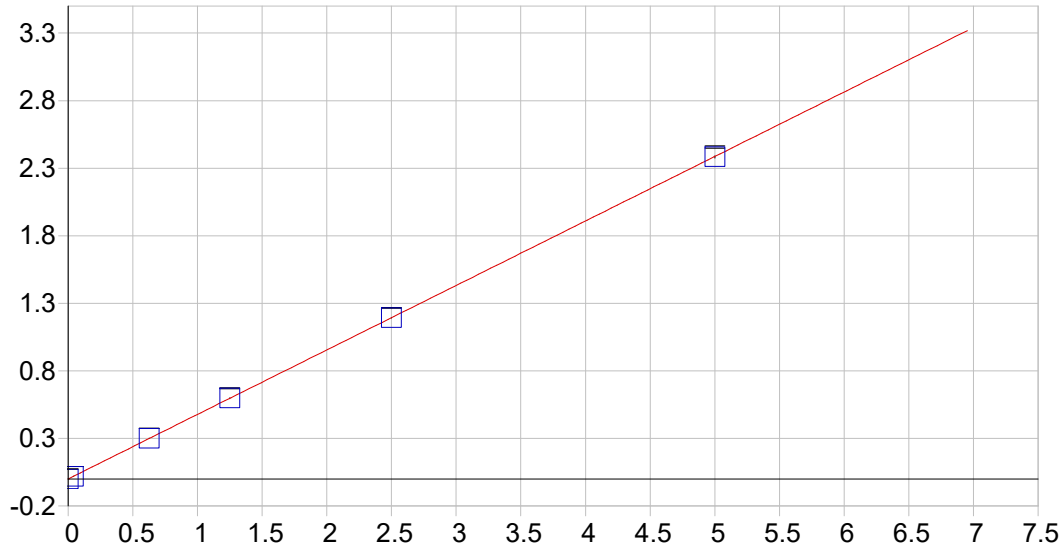
Mg 279.079 {121}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000300	Re-Slope:	1.000000
A1 (Gain):	0.008123	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999181	Status:	OK.
Std Error of Est:	0.001148		
Predicted MDL:	0.078006		
Predicted MQL:	0.260019		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00083	-.001	.000	-.00031	.000	1
S1	5.0000	5.1499	.150	3.00	.04153	.000	1
S2	62.500	66.172	3.67	5.87	.53720	.002	1
S3	125.00	131.24	6.24	5.00	1.0658	.003	1
S4	250.00	261.28	11.3	4.51	2.1220	.017	1
S5	500.00	513.03	13.0	2.61	4.1669	.016	1
S6	800.00	765.62	-34.4	-4.30	6.2187	.038	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



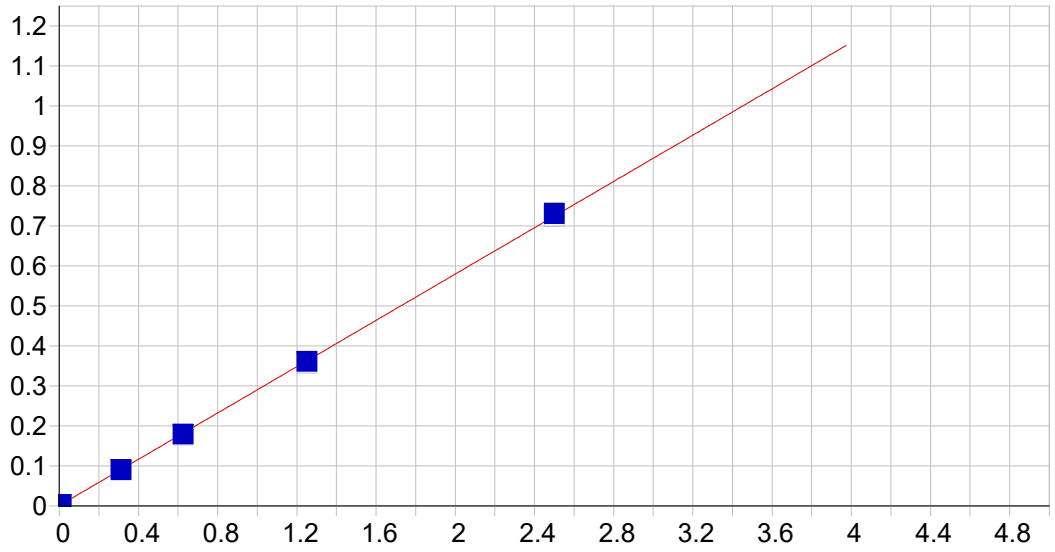
Ni 231.604 {446}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000086	Re-Slope:	1.000000
A1 (Gain):	0.477276	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999998	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.000621		
Predicted MQL:	0.002069		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00009	.000	1
S1	.04000	.03971	-.000	-.713	.01904	.000	1
S2	.62500	.62917	.004	.666	.30037	.001	1
S3	1.2500	1.2519	.002	.152	.59759	.003	1
S4	2.5000	2.5005	.000	.019	1.1935	.003	1
S5	5.0000	4.9937	-.006	-.125	2.3835	.009	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



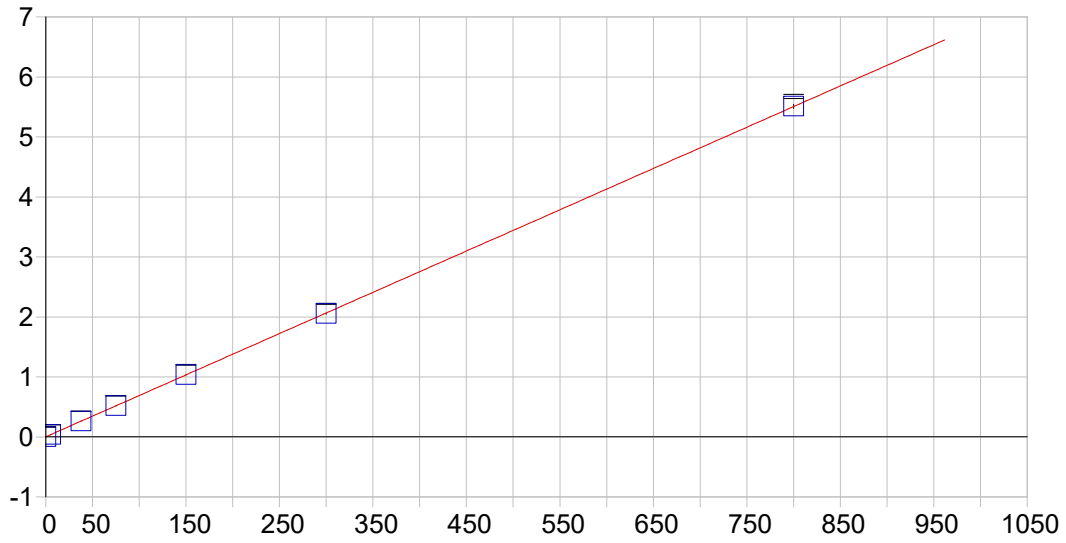
Ag 328.068 {103}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000903	Re-Slope:	1.000000
A1 (Gain):	0.289500	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.001258		
Predicted MQL:	0.004193		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00090	.000	1
S1	.01000	.00976	-.000	-2.41	.00372	.000	1
S2	.31250	.30806	-.004	-1.42	.08900	.000	1
S3	.62500	.61547	-.010	-1.52	.17691	.000	1
S4	1.2500	1.2425	-.008	-.604	.35625	.001	1
S5	2.5000	2.5218	.022	.870	.72227	.001	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



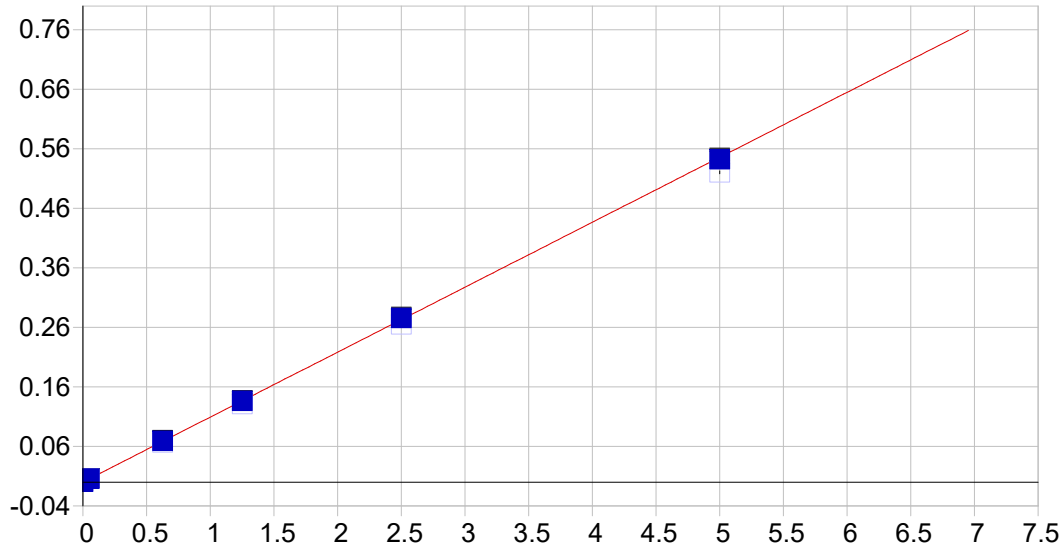
Na 818.326 { 41}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002398	Re-Slope:	1.000000
A1 (Gain):	0.006878	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000072		
Predicted MDL:	0.580706		
Predicted MQL:	1.935687		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.00240	.003	1
S1	5.0000	5.1035	.103	2.07	.03750	.001	1
S2	37.500	37.849	.349	.932	.26274	.002	1
S3	75.000	75.021	.021	.028	.51841	.001	1
S4	150.00	150.32	.325	.216	1.0364	.004	1
S5	300.00	298.40	-1.60	-.534	2.0549	.008	1
S6	800.00	800.80	.803	.100	5.5105	.036	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



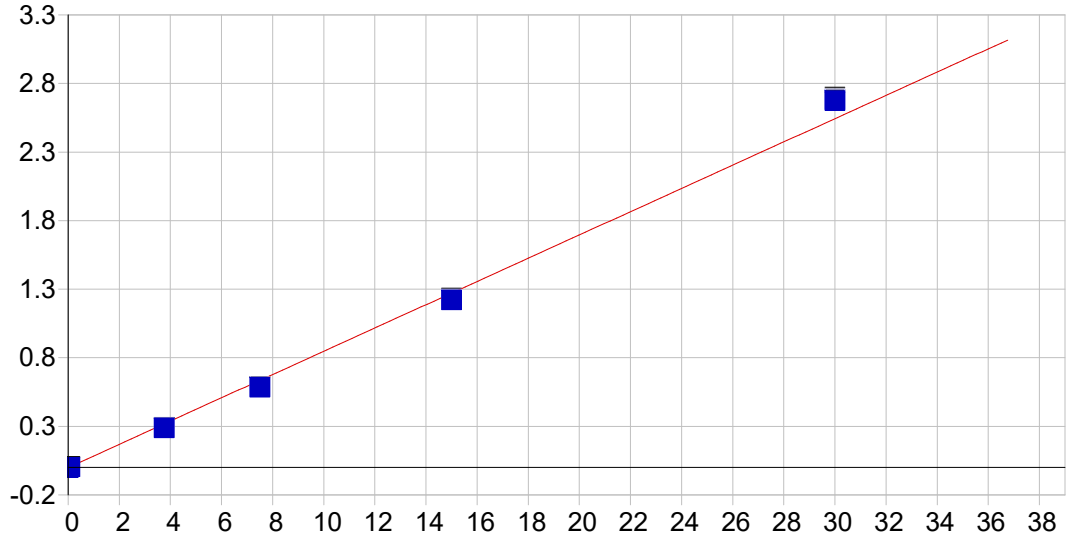
V 292.402 {115}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000079	Re-Slope:	1.000000
A1 (Gain):	0.109155	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999958	Status:	OK.
Std Error of Est:	0.000025		
Predicted MDL:	0.007828		
Predicted MQL:	0.026092		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00008	.001	1
S1	.05000	.05329	.003	6.59	.00588	.000	1
S2	.62500	.63092	.006	.946	.06621	.001	1
S3	1.2500	1.2484	-.002	-.126	.13088	.001	1
S4	2.5000	2.5245	.025	.981	.26471	.001	1
S5	5.0000	4.9677	-.032	-.646	.52046	.002	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



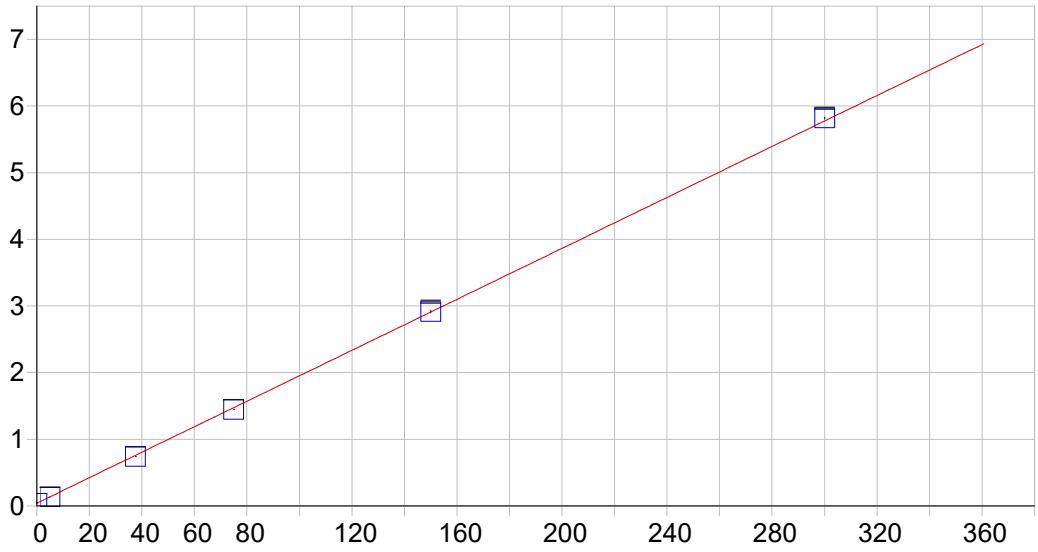
Zn 213.856 {158}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000670	Re-Slope:	1.000000
A1 (Gain):	0.084812	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998397	Status:	OK.
Std Error of Est:	0.000344		
Predicted MDL:	0.005228		
Predicted MQL:	0.017426		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00067	.000	1
S1	.06000	.05528	-.005	-7.86	.00403	.000	1
S2	3.7500	3.3986	-.351	-9.37	.28913	.003	1
S3	7.5000	6.9043	-.596	-7.94	.58801	.004	1
S4	15.000	14.412	-.588	-3.92	1.2278	.008	1
S5	30.000	31.540	1.54	5.13	2.6868	.012	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



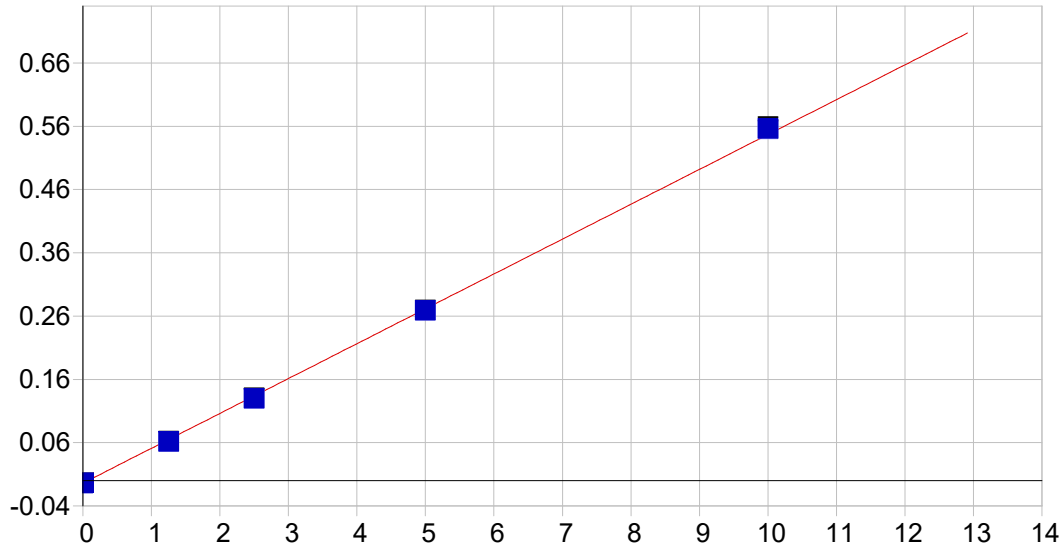
K 769.896 { 44}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.041081	Re-Slope:	1.000000
A1 (Gain):	0.019116	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999927	Status:	OK.
Std Error of Est:	0.000475		
Predicted MDL:	0.171709		
Predicted MQL:	0.572365		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00038	.000	.000	.04109	.004	1
S1	5.0000	4.7992	-.201	-4.02	.13282	.002	1
S2	37.500	36.575	-.925	-2.47	.74026	.002	1
S3	75.000	73.427	-1.57	-2.10	1.4447	.001	1
S4	150.00	150.43	.428	.285	2.9167	.020	1
S5	300.00	302.27	2.27	.757	5.8193	.012	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



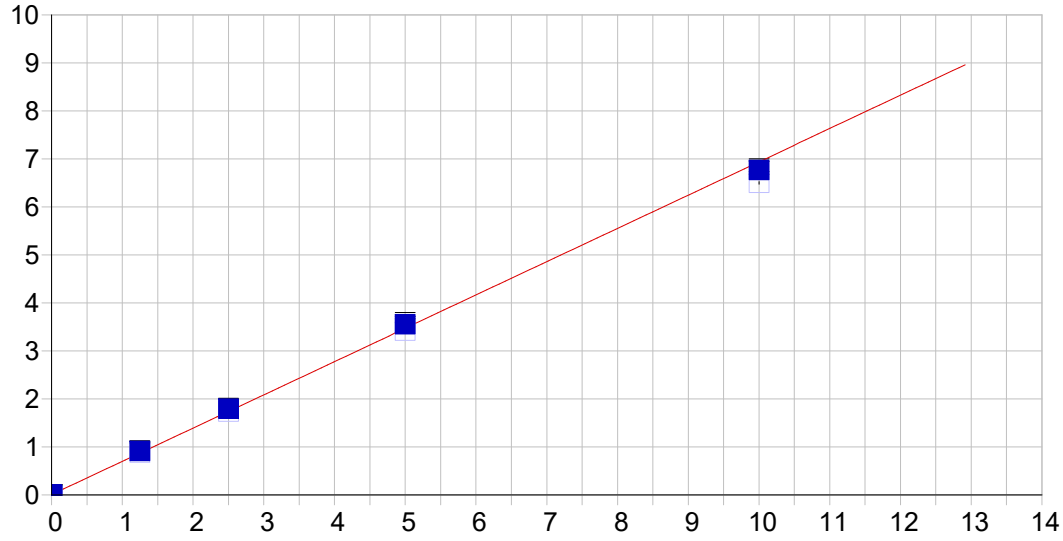
P 177.495 {490}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004009	Re-Slope:	1.000000
A1 (Gain):	0.055095	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999781	Status:	OK.
Std Error of Est:	0.000019		
Predicted MDL:	0.002891		
Predicted MQL:	0.009637		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00401	.000	1
S1	.01000	.00773	-.002	-22.7	-.00358	.000	1
S2	1.2500	1.1959	-.054	-4.33	.06178	.000	1
S3	2.5000	2.4271	-.073	-2.92	.12951	.001	1
S4	5.0000	4.9593	-.041	-.815	.26882	.000	1
S5	10.000	10.170	.170	1.70	.55551	.003	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



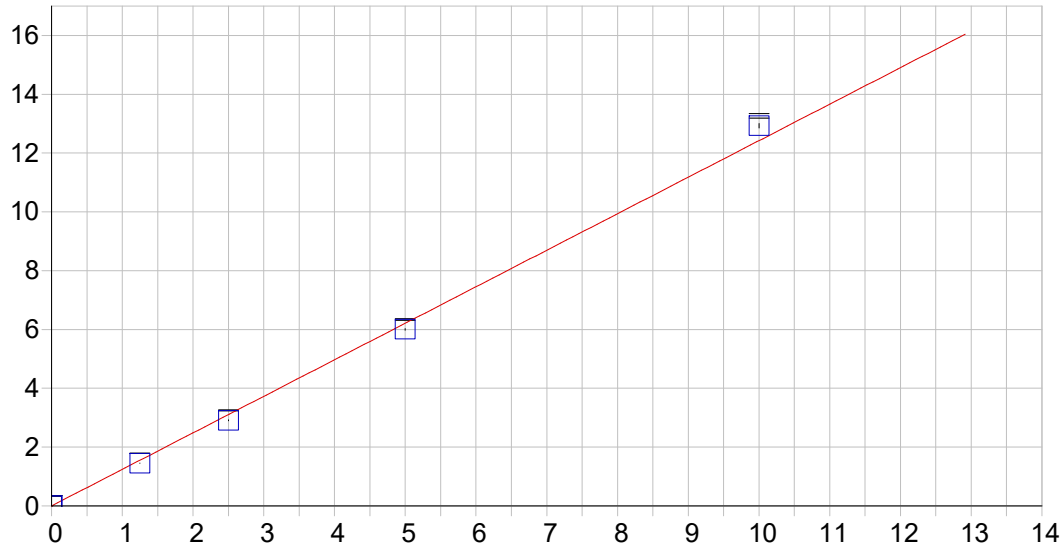
B 249.678 {135}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004316	Re-Slope:	1.000000
A1 (Gain):	0.693479	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999175	Status:	OK.
Std Error of Est:	0.000455		
Predicted MDL:	0.002065		
Predicted MQL:	0.006885		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00432	.001	1
S1	.01000	-.00173	-.012	-117.	.00308	.001	1
S2	1.2500	1.3127	.063	5.02	.88169	.005	1
S3	2.5000	2.5844	.084	3.38	1.7306	.007	1
S4	5.0000	5.1151	.115	2.30	3.4197	.040	1
S5	10.000	9.7498	-.250	-2.50	6.5019	.028	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



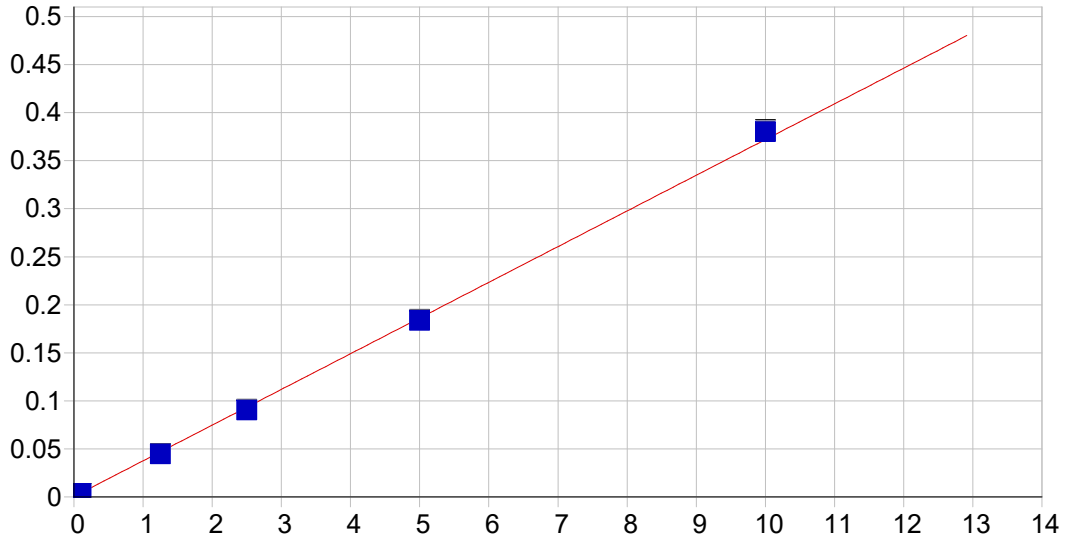
Mo 202.030 {467}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001229	Re-Slope:	1.000000
A1 (Gain):	1.242036	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998999	Status:	OK.
Std Error of Est:	0.000932		
Predicted MDL:	0.000304		
Predicted MQL:	0.001014		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00123	.000	1
S1	.01000	.00914	-.001	-8.56	.01259	.000	1
S2	1.2500	1.1685	-.081	-6.52	1.4526	.002	1
S3	2.5000	2.3421	-.158	-6.31	2.9103	.014	1
S4	5.0000	4.8323	-.168	-3.35	6.0031	.023	1
S5	10.000	10.408	.408	4.08	12.928	.077	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



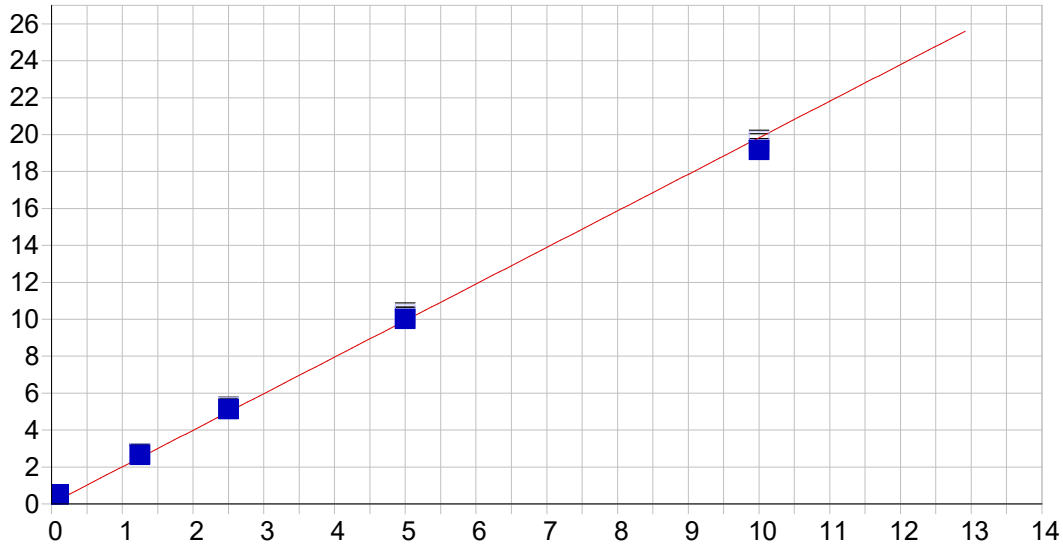
S 182.034 {485}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000390	Re-Slope:	1.000000
A1 (Gain):	0.037160	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999673	Status:	OK.
Std Error of Est:	0.000051		
Predicted MDL:	0.003884		
Predicted MQL:	0.012945		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00039	.000	1
S1	.10000	.08778	-.012	-12.2	.00365	.000	1
S2	1.2500	1.1894	-.061	-4.85	.04474	.000	1
S3	2.5000	2.4230	-.077	-3.08	.09073	.001	1
S4	5.0000	4.9327	-.067	-1.35	.18428	.001	1
S5	10.000	10.217	.217	2.17	.38125	.001	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



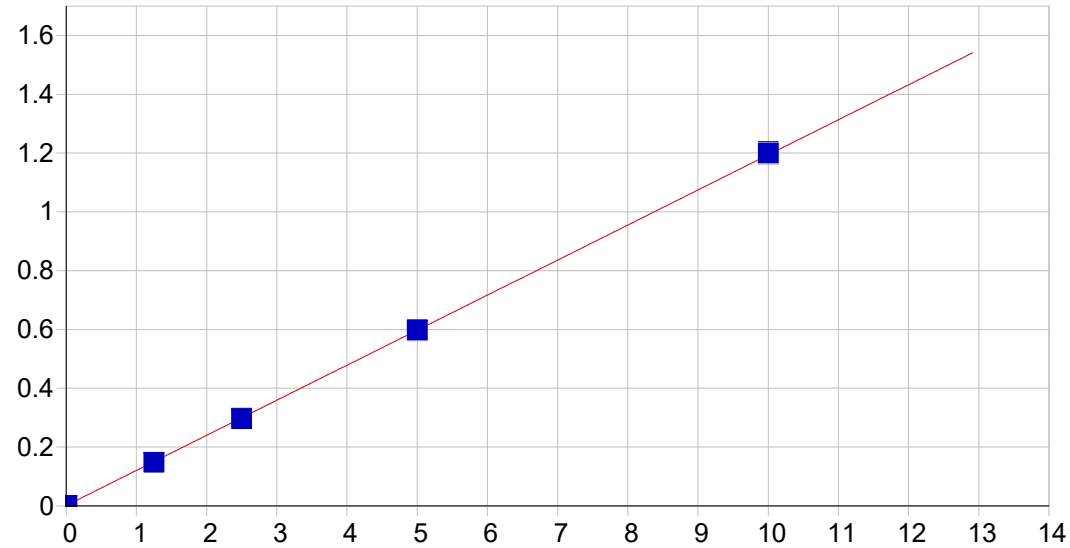
Si 251.611 {134}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.028174	Re-Slope:	1.000000
A1 (Gain):	1.980091	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994455	Status:	OK.
Std Error of Est:	0.011379		
Predicted MDL:	0.000744		
Predicted MQL:	0.002478		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.02788	.001	1
S1	.10000	.24199	.142	142.	.51014	.005	1
S2	1.2500	1.3283	.078	6.26	2.7145	.004	1
S3	2.5000	2.5731	.073	2.92	5.2355	.024	1
S4	5.0000	5.0424	.042	.847	10.237	.110	1
S5	10.000	9.6655	-.335	-3.35	19.616	.094	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



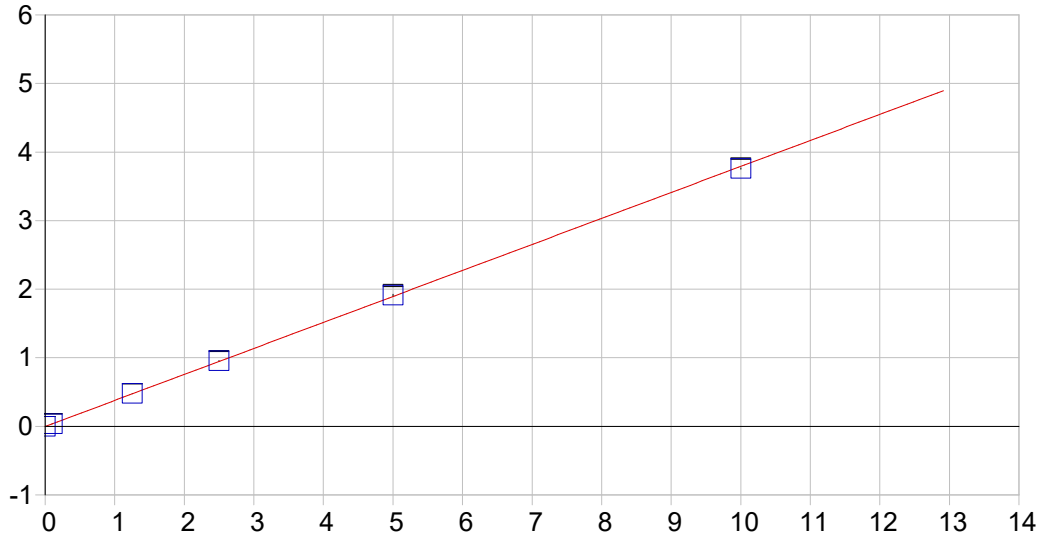
Sn 189.989 {478}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001501	Re-Slope:	1.000000
A1 (Gain):	0.119236	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999976	Status:	OK.
Std Error of Est:	0.000012		
Predicted MDL:	0.001129		
Predicted MQL:	0.003765		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00150	.000	1
S1	.00700	.00692	-.000	-1.19	.00229	.000	1
S2	1.2500	1.2281	-.022	-1.75	.14719	.001	1
S3	2.5000	2.4739	-.026	-1.04	.29499	.002	1
S4	5.0000	4.9999	-.000	-.003	.59468	.001	1
S5	10.000	10.048	.048	.482	1.1936	.005	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



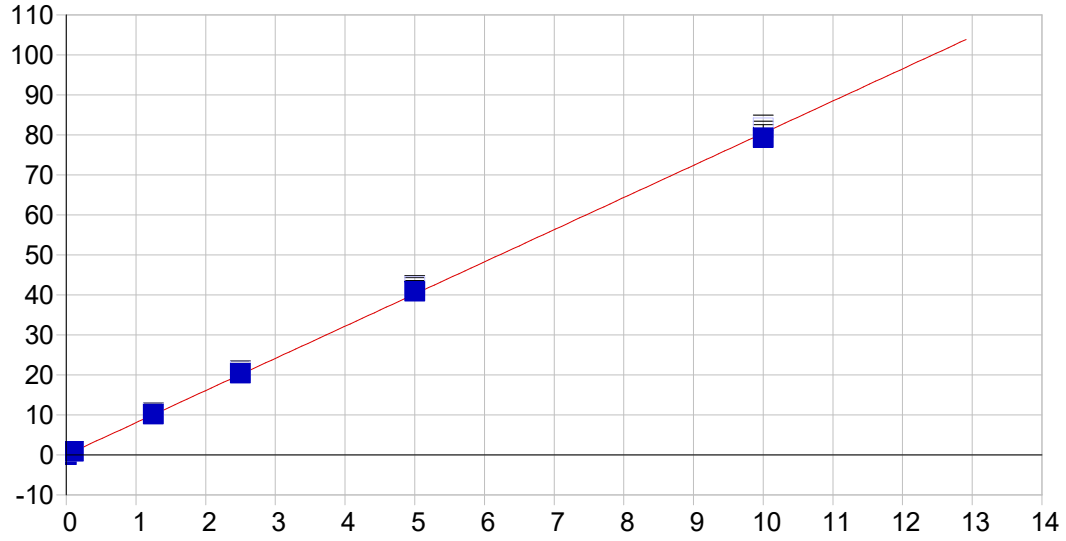
Ti 336.121 {100}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001290	Re-Slope:	1.000000
A1 (Gain):	0.379152	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000172		
Predicted MDL:	0.003264		
Predicted MQL:	0.010878		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00129	.001	1
S1	.10000	.10258	.003	2.58	.03761	.001	1
S2	1.2500	1.2647	.015	1.18	.47822	.002	1
S3	2.5000	2.5203	.020	.812	.95428	.006	1
S4	5.0000	5.0417	.042	.834	1.9103	.015	1
S5	10.000	9.9207	-.079	-.793	3.7602	.011	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5



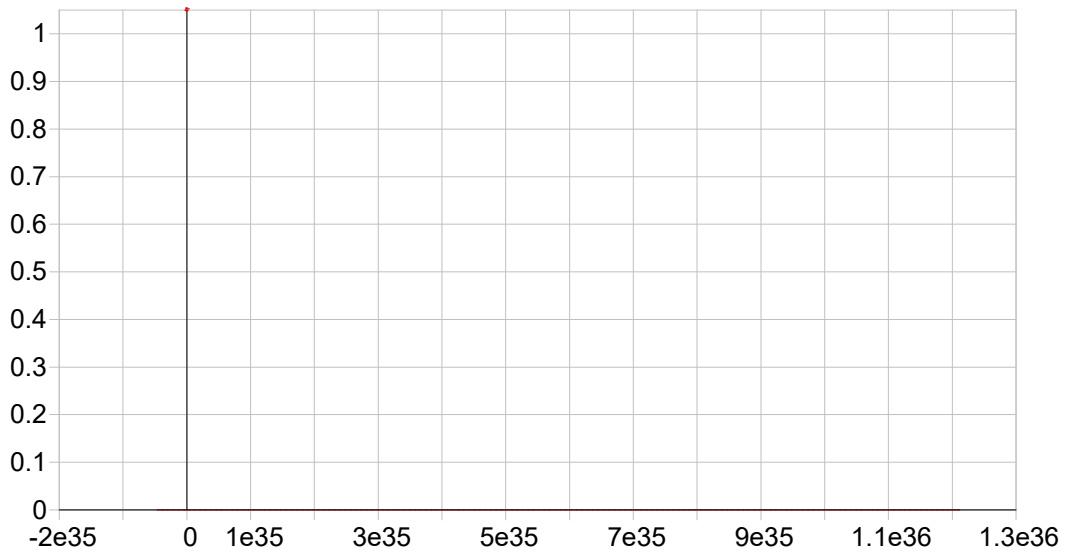
Sr 407.771 { 83}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002779	Re-Slope:	1.000000
A1 (Gain):	8.043023	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999889	Status:	OK.
Std Error of Est:	0.006557		
Predicted MDL:	0.000240		
Predicted MQL:	0.000802		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00286	.001	1
S1	.10000	.10706	.007	7.06	.85911	.002	1
S2	1.2500	1.2671	.017	1.37	10.490	.016	1
S3	2.5000	2.5326	.033	1.31	20.971	.071	1
S4	5.0000	5.0822	.082	1.64	42.080	.278	1
S5	10.000	9.8612	-.139	-1.39	81.724	.747	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

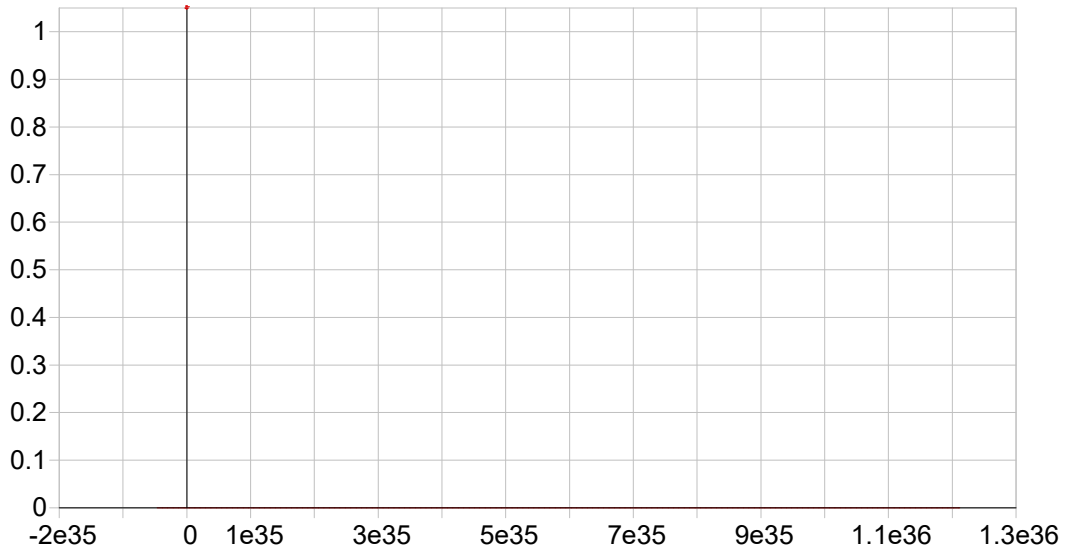


Y 224.306 {450}*

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



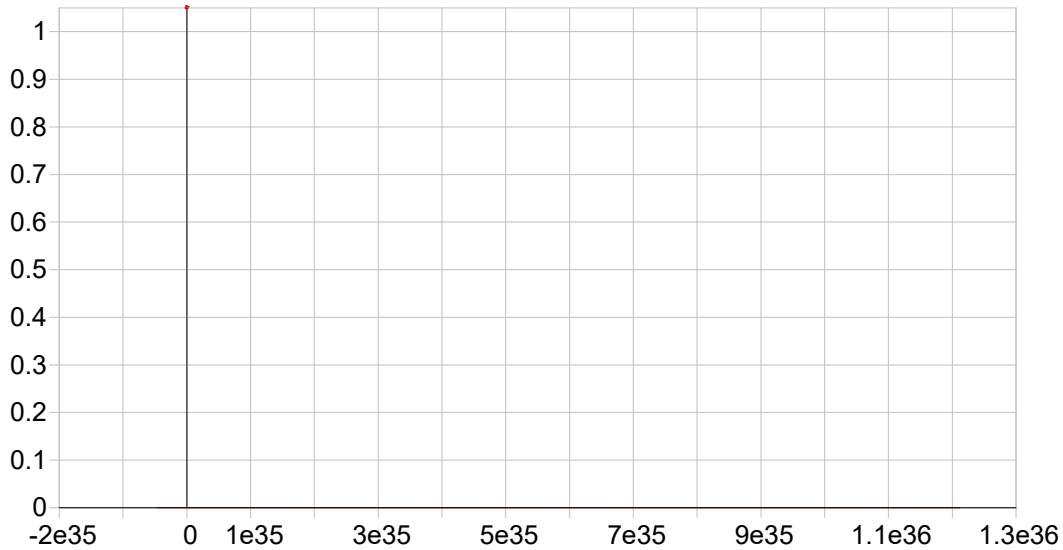
Y 360.073 { 94}*

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:12/13/2024 7:24:03 PM
Inst Id :P5

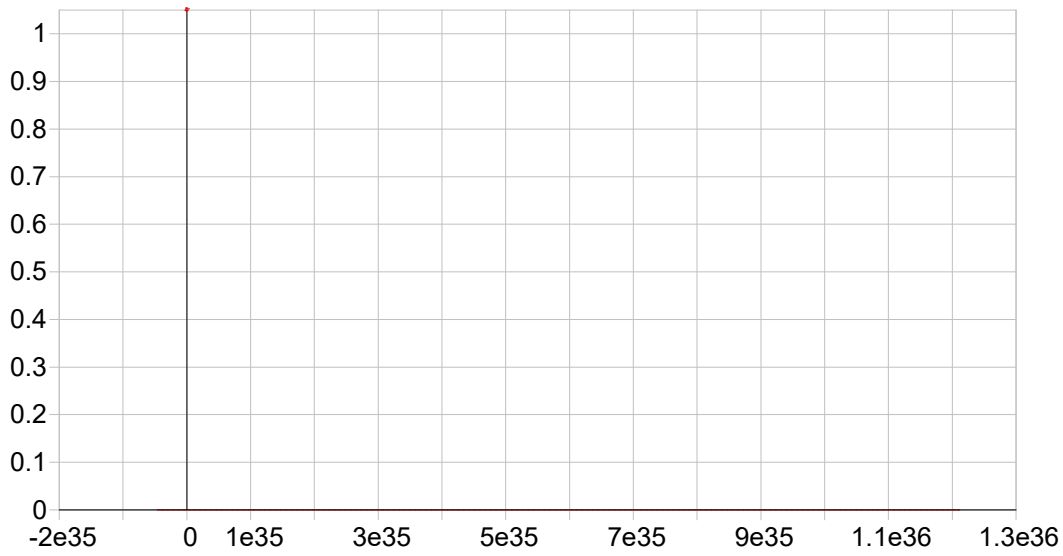
A2 (Curvature):		0.000000					
n (Exponent):		1.000000					
Correlation:		0.000000		Status:	Warning	Zero Gain	
Std Error of Est:		0.000000					
Predicted MDL:		n/a					
Predicted MQL:		n/a					
Std. Name	**Stated Conc.**	**Found Conc.**	**Difference**	**% Diff.**	**(S)IR**	**Std Dev**	**Emphasis**



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:12/13/2024 7:24:03 PM
Inst Id :P5

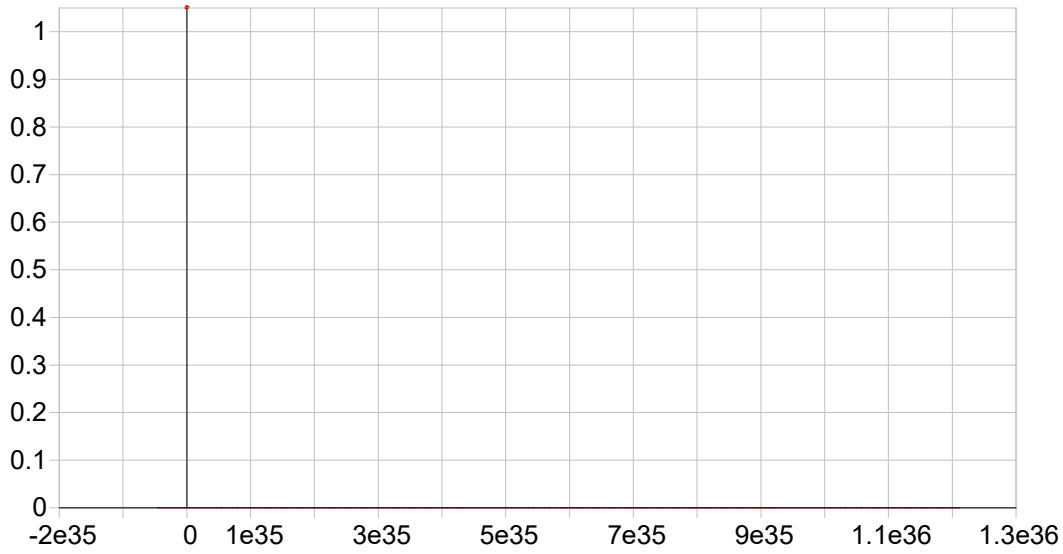


Y 224.306 {150}*

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}*

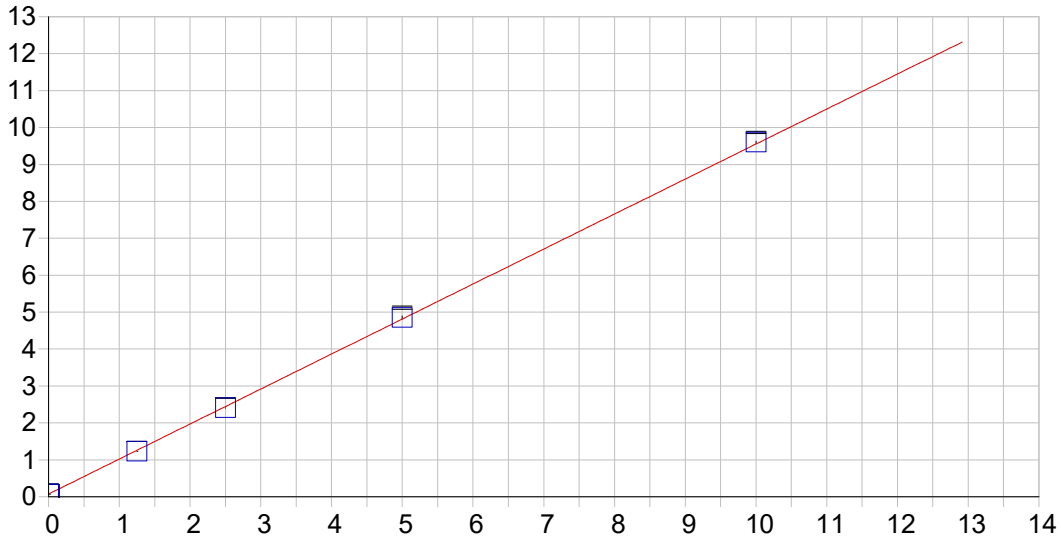
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

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

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



Li 670.784 { 50}

Date of Fit:	12/10/2024 16:20:59	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.074011	Re-Slope:	1.000000
A1 (Gain):	0.947867	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999335	Status:	OK.
Std Error of Est:	0.000710		
Predicted MDL:	0.004213		
Predicted MQL:	0.014042		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.07403	.002	1
S5	10.000	10.050	.050	.495	9.5996	.030	1
S4	5.0000	5.0395	.039	.790	4.8508	.044	1
S3	2.5000	2.4592	-.041	-1.63	2.4050	.006	1
S2	1.2500	1.2203	-.030	-2.38	1.2307	.003	1
S1	.01500	-.00358	-.019	-124.	.07062	.003	1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/10/2024 15:54:09 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.48326	-.00019	.00047	-.00021	.00020	-.00038	.06088	.00266
Stddev	.48277	.00012	.00024	.00028	.00037	.00120	.00124	.00106
%RSD	99.900	64.400	49.878	130.58	187.84	318.94	2.0368	39.736
#1	.38681	-.00021	.00071	-.00048	.00061	.00062	.05993	.00380
#2	.05599	-.00029	.00048	.00007	.00009	-.00171	.06229	.00244
#3	1.0070	-.00006	.00023	-.00023	-.00011	-.00004	.06043	.00172

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	.00013	.00347	.00041	-.00017	.00146	-.00002	-.00019	-.00031
Stddev	.00004	.00211	.00005	.00005	.00053	.00029	.00035	.00033
%RSD	29.144	60.717	12.041	32.963	36.015	1320.0	179.14	106.80
#1	.00010	.00527	.00044	-.00014	.00200	-.00019	.00020	-.00024
#2	.00012	.00399	.00043	-.00013	.00144	.00031	-.00030	-.00066
#3	.00017	.00115	.00035	-.00023	.00095	-.00019	-.00047	-.00002

Elem	Ni2316	Ag3280	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00009	.00090	.00240	.00008	-.00067	.04109	-.00401	.00432
Stddev	.00026	.00046	.00347	.00115	.00037	.00357	.00011	.00056
%RSD	302.14	50.599	144.62	1459.4	55.189	8.6945	2.6506	13.011
#1	.00036	.00132	-.00155	-.00055	-.00088	.04230	-.00392	.00368
#2	-.00015	.00098	.00493	-.00062	-.00024	.03707	-.00397	.00472
#3	.00005	.00041	.00382	.00140	-.00089	.04390	-.00413	.00457

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.00123	.00039	.02788	.00150	-.00129	-.00286	.07403
Stddev	.00019	.00008	.00068	.00006	.00111	.00129	.00194
%RSD	15.534	20.405	2.4366	3.6675	85.967	45.259	2.6201
#1	.00131	.00031	.02713	.00152	-.00255	-.00429	.07305
#2	.00101	.00047	.02846	.00155	-.00045	-.00176	.07626
#3	.00137	.00039	.02805	.00144	-.00087	-.00253	.07277

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/10/2024 15:54:09 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	2501.2	27528.	2637.3	1949.0	3933.2
Stddev	5.6	17.	19.6	5.3	9.5
%RSD	.22584	.06235	.74159	.27279	.24266
#1	2496.9	27508.	2618.9	1953.3	3922.4
#2	2507.6	27536.	2635.0	1950.7	3940.4
#3	2499.0	27539.	2657.9	1943.1	3936.9

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/10/2024 15:58:14 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	2.5670	.00191	.00210	.00226	.00916	.02041	.75072	.06379
Stddev	.1280	.00017	.00063	.00039	.00015	.00122	.00372	.00063
%RSD	4.9858	8.6499	30.037	17.181	1.6841	5.9959	.49558	.99493
#1	2.4793	.00184	.00160	.00271	.00902	.02031	.75343	.06448
#2	2.5077	.00210	.00281	.00202	.00933	.02168	.74648	.06365
#3	2.7138	.00179	.00189	.00205	.00913	.01924	.75225	.06323

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	.01439	.25520	.00361	.04107	.00536	.00239	.00649	.04153
Stddev	.00027	.00157	.00014	.00027	.00083	.00071	.00023	.00040
%RSD	1.8423	.61360	3.8699	.66256	15.416	29.757	3.5387	.96761
#1	.01413	.25359	.00377	.04110	.00575	.00278	.00673	.04199
#2	.01439	.25529	.00351	.04078	.00592	.00157	.00645	.04127
#3	.01466	.25672	.00354	.04132	.00441	.00282	.00628	.04132

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	.01904	.00372	.03750	.00588	.00403	.13282	-.00358	.00308
Stddev	.00019	.00028	.00072	.00036	.00035	.00192	.00007	.00099
%RSD	1.0178	7.4286	1.9223	6.1928	8.7031	1.4425	2.0718	32.208
#1	.01926	.00400	.03793	.00593	.00443	.13153	-.00350	.00370
#2	.01894	.00344	.03667	.00622	.00391	.13191	-.00359	.00194
#3	.01892	.00373	.03790	.00549	.00376	.13502	-.00365	.00360

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.01259	.00365	.51014	.00229	.03761	.85911	.07062
Stddev	.00010	.00009	.00508	.00002	.00105	.00190	.00269
%RSD	.75885	2.4433	.99499	1.0777	2.8035	.22084	3.8144
#1	.01260	.00355	.51113	.00228	.03858	.85694	.07035
#2	.01267	.00373	.51465	.00232	.03649	.85993	.07343
#3	.01248	.00367	.50465	.00227	.03774	.86046	.06806

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/10/2024 15:58:14 Type: Cal

Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	2509.7	27575.	2653.6	1962.1	3927.2
Stddev	.9	123.	7.4	4.7	1.0
%RSD	.03740	.44685	.27852	.23940	.02493
#1	2509.9	27674.	2661.1	1964.0	3928.3
#2	2508.7	27614.	2646.3	1956.7	3926.3
#3	2510.5	27437.	2653.4	1965.5	3927.1

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/10/2024 16:02:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	254.56	.10834	1.1255	.08133	.19664	3.7537	8.4622	1.4766
Stddev	.08	.00031	.0030	.00019	.00048	.0149	.0195	.0069
%RSD	.03026	.28234	.26404	.23935	.24642	.39689	.23027	.46815
#1	254.56	.10820	1.1265	.08116	.19652	3.7697	8.4832	1.4707
#2	254.49	.10813	1.1221	.08154	.19623	3.7402	8.4586	1.4749
#3	254.64	.10869	1.1278	.08129	.19717	3.7512	8.4447	1.4842

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	1.8941	3.1300	1.2491	.51786	.53716	.74488	1.5729	.53720
Stddev	.0041	.0111	.0024	.00121	.00113	.00030	.0062	.00204
%RSD	.21689	.35552	.18824	.23459	.21024	.04029	.39649	.38050
#1	1.8978	3.1420	1.2518	.51869	.53774	.74490	1.5795	.53941
#2	1.8897	3.1281	1.2478	.51647	.53586	.74517	1.5671	.53538
#3	1.8949	3.1200	1.2476	.51843	.53788	.74457	1.5722	.53680

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	.30037	.08900	.26274	.06621	.28913	.74026	.06178	.88169
Stddev	.00071	.00019	.00173	.00117	.00279	.00153	.00019	.00504
%RSD	.23769	.20995	.65934	1.7672	.96480	.20698	.30830	.57178
#1	.30078	.08879	.26191	.06489	.28910	.73919	.06199	.88025
#2	.29955	.08910	.26157	.06662	.29193	.74201	.06163	.87753
#3	.30079	.08912	.26473	.06712	.28635	.73956	.06171	.88730

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4526	.04474	2.7145	.14719	.47822	10.490	1.2307
Stddev	.0016	.00012	.0042	.00060	.00152	.016	.0034
%RSD	.11095	.26988	.15405	.40519	.31731	.15324	.27959
#1	1.4533	.04470	2.7122	.14735	.47700	10.506	1.2335
#2	1.4508	.04464	2.7119	.14653	.47992	10.474	1.2317
#3	1.4538	.04487	2.7193	.14769	.47774	10.490	1.2269

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/10/2024 16:02:21 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	2429.4	26726.	2665.3	1876.0	3609.8
Stddev	4.7	185.	5.8	12.9	11.1
%RSD	.19324	.69151	.21680	.68746	.30805
#1	2428.5	26627.	2668.1	1875.5	3604.0
#2	2434.5	26612.	2658.7	1863.4	3622.6
#3	2425.3	26939.	2669.2	1889.2	3602.7

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/10/2024 16:06:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	489.60	.21402	2.2442	.16236	.39485	7.4705	16.826	2.8922
Stddev	1.23	.00182	.0128	.00045	.00171	.0039	.023	.0127
%RSD	.25036	.84884	.56973	.27960	.43185	.05222	.13471	.43786
#1	488.46	.21367	2.2373	.16229	.39417	7.4697	16.852	2.8860
#2	489.44	.21241	2.2363	.16195	.39358	7.4670	16.816	2.9068
#3	490.90	.21599	2.2589	.16285	.39678	7.4747	16.810	2.8839

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	3.7702	6.1864	2.4557	1.0218	1.0618	1.4714	3.1050	1.0658
Stddev	.0215	.0116	.0047	.0058	.0033	.0022	.0165	.0033
%RSD	.56904	.18671	.19022	.56656	.31054	.14865	.53063	.31310
#1	3.7599	6.1996	2.4513	1.0194	1.0652	1.4712	3.1193	1.0696
#2	3.7558	6.1780	2.4553	1.0177	1.0586	1.4736	3.1087	1.0635
#3	3.7948	6.1817	2.4606	1.0285	1.0616	1.4693	3.0870	1.0641

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	.59759	.17691	.51841	.13088	.58801	1.4447	.12951	1.7306
Stddev	.00320	.00035	.00073	.00078	.00369	.0012	.00071	.0073
%RSD	.53621	.19932	.14074	.59814	.62743	.08604	.55161	.42384
#1	.59640	.17650	.51908	.13097	.59190	1.4434	.12947	1.7280
#2	.59515	.17709	.51763	.13162	.58456	1.4459	.12882	1.7389
#3	.60122	.17714	.51852	.13006	.58758	1.4449	.13025	1.7250

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.9103	.09073	5.2355	.29499	.95428	20.971	2.4050
Stddev	.0136	.00063	.0236	.00222	.00638	.071	.0062
%RSD	.46715	.69329	.45143	.75379	.66845	.33931	.25911
#1	2.9058	.09068	5.2162	.29389	.95926	21.051	2.4115
#2	2.8994	.09012	5.2618	.29352	.95650	20.916	2.3991
#3	2.9255	.09137	5.2284	.29754	.94709	20.944	2.4046

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/10/2024 16:06:12 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	2318.5	25853.	2623.8	1790.1	3419.0
Stddev	7.4	115.	2.2	5.1	11.9
%RSD	.31714	.44456	.08393	.28644	.34923
#1	2313.6	25829.	2626.3	1789.0	3413.6
#2	2327.0	25978.	2623.0	1795.7	3432.6
#3	2315.0	25752.	2622.1	1785.7	3410.6

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/10/2024 16:09:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	944.72	.42181	4.5376	.32829	.81586	15.131	34.006	5.7813
Stddev	1.80	.00078	.0079	.00128	.00332	.123	.241	.0758
%RSD	.19009	.18552	.17397	.39109	.40704	.81339	.70942	1.3106
#1	944.22	.42100	4.5402	.32831	.81678	15.073	33.908	5.8105
#2	943.22	.42188	4.5288	.32699	.81218	15.048	33.829	5.6953
#3	946.71	.42256	4.5439	.32956	.81863	15.273	34.281	5.8381

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	7.5297	12.285	4.8339	2.0331	2.1206	2.9284	6.1376	2.1220
Stddev	.0122	.093	.0036	.0053	.0140	.0241	.0445	.0173
%RSD	.16215	.75744	.07469	.25818	.65818	.82304	.72550	.81736
#1	7.5269	12.217	4.8381	2.0333	2.1098	2.9152	6.0999	2.1102
#2	7.5192	12.246	4.8322	2.0278	2.1157	2.9138	6.1261	2.1138
#3	7.5431	12.391	4.8315	2.0383	2.1364	2.9562	6.1867	2.1419

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	1.1935	.35625	1.0364	.26471	1.2278	2.9167	.26882	3.4197
Stddev	.0027	.00077	.0039	.00143	.0081	.0201	.00022	.0405
%RSD	.23021	.21729	.37541	.53922	.66355	.68840	.08068	1.1836
#1	1.1920	.35712	1.0354	.26412	1.2205	2.9066	.26861	3.4295
#2	1.1919	.35601	1.0330	.26367	1.2366	2.9036	.26881	3.3752
#3	1.1967	.35563	1.0407	.26634	1.2263	2.9398	.26904	3.4544

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.0031	.18428	10.237	.59468	1.9103	42.080	4.8508
Stddev	.0228	.00050	.110	.00069	.0152	.278	.0442
%RSD	.37948	.27380	1.0782	.11587	.79550	.66176	.91153
#1	6.0066	.18408	10.269	.59472	1.8957	41.839	4.8250
#2	5.9788	.18391	10.114	.59397	1.9092	42.017	4.8255
#3	6.0240	.18486	10.328	.59535	1.9260	42.385	4.9018

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/10/2024 16:09:58 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	2160.1	25097.	2564.8	1657.9	3226.8
Stddev	5.9	53.	25.0	2.4	3.0
%RSD	.27344	.20957	.97288	.14522	.09243
#1	2159.0	25136.	2561.9	1656.6	3228.1
#2	2166.5	25037.	2591.0	1656.4	3228.9
#3	2154.9	25118.	2541.4	1660.6	3223.4

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/10/2024 16:13:43 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	1824.5	.82865	9.1294	.69817	1.7790	30.149	67.042	11.249
Stddev	4.4	.00349	.0383	.00366	.0097	.078	.218	.057
%RSD	.24207	.42158	.41963	.52426	.54637	.25954	.32471	.51089
#1	1819.6	.82569	9.1000	.69554	1.7715	30.064	66.792	11.297
#2	1828.2	.82776	9.1155	.69661	1.7754	30.165	67.141	11.185
#3	1825.7	.83250	9.1728	.70235	1.7900	30.218	67.193	11.265

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	14.988	23.958	9.4675	4.0571	4.1714	5.6766	11.979	4.1669
Stddev	.066	.041	.0072	.0180	.0049	.0114	.034	.0162
%RSD	.43785	.16921	.07595	.44320	.11775	.20046	.28573	.38795
#1	14.946	23.914	9.4617	4.0482	4.1714	5.6658	11.966	4.1572
#2	14.955	23.967	9.4755	4.0454	4.1664	5.6885	11.954	4.1580
#3	15.064	23.993	9.4653	4.0778	4.1762	5.6756	12.018	4.1856

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	2.3835	.72227	2.0549	.52046	2.6868	5.8193	.55551	6.5019
Stddev	.0089	.00114	.0081	.00239	.0125	.0124	.00299	.0278
%RSD	.37178	.15762	.39595	.45981	.46420	.21307	.53850	.42746
#1	2.3771	.72140	2.0455	.51920	2.6743	5.8050	.55315	6.5259
#2	2.3798	.72356	2.0587	.51895	2.6992	5.8257	.55450	6.4714
#3	2.3936	.72184	2.0604	.52322	2.6869	5.8271	.55888	6.5084

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	12.928	.38125	19.616	1.1936	3.7602	81.724	9.5996
Stddev	.077	.00110	.094	.0054	.0110	.747	.0304
%RSD	.59938	.28814	.47952	.45322	.29362	.91465	.31670
#1	12.870	.38067	19.703	1.1906	3.7488	80.861	9.5696
#2	12.898	.38056	19.516	1.1904	3.7610	82.178	9.5989
#3	13.016	.38252	19.629	1.1999	3.7708	82.133	9.6304

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/10/2024 16:13:43 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	1917.4	23987.	2548.4	1454.2	3021.2
Stddev	7.9	79.	7.0	7.0	11.6
%RSD	.41027	.33048	.27597	.48294	.38335
#1	1919.9	24074.	2550.2	1460.7	3021.7
#2	1923.8	23918.	2554.4	1446.8	3032.5
#3	1908.6	23968.	2540.7	1455.1	3009.4

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: S6 Acquired: 12/10/2024 16:17:38 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	78.901	38.444	14.726	6.2187	5.5105
Stddev	.600	.275	.132	.0382	.0361
%RSD	.76102	.71542	.89793	.61446	.65461
#1	79.325	38.635	14.824	6.2443	5.5264
#2	79.164	38.569	14.779	6.2370	5.5360
#3	78.214	38.129	14.576	6.1748	5.4692

Int. Std.	Y_3710
Units	Cts/S
Avg	2542.7
Stddev	25.0
%RSD	.98291
#1	2519.0
#2	2540.2
#3	2568.8

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICV014 Acquired: 12/10/2024 16:45:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038133	.9821663	.9687233	.9324097	.9126922	2.427014
Stddev	.003284	.0023432	.0045070	.0012098	.0034750	.018037
%RSD	.3163694	.2385762	.4652488	.1297539	.3807459	.7431855
#1	1.039430	.9848588	.9739237	.9331766	.9166857	2.440929
#2	1.040570	.9810507	.9659509	.9310150	.9103560	2.406636
#3	1.034398	.9805892	.9662952	.9330375	.9110350	2.433478

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5185802	.5224039	.4768094	10.23094	.5496085	.5007285
Stddev	.0058810	.0066120	.0012909	.15363	.0016435	.0021732
%RSD	1.134059	1.265693	.2707446	1.501665	.2990242	.4340026
#1	.5238998	.5298136	.4782849	10.37058	.5511777	.5032208
#2	.5195760	.5202931	.4762546	10.25588	.5478997	.4992289
#3	.5122649	.5171050	.4758886	10.06637	.5497482	.4997360

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977854	10.55741	.5266008	6.041075	.5100435	.2462849
Stddev	.0095474	.10428	.0038743	.030635	.0025162	.0009478
%RSD	1.917968	.9877732	.7357243	.5071099	.4933254	.3848486
#1	.5063483	10.64908	.5308768	6.063743	.5128012	.2473081
#2	.4874907	10.57920	.5256019	6.053260	.5094570	.2454368
#3	.4995171	10.44395	.5233238	6.006222	.5078724	.2461099

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.08662	.5069642	1.096831	9.429420	F -.002359	F -.032586
Stddev	.21868	.0050430	.007212	.422215	.003502	.003140
%RSD	2.168017	.9947489	.6575075	4.477633	148.4288	9.636940
#1	10.32729	.5104400	1.101781	9.662287	-.003575	-.034815
#2	10.03248	.5092724	1.088556	9.683924	-.005092	-.028994
#3	9.90010	.5011801	1.100155	8.942048	.001589	-.033948

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICV014 Acquired: 12/10/2024 16:45:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.001069	F .0074127	F .0013432	F -.000939	F -.000027	F -.008887
Stddev	.000175	.0018892	.0010893	.000678	.002017	.000126
%RSD	16.33394	25.48625	81.10183	72.20485	7465.555	1.414808
#1	-.001079	.0088792	.0016550	-.001691	-.002324	-.008741
#2	-.001238	.0080781	.0022425	-.000373	.001455	-.008964
#3	-.000890	.0052808	.0001319	-.000754	.000788	-.008955

Elem	Li6707
Units	ppm
Avg	F -.020373
Stddev	.002664
%RSD	13.07509
#1	-.021425
#2	-.017344
#3	-.022349

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2503.473	27477.17	2700.638	1949.679	3878.282
Stddev	8.473	90.58	32.112	3.045	14.101
%RSD	.3384453	.3296673	1.189054	.1562011	.3635926
#1	2495.289	27463.81	2666.152	1951.649	3863.485
#2	2512.208	27394.02	2706.083	1946.171	3891.565
#3	2502.923	27573.70	2729.679	1951.217	3879.797

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICB014 Acquired: 12/10/2024 16:51:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003241	.0020314	.0002477	.0024117	.0018835	-.000223
Stddev	.000633	.0009655	.0017467	.0014332	.0012952	.004033
%RSD	19.52907	47.52791	705.1504	59.42922	68.76438	1808.974
#1	-.002783	.0031231	-.000308	.0037043	.0004089	-.004538
#2	-.003963	.0012898	-.001154	.0008704	.0024045	.000417
#3	-.002977	.0016814	.002205	.0026603	.0028370	.003452

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013678	.0000193	.0000879	.0315601	-.000789	.0002502
Stddev	.0005705	.0001003	.0001202	.0289310	.000210	.0000890
%RSD	41.71269	518.8848	136.6633	91.66958	26.65738	35.55627
#1	.0016396	.0000016	.0001057	.0621562	-.000884	.0001642
#2	.0007121	.0001273	-.000040	.0046469	-.000935	.0003419
#3	.0017515	-.000071	.000198	.0278773	-.000548	.0002446

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045260	-.011721	-.000646	-.041575	-.000543	-.000931
Stddev	.0069477	.003501	.000286	.071860	.000488	.000539
%RSD	153.5059	29.86797	44.26562	172.8446	89.99307	57.86898
#1	.0124126	-.011515	-.000376	-.113639	-.000055	-.000598
#2	.0018565	-.015321	-.000946	.030079	-.001032	-.001553
#3	-.000691	-.008328	-.000617	-.041165	-.000541	-.000643

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.016806	-.003525	-.001431	-.192227	-.000198	-.002333
Stddev	.604295	.002094	.003271	.138058	.001506	.002204
%RSD	3595.704	59.40579	228.5216	71.82033	761.3906	94.49567
#1	.334283	-.002884	-.005076	-.044874	-.000964	-.004217
#2	.329880	-.005865	-.000466	-.318586	-.001167	.000091
#3	-.714581	-.001827	.001249	-.213221	.001538	-.002873

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICB014 Acquired: 12/10/2024 16:51:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000676	-.000294	-.001849	F -.008014	.0031709	.0000491
Stddev	.000228	.002736	.000877	.000142	.0026107	.0000706
%RSD	33.76338	930.2102	47.45976	1.777056	82.33172	143.8092
#1	-.000918	.002141	-.001891	-.007879	.0002788	.0001303
#2	-.000644	.000231	-.002704	-.007999	.0053533	.0000150
#3	-.000465	-.003255	-.000951	-.008163	.0038807	.0000020

Elem	Li6707
Units	ppm
Avg	F -.024117
Stddev	.003376
%RSD	13.99680
#1	-.020908
#2	-.027637
#3	-.023805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.749	27688.72	2662.750	1960.673	3920.342
Stddev	4.228	292.82	23.298	21.041	8.536
%RSD	.1690122	1.057560	.8749723	1.073135	.2177482
#1	2506.097	27659.44	2635.934	1960.227	3928.756
#2	2501.499	27411.63	2674.285	1939.858	3911.688
#3	2497.651	27995.08	2678.030	1981.932	3920.582

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICSA014 Acquired: 12/10/2024 17:21:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.009316	.0076976	-.009899	-.016151	-.006777	243.0741
Stddev	.003449	.0012353	.002492	.004140	.002821	.8857
%RSD	37.02249	16.04818	25.16986	25.63269	41.62276	.3643856
#1	-.011812	.0063986	-.011192	-.018481	-.004179	242.5953
#2	-.005380	.0078368	-.007027	-.011371	-.009777	242.5309
#3	-.010755	.0088575	-.011478	-.018600	-.006376	244.0962

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073104	.0013640	.0008535	248.9195	.0521792	.0315269
Stddev	.0012721	.0000257	.0001104	1.0867	.0006842	.0007397
%RSD	17.40106	1.880227	12.93146	.4365838	1.311195	2.346152
#1	.0058416	.0013426	.0009203	248.3768	.0513991	.0307627
#2	.0080531	.0013571	.0007261	248.2110	.0524612	.0315786
#3	.0080366	.0013924	.0009142	250.1707	.0526773	.0322393

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.007006	102.7715	.0101976	254.7028	.0051102	-.007578
Stddev	.001301	.2110	.0003556	.8693	.0009110	.001531
%RSD	18.57211	.2052721	3.486808	.3412996	17.82628	20.19669
#1	-.008457	102.7065	.0098677	253.9026	.0048110	-.008383
#2	-.005945	102.6006	.0105743	254.5780	.0043865	-.008538
#3	-.006615	103.0073	.0101509	255.6277	.0061331	-.005813

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.050593	.0004836	-.036147	-.287852	.0016573	F -.315832
Stddev	.719102	.0103535	.003477	.185939	.0011819	.002925
%RSD	1421.348	2141.135	9.617872	64.59545	71.31401	.9262440
#1	.426291	.0055576	-.040154	-.352057	.0030209	-.318752
#2	-.877715	-.011428	-.034344	-.433180	.0010258	-.312901
#3	.299645	.007321	-.033942	-.078319	.0009254	-.315843

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICSA014 Acquired: 12/10/2024 17:21:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001618	.0119570	-.003369	F .0089128	-.000210	.0043013
Stddev	.000511	.0020568	.000647	.0006501	.001872	.0007235
%RSD	31.59322	17.20135	19.19310	7.294546	893.0594	16.82058
#1	-.002053	.0140509	-.003276	.0095751	.001284	.0039491
#2	-.001747	.0118807	-.004058	.0082755	.000397	.0038214
#3	-.001055	.0099395	-.002774	.0088880	-.002309	.0051335

Elem	Li6707
Units	ppm
Avg	F -.016973
Stddev	.002948
%RSD	17.36849
#1	-.015819
#2	-.014776
#3	-.020323

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.929	25459.86	2607.909	1840.195	3392.310
Stddev	6.242	138.51	19.170	9.240	12.531
%RSD	.2627059	.5440241	.7350772	.5020954	.3694004
#1	2377.524	25476.80	2596.429	1842.839	3394.255
#2	2381.219	25313.66	2630.040	1829.921	3403.756
#3	2369.045	25589.12	2597.259	1847.824	3378.920

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICSAB014 Acquired: 12/10/2024 17:27:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB014 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891728	.1087786	.0423905	.0265995	.5579911	249.8614
Stddev	.0067044	.0010827	.0012290	.0097367	.0022440	1.7789
%RSD	7.518399	.9953717	2.899192	36.60468	.4021630	.7119633
#1	.0877906	.1075284	.0422049	.0154523	.5592903	250.6155
#2	.0832672	.1094143	.0437017	.0334410	.5553999	251.1390
#3	.0964605	.1093931	.0412648	.0309052	.5592831	247.8296

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5452643	.5455295	1.006569	256.5595	.6214702	.5421223
Stddev	.0049155	.0034723	.001172	1.6677	.0021124	.0008119
%RSD	.9014851	.6365099	.1163851	.6500155	.3399078	.1497692
#1	.5466557	.5490588	1.007736	257.7763	.6217123	.5427626
#2	.5493341	.5454128	1.006577	257.2437	.6192472	.5412091
#3	.5398031	.5421171	1.005393	254.6586	.6234512	.5423953

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4862811	105.4551	.5456926	263.6768	1.077633	.1879370
Stddev	.0019497	.6025	.0043311	1.6630	.003101	.0008020
%RSD	.4009344	.5713349	.7936939	.6306788	.2877647	.4267580
#1	.4841677	105.8760	.5493320	265.2499	1.081047	.1887921
#2	.4880096	105.7243	.5468434	263.8438	1.076864	.1878175
#3	.4866659	104.7649	.5409022	261.9366	1.074989	.1872014

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.093579	.5298564	1.051819	-.602558	.0039692	F -.331678
Stddev	.007023	.0056390	.008499	.138229	.0035359	.003578
%RSD	7.504433	1.064243	.8080560	22.94032	89.08212	1.078629
#1	-.099572	.5360212	1.061352	-.492280	.0000736	-.334358
#2	-.085852	.5285888	1.049075	-.757628	.0069756	-.333062
#3	-.095313	.5249591	1.045031	-.557766	.0048586	-.327616

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: ICSAB014 Acquired: 12/10/2024 17:27:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB014 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001313	.0239760	-.003112	.0036819	-.000539	.0053830
Stddev	.000361	.0070270	.000627	.0022167	.000950	.0001514
%RSD	27.52287	29.30848	20.15251	60.20648	176.1873	2.812137
#1	-.001089	.0276575	-.002651	.0051198	-.000095	.0053309
#2	-.001729	.0283975	-.003826	.0047969	.000107	.0055536
#3	-.001120	.0158732	-.002858	.0011290	-.001631	.0052646

Elem	Li6707
Units	ppm
Avg	F -.026064
Stddev	.001522
%RSD	5.840480
#1	-.027769
#2	-.025584
#3	-.024840

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2369.146	25424.04	2633.137	1830.951	3388.944
Stddev	4.628	94.91	24.592	10.345	10.549
%RSD	.1953609	.3733066	.9339431	.5650087	.3112649
#1	2367.599	25343.40	2613.974	1824.406	3380.424
#2	2365.490	25400.09	2624.570	1825.569	3385.665
#3	2374.350	25528.63	2660.867	1842.877	3400.742

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV089 Acquired: 12/10/2024 17:48:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.991993	4.977525	25.34109	4.866938	4.910743	408.5371
Stddev	.026604	.014577	.11977	.021693	.022669	.6877
%RSD	.5329291	.2928587	.4726404	.4457152	.4616207	.1683439
#1	5.009469	4.976587	25.33609	4.856169	4.908401	409.0718
#2	4.961376	4.963440	25.22389	4.852738	4.889336	408.7782
#3	5.005135	4.992549	25.46328	4.891909	4.934493	407.7612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37154	.5133734	2.549659	414.0573	15.83214	2.559715
Stddev	.02294	.0022107	.011833	.6444	.00855	.013648
%RSD	.2212014	.4306144	.4641113	.1556227	.0540188	.5331948
#1	10.39374	.5150288	2.547661	414.7970	15.82783	2.558332
#2	10.37296	.5142286	2.538952	413.7565	15.82660	2.546810
#3	10.34793	.5108629	2.562364	413.6183	15.84199	2.574002

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.31721	417.3631	15.23792	418.6660	2.563457	1.275541
Stddev	.04715	.1071	.05449	1.5947	.011859	.002021
%RSD	.3078058	.0256521	.3575927	.3809035	.4626150	.1584532
#1	15.37163	417.2907	15.29868	420.5049	2.564398	1.276291
#2	15.28870	417.4861	15.22172	417.6624	2.551155	1.273252
#3	15.29130	417.3125	15.19338	417.8308	2.574817	1.277080

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	408.5916	2.554473	14.81280	156.0263	5.086167	F 4.226022
Stddev	1.1883	.011428	.12595	.3582	.014121	.023726
%RSD	.2908174	.4473669	.8502770	.2295867	.2776317	.5614330
#1	409.8295	2.557102	14.71816	156.2850	5.089795	4.239805
#2	407.4601	2.541959	14.76450	156.1765	5.070585	4.239636
#3	408.4854	2.564357	14.95576	155.6174	5.098119	4.198626

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV089 Acquired: 12/10/2024 17:48:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.894306	5.124721	5.026223	5.125622	5.109005	4.953363
Stddev	.022312	.022990	.027103	.026836	.031662	.016681
%RSD	.4558737	.4486075	.5392328	.5235562	.6197334	.3367529
#1	4.891604	5.128011	5.052912	5.121586	5.145476	4.971744
#2	4.873467	5.100264	5.027031	5.101033	5.088563	4.949157
#3	4.917845	5.145890	4.998724	5.154247	5.092975	4.939188

Elem	Li6707
Units	ppm
Avg	5.144013
Stddev	.010066
%RSD	.1956768
#1	5.146953
#2	5.152282
#3	5.132805

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.438	24130.05	2572.861	1607.681	3084.730
Stddev	5.036	54.17	7.733	5.502	8.610
%RSD	.2402341	.2244934	.3005530	.3422302	.2791210
#1	2097.682	24190.52	2567.616	1613.500	3087.687
#2	2100.736	24113.65	2569.226	1606.979	3091.472
#3	2090.896	24085.97	2581.742	1602.564	3075.031

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB089 Acquired: 12/10/2024 17:52:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001876	.0011680	-.000496	.0075643	.0014785	.1281478
Stddev	.000596	.0013684	.001029	.0013682	.0021895	.0102046
%RSD	31.76451	117.1628	207.3751	18.08823	148.0887	7.963108
#1	-.002241	.0024866	.000611	.0086013	.0034289	.1194935
#2	-.002199	.0012626	-.001422	.0080781	-.000890	.1255497
#3	-.001189	-.000245	-.000678	.0060135	.001896	.1394003

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006440	-.000041	.0001051	.0344954	-.000462	-.000044
Stddev	.0011869	.000007	.0000298	.0330769	.000445	.000346
%RSD	184.3157	16.08311	28.33003	95.88787	96.26976	780.2851
#1	-.000016	-.000037	.0001084	-.000015	-.000909	-.000414
#2	.002014	-.000037	.0000738	.065923	-.000459	.000270
#3	-.000066	-.000049	.0001331	.037579	-.000019	.000011

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0148986	.0212159	.0016826	.0081215	-.000212	.0012962
Stddev	.0004585	.0442502	.0015387	.0477296	.000141	.0009381
%RSD	3.077181	208.5703	91.44977	587.6961	66.39710	72.37855
#1	.0147313	-.028564	.0012678	.0218834	-.000215	.0010166
#2	.0145473	.056082	.0003938	.0474581	-.000352	.0023423
#3	.0154172	.036131	.0033861	-.044977	-.000070	.0005296

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1500822	-.000528	.0045388	.0101803	-.000088	.0090417
Stddev	.4824192	.011110	.0071969	.0685011	.000732	.0003024
%RSD	321.4367	2102.754	158.5647	672.8780	828.3142	3.344104
#1	.5282789	-.007628	-.003561	-.027028	-.000425	.0090425
#2	.3151782	-.006232	.006979	-.031665	-.000591	.0093437
#3	-.393211	.012274	.010199	.089233	.000751	.0087389

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB089 Acquired: 12/10/2024 17:52:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB089 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000430	-.005065	-.000315	F -.010061	.0024069	.0005013
Stddev	.000411	.000892	.000528	.000663	.0017968	.0001766
%RSD	95.59016	17.60920	167.7286	6.586545	74.65220	35.22525
#1	-.000414	-.004358	-.000063	-.010304	.0013342	.0005624
#2	-.000849	-.006067	-.000921	-.010568	.0014053	.0003023
#3	-.000027	-.004769	.000040	-.009311	.0044813	.0006392

Elem	Li6707
Units	ppm
Avg	-.012063
Stddev	.001306
%RSD	10.82358
#1	-.012340
#2	-.013208
#3	-.010641

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2492.338	27540.93	2653.489	1948.224	3902.794
Stddev	5.289	90.95	11.207	11.329	12.610
%RSD	.2122107	.3302512	.4223583	.5815167	.3230959
#1	2486.469	27436.25	2649.511	1935.153	3888.277
#2	2496.735	27585.90	2644.813	1955.220	3909.070
#3	2493.810	27600.64	2666.142	1954.299	3911.033

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165364BL Acquired: 12/10/2024 17:56:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS364 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002282	.0011688	-.001368	.0034675	.0012701	-.014200
Stddev	.001178	.0021536	.001440	.0032092	.0024412	.024124
%RSD	51.63063	184.2509	105.2834	92.55255	192.1987	169.8851
#1	-.001092	.0033931	-.001472	-.000238	.0038592	-.020082
#2	-.003449	-.000906	-.002754	.005284	.0009408	-.034840
#3	-.002306	.001020	.000121	.005357	-.000990	.012321

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002252	-.000053	.0000491	-.004716	-.000894	.0000845
Stddev	.0009271	.000127	.0000451	.035547	.000443	.0002964
%RSD	411.6797	239.3480	91.71720	753.8192	49.56872	350.9064
#1	-.000682	-.000199	.0000502	.035815	-.001000	-.000086
#2	.001171	.000012	.0000937	-.019364	-.000407	.000427
#3	.000187	.000028	.0000035	-.030598	-.001274	-.000088

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002356	.0369219	.0008714	-.104887	.0001321	-.000511
Stddev	.005100	.0295119	.0007710	.056998	.0006330	.001252
%RSD	216.4920	79.93058	88.48255	54.34208	479.1607	244.8343
#1	-.007556	.0141646	.0014722	-.042880	-.000582	.000594
#2	.002639	.0263340	.0000020	-.154998	.000623	-.000258
#3	-.002151	.0702671	.0011400	-.116782	.000356	-.001871

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.152182	.0101984	-.004549	-.205403	-.000021	.0031030
Stddev	.670882	.0026232	.002497	.120645	.003215	.0008571
%RSD	440.8408	25.72200	54.89227	58.73580	15269.95	27.62070
#1	.407482	.0083635	-.005136	-.109416	.003628	.0025147
#2	.031843	.0090287	-.006700	-.165960	-.002438	.0040863
#3	-.895872	.0132030	-.001811	-.340833	-.001254	.0027079

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165364BL Acquired: 12/10/2024 17:56:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS364 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000597	-.005492	-.000774	F -.011151	.0055051	-.000172
Stddev	.000208	.001950	.000581	.000769	.0039116	.000102
%RSD	34.91264	35.51499	74.97986	6.894168	71.05440	58.92804
#1	-.000619	-.007455	-.001398	-.011074	.0069994	-.000097
#2	-.000793	-.003554	-.000676	-.011956	.0010666	-.000288
#3	-.000378	-.005465	-.000250	-.010424	.0084492	-.000132

Elem	Li6707
Units	ppm
Avg	F -.028936
Stddev	.003091
%RSD	10.68193
#1	-.031788
#2	-.029367
#3	-.025651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2491.912	27969.30	2648.790	1974.589	3907.403
Stddev	6.496	163.78	9.040	16.089	12.902
%RSD	.2607002	.5855805	.3413026	.8148132	.3301865
#1	2495.368	27869.98	2659.073	1959.424	3920.400
#2	2484.418	27879.58	2645.202	1972.878	3894.599
#3	2495.949	28158.34	2642.094	1991.465	3907.208

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165351BL Acquired: 12/10/2024 18:04:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS351 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000955	.0016947	.0001522	.0084685	.0016027	.0190964
Stddev	.000878	.0022935	.0012219	.0011783	.0006423	.0216212
%RSD	91.92039	135.3376	802.8487	13.91328	40.07817	113.2211
#1	-.000994	.0007742	.0015394	.0071090	.0010384	.0175347
#2	-.001813	.0000044	-.000765	.0091025	.0023017	.0414561
#3	-.000058	.0043055	-.000318	.0091940	.0014680	-.001702

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006454	-.000023	.0000150	.0208534	-.001009	.0001633
Stddev	.0008413	.000070	.0000366	.0219433	.000361	.0001840
%RSD	130.3596	304.5415	243.7628	105.2263	35.78412	112.7195
#1	-.000316	.000020	.0000573	.0417489	-.001388	.0002782
#2	.001246	-.000104	-.000006	.0228170	-.000969	.0002606
#3	.001006	.000015	-.000006	-.002006	-.000669	-.000049

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017960	.0084394	.0005919	-.093523	-.000722	.0001757
Stddev	.0026163	.0090155	.0009738	.066089	.000488	.0005393
%RSD	145.6787	106.8267	164.5372	70.66629	67.60812	307.0196
#1	-.000271	-.001832	.0000445	-.162441	-.000174	.0007698
#2	.000922	.012107	.0017162	-.087445	-.001110	-.000283
#3	.004737	.015043	.0000149	-.030683	-.000882	.000040

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1355961	.0016909	-.000355	-.243204	-.001316	-.000647
Stddev	.7739738	.0079338	.002893	.174543	.000305	.001816
%RSD	570.7936	469.1979	814.2156	71.76808	23.17813	280.6754
#1	-.022330	.0020530	.002682	-.228092	-.001037	-.000150
#2	.976353	-.006418	-.003079	-.076708	-.001269	-.002660
#3	-.547235	.009438	-.000669	-.424811	-.001642	.000869

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165351BL Acquired: 12/10/2024 18:04:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS351 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000749	-.002116	-.000915	F -.010793	.0039613	-.000047
Stddev	.000220	.001477	.000161	.000749	.0039275	.000091
%RSD	29.40945	69.79352	17.54871	6.940391	99.14677	195.2248
#1	-.000965	-.001338	-.001077	-.010844	.0083476	-.000036
#2	-.000756	-.003819	-.000756	-.010019	.0027654	-.000142
#3	-.000525	-.001191	-.000912	-.011515	.0007707	.000038

Elem	Li6707
Units	ppm
Avg	F -.039209
Stddev	.004555
%RSD	11.61764
#1	-.043110
#2	-.040314
#3	-.034203

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.464	27794.45	2685.244	1967.978	3924.405
Stddev	1.358	68.50	14.786	10.889	2.716
%RSD	.0539909	.2464408	.5506477	.5533327	.0692141
#1	2513.629	27721.37	2700.804	1955.443	3922.076
#2	2516.030	27804.80	2671.378	1973.398	3923.752
#3	2513.733	27857.18	2683.551	1975.095	3927.389

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165364BS Acquired: 12/10/2024 18:09:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS364 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218092	.0501499	.0168783	.0646998	.1060886	.4137468
Stddev	.0033094	.0005867	.0011623	.0029418	.0008854	.0262463
%RSD	15.17415	1.169948	6.886599	4.546774	.8346200	6.343576
#1	.0254436	.0497308	.0171129	.0654433	.1051337	.3965479
#2	.0189695	.0498985	.0179053	.0614577	.1068825	.4439568
#3	.0210147	.0508205	.0156165	.0671985	.1062496	.4007355

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4093234	.0103618	.0093700	10.22390	.0208632	.1002937
Stddev	.0024665	.0000884	.0000599	.03919	.0005266	.0003230
%RSD	.6025693	.8536094	.6388721	.3833481	2.524091	.3220006
#1	.4105440	.0102745	.0093462	10.21896	.0208304	.1005760
#2	.4064847	.0103597	.0094381	10.18741	.0203538	.1003635
#3	.4109415	.0104513	.0093257	10.26533	.0214055	.0999415

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0550138	.2193668	.0316028	10.14897	.0778661	.0188729
Stddev	.0044244	.0168486	.0015614	.02646	.0003908	.0002442
%RSD	8.042311	7.680543	4.940705	.2606893	.5018919	1.293688
#1	.0587329	.2024169	.0329311	10.17713	.0779452	.0190549
#2	.0501209	.2361121	.0298829	10.14516	.0782113	.0185954
#3	.0561876	.2195715	.0319944	10.12463	.0774418	.0189683

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.24193	.1025421	.1084216	9.775685	.0174045	F -.000890
Stddev	.16312	.0028401	.0075804	.093843	.0013003	.002326
%RSD	1.592717	2.769645	6.991631	.9599684	7.470963	261.2638
#1	10.11731	.1000702	.0996972	9.758308	.0187656	-.000716
#2	10.18191	.1019116	.1133977	9.877003	.0172729	.001344
#3	10.42656	.1056444	.1121698	9.691746	.0161750	-.003298

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165364BS Acquired: 12/10/2024 18:09:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS364 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0177020	.1749439	F .4706532	.0126482	.2026342	.2109831
Stddev	.0002406	.0005311	.0030757	.0003718	.0012433	.0002639
%RSD	1.359136	.3035613	.6534882	2.939563	.6135597	.1250705
#1	.0176900	.1745130	.4684243	.0130774	.2019728	.2112876
#2	.0179484	.1755372	.4693732	.0124241	.2040684	.2108397
#3	.0174677	.1747816	.4741622	.0124432	.2018615	.2108219

Elem	Li6707
Units	ppm
Avg	F -.006820
Stddev	.004276
%RSD	62.70046
#1	-.009947
#2	-.008567
#3	-.001947

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2514.042	27545.77	2694.050	1954.770	3898.074
Stddev	3.818	197.41	12.537	18.603	11.922
%RSD	.1518512	.7166540	.4653668	.9516599	.3058376
#1	2510.485	27573.02	2708.343	1960.741	3884.662
#2	2513.565	27336.15	2688.898	1933.915	3902.093
#3	2518.076	27728.13	2684.910	1969.654	3907.467

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165351BS Acquired: 12/10/2024 18:13:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS351 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180158	.0478752	.0161490	.0641013	.1061401	.3915164
Stddev	.0022161	.0004967	.0017847	.0024542	.0014898	.0024781
%RSD	12.30088	1.037427	11.05142	3.828632	1.403576	.6329419
#1	.0183318	.0483982	.0140883	.0648185	.1044358	.3888815
#2	.0200570	.0478177	.0171706	.0613684	.1067899	.3938002
#3	.0156587	.0474098	.0171882	.0661170	.1071945	.3918674

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4063930	.0103646	.0093516	10.16508	.0210271	.0995727
Stddev	.0000211	.0000542	.0000121	.03299	.0002544	.0000713
%RSD	.0051958	.5233914	.1297329	.3245826	1.209691	.0716467
#1	.4063800	.0103510	.0093609	10.14696	.0213122	.0994913
#2	.4063817	.0103184	.0093559	10.20317	.0209453	.0996245
#3	.4064174	.0104243	.0093379	10.14513	.0208236	.0996023

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619444	.2263148	.0333637	10.07216	.0771604	.0200963
Stddev	.0017299	.0239746	.0013193	.09581	.0002714	.0014192
%RSD	2.792618	10.59348	3.954370	.9512248	.3517122	7.061884
#1	.0618650	.2071104	.0318646	10.13777	.0772415	.0198870
#2	.0637126	.2531848	.0338784	10.11651	.0768578	.0187934
#3	.0602556	.2186493	.0343481	9.96222	.0773821	.0216085

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.757025	.1059081	.1107055	9.364334	.0186681	F -.001706
Stddev	.375311	.0021702	.0083731	.048857	.0016554	.000460
%RSD	3.846576	2.049111	7.563364	.5217329	8.867529	26.98960
#1	9.976256	.1064706	.1109588	9.331583	.0173758	-.002200
#2	9.971156	.1035120	.1189490	9.420490	.0180945	-.001289
#3	9.323663	.1077416	.1022086	9.340929	.0205340	-.001628

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165351BS Acquired: 12/10/2024 18:13:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS351 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179941	.1737289	F .4733749	.0131819	.2000800	.2099483
Stddev	.0004035	.0025405	.0038842	.0003639	.0023169	.0006641
%RSD	2.242588	1.462339	.8205377	2.760914	1.157988	.3163205
#1	.0183129	.1764854	.4766442	.0128112	.2018489	.2104727
#2	.0181291	.1732199	.4743993	.0135387	.1974574	.2101707
#3	.0175404	.1714815	.4690811	.0131957	.2009337	.2092016

Elem	Li6707
Units	ppm
Avg	F -.011335
Stddev	.004071
%RSD	35.91962
#1	-.013720
#2	-.006634
#3	-.013651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2482.952	27250.63	2653.928	1931.773	3863.191
Stddev	3.917	12.16	10.195	2.610	9.436
%RSD	.1577585	.0446216	.3841528	.1351267	.2442596
#1	2483.966	27245.81	2646.682	1933.360	3865.799
#2	2486.262	27241.62	2649.516	1933.199	3871.049
#3	2478.627	27264.46	2665.586	1928.760	3852.726

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165350BL Acquired: 12/10/2024 18:17:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS350 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000526	.0012202	-.001306	.0016929	.0016674	.0278021
Stddev	.001609	.0017605	.000713	.0019551	.0012097	.0046085
%RSD	305.8720	144.2802	54.63499	115.4932	72.54836	16.57607
#1	-.000443	.0024829	-.000966	.0034970	.0021836	.0230784
#2	-.002175	-.000791	-.002126	-.000385	.0025334	.0280419
#3	.001040	.001969	-.000826	.001966	.0002853	.0322861

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020912	-.000076	.0000854	-.048580	-.001257	.0002826
Stddev	.0013316	.000057	.0000432	.024389	.000572	.0003157
%RSD	63.67714	74.34177	50.56318	50.20447	45.48476	111.7133
#1	.0036198	-.000141	.0000591	-.029527	-.001900	.0004327
#2	.0011825	-.000041	.0001353	-.076066	-.001063	-.000080
#3	.0014714	-.000046	.0000619	-.040146	-.000807	.000495

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004174	.0073270	.0004953	-.000541	-.000709	.0005378
Stddev	.0035233	.0108406	.0014011	.107363	.000374	.0003733
%RSD	844.1248	147.9536	282.8742	19858.56	52.71445	69.40593
#1	-.000225	-.004897	-.001113	.011469	-.000501	.0009581
#2	.004218	.015774	.001451	-.113403	-.000485	.0002449
#3	-.002741	.011104	.001149	.100313	-.001140	.0004104

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3181083	-.002985	-.002789	-.334348	-.000925	-.003109
Stddev	.1592376	.006685	.003674	.017912	.001639	.002477
%RSD	50.05766	223.9251	131.7386	5.357154	177.2205	79.67655
#1	.2165882	.004625	.001081	-.333921	-.000272	-.005718
#2	.5016345	-.007909	-.006230	-.316654	-.002789	-.002821
#3	.2361021	-.005672	-.003218	-.352469	.000287	-.000789

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165350BL Acquired: 12/10/2024 18:17:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS350 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000778	-.003173	-.000757	F -.010418	.0016708	.0001307
Stddev	.000154	.001098	.000172	.000363	.0019980	.0002157
%RSD	19.86266	34.59157	22.75327	3.488684	119.5875	164.9867
#1	-.000873	-.002718	-.000622	-.009999	.0013449	-.000114
#2	-.000599	-.004426	-.000951	-.010649	-.000144	.000212
#3	-.000860	-.002377	-.000698	-.010606	.003812	.000294

Elem	Li6707
Units	ppm
Avg	F -.040814
Stddev	.003089
%RSD	7.567428
#1	-.044372
#2	-.038828
#3	-.039242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2508.071	27615.50	2655.583	1947.989	3929.348
Stddev	2.732	182.05	16.573	13.453	10.928
%RSD	.1089375	.6592327	.6240879	.6905966	.2781068
#1	2507.375	27443.94	2653.649	1935.103	3925.933
#2	2511.083	27596.08	2640.062	1946.920	3941.576
#3	2505.753	27806.48	2673.038	1961.945	3920.536

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165350BS Acquired: 12/10/2024 18:22:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS350 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198793	.0480192	.0166842	.0627768	.1051420	.4005138
Stddev	.0029917	.0009951	.0019704	.0015509	.0007845	.0014707
%RSD	15.04946	2.072233	11.81012	2.470543	.7461092	.3671917
#1	.0192531	.0477948	.0152591	.0612046	.1046675	.3988457
#2	.0172503	.0471555	.0189328	.0643055	.1047111	.4016230
#3	.0231346	.0491073	.0158608	.0628202	.1060475	.4010728

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4082904	.0104674	.0093320	10.21888	.0207430	.1006185
Stddev	.0006520	.0001034	.0000668	.02404	.0001587	.0002395
%RSD	.1596977	.9881879	.7159520	.2352077	.7652365	.2379941
#1	.4090371	.0104638	.0093718	10.19791	.0205842	.1003478
#2	.4080005	.0103657	.0092549	10.21362	.0207433	.1007050
#3	.4078336	.0105725	.0093694	10.24511	.0209017	.1008027

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0532367	.2152129	.0331077	10.11124	.0785051	.0191622
Stddev	.0049239	.0310621	.0010755	.11884	.0001641	.0013433
%RSD	9.249079	14.43317	3.248506	1.175321	.2090621	7.009927
#1	.0589208	.1795739	.0320996	10.20960	.0786656	.0180623
#2	.0502828	.2295330	.0329836	10.14493	.0783375	.0206593
#3	.0505064	.2365319	.0342399	9.97919	.0785121	.0187652

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.836501	.0991553	.1079875	9.627275	.0160050	F -.004365
Stddev	.062424	.0024963	.0016207	.090884	.0031418	.002708
%RSD	.6346109	2.517554	1.500859	.9440239	19.63023	62.04891
#1	9.778896	.0977919	.1077836	9.566303	.0137213	-.002033
#2	9.902826	.1020363	.1064784	9.583792	.0147056	-.007335
#3	9.827781	.0976375	.1097006	9.731732	.0195881	-.003725

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: PB165350BS Acquired: 12/10/2024 18:22:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS350 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179937	.1759469	F .4739915	.0122529	.1985120	.2101155
Stddev	.0003542	.0005816	.0008987	.0011685	.0044624	.0008087
%RSD	1.968675	.3305804	.1895959	9.536603	2.247949	.3848859
#1	.0183734	.1761481	.4729539	.0120719	.1988629	.2093282
#2	.0176721	.1764012	.4744986	.0111854	.2027886	.2109441
#3	.0179355	.1752914	.4745221	.0135013	.1938845	.2100742

Elem	Li6707
Units	ppm
Avg	F -.009215
Stddev	.001419
%RSD	15.39640
#1	-.010445
#2	-.007663
#3	-.009536

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2493.475	27480.27	2659.990	1945.496	3876.824
Stddev	10.464	8.33	7.810	5.765	13.732
%RSD	.4196398	.0303161	.2936001	.2963023	.3542195
#1	2483.626	27472.49	2651.592	1950.720	3862.168
#2	2504.461	27489.06	2667.034	1939.311	3889.395
#3	2492.338	27479.26	2661.343	1946.457	3878.909

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV090 Acquired: 12/10/2024 18:26:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.928887	4.901433	24.93959	4.760284	4.839254	399.5872
Stddev	.023847	.020221	.09706	.024082	.016021	1.4996
%RSD	.4838223	.4125565	.3891860	.5058902	.3310555	.3752917
#1	4.923919	4.889471	24.86718	4.742673	4.824509	400.7595
#2	4.907915	4.890048	24.90172	4.750453	4.836953	397.8974
#3	4.954826	4.924780	25.04988	4.787726	4.856301	400.1048

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.12509	.5041438	2.508260	405.2378	15.60971	2.526815
Stddev	.04109	.0046286	.009799	1.1623	.01204	.010544
%RSD	.4058083	.9181016	.3906888	.2868120	.0771256	.4172752
#1	10.15170	.5085485	2.499341	406.2728	15.60749	2.517898
#2	10.07777	.4993199	2.506687	403.9804	15.59893	2.524096
#3	10.14580	.5045630	2.518750	405.4601	15.62270	2.538453

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.06968	406.8036	14.96942	406.1755	2.521291	1.252044
Stddev	.02058	1.7643	.04752	.5961	.008692	.000792
%RSD	.1365661	.4337083	.3174660	.1467603	.3447259	.0632414
#1	15.06344	408.2259	15.01648	405.7619	2.514600	1.251154
#2	15.05294	404.8292	14.92144	405.9058	2.518160	1.252669
#3	15.09265	407.3556	14.97036	406.8588	2.531115	1.252310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	400.4574	2.518448	14.77530	152.5548	5.002156	F 4.165039
Stddev	.6264	.011870	.15856	.4888	.024410	.037151
%RSD	.1564176	.4713101	1.073122	.3204097	.4879895	.8919611
#1	400.6778	2.531473	14.68154	152.5408	4.980813	4.197484
#2	399.7506	2.515629	14.95837	152.0732	4.996883	4.124513
#3	400.9438	2.508242	14.68600	153.0505	5.028771	4.173120

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV090 Acquired: 12/10/2024 18:26:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.825736	5.033655	4.935018	5.032312	5.017230	4.847350
Stddev	.016000	.029110	.054995	.023357	.007957	.007006
%RSD	.3315603	.5783125	1.114388	.4641330	.1585933	.1445345
#1	4.811335	5.002915	4.984253	5.009445	5.023850	4.849892
#2	4.822913	5.037249	4.875667	5.031362	5.019438	4.839427
#3	4.842960	5.060801	4.945132	5.056129	5.008402	4.852729

Elem	Li6707
Units	ppm
Avg	5.053269
Stddev	.024428
%RSD	.4834179
#1	5.074454
#2	5.026548
#3	5.058804

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2110.666	24155.30	2585.029	1607.210	3106.505
Stddev	4.720	56.27	20.282	11.454	7.579
%RSD	.2236070	.2329499	.7845796	.7126760	.2439583
#1	2116.115	24218.05	2566.253	1611.626	3115.243
#2	2108.027	24109.32	2606.539	1594.205	3102.557
#3	2107.855	24138.54	2582.294	1615.799	3101.716

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB090 Acquired: 12/10/2024 18:29:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001496	.0017547	-.000025	.0067262	.0002541	.0057372
Stddev	.002335	.0010944	.001330	.0033896	.0005715	.0240778
%RSD	156.0426	62.37322	5304.558	50.39481	224.9386	419.6764
#1	.000115	.0028461	-.000027	.0094100	-.000130	-.017977
#2	-.000430	.0006573	-.001355	.0029170	.000911	.005027
#3	-.004174	.0017605	.001306	.0078516	-.000019	.030163

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003336	-.000035	.0000794	.0602072	-.001083	.0001745
Stddev	.0012691	.000104	.0000422	.0198071	.000493	.0000915
%RSD	380.4373	298.1970	53.17854	32.89821	45.53038	52.43496
#1	-.000912	.000059	.0001232	.0507472	-.001341	.0002793
#2	.000287	-.000146	.0000760	.0469039	-.001394	.0001103
#3	.001625	-.000017	.0000390	.0829706	-.000514	.0001341

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010158	.0221267	.0010530	-.019814	-.000212	-.000942
Stddev	.0012131	.0400294	.0017237	.127146	.000611	.001234
%RSD	119.4257	180.9096	163.7035	641.6850	288.3008	131.0000
#1	-.000050	.0600912	-.000836	.054139	.000353	-.002157
#2	.000761	-.019689	.002540	-.166629	-.000861	-.000981
#3	.002336	.025978	.001456	.053046	-.000127	.000311

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.198652	.0011064	.0001775	-.035395	-.002861	.0117732
Stddev	.478711	.0050230	.0060336	.195654	.002162	.0003786
%RSD	240.9798	453.9808	3399.177	552.7672	75.54715	3.215806
#1	-.607849	-.004232	-.006494	-.186749	-.002376	.0120204
#2	-.315897	.005739	.001776	.185539	-.005224	.0113374
#3	.327789	.001812	.005251	-.104976	-.000984	.0119619

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB090 Acquired: 12/10/2024 18:29:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB090 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000513	-.006070	-.000356	F -.010088	.0042525	.0002400
Stddev	.000193	.004857	.000450	.000282	.0035783	.0002583
%RSD	37.71562	80.01954	126.5313	2.796533	84.14578	107.6251
#1	-.000481	-.001032	-.000726	-.009767	.0007006	.0004886
#2	-.000337	-.006453	-.000486	-.010203	.0078567	.0002587
#3	-.000720	-.010723	.000145	-.010295	.0042002	-.000027

Elem	Li6707
Units	ppm
Avg	F -.022281
Stddev	.002152
%RSD	9.657544
#1	-.022728
#2	-.019941
#3	-.024174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2529.547	27820.01	2688.185	1968.046	3941.010
Stddev	15.361	49.98	4.735	6.863	22.852
%RSD	.6072625	.1796422	.1761558	.3487096	.5798599
#1	2530.031	27762.36	2691.221	1960.576	3943.271
#2	2544.660	27851.04	2690.605	1974.072	3962.648
#3	2513.949	27846.63	2682.728	1969.491	3917.111

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-01 Acquired: 12/10/2024 18:33:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2394960	.0074021	9.663514	.0034025	-.005291	65.59257
Stddev	.0036207	.0025113	.025281	.0031466	.000868	.17505
%RSD	1.511810	33.92628	.2616155	92.47965	16.40689	.2668757
#1	.2434550	.0092437	9.638658	-.000129	-.004930	65.62083
#2	.2386801	.0045415	9.662684	.004430	-.006282	65.75177
#3	.2363528	.0084212	9.689200	.005907	-.004662	65.40510

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.475690	.0067769	.0114871	172.8325	.1614559	.1107733
Stddev	.010073	.0000810	.0000319	.4137	.0018697	.0007578
%RSD	.4068748	1.194772	.2776449	.2393439	1.158041	.6840959
#1	2.472467	.0066838	.0115236	173.1189	.1611983	.1101468
#2	2.486979	.0068159	.0114650	173.0204	.1597284	.1105575
#3	2.467622	.0068311	.0114726	172.3582	.1634411	.1116156

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4421211	133.5144	9.472684	23.59242	.1888673	-.007249
Stddev	.0033218	.2355	.030617	.07932	.0005789	.001090
%RSD	.7513399	.1763752	.3232161	.3362240	.3065350	15.03764
#1	.4421052	133.5844	9.496777	23.57610	.1886465	-.007049
#2	.4454508	133.7069	9.483046	23.67864	.1884312	-.006272
#3	.4388072	133.2518	9.438231	23.52253	.1895241	-.008425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.124758	.3563445	3.079255	7.987114	F 18.47128	-.338955
Stddev	.282646	.0049433	.021587	.152292	.03534	.006419
%RSD	25.12948	1.387219	.7010469	1.906720	.1913014	1.893888
#1	.899451	.3575977	3.077556	7.993373	18.44257	-.342255
#2	1.032921	.3605406	3.058568	7.831788	18.46052	-.331557
#3	1.441902	.3508953	3.101641	8.136179	18.51074	-.343054

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-01 Acquired: 12/10/2024 18:33:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212035	3.458861	4.905383	.2101124	.8283080	.6221564
Stddev	.0001649	.013347	.002529	.0003207	.0030113	.0024813
%RSD	.7777195	.3858788	.0515471	.1526083	.3635523	.3988297
#1	.0213242	3.443680	4.904763	.2098061	.8286774	.6240185
#2	.0212706	3.464150	4.908164	.2104457	.8311176	.6231112
#3	.0210156	3.468753	4.903222	.2100854	.8251290	.6193395

Elem	Li6707
Units	ppm
Avg	.0911111
Stddev	.0043257
%RSD	4.747737
#1	.0883201
#2	.0889191
#3	.0960940

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2927.112	31689.08	3172.789	2268.878	3813.693
Stddev	7.914	349.13	10.630	27.179	18.200
%RSD	.2703830	1.101747	.3350223	1.197917	.4772242
#1	2934.536	31948.02	3184.735	2282.887	3829.451
#2	2928.016	31827.20	3169.257	2286.195	3817.857
#3	2918.785	31292.02	3164.375	2237.552	3793.773

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-02 Acquired: 12/10/2024 18:37:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2312064	.0059890	9.560599	.0029381	-.003994	65.53130
Stddev	.0035231	.0007677	.046451	.0051157	.001969	.15461
%RSD	1.523794	12.81808	.4858538	174.1197	49.29545	.2359321
#1	.2308943	.0058351	9.590432	-.002632	-.003166	65.56120
#2	.2348751	.0053099	9.584285	.004020	-.002575	65.36393
#3	.2278497	.0068219	9.507080	.007426	-.006242	65.66879

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.453205	.0067272	.0114550	171.8328	.1583459	.1098403
Stddev	.002098	.0000407	.0001111	.4116	.0003159	.0007823
%RSD	.0855049	.6043810	.9702341	.2395441	.1995243	.7121918
#1	2.454939	.0067318	.0115593	172.0433	.1580010	.1103990
#2	2.450873	.0066844	.0114674	171.3585	.1584154	.1101757
#3	2.453803	.0067653	.0113381	172.0966	.1586213	.1089463

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4379902	132.3762	9.462725	23.62938	.1875676	-.006985
Stddev	.0076794	.4436	.029987	.12781	.0010868	.000266
%RSD	1.753326	.3351277	.3168997	.5409027	.5794308	3.802452
#1	.4298476	132.3216	9.488471	23.75641	.1885970	-.007291
#2	.4390208	131.9624	9.429800	23.63093	.1876746	-.006822
#3	.4451023	132.8446	9.469905	23.50080	.1864312	-.006840

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6967740	.3525237	3.053755	7.948310	F 18.21283	-.338265
Stddev	.6714712	.0037073	.003885	.182515	.08816	.001865
%RSD	96.36858	1.051659	.1272086	2.296271	.4840340	.5512225
#1	.9678575	.3568039	3.049568	7.796693	18.27565	-.336430
#2	1.190326	.3504482	3.057243	7.897347	18.25078	-.340158
#3	-.067861	.3503191	3.054455	8.150889	18.11205	-.338208

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-02 Acquired: 12/10/2024 18:37:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211180	3.392633	4.876054	.2072082	.8297093	.6242348
Stddev	.0001344	.020719	.019206	.0010451	.0051540	.0027929
%RSD	.6364508	.6107062	.3938822	.5043873	.6211764	.4474148
#1	.0212718	3.411758	4.870651	.2060309	.8356603	.6271561
#2	.0210231	3.395518	4.860128	.2080267	.8266793	.6215910
#3	.0210591	3.370623	4.897382	.2075669	.8267884	.6239575

Elem	Li6707
Units	ppm
Avg	.0900102
Stddev	.0016495
%RSD	1.832570
#1	.0914886
#2	.0882310
#3	.0903110

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.768	31584.35	3116.520	2252.510	3786.376
Stddev	9.721	35.45	15.768	3.797	15.791
%RSD	.3362808	.1122413	.5059419	.1685568	.4170570
#1	2886.887	31607.67	3122.430	2256.410	3781.342
#2	2883.586	31543.55	3128.479	2252.295	3773.716
#3	2901.830	31601.83	3098.651	2248.825	3804.071

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-01LX5 Acquired: 12/10/2024 18:41:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0480449	.0021125	1.984514	.0054391	-.002851	14.94117	.5656299
Stddev	.0031876	.0011559	.002557	.0014450	.000414	.04999	.0028004
%RSD	6.634574	54.71421	.1288386	26.56699	14.53237	.3345956	.4950989
#1	.0513175	.0019220	1.986683	.0048473	-.003123	14.88715	.5636429
#2	.0478674	.0033518	1.985162	.0070860	-.003055	14.95057	.5644141
#3	.0449498	.0010638	1.981695	.0043839	-.002374	14.98580	.5688328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015834	.0022981	39.63291	.0351345	.0331792	.0988898	30.66144
Stddev	.0001408	.0001080	.08785	.0007395	.0005109	.0056262	.08445
%RSD	8.893621	4.701456	.2216628	2.104757	1.539798	5.689407	.2754116
#1	.0014436	.0024181	39.57734	.0351773	.0334443	.0946320	30.68492
#2	.0015813	.0022676	39.73419	.0358517	.0325903	.0967692	30.56774
#3	.0017252	.0022086	39.58720	.0343745	.0335031	.1052682	30.73167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.181671	5.358811	.0373478	-.002630	.4552964	.0779713	.6902641
Stddev	.007057	.080061	.0010120	.001542	.5407217	.0087086	.0087114
%RSD	.3234862	1.493998	2.709689	58.61925	118.7626	11.16898	1.262043
#1	2.175456	5.334859	.0373985	-.001856	-.109236	.0706589	.6985061
#2	2.189343	5.448113	.0383334	-.004405	.506570	.0756494	.6811490
#3	2.180213	5.293460	.0363113	-.001629	.968555	.0876055	.6911372

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.568746	3.718199	-.080254	.0040837	.6839369	1.134186	.0345187
Stddev	.086944	.004487	.000633	.0002351	.0021807	.003163	.0006358
%RSD	5.542269	.1206899	.7882227	5.756649	.3188388	.2788811	1.841768
#1	1.468552	3.722841	-.080420	.0039652	.6857207	1.130542	.0347995
#2	1.624328	3.713884	-.079555	.0039315	.6815059	1.136214	.0337908
#3	1.613358	3.717871	-.080788	.0043545	.6845841	1.135803	.0349656

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-01LX5 Acquired: 12/10/2024 18:41:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1867954	.1424149	-.002460
Stddev	.0040717	.0010537	.004661
%RSD	2.179752	.7398631	189.4717
#1	.1872423	.1416273	.002826
#2	.1906252	.1436118	-.004226
#3	.1825187	.1420055	-.005981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2582.949	28469.79	2754.704	2012.852	3850.310
Stddev	5.370	113.23	15.805	6.056	5.980
%RSD	.2078849	.3977122	.5737304	.3008870	.1553011
#1	2578.543	28451.21	2770.983	2012.739	3845.922
#2	2588.930	28591.16	2739.421	2018.964	3857.121
#3	2581.373	28367.00	2753.710	2006.853	3847.888

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-03 Acquired: 12/10/2024 18:45:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3182951	.0981249	9.494938	.1507188	.1529614	69.14714
Stddev	.0026020	.0027555	.056698	.0011682	.0009796	2.63245
%RSD	.8174961	2.808192	.5971349	.7751115	.6404248	3.807022
#1	.3156196	.0996914	9.557741	.1505873	.1530117	72.18658
#2	.3184488	.0997401	9.479551	.1496218	.1519575	67.66095
#3	.3208169	.0949432	9.447522	.1519472	.1539148	67.59388

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.096958	.0974655	.1039023	171.8238	.5249846	1.086831
Stddev	.217635	.0031448	.0006352	6.4375	.0107018	.007009
%RSD	3.569570	3.226622	.6113100	3.746589	2.038504	.6449085
#1	6.348260	.1010482	.1046156	179.2526	.5127969	1.094208
#2	5.971944	.0951610	.1036935	168.3357	.5328459	1.086026
#3	5.970668	.0961873	.1033979	167.8831	.5293111	1.080259

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8669256	134.7619	10.29128	23.42294	1.172917	.0740759
Stddev	.0392467	5.2682	.35234	.90772	.008709	.0001488
%RSD	4.527110	3.909299	3.423669	3.875366	.7424753	.2008809
#1	.9116518	140.8302	10.69793	24.46731	1.182039	.0740098
#2	.8382397	132.0958	10.07718	22.97772	1.172023	.0739716
#3	.8508854	131.3595	10.09872	22.82378	1.164690	.0742463

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9006630	1.266608	3.753619	8.052604	F 17.99994	-.330767
Stddev	.6871720	.056620	.062363	.262596	.09551	.011340
%RSD	76.29625	4.470186	1.661397	3.261009	.5306182	3.428275
#1	.7465166	1.331300	3.684660	8.354610	18.10450	-.342592
#2	.3036556	1.242450	3.806059	7.878129	17.97804	-.319985
#3	1.651817	1.226075	3.770137	7.925072	17.91728	-.329726

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5041-03 Acquired: 12/10/2024 18:45:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK78S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0209460	3.383938	4.806402	.2049373	.8222690	.6163751
Stddev	.0001743	.017572	.150459	.0027520	.0274326	.0203945
%RSD	.8319475	.5192637	3.130394	1.342856	3.336203	3.308775
#1	.0209128	3.399463	4.976164	.2075368	.8536505	.6398604
#2	.0207906	3.387490	4.689528	.2052204	.8028437	.6031278
#3	.0211344	3.364862	4.753514	.2020547	.8103128	.6061371

Elem	Li6707
Units	ppm
Avg	.0900121
Stddev	.0073629
%RSD	8.179896
#1	.0972064
#2	.0903384
#3	.0824915

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.196	32354.17	3135.787	2294.206	3839.623
Stddev	9.698	466.63	109.773	31.426	19.813
%RSD	.3317564	1.442260	3.500663	1.369781	.5160267
#1	2915.191	32859.17	3010.081	2329.611	3819.916
#2	2920.417	31938.96	3212.736	2269.616	3839.412
#3	2933.980	32264.39	3184.545	2283.392	3859.541

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-01 Acquired: 12/10/2024 18:49:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1284278	.0072712	2.500005	-.001371	-.002788	68.96950	1.497378
Stddev	.0015994	.0007306	.036268	.003693	.004879	1.00226	.023163
%RSD	1.245375	10.04760	1.450723	269.3792	175.0115	1.453188	1.546881
#1	.1293541	.0077421	2.480720	-.005348	-.008378	69.48077	1.505848
#2	.1293483	.0064296	2.541841	-.000714	.000613	67.81472	1.471173
#3	.1265809	.0076420	2.477454	.001949	-.000598	69.61302	1.515114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072107	.0084479	133.2050	.1171192	.1257808	.4904064	173.2357
Stddev	.0000873	.0001017	1.9199	.0007401	.0015443	.0139856	2.3778
%RSD	1.210971	1.203335	1.441340	.6319437	1.227727	2.851835	1.372605
#1	.0072795	.0084770	134.1903	.1173508	.1247044	.4980386	174.5500
#2	.0072401	.0085318	130.9924	.1177159	.1275502	.4742652	170.4908
#3	.0071124	.0083349	134.4321	.1162910	.1250878	.4989154	174.6663

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.37916	38.44643	.1971514	-.011429	.8740198	.1570916	1.661234
Stddev	.20132	.40923	.0019440	.000419	.6916265	.0031173	.014887
%RSD	1.504739	1.064405	.9860301	3.663329	79.13168	1.984406	.8961693
#1	13.47756	38.74188	.1965034	-.011720	1.200717	.1581122	1.659446
#2	13.14756	37.97934	.1993366	-.011619	.079562	.1535919	1.647322
#3	13.51234	38.61809	.1956142	-.010949	1.341780	.1595706	1.676935

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.459074	8.663444	-.460350	.0059322	2.754918	5.828430	.3464366
Stddev	.156874	.124066	.002676	.0002050	.045025	.047354	.0059447
%RSD	1.658447	1.432062	.5812980	3.455954	1.634361	.8124656	1.715967
#1	9.430450	8.605680	-.461060	.0057527	2.724742	5.878723	.3469719
#2	9.318483	8.805859	-.457391	.0058883	2.806672	5.784700	.3520955
#3	9.628288	8.578792	-.462600	.0061556	2.733342	5.821867	.3402423

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-01 Acquired: 12/10/2024 18:49:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6196112	.9512900	.0385422
Stddev	.0105070	.0158011	.0044963
%RSD	1.695742	1.661013	11.66580
#1	.6204938	.9594490	.0406038
#2	.6086907	.9330774	.0333848
#3	.6296490	.9613437	.0416380

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2989.100	32574.78	3264.621	2321.097	3726.991
Stddev	24.880	122.15	14.544	5.455	42.280
%RSD	.8323669	.3749706	.4455028	.2350074	1.134415
#1	2996.495	32711.81	3248.533	2327.197	3748.018
#2	2961.361	32477.34	3276.838	2316.688	3678.320
#3	3009.445	32535.20	3268.491	2319.406	3754.634

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-02 Acquired: 12/10/2024 18:53:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1287286	.0072564	2.491583	-.000657	-.003992	69.04628	1.508956
Stddev	.0011875	.0008990	.004015	.001615	.000722	.61159	.009107
%RSD	.9224953	12.38934	.1611304	245.7596	18.08776	.8857624	.6035320
#1	.1279456	.0068121	2.491863	.001183	-.004346	68.60917	1.504070
#2	.1281452	.0066660	2.495450	-.001841	-.004467	68.78448	1.503334
#3	.1300950	.0082910	2.487436	-.001313	-.003161	69.74518	1.519463

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071765	.0083805	133.9119	.1165361	.1244751	.5014670	174.2288
Stddev	.0001950	.0001311	1.1960	.0019817	.0003093	.0080319	1.4948
%RSD	2.716550	1.564828	.8931553	1.700496	.2484470	1.601672	.8579558
#1	.0070522	.0084815	133.1699	.1175168	.1241470	.4933870	173.1481
#2	.0070762	.0084278	133.2742	.1142553	.1245170	.5094498	173.6035
#3	.0074012	.0082323	135.2917	.1178362	.1247612	.5015643	175.9347

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.38729	38.39321	.1945308	-.010049	.8509782	.1665441	1.641094
Stddev	.13591	.47782	.0010745	.000809	.4227719	.0022895	.026162
%RSD	1.015246	1.244535	.5523289	8.050461	49.68070	1.374695	1.594206
#1	13.31380	38.25545	.1954610	-.009962	1.117258	.1689645	1.656924
#2	13.30395	37.99941	.1947767	-.009287	1.072179	.1644131	1.610896
#3	13.54413	38.92478	.1933547	-.010898	.363497	.1662546	1.655463

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.494141	8.644209	-.463560	.0060098	2.747731	5.802488	.3471474
Stddev	.176594	.012872	.012528	.0002148	.009979	.116631	.0011658
%RSD	1.860032	.1489099	2.702520	3.574785	.3631891	2.010017	.3358099
#1	9.318739	8.640905	-.458666	.0060022	2.755970	5.746154	.3476830
#2	9.491779	8.658411	-.454218	.0057989	2.736635	5.724718	.3458101
#3	9.671904	8.633311	-.477796	.0062283	2.750589	5.936592	.3479491

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-02 Acquired: 12/10/2024 18:53:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6248292	.9515195	.0379391
Stddev	.0047785	.0097704	.0021149
%RSD	.7647750	1.026824	5.574424
#1	.6202262	.9478598	.0403633
#2	.6244956	.9441072	.0369828
#3	.6297658	.9625914	.0364712

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3019.799	32905.82	3285.676	2351.826	3762.324
Stddev	8.130	396.52	50.358	29.943	9.016
%RSD	.2692397	1.205024	1.532653	1.273160	.2396466
#1	3012.354	32770.50	3309.574	2349.318	3751.944
#2	3018.568	33352.29	3319.635	2382.944	3766.814
#3	3028.475	32594.67	3227.818	2323.216	3768.214

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-01LX5 Acquired: 12/10/2024 18:56:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0241831	.0028728	.4962245	.0004008	-.001211	15.82763	.3478329
Stddev	.0010472	.0011334	.0057135	.0023017	.001806	.02190	.0012219
%RSD	4.330419	39.45128	1.151388	574.2424	149.1140	.1383808	.3512970
#1	.0246696	.0023939	.5015312	.0012413	-.002292	15.80418	.3486038
#2	.0229811	.0041670	.4969657	-.002203	.000874	15.83114	.3484709
#3	.0248987	.0020575	.4901766	.002164	-.002215	15.84757	.3464240

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016763	.0016867	30.88387	.0258782	.0331510	.1153704	40.28345
Stddev	.0001230	.0000045	.03725	.0013073	.0001367	.0037585	.06975
%RSD	7.335398	.2685833	.1206252	5.051759	.4124349	3.257770	.1731386
#1	.0018179	.0016868	30.85901	.0270430	.0331989	.1196276	40.35897
#2	.0016144	.0016912	30.86589	.0244643	.0332574	.1139724	40.26994
#3	.0015965	.0016822	30.92670	.0261275	.0329968	.1125112	40.22145

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.110861	8.874163	.0383027	-.003026	.1901624	.0412734	.3813697
Stddev	.008797	.064238	.0006507	.000598	.5528979	.0056571	.0055297
%RSD	.2827947	.7238772	1.698756	19.77565	290.7505	13.70642	1.449958
#1	3.111187	8.809738	.0385812	-.003438	-.427903	.0440385	.3858685
#2	3.101906	8.938213	.0387678	-.003299	.360657	.0450161	.3751962
#3	3.119492	8.874539	.0375591	-.002339	.637733	.0347655	.3830443

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.877256	1.692451	-.113003	.0006976	.5357538	1.404674	.0589650
Stddev	.086719	.014187	.001793	.0002669	.0059965	.003340	.0014701
%RSD	4.619479	.8382520	1.586924	38.25490	1.119257	.2377944	2.493224
#1	1.912112	1.708403	-.113231	.0009973	.5423831	1.406890	.0594036
#2	1.941124	1.687701	-.114671	.0004856	.5307080	1.406300	.0573255
#3	1.778532	1.681248	-.111107	.0006100	.5341702	1.400832	.0601659

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-01LX5 Acquired: 12/10/2024 18:56:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1435485	.2201422	-.024976
Stddev	.0028228	.0007407	.003522
%RSD	1.966429	.3364738	14.09993
#1	.1408574	.2205652	-.024463
#2	.1464867	.2192869	-.028726
#3	.1433015	.2205746	-.021739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2613.962	28879.13	2803.304	2049.178	3845.175
Stddev	14.834	135.52	19.267	13.026	29.014
%RSD	.5674795	.4692698	.6872932	.6356926	.7545684
#1	2596.923	28772.75	2801.635	2035.115	3811.820
#2	2620.967	29031.71	2784.927	2060.831	3859.128
#3	2623.996	28832.93	2823.352	2051.589	3864.576

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-03 Acquired: 12/10/2024 19:00:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2088738	.0965660	2.449293	.1429665	.1485082	70.40306	4.864656
Stddev	.0036036	.0014167	.022883	.0055797	.0036991	.38372	.023451
%RSD	1.725257	1.467120	.9342577	3.902808	2.490833	.5450399	.4820618
#1	.2062010	.0955819	2.439630	.1373071	.1483574	69.96485	4.837640
#2	.2074483	.0981898	2.432828	.1431293	.1448868	70.56541	4.876576
#3	.2129721	.0959263	2.475423	.1484630	.1522803	70.67893	4.879753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0933524	.1022395	129.1797	.4840034	1.116597	.8841488	169.1462
Stddev	.0009647	.0007842	.7380	.0011454	.011198	.0066528	1.0804
%RSD	1.033368	.7670429	.5713260	.2366506	1.002849	.7524565	.6387241
#1	.0922398	.1018224	128.4515	.4852567	1.111209	.8829309	167.9222
#2	.0939545	.1017520	129.1603	.4837426	1.109112	.8781891	169.5490
#3	.0938630	.1031442	129.9272	.4830108	1.129471	.8913265	169.9673

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.81748	37.36702	1.196208	.0689656	.6873765	1.031279	2.365487
Stddev	.10443	.11396	.009255	.0006211	.4020434	.002571	.012002
%RSD	.7557667	.3049776	.7737255	.9005418	58.48954	.2492662	.5073890
#1	13.71746	37.27073	1.191008	.0682589	.2247923	1.029723	2.376904
#2	13.80917	37.33750	1.190723	.0692133	.9525912	1.034246	2.352975
#3	13.92582	37.49284	1.206894	.0694245	.8847461	1.029868	2.366582

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.966198	8.335409	-.458427	.0061559	2.653700	5.928839	.3341879
Stddev	.135207	.070221	.003204	.0001773	.029956	.063632	.0021489
%RSD	1.507960	.8424394	.6989479	2.879740	1.128828	1.073259	.6430261
#1	8.845989	8.293933	-.454753	.0063462	2.639808	5.855824	.3321357
#2	8.940029	8.295808	-.460641	.0061258	2.633213	5.958238	.3340060
#3	9.112577	8.416486	-.459887	.0059955	2.688080	5.972456	.3364220

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5042-03 Acquired: 12/10/2024 19:00:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKB0S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6181173	.9176298	.0313650
Stddev	.0032964	.0077689	.0015543
%RSD	.5332974	.8466299	4.955488
#1	.6144889	.9098644	.0295721
#2	.6189353	.9176226	.0323334
#3	.6209277	.9254023	.0321893

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2970.309	32696.43	3281.037	2323.296	3746.581
Stddev	14.640	31.43	33.976	2.406	24.874
%RSD	.4928839	.0961322	1.035514	.1035758	.6639088
#1	2980.398	32679.30	3320.197	2325.489	3757.446
#2	2977.011	32732.70	3263.514	2323.679	3764.175
#3	2953.517	32677.28	3259.401	2320.722	3718.123

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-01 Acquired: 12/10/2024 19:04:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468702	-.002836	.2504523	.0018773	.0013268	70.07477	.6247701
Stddev	.0031431	.002183	.0007550	.0042499	.0003088	.18127	.0031678
%RSD	6.705963	76.96988	.3014393	226.3877	23.27412	.2586819	.5070369
#1	.0450814	-.001039	.2512597	-.002785	.0011059	70.25900	.6278076
#2	.0504994	-.005266	.2503334	.005535	.0016796	69.89661	.6214864
#3	.0450298	-.002204	.2497638	.002881	.0011948	70.06870	.6250162

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060278	.0023003	37.35375	.0827810	.0746474	.1270341	150.5426
Stddev	.0001490	.0001089	.16095	.0012778	.0004766	.0033214	.6672
%RSD	2.472310	4.734375	.4308888	1.543562	.6384178	2.614562	.4432188
#1	.0060283	.0022122	37.49809	.0825036	.0744427	.1248261	151.2654
#2	.0058785	.0022667	37.18019	.0841747	.0743073	.1308538	149.9502
#3	.0061766	.0024221	37.38296	.0816648	.0751921	.1254223	150.4122

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.297124	17.80525	.1025876	-.013897	.7169306	.1623280	.3244434
Stddev	.012362	.02163	.0005502	.000313	.4560405	.0051725	.0096491
%RSD	.3749233	.1214818	.5363207	2.254127	63.61013	3.186441	2.974061
#1	3.310312	17.78029	.1025591	-.013990	.7477897	.1655011	.3354787
#2	3.285800	17.81854	.1020521	-.013547	1.156758	.1563593	.3175949
#3	3.295260	17.81693	.1031514	-.014152	.246244	.1651236	.3202565

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.466233	3.385891	-.427399	.0023911	.8940549	6.137211	.0125612
Stddev	.084290	.017726	.007688	.0001440	.0094077	.019433	.0006883
%RSD	3.417774	.5235360	1.798725	6.023090	1.052250	.3166503	5.479513
#1	2.372343	3.376551	-.424442	.0024349	.8890833	6.136175	.0131544
#2	2.490965	3.374788	-.436127	.0022303	.8881761	6.157142	.0127228
#3	2.535390	3.406334	-.421630	.0025082	.9049054	6.118316	.0118065

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-01 Acquired: 12/10/2024 19:04:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7646850	-.057937	.0520618
Stddev	.0074394	.000524	.0019422
%RSD	.9728670	.9045836	3.730543
#1	.7661187	-.058388	.0513013
#2	.7566331	-.058060	.0542691
#3	.7713031	-.057362	.0506149

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2861.773	31449.88	3057.875	2225.932	3868.589
Stddev	12.132	126.04	12.109	3.874	19.559
%RSD	.4239495	.4007617	.3959782	.1740310	.5055768
#1	2863.148	31407.27	3048.544	2221.770	3872.526
#2	2873.159	31350.67	3053.523	2229.433	3885.880
#3	2849.011	31591.70	3071.558	2226.594	3847.361

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-02 Acquired: 12/10/2024 19:08:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467148	-.001754	.2496880	-.002476	.0021646	70.03459	.6276288
Stddev	.0024427	.000491	.0017528	.003028	.0007055	.14002	.0012399
%RSD	5.229007	28.01092	.7019970	122.3175	32.59332	.1999231	.1975479
#1	.0440390	-.001196	.2487697	-.004970	.0015148	69.87487	.6262121
#2	.0472799	-.002122	.2485852	.000894	.0020640	70.13617	.6281587
#3	.0488254	-.001944	.2517092	-.003350	.0029151	70.09273	.6285157

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060370	.0023366	37.23224	.0837481	.0747448	.1305523	150.7711
Stddev	.0001517	.0001237	.05859	.0011437	.0001461	.0078955	.3703
%RSD	2.513177	5.294022	.1573697	1.365679	.1954835	6.047786	.2456259
#1	.0059298	.0023387	37.20082	.0824374	.0748839	.1221445	150.3435
#2	.0059707	.0022119	37.29984	.0845440	.0747578	.1378092	150.9890
#3	.0062106	.0024592	37.19606	.0842627	.0745926	.1317031	150.9808

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.294371	17.71818	.1032219	-.013207	1.040113	.1590573	.3176123
Stddev	.011895	.02203	.0002114	.000567	.112743	.0104113	.0051212
%RSD	.3610657	.1243504	.2047581	4.294430	10.83945	6.545624	1.612407
#1	3.290918	17.70877	.1030610	-.013541	1.169273	.1470799	.3163768
#2	3.307611	17.74336	.1031433	-.012552	.989648	.1641506	.3232382
#3	3.284585	17.70242	.1034612	-.013527	.961418	.1659415	.3132218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.467511	3.412450	-.424268	.0021655	.8982200	6.118127	.0141735
Stddev	.103507	.022934	.002709	.0001713	.0043514	.023889	.0001916
%RSD	4.194793	.6720706	.6384593	7.910969	.4844435	.3904621	1.351606
#1	2.568630	3.401798	-.421864	.0020743	.9008790	6.120779	.0142926
#2	2.361771	3.396778	-.423738	.0020590	.8931984	6.093023	.0142754
#3	2.472131	3.438773	-.427203	.0023631	.9005827	6.140580	.0139525

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-02 Acquired: 12/10/2024 19:08:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7591919	-.057967	.0494344
Stddev	.0074457	.000426	.0036033
%RSD	.9807377	.7348833	7.289032
#1	.7560149	-.057503	.0535875
#2	.7676991	-.058059	.0475758
#3	.7538617	-.058340	.0471399

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2875.936	31717.68	3088.501	2245.841	3873.752
Stddev	7.600	284.46	6.310	14.547	12.244
%RSD	.2642514	.8968561	.2043155	.6477428	.3160733
#1	2877.114	31959.94	3088.752	2254.992	3874.715
#2	2882.878	31404.45	3082.069	2229.067	3885.487
#3	2867.816	31788.64	3094.682	2253.465	3861.056

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-01LX5 Acquired: 12/10/2024 19:12:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108586	-.001458	.0507955	.0022038	.0005621	15.62458	.1400574
Stddev	.0046896	.001805	.0018775	.0010499	.0018358	.05686	.0020346
%RSD	43.18763	123.7882	3.696210	47.64220	326.6292	.3639123	1.452672
#1	.0076725	-.001785	.0495517	.0020094	-.000176	15.58372	.1390412
#2	.0162436	.000488	.0498796	.0033374	-.000790	15.68951	.1423999
#3	.0086597	-.003077	.0529551	.0012646	.002652	15.60050	.1387312

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013235	.0005125	8.392441	.0180676	.0170827	.0275839	33.71058
Stddev	.0000310	.0000192	.037117	.0011014	.0001237	.0022234	.08290
%RSD	2.340339	3.743545	.4422621	6.096129	.7240222	8.060497	.2459106
#1	.0013033	.0005337	8.435284	.0180973	.0171528	.0300077	33.69930
#2	.0013592	.0005075	8.370034	.0169516	.0171554	.0271051	33.79854
#3	.0013081	.0004963	8.372004	.0191538	.0169399	.0256389	33.63390

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7469713	3.958011	.0203066	-.003619	.2161651	.0386551	.0698225
Stddev	.0036190	.086919	.0001180	.000167	.2866416	.0030342	.0048767
%RSD	.4844929	2.196017	.5811117	4.621929	132.6031	7.849360	6.984379
#1	.7494726	4.057779	.0202189	-.003557	-.062271	.0352381	.0733776
#2	.7428215	3.917593	.0202601	-.003491	.510362	.0396931	.0718269
#3	.7486197	3.898661	.0204408	-.003808	.200404	.0410340	.0642630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1065655	.6975489	-.101973	-.000233	.1818661	1.423573	-.005961
Stddev	.1574021	.0020302	.001603	.000293	.0034128	.013114	.000820
%RSD	147.7046	.2910548	1.572324	125.6204	1.876561	.9211734	13.75752
#1	.0061630	.6978177	-.103631	-.000471	.1794361	1.429265	-.005056
#2	.2879724	.6953976	-.101858	-.000323	.1857679	1.432880	-.006172
#3	.0255610	.6994314	-.100430	.000094	.1803944	1.408576	-.006654

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-01LX5 Acquired: 12/10/2024 19:12:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1729576	-.012775	-.020273
Stddev	.0032859	.000202	.002436
%RSD	1.899812	1.584319	12.01670
#1	.1695033	-.012764	-.022890
#2	.1733255	-.012579	-.019858
#3	.1760441	-.012983	-.018071

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2613.850	28979.69	2799.739	2052.676	3930.678
Stddev	7.963	291.59	20.765	24.980	10.851
%RSD	.3046618	1.006177	.7416635	1.216966	.2760592
#1	2606.331	28876.55	2793.180	2049.850	3921.785
#2	2622.194	29308.83	2783.047	2078.949	3942.769
#3	2613.025	28753.69	2822.992	2029.228	3927.481

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-03 Acquired: 12/10/2024 19:16:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1312930	.0891965	.2894326	.1529458	.1608943	72.97117	4.315334
Stddev	.0010919	.0018836	.0015882	.0020275	.0023773	.24265	.014711
%RSD	.8316584	2.111769	.5487259	1.325614	1.477543	.3325253	.3409120
#1	.1324403	.0901015	.2908303	.1532199	.1595382	72.76570	4.303869
#2	.1311721	.0870312	.2897620	.1507951	.1636393	73.23887	4.331922
#3	.1302666	.0904568	.2877055	.1548222	.1595055	72.90895	4.310213

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0977499	.0968166	37.38537	.4753820	1.073400	.5666482	151.9548
Stddev	.0008757	.0006294	.15908	.0016524	.004504	.0050811	.5119
%RSD	.8958856	.6500565	.4255200	.3475920	.4195606	.8966975	.3368732
#1	.0973748	.0974850	37.24617	.4766572	1.078005	.5719976	151.6345
#2	.0971242	.0967296	37.55877	.4735153	1.073188	.5660606	152.5451
#3	.0987507	.0962353	37.35117	.4759736	1.069006	.5618865	151.6847

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.249494	17.67094	1.122833	.0703476	.5334384	1.087667	1.102634
Stddev	.023977	.07158	.005945	.0002216	.2096579	.009853	.011752
%RSD	.5642391	.4050573	.5294875	.3150233	39.30311	.9058827	1.065800
#1	4.241762	17.60674	1.128538	.0704358	.3912619	1.086755	1.105867
#2	4.276383	17.74812	1.123287	.0705115	.7742199	1.097945	1.112432
#3	4.230336	17.65796	1.116673	.0700954	.4348334	1.078302	1.089605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.397137	3.433001	-.442048	.0019320	.9269723	6.161765	.0134899
Stddev	.170859	.019624	.003149	.0000741	.0027161	.029936	.0016774
%RSD	7.127610	.5716269	.7124052	3.837365	.2930087	.4858306	12.43437
#1	2.218380	3.452292	-.445244	.0019764	.9298730	6.159772	.0140624
#2	2.558814	3.433653	-.441952	.0019732	.9265548	6.132875	.0148061
#3	2.414217	3.413060	-.438948	.0018464	.9244892	6.192647	.0116013

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5043-03 Acquired: 12/10/2024 19:16:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKM2S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7636629	-.058845	.0485860
Stddev	.0087466	.000444	.0019226
%RSD	1.145345	.7541782	3.957171
#1	.7584118	-.058439	.0484767
#2	.7737598	-.058778	.0467203
#3	.7588169	-.059319	.0505609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2890.268	31948.82	3114.283	2278.155	3889.673
Stddev	10.977	91.89	10.120	10.370	16.298
%RSD	.3797932	.2876019	.3249635	.4551965	.4190008
#1	2879.755	31842.83	3110.625	2268.385	3871.368
#2	2901.656	32005.97	3125.724	2289.036	3902.610
#3	2889.392	31997.66	3106.500	2277.044	3895.040

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-03 Acquired: 12/10/2024 19:20:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138540	.0122074	.0328907	-.037477	-.017691	14.20222
Stddev	.0017275	.0016874	.0013319	.003650	.000201	.17264
%RSD	12.46944	13.82258	4.049467	9.738504	1.135882	1.215574
#1	.0118888	.0116933	.0343988	-.038793	-.017706	14.30954
#2	.0151331	.0140921	.0323982	-.033352	-.017483	14.29405
#3	.0145400	.0108369	.0318753	-.040286	-.017884	14.00307

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0649781	.0013763	.0009147	F 1296.241	.0393410	.0659914
Stddev	.0017659	.0001342	.0000303	18.561	.0005649	.0006834
%RSD	2.717656	9.750539	3.316009	1.431913	1.435892	1.035576
#1	.0666441	.0013887	.0009408	1308.604	.0388784	.0666070
#2	.0651632	.0015039	.0008814	1305.223	.0399706	.0652560
#3	.0631269	.0012363	.0009221	1274.898	.0391740	.0661113

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0486635	41.86525	2.387758	191.1119	.0730500	-.003593
Stddev	.0094139	.52253	.031352	2.4529	.0004896	.001951
%RSD	19.34488	1.248125	1.313030	1.283503	.6702653	54.29680
#1	.0462483	42.25641	2.404106	191.8862	.0728470	-.005803
#2	.0406925	42.06752	2.407556	193.0842	.0726945	-.002867
#3	.0590497	41.27182	2.351610	188.3652	.0736085	-.002109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6119801	.0621205	.1395470	.7332986	2.028418	-.092208
Stddev	.2534865	.0044583	.0024535	.0433736	.007547	.003566
%RSD	41.42072	7.176814	1.758212	5.914862	.3720479	3.867078
#1	.3575348	.0655817	.1423801	.7808112	2.032569	-.093156
#2	.6139088	.0570897	.1381233	.7232604	2.032979	-.088264
#3	.8644968	.0636902	.1381375	.6958243	2.019707	-.095204

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-03 Acquired: 12/10/2024 19:20:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045780	2.819679	1.859659	.0357120	.4522572	1.042790
Stddev	.0008396	.011336	.015799	.0028119	.0075886	.015057
%RSD	18.33906	.4020144	.8495628	7.873895	1.677929	1.443910
#1	.0039565	2.828230	1.853576	.0387079	.4569943	1.051380
#2	.0042444	2.823987	1.877596	.0331299	.4562727	1.051587
#3	.0055330	2.806821	1.847807	.0352983	.4435046	1.025405

Elem	Li6707
Units	ppm
Avg	-.026160
Stddev	.002283
%RSD	8.726485
#1	-.023538
#2	-.027705
#3	-.027237

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2419.958	26351.86	2786.971	1876.958	3232.122
Stddev	5.697	192.62	19.547	12.617	13.396
%RSD	.2354350	.7309570	.7013658	.6722123	.4144497
#1	2414.512	26138.86	2777.601	1865.653	3217.682
#2	2419.485	26513.83	2773.874	1890.569	3234.541
#3	2425.877	26402.88	2809.439	1874.651	3244.144

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-04 Acquired: 12/10/2024 19:23:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086500	.0120320	.0320997	-.033496	-.018392	14.29031
Stddev	.0031408	.0011305	.0004921	.003073	.001437	.07181
%RSD	36.30982	9.395885	1.532908	9.172698	7.812466	.5024993
#1	.0116589	.0113645	.0320521	-.030104	-.017606	14.35284
#2	.0053921	.0133373	.0316332	-.036091	-.017520	14.30622
#3	.0088991	.0113943	.0326139	-.034294	-.020050	14.21189

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0646136	.0014580	.0008677	F 1298.225	.0391374	.0664910
Stddev	.0005551	.0000415	.0000575	5.076	.0007132	.0006278
%RSD	.8591475	2.843831	6.625906	.3910134	1.822384	.9441153
#1	.0639727	.0015038	.0009173	1300.324	.0399561	.0658664
#2	.0649209	.0014230	.0008047	1301.915	.0386507	.0664848
#3	.0649471	.0014472	.0008812	1292.436	.0388054	.0671219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529879	41.96544	2.401117	193.4014	.0716415	-.004520
Stddev	.0021220	.05856	.010759	.6977	.0006375	.000395
%RSD	4.004755	.1395316	.4480771	.3607302	.8898026	8.742314
#1	.0536149	42.00922	2.406999	193.9314	.0716441	-.004225
#2	.0547258	41.98818	2.407653	193.6617	.0710028	-.004368
#3	.0506230	41.89893	2.388700	192.6110	.0722777	-.004969

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7702172	.0563929	.1310328	.9476001	2.002600	-.086222
Stddev	.2680462	.0078771	.0041262	.1651489	.008275	.000614
%RSD	34.80138	13.96819	3.148965	17.42812	.4132027	.7124039
#1	.4616336	.0474716	.1352814	1.052446	1.994018	-.085767
#2	.9037511	.0593182	.1307759	1.033125	2.003252	-.086921
#3	.9452669	.0623887	.1270410	.757229	2.010529	-.085979

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-04 Acquired: 12/10/2024 19:23:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044236	2.785631	1.870576	.0353324	.4587017	1.048950
Stddev	.0000991	.017467	.009321	.0003133	.0069787	.002904
%RSD	2.240649	.6270536	.4982806	.8867385	1.521409	.2768760
#1	.0044731	2.765587	1.875380	.0353728	.4598597	1.050252
#2	.0043095	2.797603	1.876514	.0350009	.4650289	1.050975
#3	.0044883	2.793702	1.859833	.0356236	.4512163	1.045622

Elem	Li6707
Units	ppm
Avg	-.025368
Stddev	.001537
%RSD	6.060621
#1	-.026546
#2	-.025928
#3	-.023629

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.551	26166.17	2729.981	1859.511	3224.383
Stddev	3.019	106.51	23.387	8.760	9.264
%RSD	.1254861	.4070653	.8566729	.4710664	.2873020
#1	2404.301	26086.46	2710.170	1849.426	3231.944
#2	2408.994	26124.90	2723.995	1865.216	3227.155
#3	2403.358	26287.14	2755.780	1863.893	3214.050

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-03LX5 Acquired: 12/10/2024 19:27:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028671	.0079843	.0037898	-.020107	-.012362	2.899261	.0130660
Stddev	.0016478	.0011916	.0010555	.001722	.004092	.027042	.0017794
%RSD	57.47361	14.92396	27.85155	8.566080	33.10395	.9327233	13.61884
#1	.0045171	.0081962	.0033278	-.021139	-.012146	2.909738	.0113450
#2	.0028627	.0067010	.0030440	-.018118	-.008382	2.919497	.0148986
#3	.0012215	.0090557	.0049975	-.021063	-.016558	2.868548	.0129544

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002742	.0002201	272.0228	.0078855	.0349498	.0313635	8.947834
Stddev	.0000930	.0000287	1.7995	.0011278	.0006425	.0012593	.111933
%RSD	33.92048	13.04228	.6615197	14.30203	1.838224	4.015119	1.250955
#1	.0001775	.0002274	273.5614	.0091372	.0350273	.0301414	9.049587
#2	.0002822	.0002445	272.4630	.0075711	.0355501	.0326570	8.965979
#3	.0003630	.0001885	270.0441	.0069483	.0342722	.0312921	8.827937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5065541	40.56664	.0141856	-.000795	.1634799	.0093692	.0361974
Stddev	.0040413	.28545	.0003321	.000611	.3709517	.0012023	.0036632
%RSD	.7978040	.7036519	2.340924	76.80176	226.9097	12.83224	10.11994
#1	.5099851	40.85340	.0145071	-.001250	.5827314	.0105520	.0394450
#2	.5075778	40.56401	.0142058	-.000101	-.122148	.0081483	.0322266
#3	.5020994	40.28252	.0138438	-.001034	.029856	.0094074	.0369205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.139623	.3792637	-.019776	-.000781	.5189821	.3914192	-.002669
Stddev	.086421	.0007413	.000847	.000396	.0041879	.0005903	.000405
%RSD	61.89600	.1954568	4.280677	50.70920	.8069485	.1508091	15.18862
#1	-.136649	.3800710	-.018802	-.000324	.5144996	.3911482	-.002939
#2	-.227493	.3786136	-.020196	-.001031	.5196519	.3920963	-.002203
#3	-.054727	.3791064	-.020332	-.000988	.5227947	.3910130	-.002866

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-03LX5 Acquired: 12/10/2024 19:27:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0945555	.2148845	-.037308
Stddev	.0024405	.0016491	.003828
%RSD	2.581063	.7674359	10.26010
#1	.0973698	.2156094	-.035677
#2	.0932761	.2160470	-.034566
#3	.0930208	.2129972	-.041681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2456.756	26879.14	2688.953	1908.141	3610.063
Stddev	5.999	131.89	7.888	12.474	12.082
%RSD	.2441969	.4906729	.2933602	.6537072	.3346783
#1	2449.830	26809.48	2684.490	1906.937	3596.433
#2	2460.099	27031.26	2684.308	1921.172	3619.456
#3	2460.339	26796.70	2698.061	1896.312	3614.300

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-05 Acquired: 12/10/2024 19:31:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0953931	.1048117	.0717050	.1346839	.1643813	18.09933
Stddev	.0015185	.0029982	.0036049	.0080156	.0059456	.07626
%RSD	1.591873	2.860559	5.027374	5.951391	3.616982	.4213142
#1	.0945407	.1051849	.0697461	.1341974	.1638043	18.07030
#2	.0944922	.1076059	.0758652	.1429316	.1705944	18.04184
#3	.0971463	.1016444	.0695038	.1269227	.1587452	18.18583

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.003864	.1010746	.0992275	F 1285.531	.4451658	1.090208
Stddev	.007830	.0004166	.0062730	1.640	.0031568	.069191
%RSD	.1955726	.4122085	6.321872	.1275982	.7091230	6.346604
#1	4.000335	.1013605	.0977139	1284.796	.4475955	1.077211
#2	3.998420	.1012667	.1061189	1284.386	.4463042	1.164976
#3	4.012838	.1005966	.0938498	1287.410	.4415977	1.028437

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5192062	43.68773	3.317240	189.0780	1.101692	.0901801
Stddev	.0057488	.14154	.013728	.0810	.072001	.0010649
%RSD	1.107236	.3239830	.4138242	.0428313	6.535483	1.180894
#1	.5205707	43.54443	3.303924	189.1479	1.085614	.0889505
#2	.5128979	43.69132	3.331345	189.0969	1.180373	.0908012
#3	.5241501	43.82744	3.316450	188.9893	1.039090	.0907887

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3904774	1.062655	.9957305	.9366562	2.036975	-.089005
Stddev	.6174638	.001744	.0111885	.3665443	.133602	.001235
%RSD	158.1305	.1641127	1.123649	39.13328	6.558823	1.387783
#1	-.303687	1.063222	1.002478	.7601443	2.012950	-.087978
#2	.878497	1.064044	1.001898	1.358060	2.180959	-.090375
#3	.596622	1.060698	.982815	.691765	1.917016	-.088662

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-05 Acquired: 12/10/2024 19:31:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F8S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045718	2.867857	1.969741	.0385081	.4577228	1.027613
Stddev	.0002357	.180153	.012974	.0022260	.0017377	.001163
%RSD	5.155181	6.281802	.6586439	5.780521	.3796328	.1132121
#1	.0043474	2.822129	1.973506	.0392401	.4594505	1.026451
#2	.0045507	3.066468	1.980415	.0402760	.4577426	1.028778
#3	.0048173	2.714975	1.955301	.0360084	.4559753	1.027611

Elem	Li6707
Units	ppm
Avg	-.029137
Stddev	.001706
%RSD	5.854324
#1	-.027625
#2	-.030986
#3	-.028800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.234	26561.20	2761.474	1883.737	3208.356
Stddev	121.652	58.96	4.779	16.718	181.039
%RSD	5.068320	.2219837	.1730702	.8874659	5.642728
#1	2422.296	26519.03	2756.235	1871.379	3237.647
#2	2269.061	26535.99	2762.593	1877.073	3014.458
#3	2509.344	26628.57	2765.595	1902.758	3372.963

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-09 Acquired: 12/10/2024 19:35:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1392199	.0093157	.0373771	-.037828	-.015700	19.00518
Stddev	.0022868	.0017875	.0018947	.004583	.001838	.20222
%RSD	1.642603	19.18824	5.069050	12.11588	11.70924	1.064024
#1	.1385691	.0072539	.0357747	-.039965	-.017404	19.08505
#2	.1373290	.0102627	.0394683	-.032566	-.013751	18.77523
#3	.1417615	.0104304	.0368883	-.040952	-.015944	19.15528

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0893084	.0017511	.0010623	F 1212.068	.0504120	.0791808
Stddev	.0013535	.0001137	.0000423	14.348	.0006177	.0001254
%RSD	1.515542	6.491889	3.977931	1.183801	1.225363	.1583639
#1	.0896525	.0018730	.0011101	1217.172	.0500151	.0791108
#2	.0878160	.0016480	.0010300	1195.865	.0511237	.0791060
#3	.0904566	.0017322	.0010468	1223.166	.0500971	.0793255

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0710250	61.89210	2.599354	183.0021	.0920637	-.006246
Stddev	.0034643	.68861	.036410	2.4549	.0003150	.000912
%RSD	4.877598	1.112591	1.400724	1.341458	.3421622	14.60814
#1	.0723682	62.08657	2.614571	184.3675	.0917227	-.007296
#2	.0736167	61.12718	2.557804	180.1680	.0923437	-.005650
#3	.0670903	62.46256	2.625687	184.4707	.0921249	-.005792

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5537688	.0635562	.1803677	.9710127	1.857735	-.149678
Stddev	.5633796	.0084901	.0031118	.0751315	.003959	.001071
%RSD	101.7355	13.35832	1.725256	7.737438	.2131044	.7155910
#1	.0944023	.0612909	.1771772	1.057401	1.862223	-.150581
#2	1.182367	.0564286	.1805316	.934717	1.856244	-.149958
#3	.384537	.0729492	.1833943	.920921	1.854738	-.148495

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-09 Acquired: 12/10/2024 19:35:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131714	14.60892	2.227650	.0041016	.7002656	1.068431
Stddev	.0003380	.06204	.027326	.0002746	.0088778	.015922
%RSD	2.566233	.4246618	1.226672	6.694788	1.267779	1.490259
#1	.0134173	14.67051	2.251919	.0042931	.7074711	1.073323
#2	.0127860	14.54644	2.198052	.0042247	.6903481	1.050637
#3	.0133108	14.60982	2.232979	.0037870	.7029777	1.081333

Elem	Li6707
Units	ppm
Avg	-.022022
Stddev	.004115
%RSD	18.68359
#1	-.018938
#2	-.020435
#3	-.026694

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.940	26559.29	2793.445	1895.680	3248.364
Stddev	15.333	37.93	30.440	5.034	19.996
%RSD	.6294577	.1428265	1.089689	.2655492	.6155668
#1	2418.625	26590.80	2775.047	1893.345	3225.622
#2	2441.397	26569.89	2828.581	1901.458	3256.283
#3	2447.799	26517.19	2776.707	1892.238	3263.188

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-08LX5 Acquired: 12/10/2024 19:39:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271997	.0095381	.0054718	-.021720	-.014047	3.930555	.0177175
Stddev	.0004531	.0020508	.0008835	.002614	.001223	.044991	.0016462
%RSD	1.666018	21.50131	16.14712	12.03461	8.706200	1.144636	9.291431
#1	.0274666	.0087407	.0054730	-.023049	-.012990	3.958310	.0161447
#2	.0266765	.0118679	.0063548	-.023403	-.015387	3.878646	.0175794
#3	.0274560	.0080058	.0045877	-.018709	-.013766	3.954709	.0194284

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004014	.0002545	255.2171	.0108906	.0365831	.0156652	13.22677
Stddev	.0000180	.0000363	2.4736	.0004460	.0003948	.0050020	.14107
%RSD	4.475709	14.25539	.9692157	4.095489	1.079224	31.93090	1.066581
#1	.0004196	.0002871	256.4484	.0106440	.0361583	.0163141	13.28814
#2	.0003837	.0002610	252.3695	.0114055	.0366523	.0103704	13.06540
#3	.0004007	.0002154	256.8335	.0106223	.0369387	.0203111	13.32676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5539006	38.72186	.0177013	-.001231	-.299703	.0141863	.0396995
Stddev	.0058126	.44593	.0004787	.001067	.578087	.0084096	.0016995
%RSD	1.049392	1.151619	2.704468	86.73947	192.8867	59.28020	4.280911
#1	.5582569	38.98114	.0171501	-.002380	.312051	.0238386	.0395366
#2	.5473005	38.20695	.0179406	-.000271	-.374275	.0084403	.0414745
#3	.5561443	38.97748	.0180132	-.001040	-.836885	.0102799	.0380872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.187912	.3468666	-.035053	.0005316	2.702554	.5547748	-.008374
Stddev	.138274	.0020003	.001232	.0001848	.010360	.0013667	.000592
%RSD	73.58461	.5766760	3.514015	34.75415	.3833260	.2463610	7.073884
#1	-.267659	.3449184	-.035035	.0007032	2.690616	.5551051	-.008927
#2	-.267831	.3489152	-.036294	.0005556	2.707864	.5559460	-.008445
#3	-.028247	.3467660	-.033831	.0003360	2.709182	.5532731	-.007749

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-08LX5 Acquired: 12/10/2024 19:39:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1502225	.2213202	-.044604
Stddev	.0032046	.0018057	.003432
%RSD	2.133260	.8158564	7.693187
#1	.1521457	.2220801	-.043004
#2	.1465231	.2192587	-.048544
#3	.1519987	.2226216	-.042265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2486.079	27252.27	2742.320	1935.509	3643.266
Stddev	16.682	228.28	15.613	13.279	25.791
%RSD	.6710306	.8376548	.5693428	.6860491	.7079123
#1	2502.359	27291.48	2739.508	1936.825	3669.275
#2	2486.857	27458.40	2759.148	1948.081	3642.824
#3	2469.021	27006.92	2728.304	1921.622	3617.699

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-10 Acquired: 12/10/2024 19:43:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2156361	.1021860	.0795526	.1308681	.1600943	22.90204
Stddev	.0023484	.0014030	.0024362	.0042514	.0030968	.19884
%RSD	1.089041	1.373011	3.062347	3.248611	1.934364	.8682239
#1	.2172839	.1033811	.0779464	.1309319	.1568841	23.12685
#2	.2129472	.1025357	.0823557	.1265852	.1630637	22.83006
#3	.2166773	.1006412	.0783557	.1350873	.1603352	22.74921

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.032282	.1019428	.0967985	F 1203.479	.4680124	1.075608
Stddev	.022877	.0004756	.0006863	7.537	.0101362	.008014
%RSD	.5673390	.4665630	.7089716	.6262759	2.165791	.7450647
#1	4.057363	.1024415	.0961497	1211.545	.4624293	1.069836
#2	4.026922	.1014942	.0967289	1202.275	.4618952	1.072230
#3	4.012561	.1018925	.0975169	1196.616	.4797125	1.084758

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5286961	63.32057	3.572638	183.0764	1.095572	.0890700
Stddev	.0017038	.42166	.026222	1.2507	.008367	.0012199
%RSD	.3222706	.6659110	.7339669	.6831316	.7636861	1.369553
#1	.5271331	63.79466	3.592209	184.4235	1.087838	.0881404
#2	.5284429	63.17954	3.582861	182.8535	1.094424	.0886183
#3	.5305124	62.98750	3.542845	181.9522	1.104453	.0904513

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.249673	1.075830	1.059341	.9759569	1.811119	-.155561
Stddev	.283825	.009638	.022004	.0154624	.020969	.001551
%RSD	22.71197	.8958450	2.077100	1.584329	1.157792	.9970905
#1	1.576232	1.081466	1.050170	.9586422	1.800136	-.157340
#2	1.062392	1.081322	1.043406	.9808410	1.797922	-.154852
#3	1.110394	1.064701	1.084446	.9883874	1.835298	-.154491

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-10 Acquired: 12/10/2024 19:43:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0129732	14.11294	2.469358	.0052995	.7083326	1.062306
Stddev	.0002777	.07169	.002592	.0004695	.0058738	.006861
%RSD	2.140636	.5079843	.1049708	8.859124	.8292483	.6458462
#1	.0132594	14.05673	2.467802	.0051969	.7148946	1.068191
#2	.0129553	14.08842	2.472351	.0048898	.7065375	1.063957
#3	.0127048	14.19368	2.467922	.0058118	.7035659	1.054770

Elem	Li6707
Units	ppm
Avg	-.022993
Stddev	.003628
%RSD	15.77903
#1	-.023867
#2	-.019007
#3	-.026104

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.782	26035.18	2745.866	1852.264	3267.087
Stddev	16.424	457.07	12.635	34.517	20.720
%RSD	.6723371	1.755600	.4601323	1.863514	.6342091
#1	2458.953	26249.18	2731.795	1867.083	3289.432
#2	2443.274	26346.00	2749.562	1876.898	3263.318
#3	2426.117	25510.37	2756.240	1812.812	3248.509

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-01 Acquired: 12/10/2024 19:47:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0247386	.0076033	.2486966	-.018645	-.011294	53.50545	.8876287
Stddev	.0024365	.0032107	.0010958	.004747	.001588	.56028	.0108418
%RSD	9.848812	42.22781	.4406059	25.46024	14.05765	1.047153	1.221432
#1	.0226172	.0039136	.2498760	-.023445	-.009502	53.13623	.8846709
#2	.0241989	.0091350	.2485038	-.018539	-.011858	54.15014	.8996424
#3	.0273996	.0097614	.2477101	-.013953	-.012524	53.22998	.8785727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040868	.0030742	568.8245	.0852587	.1002602	.1534119	132.4700
Stddev	.0001680	.0000408	5.9765	.0021060	.0001826	.0038113	1.4016
%RSD	4.109938	1.325597	1.050681	2.470134	.1821097	2.484345	1.058077
#1	.0039767	.0030925	565.9645	.0828298	.1000675	.1498527	132.0756
#2	.0042801	.0030275	575.6936	.0863692	.1004307	.1574331	134.0265
#3	.0040037	.0031026	564.8153	.0865771	.1002824	.1529498	131.3078

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.741337	132.5268	.1538312	-.011679	1.050359	.1482565	.4260388
Stddev	.069099	1.1151	.0018995	.000930	.695771	.0059319	.0129188
%RSD	.8925924	.8414454	1.234791	7.959327	66.24129	4.001082	3.032305
#1	7.703128	131.9785	.1546533	-.010644	.470660	.1414091	.4137065
#2	7.821102	133.8100	.1516591	-.011950	1.821934	.1518261	.4394734
#3	7.699782	131.7921	.1551812	-.012442	.858482	.1515344	.4249364

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.696525	8.564021	-.342769	.0021918	1.152232	3.678304	.0452870
Stddev	.210099	.037371	.006745	.0003018	.005371	.051151	.0014018
%RSD	3.688189	.4363773	1.967931	13.77163	.4661135	1.390627	3.095459
#1	5.739646	8.604098	-.334992	.0018497	1.156549	3.628611	.0463064
#2	5.881718	8.530127	-.347033	.0023049	1.146218	3.730799	.0436884
#3	5.468211	8.557837	-.346282	.0024208	1.153929	3.675502	.0458662

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-01 Acquired: 12/10/2024 19:47:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9655599	.5371474	.0473804
Stddev	.0080162	.0043158	.0036156
%RSD	.8302146	.8034585	7.631065
#1	.9563230	.5345508	.0475611
#2	.9706982	.5421293	.0509023
#3	.9696583	.5347620	.0436778

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.235	29573.13	3007.952	2103.364	3442.572
Stddev	3.690	291.77	23.996	23.513	12.691
%RSD	.1356401	.9865963	.7977578	1.117857	.3686448
#1	2715.975	29909.45	3027.556	2129.882	3428.896
#2	2722.326	29422.09	2981.192	2085.062	3453.969
#3	2722.404	29387.84	3015.108	2095.149	3444.852

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV091 Acquired: 12/10/2024 19:51:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.848926	4.883780	24.70205	4.718395	4.806889	395.8415
Stddev	.006798	.008294	.11882	.015009	.025770	3.6940
%RSD	.1402032	.1698235	.4810066	.3180895	.5361032	.9332115
#1	4.850054	4.878343	24.64044	4.703757	4.780642	397.9580
#2	4.841635	4.879670	24.62669	4.717677	4.807871	397.9904
#3	4.855090	4.893326	24.83902	4.733749	4.832154	391.5760

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.03114	.5018246	2.485248	399.6508	15.42519	2.516646
Stddev	.10286	.0079700	.010912	3.7093	.04208	.008880
%RSD	1.025368	1.588195	.4390797	.9281331	.2727954	.3528471
#1	10.09389	.5061761	2.480279	401.9091	15.47249	2.513939
#2	10.08710	.5066716	2.477705	401.6734	15.39191	2.509436
#3	9.91244	.4926261	2.497761	395.3698	15.41117	2.526565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.85878	402.4583	14.60206	397.2928	2.505510	1.236762
Stddev	.11838	3.7706	.12521	3.0912	.009672	.004837
%RSD	.7966844	.9368800	.8574752	.7780626	.3860421	.3911266
#1	14.92747	405.0449	14.66217	399.1020	2.502324	1.242320
#2	14.92677	404.1980	14.68588	399.0530	2.497832	1.234466
#3	14.72209	398.1320	14.45813	393.7236	2.516373	1.233500

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	394.6370	2.509915	14.20221	150.2906	4.966641	F 4.137039
Stddev	3.4621	.033989	.09791	1.3518	.019807	.073046
%RSD	.8772924	1.354195	.6894249	.8994345	.3988023	1.765671
#1	396.5745	2.524869	14.16067	151.1444	4.958845	4.184189
#2	396.6966	2.533862	14.13190	150.9952	4.951918	4.174031
#3	390.6399	2.471012	14.31404	148.7321	4.989160	4.052896

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV091 Acquired: 12/10/2024 19:51:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.793485	4.978112	4.860699	4.980226	4.923233	4.741233
Stddev	.019881	.027473	.077998	.018114	.041211	.036453
%RSD	.4147604	.5518824	1.604663	.3637251	.8370658	.7688548
#1	4.774779	4.982775	4.910865	4.978512	4.960405	4.759060
#2	4.791313	4.948606	4.900394	4.963029	4.930377	4.765343
#3	4.814364	5.002956	4.770838	4.999136	4.878917	4.699297

Elem	Li6707
Units	ppm
Avg	4.998456
Stddev	.050452
%RSD	1.009349
#1	5.027081
#2	5.028084
#3	4.940202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2093.720	24164.31	2581.307	1599.809	3084.021
Stddev	7.459	73.11	35.130	9.097	8.293
%RSD	.3562463	.3025442	1.360943	.5686558	.2689021
#1	2102.244	24127.47	2563.231	1598.501	3089.129
#2	2090.526	24248.50	2558.896	1609.490	3088.482
#3	2088.391	24116.95	2621.795	1591.437	3074.452

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB091 Acquired: 12/10/2024 19:54:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001422	.0016286	.0012843	.0023636	.0008839	.0418470
Stddev	.002345	.0009893	.0007954	.0066752	.0016915	.0155014
%RSD	164.8568	60.74406	61.93790	282.4186	191.3668	37.04301
#1	-.004103	.0025885	.0017825	.0016944	.0023648	.0241768
#2	-.000409	.0006123	.0003669	.0093482	.0012464	.0482089
#3	.000246	.0016852	.0017034	-.003952	-.000959	.0531553

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004034	-.000003	.0001326	.0271364	-.000507	.0000797
Stddev	.0014549	.000072	.0000585	.0445572	.000261	.0000932
%RSD	360.7009	2098.089	44.09545	164.1973	51.44774	116.9419
#1	-.001277	-.000069	.0000708	.0784247	-.000599	-.000021
#2	.001256	.000073	.0001870	.0050244	-.000710	.000163
#3	.001231	-.000014	.0001399	-.002040	-.000213	.000098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017463	.0238855	.0009725	-.078008	-.000877	-.000221
Stddev	.0054830	.0218527	.0009907	.060726	.000614	.000680
%RSD	313.9826	91.48931	101.8653	77.84624	70.06030	307.6914
#1	.0080710	.0487224	-.000148	-.101477	-.001006	-.000287
#2	-.001168	.0153252	.001733	-.123496	-.001416	-.000866
#3	-.001664	.0076089	.001332	-.009049	-.000208	.000489

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060779	-.004064	.0022649	-.102331	.0004357	.0111053
Stddev	.8275941	.008523	.0052654	.160693	.0011264	.0011455
%RSD	13616.41	209.7105	232.4723	157.0316	258.5512	10.31509
#1	-.426155	-.013382	.0031652	-.286239	.0011738	.0124261
#2	-.515906	-.002148	.0070221	-.031728	-.000861	.0103832
#3	.960295	.003337	-.003393	.010972	.000994	.0105065

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB091 Acquired: 12/10/2024 19:54:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB091 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000318	-.002639	-.000471	F -.010386	.0058498	.0001982
Stddev	.000383	.002423	.000231	.000905	.0024694	.0001963
%RSD	120.1443	91.80611	49.11425	8.710425	42.21377	99.00858
#1	-.000371	-.002823	-.000662	-.010741	.0034970	.0001452
#2	-.000672	-.000130	-.000537	-.011059	.0084213	.0004155
#3	.000088	-.004964	-.000214	-.009357	.0056311	.0000339

Elem	Li6707
Units	ppm
Avg	F -.033566
Stddev	.004619
%RSD	13.75977
#1	-.034644
#2	-.028503
#3	-.037550

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2516.498	27786.29	2695.770	1961.358	3937.028
Stddev	17.777	158.43	25.067	7.852	24.139
%RSD	.7064354	.5701837	.9298504	.4003159	.6131316
#1	2517.050	27959.51	2689.628	1969.921	3939.174
#2	2498.451	27750.65	2723.337	1959.653	3911.888
#3	2533.993	27648.71	2674.345	1954.498	3960.023

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-02 Acquired: 12/10/2024 19:58:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0269651	.0102666	.2586441	-.022852	-.008144	53.58513	.8934796
Stddev	.0003346	.0008102	.0024927	.001839	.001750	.31349	.0081069
%RSD	1.240912	7.891579	.9637444	8.048110	21.48304	.5850235	.9073390
#1	.0266668	.0105882	.2599771	-.020751	-.009663	53.93264	.9026909
#2	.0273269	.0093450	.2557684	-.023635	-.008538	53.49913	.8903184
#3	.0269017	.0108666	.2601868	-.024169	-.006231	53.32362	.8874296

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041781	.0033192	572.5319	.0851389	.1026328	.1582160	132.7009
Stddev	.0001550	.0001424	3.8096	.0008254	.0008079	.0097216	.7163
%RSD	3.709288	4.289021	.6654022	.9695054	.7871505	6.144502	.5397634
#1	.0042489	.0031683	576.8216	.0841858	.1026659	.1620112	133.5110
#2	.0040003	.0034512	571.2308	.0856096	.1018089	.1654675	132.4399
#3	.0042850	.0033381	569.5432	.0856213	.1034237	.1471693	132.1517

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.795998	133.3919	.1572721	-.013057	.6328737	.1421257	.4341493
Stddev	.050873	.8842	.0006561	.000687	.1569509	.0010269	.0065838
%RSD	.6525563	.6628874	.4171531	5.264596	24.79972	.7225012	1.516495
#1	7.850707	134.3250	.1566285	-.012446	.7821940	.1409443	.4383106
#2	7.787172	133.2846	.1572478	-.012923	.6471585	.1426291	.4375787
#3	7.750115	132.5663	.1579400	-.013801	.4692687	.1428037	.4265587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.532160	8.822835	-.343279	.0026073	1.188336	3.728435	.0459856
Stddev	.028767	.057301	.002432	.0003348	.005143	.016874	.0005657
%RSD	.5199914	.6494663	.7084537	12.83955	.4327815	.4525778	1.230156
#1	5.504905	8.803888	-.341245	.0022792	1.190978	3.737345	.0465877
#2	5.529344	8.777407	-.342619	.0025944	1.182410	3.738987	.0459040
#3	5.562231	8.887211	-.345973	.0029484	1.191622	3.708974	.0454651

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-02 Acquired: 12/10/2024 19:58:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9760708	.5440448	.0520208
Stddev	.0052612	.0035021	.0042308
%RSD	.5390191	.6437227	8.132945
#1	.9795024	.5471354	.0480689
#2	.9786964	.5447582	.0564841
#3	.9700135	.5402409	.0515094

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2720.708	29693.01	3042.828	2113.665	3419.156
Stddev	8.804	253.35	9.622	19.045	13.522
%RSD	.3235761	.8532349	.3162166	.9010602	.3954855
#1	2725.797	29971.62	3033.785	2132.588	3426.304
#2	2725.784	29630.97	3052.940	2113.909	3427.603
#3	2710.543	29476.44	3041.758	2094.499	3403.560

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-01LX5 Acquired: 12/10/2024 20:02:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008144	.0110618	.0512780	-.012263	-.009447	11.61191	.1939818
Stddev	.0021692	.0017891	.0020325	.003957	.000761	.06894	.0007825
%RSD	266.3435	16.17388	3.963737	32.26726	8.054025	.5936712	.4033909
#1	-.000962	.0123078	.0526717	-.007694	-.008621	11.61769	.1944420
#2	.000173	.0118659	.0522165	-.014608	-.010119	11.67778	.1944251
#3	.003232	.0090117	.0489458	-.014485	-.009601	11.54027	.1930783

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009073	.0005822	127.5305	.0188652	.0385672	.0379783	29.74690
Stddev	.0000567	.0000738	.8324	.0001224	.0002227	.0017178	.18021
%RSD	6.244497	12.66734	.6527084	.6487108	.5775438	4.523246	.6058142
#1	.0008967	.0006475	127.7680	.0187359	.0384010	.0386975	29.89535
#2	.0009685	.0005970	128.2184	.0188804	.0384805	.0360177	29.79896
#3	.0008566	.0005022	126.6052	.0189793	.0388203	.0392196	29.54639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.752513	29.81423	.0306484	-.002468	.1225620	.0297389	.0958992
Stddev	.011370	.06534	.0004402	.000431	.5696167	.0057118	.0089328
%RSD	.6487896	.2191445	1.436391	17.45183	464.7580	19.20639	9.314807
#1	1.752223	29.79862	.0301456	-.001981	.5637389	.0312616	.0955590
#2	1.764025	29.88596	.0309650	-.002622	.3244489	.0234201	.1049972
#3	1.741290	29.75811	.0308345	-.002800	-.520502	.0345351	.0871413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7807538	1.689701	-.078079	-.001269	.2328192	.8408165	.0006059
Stddev	.2551022	.005259	.001356	.000516	.0015028	.0027364	.0013910
%RSD	32.67384	.3112515	1.736617	40.65346	.6454982	.3254430	229.5694
#1	1.066783	1.689235	-.079004	-.001129	.2311647	.8437273	.0021048
#2	.698712	1.684690	-.078710	-.001841	.2331929	.8404255	-.000643
#3	.576767	1.695178	-.076522	-.000838	.2340999	.8382966	.000356

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-01LX5 Acquired: 12/10/2024 20:02:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2193835	.1190915	-.027734
Stddev	.0051829	.0008912	.001477
%RSD	2.362487	.7483489	5.326319
#1	.2200336	.1186525	-.029254
#2	.2242107	.1201171	-.026303
#3	.2139062	.1185050	-.027645

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2587.148	28214.62	2818.842	1997.715	3757.646
Stddev	12.325	127.94	8.216	17.821	21.384
%RSD	.4764092	.4534466	.2914597	.8920819	.5690787
#1	2597.110	28078.74	2817.195	1979.342	3771.084
#2	2590.970	28232.37	2811.574	1998.876	3768.867
#3	2573.365	28332.76	2827.756	2014.927	3732.987

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-03 Acquired: 12/10/2024 20:06:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1048847	.0992774	.2895646	.1299342	.1520228	56.27329	4.504922
Stddev	.0037625	.0022748	.0047811	.0025629	.0004243	.39570	.024245
%RSD	3.587248	2.291365	1.651136	1.972447	.2791377	.7031696	.5381983
#1	.1050114	.1018690	.2938951	.1295376	.1517654	55.83691	4.477497
#2	.1085822	.0983521	.2844339	.1275927	.1525126	56.60877	4.523510
#3	.1010604	.0976110	.2903649	.1326722	.1517904	56.37419	4.513757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0967348	.0982322	566.0912	.4731520	1.092021	.5760804	133.1100
Stddev	.0002646	.0007846	4.2425	.0157001	.007784	.0138839	1.0205
%RSD	.2735350	.7987219	.7494429	3.318182	.7128340	2.410061	.7666652
#1	.0964746	.0991292	561.6739	.4912806	1.100879	.5600612	131.9608
#2	.0967264	.0976734	570.1342	.4640108	1.086272	.5846406	133.9103
#3	.0970036	.0978940	566.4655	.4641646	1.088912	.5835392	133.4588

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.585925	131.3852	1.153444	.0746315	.5990957	1.072421	1.217286
Stddev	.089982	1.3633	.009444	.0019915	.1727585	.002509	.029275
%RSD	1.048020	1.037633	.8187465	2.668394	28.83654	.2339542	2.404948
#1	8.507750	130.0239	1.164296	.0769009	.4912342	1.073897	1.245091
#2	8.684286	132.7505	1.147093	.0738186	.5076996	1.069524	1.220031
#3	8.565738	131.3811	1.148943	.0731751	.7983534	1.073841	1.186734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.541936	8.596054	-.350019	.0022346	1.181038	3.691553	.0461826
Stddev	.080528	.078277	.003270	.0000264	.014687	.004980	.0014960
%RSD	1.453061	.9106102	.9343039	1.180326	1.243590	.1349056	3.239306
#1	5.465326	8.686341	-.349228	.0022188	1.194872	3.696026	.0459765
#2	5.625879	8.547230	-.353612	.0022200	1.165625	3.686186	.0448003
#3	5.534602	8.554593	-.347217	.0022650	1.182616	3.692447	.0477709

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5040-03 Acquired: 12/10/2024 20:06:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKD6S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9595983	.5329752	.0415496
Stddev	.0101936	.0048558	.0036395
%RSD	1.062282	.9110686	8.759377
#1	.9533367	.5290608	.0392924
#2	.9713607	.5384090	.0457481
#3	.9540976	.5314559	.0396082

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.892	29456.79	3038.278	2099.942	3439.291
Stddev	11.057	679.14	29.687	41.134	16.548
%RSD	.4059236	2.305547	.9770991	1.958806	.4811491
#1	2715.360	28679.38	3071.900	2052.883	3422.615
#2	2736.384	29756.31	3015.681	2117.896	3455.708
#3	2719.933	29934.69	3027.253	2129.046	3439.548

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-01 Acquired: 12/10/2024 20:10:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115811	.0101898	.0328718	-.035021	-.018307	17.85760
Stddev	.0013728	.0007557	.0014295	.004270	.002385	.08261
%RSD	11.85391	7.416631	4.348819	12.19123	13.02841	.4626075
#1	.0116592	.0093513	.0342336	-.031413	-.016138	17.94890
#2	.0129132	.0103997	.0313830	-.033916	-.017921	17.78803
#3	.0101709	.0108184	.0329989	-.039735	-.020861	17.83585

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0759329	.0015964	.0010137	F 1179.146	.0592752	.0716665
Stddev	.0002735	.0000591	.0000370	3.792	.0011273	.0006713
%RSD	.3601418	3.703798	3.654024	.3215518	1.901845	.9367048
#1	.0762284	.0016004	.0009759	1183.168	.0604252	.0720408
#2	.0756887	.0015355	.0010500	1175.637	.0592285	.0708915
#3	.0758815	.0016535	.0010153	1178.633	.0581720	.0720672

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645117	63.64551	2.204463	257.2581	.0845604	-.005798
Stddev	.0096331	.12896	.003154	1.1937	.0004296	.000539
%RSD	14.93225	.2026243	.1430570	.4640265	.5080422	9.288013
#1	.0676398	63.78635	2.206889	258.6198	.0848051	-.005691
#2	.0721919	63.53320	2.200898	256.3916	.0848117	-.006383
#3	.0537033	63.61698	2.205601	256.7631	.0840643	-.005322

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4495186	.0678278	.1888925	.8814164	2.251067	-.144842
Stddev	.6687387	.0052638	.0046008	.1070599	.010301	.002121
%RSD	148.7678	7.760513	2.435658	12.14635	.4576146	1.464605
#1	1.199322	.0721646	.1892677	.8581089	2.239179	-.146572
#2	-.085251	.0619714	.1841156	.7879302	2.256647	-.142475
#3	.234485	.0693474	.1932942	.9982100	2.257374	-.145480

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-01 Acquired: 12/10/2024 20:10:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026549	1.251107	2.142571	.0500182	.4724162	1.093829
Stddev	.0002316	.006551	.011962	.0013427	.0022380	.005163
%RSD	8.725286	.5236120	.5582859	2.684362	.4737327	.4720237
#1	.0024164	1.256340	2.155708	.0495358	.4749766	1.099574
#2	.0028790	1.243760	2.132309	.0489834	.4714394	1.092336
#3	.0026693	1.253222	2.139695	.0515354	.4708326	1.089577

Elem	Li6707
Units	ppm
Avg	-.020760
Stddev	.003402
%RSD	16.38878
#1	-.020827
#2	-.017325
#3	-.024129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2374.512	25814.49	2719.154	1828.145	3165.672
Stddev	4.168	78.36	17.649	7.319	10.760
%RSD	.1755333	.3035543	.6490799	.4003268	.3399011
#1	2375.633	25904.62	2710.980	1833.092	3167.884
#2	2378.005	25762.48	2739.408	1819.738	3175.155
#3	2369.898	25776.38	2707.073	1831.606	3153.978

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-02 Acquired: 12/10/2024 20:14:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0625170	.0128397	.0556118	-.031135	-.015432	21.56641
Stddev	.0028370	.0020857	.0030343	.003727	.002460	.28277
%RSD	4.537974	16.24442	5.456136	11.97084	15.94405	1.311138
#1	.0627166	.0108163	.0532330	-.030051	-.016276	21.24001
#2	.0652490	.0149826	.0590289	-.028069	-.012660	21.72233
#3	.0595855	.0127202	.0545734	-.035283	-.017359	21.73690

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2650299	.0019736	.0027890	F 1187.188	.0622440	.0910583
Stddev	.0034923	.0000134	.0000152	13.712	.0008320	.0002818
%RSD	1.317716	.6793564	.5454805	1.154983	1.336687	.3094426
#1	.2615757	.0019797	.0027952	1171.554	.0620745	.0913822
#2	.2649549	.0019828	.0028002	1192.835	.0615098	.0909233
#3	.2685592	.0019582	.0027717	1197.174	.0631477	.0908694

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0994102	99.56439	8.423992	273.7448	.1737255	-.010431
Stddev	.0120640	1.38354	.102730	3.0022	.0006978	.000655
%RSD	12.13555	1.389591	1.219488	1.096716	.4016453	6.274984
#1	.0906916	97.96762	8.307252	270.2953	.1739419	-.010277
#2	.0943606	100.3191	8.464139	275.1712	.1742894	-.009868
#3	.1131785	100.4065	8.500586	275.7678	.1729452	-.011150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.185473	.0990930	.2345508	2.059648	2.872159	-.244810
Stddev	.490837	.0048967	.0049279	.108391	.008048	.004119
%RSD	41.40433	4.941521	2.100995	5.262619	.2801911	1.682472
#1	1.489398	.1017170	.2360776	1.934826	2.875892	-.241924
#2	1.447810	.0934435	.2385347	2.130020	2.877662	-.242979
#3	.619212	.1021184	.2290403	2.114098	2.862923	-.249527

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-02 Acquired: 12/10/2024 20:14:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111625	1.405409	2.429560	.0139723	.8621238	.9236846
Stddev	.0001422	.009945	.037222	.0014835	.0124482	.0112288
%RSD	1.274299	.7076204	1.532042	10.61746	1.443898	1.215656
#1	.0110067	1.394137	2.389142	.0127763	.8482091	.9109450
#2	.0111954	1.409142	2.437112	.0135082	.8659598	.9279652
#3	.0112855	1.412947	2.462427	.0156323	.8722025	.9321435

Elem	Li6707
Units	ppm
Avg	-.020117
Stddev	.001948
%RSD	9.684211
#1	-.019955
#2	-.018255
#3	-.022142

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2447.853	26617.20	2793.697	1884.610	3194.002
Stddev	6.063	81.41	51.533	6.229	9.234
%RSD	.2476975	.3058511	1.844625	.3305221	.2890918
#1	2452.202	26620.01	2846.169	1891.334	3198.827
#2	2440.927	26697.17	2791.765	1879.036	3183.355
#3	2450.430	26534.42	2743.157	1883.461	3199.824

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-06 Acquired: 12/10/2024 20:18:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0125879	.0130428	.0306161	-.033323	-.015714	13.51626
Stddev	.0031932	.0032344	.0008311	.002468	.001106	.16631
%RSD	25.36702	24.79834	2.714688	7.405449	7.036531	1.230462
#1	.0108943	.0128423	.0297761	-.033044	-.014880	13.70505
#2	.0105983	.0099133	.0306340	-.031006	-.016968	13.45236
#3	.0162711	.0163728	.0314381	-.035918	-.015293	13.39138

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529093	.0013060	.0011458	F 1152.890	.0362151	.0664393
Stddev	.0004431	.0000754	.0001047	13.885	.0005385	.0004594
%RSD	.8375501	5.771676	9.135692	1.204358	1.486999	.6914716
#1	.0529236	.0013778	.0012630	1168.922	.0363629	.0666560
#2	.0524592	.0013127	.0011125	1144.723	.0366643	.0659116
#3	.0533451	.0012275	.0010618	1145.024	.0356181	.0667503

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0445128	59.65775	5.030145	358.4376	.0632313	-.006639
Stddev	.0049814	.69319	.060471	4.5805	.0000879	.001089
%RSD	11.19097	1.161948	1.202163	1.277904	.1389913	16.39886
#1	.0396193	60.45739	5.099815	363.7100	.0632072	-.005657
#2	.0495777	59.28880	4.991275	355.4374	.0631579	-.007810
#3	.0443412	59.22707	4.999347	356.1655	.0633287	-.006450

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.168541	.0569564	.1416600	.5284948	1.762129	-.132586
Stddev	.456815	.0038731	.0060824	.1329051	.003298	.000225
%RSD	39.09273	6.800127	4.293622	25.14786	.1871444	.1693275
#1	1.695958	.0525197	.1457954	.3757883	1.761164	-.132836
#2	.897504	.0586865	.1346762	.5916452	1.765802	-.132518
#3	.912162	.0596628	.1445085	.6180509	1.759422	-.132403

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-06 Acquired: 12/10/2024 20:18:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023946	1.414818	1.736409	.0055915	.6130733	.7453203
Stddev	.0004371	.002067	.011252	.0005894	.0074477	.0101741
%RSD	18.25285	.1461135	.6480317	10.54138	1.214816	1.365060
#1	.0028570	1.417186	1.746858	.0050217	.6216691	.7570659
#2	.0019884	1.413371	1.737873	.0055540	.6090060	.7396501
#3	.0023382	1.413898	1.724497	.0061988	.6085449	.7392448

Elem	Li6707
Units	ppm
Avg	-.032781
Stddev	.002120
%RSD	6.467770
#1	-.032649
#2	-.030730
#3	-.034964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.357	26256.69	2732.589	1856.590	3184.247
Stddev	5.174	98.42	31.347	20.378	4.615
%RSD	.2149985	.3748395	1.147143	1.097580	.1449198
#1	2401.896	26194.54	2696.396	1845.514	3180.445
#2	2412.029	26370.17	2750.345	1880.107	3189.381
#3	2405.146	26205.37	2751.028	1844.149	3182.913

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-07 Acquired: 12/10/2024 20:21:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0320840	.0101609	.0508076	-.041149	-.018396	13.75263
Stddev	.0017741	.0028427	.0019204	.001970	.002724	.04193
%RSD	5.529504	27.97715	3.779819	4.787467	14.80522	.3048519
#1	.0300380	.0099282	.0518704	-.042827	-.021199	13.79070
#2	.0330177	.0131129	.0519617	-.041642	-.015760	13.75949
#3	.0331961	.0074417	.0485907	-.038980	-.018230	13.70769

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723677	.0016477	.0013072	F 1393.704	.0413615	.0717301
Stddev	.0005970	.0000591	.0001355	1.473	.0008573	.0007743
%RSD	.8249731	3.587731	10.36369	.1056737	2.072647	1.079415
#1	.0718419	.0015866	.0014618	1392.004	.0410996	.0709169
#2	.0730167	.0016519	.0012094	1394.493	.0423192	.0724584
#3	.0722446	.0017046	.0012503	1394.614	.0406657	.0718152

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0733749	63.33860	3.233329	367.2036	.0837009	-.006690
Stddev	.0061780	.04024	.008084	.7293	.0007939	.000578
%RSD	8.419779	.0635380	.2500269	.1986194	.9484866	8.638148
#1	.0681792	63.29242	3.224009	366.4243	.0839188	-.007005
#2	.0802061	63.36618	3.238446	367.3168	.0843631	-.007042
#3	.0717394	63.35720	3.237532	367.8698	.0828208	-.006023

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6174519	.0613222	.1907261	.6645368	1.848532	-.125684
Stddev	.5398965	.0044018	.0062005	.0587545	.001018	.001053
%RSD	87.43944	7.178193	3.251000	8.841427	.0550658	.8377938
#1	1.133977	.0653572	.1921509	.7129876	1.848947	-.126192
#2	.056882	.0566279	.1839372	.6814389	1.847372	-.126385
#3	.661496	.0619816	.1960902	.5991837	1.849276	-.124473

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-07 Acquired: 12/10/2024 20:21:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056535	1.556072	1.993510	.0025156	.3914378	1.005705
Stddev	.0003329	.001237	.013886	.0007504	.0044264	.000480
%RSD	5.889331	.0794984	.6965386	29.83064	1.130801	.0477017
#1	.0055559	1.556669	1.984372	.0025392	.3866275	1.005170
#2	.0053801	1.556897	2.009489	.0032539	.3953391	1.006095
#3	.0060243	1.554650	1.986669	.0017536	.3923467	1.005852

Elem	Li6707
Units	ppm
Avg	-.025068
Stddev	.001500
%RSD	5.984957
#1	-.025088
#2	-.026558
#3	-.023558

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2394.097	25776.48	2715.189	1817.924	3156.451
Stddev	9.938	473.74	14.876	33.219	12.429
%RSD	.4150952	1.837865	.5478984	1.827305	.3937583
#1	2397.740	25837.46	2707.514	1822.707	3162.943
#2	2401.699	25275.21	2705.717	1782.573	3164.289
#3	2382.852	26216.78	2732.335	1848.492	3142.120

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-08 Acquired: 12/10/2024 20:25:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184392	.0122091	.0280129	-.027164	-.016899	12.24830
Stddev	.0035521	.0010379	.0018881	.001983	.001589	.05872
%RSD	19.26396	8.501103	6.739994	7.299789	9.403838	.4793943
#1	.0163154	.0110798	.0262804	-.026002	-.016103	12.25071
#2	.0164622	.0124262	.0300253	-.029453	-.015865	12.30577
#3	.0225399	.0131213	.0277332	-.026036	-.018728	12.18841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0631010	.0010817	.0006752	F 831.0482	.0373784	.0589994
Stddev	.0019855	.0000738	.0000830	2.8062	.0009784	.0003712
%RSD	3.146520	6.826292	12.29398	.3376720	2.617562	.6292102
#1	.0652448	.0009979	.0005926	832.4033	.0366937	.0586566
#2	.0627328	.0011101	.0006746	832.9196	.0384989	.0593937
#3	.0613254	.0011371	.0007586	827.8216	.0369425	.0589479

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435532	37.97290	1.672889	183.7666	.0616251	-.004487
Stddev	.0051236	.04385	.008592	.9654	.0015132	.000145
%RSD	11.76390	.1154756	.5136086	.5253641	2.455447	3.239512
#1	.0404271	38.01395	1.681643	184.8045	.0615233	-.004424
#2	.0407663	37.92671	1.672554	183.5998	.0601654	-.004384
#3	.0494661	37.97803	1.664469	182.8954	.0631866	-.004653

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3618782	.0511487	.1185609	.1452421	1.677360	-.085071
Stddev	.4986628	.0029314	.0105294	.0757227	.008568	.001042
%RSD	137.7985	5.731213	8.881009	52.13551	.5107769	1.224581
#1	-.098403	.0478045	.1125902	.2096981	1.667945	-.084042
#2	.891636	.0523675	.1307186	.1641805	1.679434	-.085048
#3	.292402	.0532741	.1123740	.0618477	1.684700	-.086125

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-08 Acquired: 12/10/2024 20:25:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009027	2.041236	1.754716	-.000793	.6287479	.6672310
Stddev	.0003844	.010722	.008783	.000090	.0022059	.0018927
%RSD	42.58693	.5252845	.5005182	11.32499	.3508364	.2836636
#1	.0009874	2.029054	1.764549	-.000896	.6312017	.6686952
#2	.0004830	2.049244	1.751952	-.000750	.6281129	.6679040
#3	.0012377	2.045409	1.747649	-.000732	.6269292	.6650938

Elem	Li6707
Units	ppm
Avg	-.049320
Stddev	.008093
%RSD	16.40951
#1	-.043653
#2	-.045718
#3	-.058589

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2454.647	26841.20	2764.370	1898.652	3347.578
Stddev	4.096	75.91	12.387	6.356	9.979
%RSD	.1668538	.2827931	.4480845	.3347407	.2980888
#1	2457.472	26786.24	2751.775	1891.426	3353.911
#2	2449.950	26809.56	2764.796	1901.158	3336.075
#3	2456.519	26927.81	2776.538	1903.373	3352.748

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-09 Acquired: 12/10/2024 20:29:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0254839	.0111139	.0282570	-.039790	-.018908	13.52141
Stddev	.0030623	.0030531	.0005506	.001690	.001436	.05859
%RSD	12.01653	27.47123	1.948400	4.246178	7.593376	.4332915
#1	.0274704	.0145225	.0288526	-.039981	-.017728	13.47879
#2	.0270241	.0101893	.0281516	-.038014	-.018491	13.58822
#3	.0219573	.0086300	.0277667	-.041376	-.020507	13.49722

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638180	.0012628	.0007967	F 1443.727	.0425381	.0674730
Stddev	.0006432	.0001388	.0000399	4.273	.0002577	.0005818
%RSD	1.007862	10.99420	5.006833	.2959987	.6058801	.8622056
#1	.0631346	.0014231	.0008421	1439.448	.0422406	.0674160
#2	.0644116	.0011820	.0007671	1447.995	.0426872	.0680811
#3	.0639079	.0011833	.0007809	1443.738	.0426867	.0669218

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0357311	41.17175	1.764456	317.7498	.0684537	-.004220
Stddev	.0056114	.16455	.012461	.8673	.0010865	.001334
%RSD	15.70446	.3996793	.7062056	.2729523	1.587183	31.60935
#1	.0374832	41.01458	1.750078	316.8123	.0680828	-.005758
#2	.0402574	41.34281	1.772125	317.9136	.0696771	-.003519
#3	.0294528	41.15788	1.771164	318.5235	.0676013	-.003382

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5867077	.0653736	.1250877	.1492857	1.473512	-.081978
Stddev	.3995373	.0077975	.0086582	.0190919	.008000	.003849
%RSD	68.09819	11.92763	6.921714	12.78880	.5429020	4.695141
#1	.2012329	.0625488	.1165053	.1275505	1.464297	-.080095
#2	.9989603	.0593822	.1338198	.1569624	1.477567	-.086406
#3	.5599299	.0741899	.1249381	.1633444	1.478672	-.079434

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4977-09 Acquired: 12/10/2024 20:29:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29G2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030313	2.266201	1.839135	.0130760	.5908983	.8060040
Stddev	.0003689	.008803	.003762	.0016174	.0099021	.0025866
%RSD	12.17043	.3884530	.2045660	12.36935	1.675773	.3209212
#1	.0032515	2.263083	1.843198	.0112672	.5795750	.8039336
#2	.0026054	2.259381	1.838436	.0143832	.5951853	.8051749
#3	.0032370	2.276139	1.835772	.0135775	.5979345	.8089036

Elem	Li6707
Units	ppm
Avg	-.034973
Stddev	.006465
%RSD	18.48592
#1	-.032813
#2	-.042242
#3	-.029865

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2359.095	25790.72	2723.567	1829.417	3147.551
Stddev	4.407	252.09	6.457	18.532	2.268
%RSD	.1867953	.9774392	.2370727	1.012990	.0720484
#1	2360.968	26065.80	2721.799	1849.178	3149.494
#2	2354.061	25570.74	2718.179	1812.425	3145.059
#3	2362.255	25735.60	2730.724	1826.649	3148.099

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-01 Acquired: 12/10/2024 20:33:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213878	.0085294	.0398707	-.035749	-.014641	15.13382
Stddev	.0001780	.0033127	.0010543	.002071	.002390	.10102
%RSD	.8320572	38.83849	2.644394	5.792034	16.32560	.6675275
#1	.0215549	.0055631	.0395371	-.033568	-.015066	15.04946
#2	.0214078	.0121041	.0410515	-.035991	-.012067	15.24577
#3	.0212006	.0079210	.0390235	-.037688	-.016790	15.10622

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0594428	.0016920	.0011699	F 1087.013	.0385926	.0756387
Stddev	.0014500	.0000613	.0000603	7.624	.0004602	.0006725
%RSD	2.439255	3.622978	5.152105	.7013495	1.192483	.8890951
#1	.0582136	.0016226	.0011991	1079.571	.0385999	.0748635
#2	.0610419	.0017389	.0011006	1094.806	.0390491	.0760656
#3	.0590730	.0017144	.0012101	1086.663	.0381288	.0759870

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0667778	61.26783	2.247656	280.1266	.0824109	-.005448
Stddev	.0127123	.37504	.017407	1.4985	.0003583	.000641
%RSD	19.03677	.6121376	.7744608	.5349224	.4348158	11.75882
#1	.0533628	60.84453	2.235948	279.1222	.0827116	-.005299
#2	.0786459	61.55866	2.267659	281.8490	.0825066	-.004895
#3	.0683248	61.40030	2.239361	279.4086	.0820144	-.006150

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2443316	.0602969	.1537939	1.244350	1.754964	-.138118
Stddev	.5365417	.0080253	.0042007	.145967	.004797	.000705
%RSD	219.5957	13.30968	2.731351	11.73037	.2733181	.5106746
#1	.7329895	.0653727	.1534402	1.141081	1.759177	-.137459
#2	.3298316	.0510446	.1581602	1.180624	1.749744	-.138032
#3	-.329826	.0644734	.1497813	1.411344	1.755973	-.138862

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-01 Acquired: 12/10/2024 20:33:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074370	1.050765	2.494026	.0060443	.4400491	.7194547
Stddev	.0003944	.009302	.014774	.0012400	.0053124	.0058378
%RSD	5.302844	.8852448	.5923956	20.51500	1.207235	.8114250
#1	.0073153	1.057150	2.482072	.0074602	.4340583	.7163998
#2	.0071179	1.055052	2.510544	.0051520	.4441867	.7261861
#3	.0078779	1.040093	2.489461	.0055207	.4419022	.7157782

Elem	Li6707
Units	ppm
Avg	-.036827
Stddev	.002009
%RSD	5.453974
#1	-.034968
#2	-.036556
#3	-.038957

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2381.216	26057.76	2729.359	1841.295	3193.327
Stddev	5.358	58.74	25.842	6.367	6.317
%RSD	.2250026	.2254369	.9468302	.3457983	.1978088
#1	2384.464	26123.00	2752.294	1844.381	3195.071
#2	2384.151	26009.07	2701.360	1845.531	3198.589
#3	2375.032	26041.20	2734.424	1833.973	3186.322

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-02 Acquired: 12/10/2024 20:37:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130919	.0089463	.0316710	-.037793	-.015715	12.34077
Stddev	.0020187	.0014608	.0012747	.005807	.001051	.01814
%RSD	15.41958	16.32827	4.024671	15.36548	6.690016	.1470119
#1	.0118372	.0106116	.0325482	-.044197	-.016006	12.32870
#2	.0154206	.0083461	.0302088	-.032871	-.016590	12.36164
#3	.0120179	.0078813	.0322559	-.036310	-.014548	12.33199

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0619075	.0013975	.0010737	F 1266.555	.0371063	.0664553
Stddev	.0007404	.0000885	.0000475	2.844	.0002805	.0004574
%RSD	1.195989	6.330941	4.423962	.2245085	.7558322	.6883013
#1	.0625043	.0013395	.0010955	1265.109	.0374156	.0663747
#2	.0621393	.0014994	.0011063	1264.725	.0370350	.0660436
#3	.0610789	.0013537	.0010192	1269.831	.0368684	.0669477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764573	56.08183	2.165175	184.5770	.0651714	-.006227
Stddev	.0036683	.21352	.005442	.5427	.0002328	.001325
%RSD	4.797897	.3807206	.2513215	.2939989	.3572472	21.27124
#1	.0723840	56.06715	2.158908	184.0455	.0650594	-.007753
#2	.0774877	55.87603	2.167917	184.5554	.0654391	-.005561
#3	.0795003	56.30230	2.168701	185.1302	.0650158	-.005368

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9109383	.0548068	.1559221	.5114617	1.834687	-.135462
Stddev	.7281300	.0060294	.0061801	.1232154	.005324	.000589
%RSD	79.93187	11.00111	3.963593	24.09083	.2902062	.4350543
#1	.0800059	.0608785	.1630580	.6395904	1.840590	-.135901
#2	1.215333	.0488207	.1524007	.3938314	1.830247	-.135694
#3	1.437476	.0547210	.1523074	.5009634	1.833223	-.134792

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-02 Acquired: 12/10/2024 20:37:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060562	1.209220	1.938302	.0038067	.4750567	.9529797
Stddev	.0002632	.004514	.011716	.0005050	.0052278	.0023227
%RSD	4.346270	.3733080	.6044607	13.26494	1.100462	.2437331
#1	.0062471	1.205041	1.934688	.0034887	.4713525	.9510669
#2	.0057559	1.208611	1.928819	.0035424	.4727809	.9523079
#3	.0061656	1.214007	1.951400	.0043890	.4810367	.9555643

Elem	Li6707
Units	ppm
Avg	-.046596
Stddev	.002919
%RSD	6.264439
#1	-.049960
#2	-.044743
#3	-.045084

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2402.618	26380.82	2756.404	1862.135	3206.163
Stddev	6.886	38.04	11.694	9.756	3.747
%RSD	.2866111	.1441951	.4242468	.5239384	.1168762
#1	2401.621	26406.99	2766.739	1869.980	3207.140
#2	2409.949	26337.19	2758.762	1851.211	3209.325
#3	2396.285	26398.29	2743.711	1865.216	3202.024

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-03 Acquired: 12/10/2024 20:41:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491011	.0115755	.0377878	-.036143	-.016880	19.35083
Stddev	.0036541	.0014698	.0027739	.003941	.003581	.01547
%RSD	7.441901	12.69739	7.340833	10.90326	21.21651	.0799657
#1	.0471897	.0104259	.0396299	-.037373	-.015809	19.35032
#2	.0467992	.0132316	.0345974	-.031734	-.013956	19.36655
#3	.0533144	.0110691	.0391360	-.039321	-.020874	19.33562

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0819256	.0014037	.0009524	F 1066.318	.0590494	.0734340
Stddev	.0016898	.0001911	.0000794	.875	.0007112	.0002809
%RSD	2.062602	13.61301	8.340291	.0821044	1.204408	.3824924
#1	.0836401	.0015775	.0010436	1065.509	.0598207	.0732149
#2	.0818751	.0014345	.0008986	1067.248	.0589080	.0737507
#3	.0802617	.0011991	.0009149	1066.198	.0584195	.0733365

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0693521	57.41705	4.901896	256.9020	.0898134	-.004830
Stddev	.0067877	.18730	.009061	.3022	.0010594	.000380
%RSD	9.787228	.3262036	.1848507	.1176433	1.179510	7.869452
#1	.0771182	57.39273	4.892299	257.0517	.0888530	-.005182
#2	.0663848	57.61533	4.903083	256.5542	.0909497	-.004882
#3	.0645534	57.24311	4.910304	257.1002	.0896375	-.004427

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3444318	.0820822	.1819228	.8998753	1.919258	-.132928
Stddev	.9658555	.0013998	.0084357	.1034143	.010161	.002742
%RSD	280.4199	1.705409	4.636982	11.49207	.5294296	2.062930
#1	1.319169	.0832281	.1862006	.9605002	1.912287	-.130268
#2	.326416	.0805220	.1722052	.9586583	1.914571	-.132772
#3	-.612290	.0824965	.1873627	.7804675	1.930917	-.135746

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-03 Acquired: 12/10/2024 20:41:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29D9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031704	5.349647	2.368106	.0043254	.6438540	.7733433
Stddev	.0000538	.023463	.007717	.0006077	.0047280	.0015600
%RSD	1.695816	.4385967	.3258520	14.04987	.7343247	.2017166
#1	.0031410	5.323260	2.359745	.0042147	.6457756	.7715895
#2	.0032324	5.357515	2.369619	.0037806	.6473186	.7745760
#3	.0031377	5.368164	2.374954	.0049808	.6384678	.7738645

Elem	Li6707
Units	ppm
Avg	-.022198
Stddev	.005071
%RSD	22.84547
#1	-.019452
#2	-.028050
#3	-.019091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2389.819	26320.43	2728.446	1859.068	3177.734
Stddev	7.362	104.32	7.346	7.352	11.624
%RSD	.3080438	.3963531	.2692479	.3954462	.3658005
#1	2398.211	26233.17	2724.089	1854.570	3191.098
#2	2386.796	26292.16	2724.322	1855.082	3172.138
#3	2384.450	26435.98	2736.928	1867.552	3169.967

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-04 Acquired: 12/10/2024 20:45:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0595552	-.012862	.1649936	.0037241	.0084780	133.5742	.6464450
Stddev	.0013137	.002783	.0014391	.0040630	.0036191	.3112	.0026036
%RSD	2.205800	21.63472	.8722423	109.0998	42.68881	.2329597	.4027523
#1	.0607341	-.011947	.1658392	-.000942	.0092431	133.6889	.6470732
#2	.0581391	-.015986	.1633319	.006478	.0116534	133.8118	.6486769
#3	.0597923	-.010651	.1658098	.005636	.0045374	133.2220	.6435848

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087626	.0004256	24.06795	.1754651	.1756200	.0973702	343.4612
Stddev	.0002949	.0001143	.06343	.0009942	.0005621	.0065886	.8100
%RSD	3.365875	26.86182	.2635350	.5666049	.3200799	6.766574	.2358318
#1	.0089668	.0005192	24.09696	.1753729	.1759669	.0899225	343.4440
#2	.0088966	.0002982	24.11168	.1745202	.1749714	.1024390	344.2796
#3	.0084245	.0004592	23.99520	.1765022	.1759216	.0997491	342.6599

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.106991	66.56650	.5711855	-.030865	2.471857	.2276233	.7669109
Stddev	.007209	.32082	.0009616	.000951	.297516	.0061928	.0082112
%RSD	.2320145	.4819551	.1683585	3.081384	12.03613	2.720616	1.070680
#1	3.114811	66.93660	.5719281	-.031417	2.583937	.2293990	.7603705
#2	3.100611	66.39546	.5700992	-.029767	2.134580	.2327343	.7642364
#3	3.105551	66.36744	.5715291	-.031411	2.697055	.2207367	.7761259

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.75709	1.677114	-.941206	-.001736	67.92133	7.230699	.0194458
Stddev	.20037	.001686	.008382	.000554	.13428	.091633	.0012598
%RSD	.8434034	.1005139	.8905260	31.89505	.1977023	1.267278	6.478281
#1	23.67895	1.678819	-.947947	-.001491	67.96105	7.308299	.0180079
#2	23.98475	1.677074	-.943850	-.001347	67.77166	7.254191	.0199742
#3	23.60755	1.675448	-.931821	-.002370	68.03127	7.129607	.0203553

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-04 Acquired: 12/10/2024 20:45:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3854474	-.250539	.3748664
Stddev	.0038002	.000891	.0059157
%RSD	.9859279	.3554529	1.578072
#1	.3897381	-.250400	.3715342
#2	.3840983	-.251491	.3816966
#3	.3825057	-.249727	.3713685

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2625.149	28666.64	2830.685	2048.886	3787.676
Stddev	8.840	125.02	24.099	15.062	13.757
%RSD	.3367292	.4361055	.8513661	.7351516	.3632174
#1	2618.312	28731.98	2807.756	2058.377	3777.623
#2	2635.131	28745.45	2828.494	2056.764	3803.355
#3	2622.004	28522.50	2855.805	2031.519	3782.050

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-05 Acquired: 12/10/2024 20:48:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0231738	.0085585	.0442903	-.040307	-.016393	15.60152
Stddev	.0045685	.0011535	.0008619	.005071	.002527	.14251
%RSD	19.71402	13.47797	1.946035	12.58071	15.41374	.9134552
#1	.0232202	.0092739	.0441513	-.034523	-.014040	15.68928
#2	.0185823	.0091738	.0435064	-.043989	-.016077	15.67821
#3	.0277189	.0072278	.0452133	-.042409	-.019064	15.43709

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617103	.0017077	.0011326	F 983.9569	.0459516	.0741492
Stddev	.0010347	.0001178	.0000697	8.0771	.0006725	.0002578
%RSD	1.676739	6.897259	6.156013	.8208774	1.463502	.3476361
#1	.0607474	.0017946	.0010652	988.8699	.0462388	.0738598
#2	.0628043	.0017549	.0011282	988.3660	.0451833	.0742334
#3	.0615792	.0015737	.0012044	974.6349	.0464330	.0743543

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0638916	61.08296	2.099601	226.8406	.0841808	-.006507
Stddev	.0079888	.62660	.015667	1.5279	.0016660	.000603
%RSD	12.50370	1.025825	.7462063	.6735608	1.979066	9.268480
#1	.0726382	61.35292	2.110399	227.6150	.0860883	-.007157
#2	.0620567	61.52934	2.106773	227.8263	.0830108	-.006399
#3	.0569799	60.36663	2.081631	225.0806	.0834434	-.005965

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7365090	.0727529	.1506714	1.134215	1.935237	-.141823
Stddev	.4410427	.0049606	.0096002	.179244	.004373	.001279
%RSD	59.88287	6.818467	6.371604	15.80333	.2259908	.9015899
#1	1.052001	.0712753	.1616569	1.228378	1.935024	-.140373
#2	.924981	.0686990	.1438932	1.246753	1.930974	-.142305
#3	.232545	.0782845	.1464640	.927514	1.939713	-.142790

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-05 Acquired: 12/10/2024 20:48:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072441	1.209158	2.010616	.0066381	.5604215	.7374731
Stddev	.0004930	.003853	.018451	.0012061	.0058037	.0050931
%RSD	6.806240	.3186522	.9176823	18.16979	1.035591	.6906179
#1	.0073687	1.204863	2.004814	.0056252	.5647730	.7401755
#2	.0076628	1.212311	2.031270	.0079724	.5626594	.7406454
#3	.0067007	1.210300	1.995763	.0063169	.5538320	.7315983

Elem	Li6707
Units	ppm
Avg	-.040664
Stddev	.002532
%RSD	6.225920
#1	-.039242
#2	-.043587
#3	-.039164

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.848	26339.39	2777.644	1857.778	3266.961
Stddev	4.911	119.90	26.670	18.968	4.505
%RSD	.2027130	.4552115	.9601734	1.021017	.1378810
#1	2427.009	26201.02	2766.754	1836.089	3269.171
#2	2424.105	26404.54	2758.142	1865.982	3269.934
#3	2417.430	26412.62	2808.036	1871.264	3261.778

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-06 Acquired: 12/10/2024 20:52:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168328	.0095613	.0376529	-.038467	-.017561	14.37466
Stddev	.0009474	.0010534	.0035553	.006161	.004045	.06456
%RSD	5.628591	11.01720	9.442189	16.01680	23.03625	.4490963
#1	.0178334	.0104849	.0339127	-.033900	-.022199	14.34337
#2	.0167157	.0084141	.0380574	-.045475	-.015716	14.44890
#3	.0159494	.0097849	.0409886	-.036027	-.014766	14.33170

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0567190	.0017080	.0012056	F 1437.216	.0388602	.0742087
Stddev	.0004497	.0000999	.0001480	6.788	.0007247	.0004150
%RSD	.7927882	5.850095	12.27943	.4722947	1.864925	.5592315
#1	.0567477	.0017379	.0012102	1435.573	.0396399	.0737297
#2	.0562556	.0015965	.0010553	1444.674	.0382072	.0744624
#3	.0571535	.0017895	.0013513	1431.400	.0387334	.0744338

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698094	58.04696	2.276348	485.5091	.0766543	-.004590
Stddev	.0056204	.17702	.011046	2.5376	.0006634	.000991
%RSD	8.051129	.3049681	.4852507	.5226628	.8654814	21.59749
#1	.0696085	58.04902	2.271543	484.5326	.0765668	-.005722
#2	.0642920	58.22294	2.288982	488.3898	.0760389	-.004171
#3	.0755275	57.86891	2.268517	483.6048	.0773571	-.003877

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5516689	.0731065	.1472358	1.077381	1.924709	-.124873
Stddev	.3176463	.0026662	.0103521	.069117	.011797	.001753
%RSD	57.57916	3.647066	7.030990	6.415301	.6128988	1.403612
#1	.8827792	.0702453	.1359318	1.061391	1.914076	-.126830
#2	.2494621	.0755215	.1562540	1.017661	1.922652	-.124343
#3	.5227653	.0735527	.1495216	1.153092	1.937399	-.123447

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-06 Acquired: 12/10/2024 20:52:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050264	1.633368	2.028463	.0048762	.4779059	.9548931
Stddev	.0003253	.009800	.008663	.0007715	.0071544	.0043823
%RSD	6.471034	.5999956	.4270929	15.82123	1.497021	.4589313
#1	.0053818	1.623250	2.038463	.0043827	.4802184	.9534281
#2	.0047437	1.634036	2.023684	.0057652	.4836179	.9598202
#3	.0049536	1.642816	2.023242	.0044807	.4698813	.9514309

Elem	Li6707
Units	ppm
Avg	-.035253
Stddev	.000970
%RSD	2.752857
#1	-.035744
#2	-.034135
#3	-.035879

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2350.933	25820.54	2744.784	1822.302	3082.877
Stddev	9.928	83.25	16.911	12.443	11.057
%RSD	.4222942	.3224043	.6161107	.6828384	.3586620
#1	2355.485	25811.34	2741.882	1822.153	3092.627
#2	2357.768	25742.28	2729.512	1809.934	3085.141
#3	2339.545	25908.01	2762.958	1834.820	3070.864

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-07 Acquired: 12/10/2024 20:56:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112640	.0135791	.0334448	-.042944	-.019242	13.41952
Stddev	.0015992	.0020323	.0012495	.003144	.002331	.21538
%RSD	14.19761	14.96628	3.736038	7.322263	12.11528	1.604964
#1	.0129602	.0113748	.0320216	-.039520	-.018039	13.61824
#2	.0110481	.0153784	.0343615	-.045703	-.021929	13.44967
#3	.0097837	.0139842	.0339515	-.043609	-.017759	13.19066

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0603826	.0014020	.0010906	F 1381.264	.0399794	.0687039
Stddev	.0025564	.0000657	.0000514	20.443	.0002497	.0013575
%RSD	4.233627	4.686099	4.717283	1.480051	.6246026	1.975838
#1	.0605516	.0013907	.0011270	1399.110	.0402369	.0688288
#2	.0628503	.0014726	.0010317	1385.723	.0397383	.0699946
#3	.0577459	.0013427	.0011131	1358.959	.0399631	.0672883

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0518302	59.43081	2.633460	320.9699	.0653152	-.005693
Stddev	.0076288	.88352	.045025	4.0846	.0005345	.001059
%RSD	14.71878	1.486634	1.709709	1.272571	.8182607	18.60527
#1	.0507495	60.18945	2.679199	324.7110	.0647681	-.004547
#2	.0447995	59.64221	2.631996	321.5868	.0658361	-.006636
#3	.0599418	58.46077	2.589186	316.6120	.0653414	-.005896

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4064724	.0649405	.1222305	-.053085	2.057526	-.136996
Stddev	.6496633	.0057130	.0032016	.036973	.027398	.004371
%RSD	159.8296	8.797240	2.619288	69.64894	1.331607	3.190897
#1	-.341570	.0688997	.1185350	-.090498	2.049171	-.141640
#2	.731638	.0675305	.1239920	-.016568	2.088129	-.136386
#3	.829349	.0583912	.1241646	-.052188	2.035277	-.132961

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-07 Acquired: 12/10/2024 20:56:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034468	1.939063	1.894734	.0071339	.5480340	.8545525
Stddev	.0006100	.023829	.035324	.0006951	.0064253	.0121774
%RSD	17.69600	1.228903	1.864313	9.743865	1.172422	1.425002
#1	.0038228	1.933951	1.933547	.0078386	.5543752	.8662422
#2	.0037746	1.965034	1.886187	.0071143	.5481992	.8554755
#3	.0027430	1.918205	1.864468	.0064488	.5415278	.8419399

Elem	Li6707
Units	ppm
Avg	-.043972
Stddev	.003514
%RSD	7.990861
#1	-.046986
#2	-.040113
#3	-.044819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2375.666	26057.99	2757.273	1848.066	3147.784
Stddev	34.006	117.27	42.789	8.156	50.930
%RSD	1.431440	.4500451	1.551843	.4413509	1.617965
#1	2385.336	26182.95	2717.607	1856.755	3163.555
#2	2337.871	25950.33	2751.594	1846.870	3090.835
#3	2403.789	26040.68	2802.617	1840.574	3188.964

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-08 Acquired: 12/10/2024 21:00:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1358245	.0113222	.0347980	-.036397	-.016872	18.99390
Stddev	.0016859	.0029733	.0039387	.003459	.002062	.05237
%RSD	1.241241	26.26114	11.31870	9.503091	12.22285	.2757053
#1	.1375753	.0137679	.0346755	-.039786	-.015802	19.03400
#2	.1342120	.0121859	.0387966	-.036531	-.019250	19.01304
#3	.1356862	.0080126	.0309221	-.032873	-.015565	18.93465

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0857347	.0016194	.0010054	F 1215.966	.0507979	.0781615
Stddev	.0017064	.0000690	.0000381	2.190	.0009220	.0012554
%RSD	1.990285	4.259869	3.787989	.1801207	1.815011	1.606141
#1	.0865318	.0016838	.0010480	1218.251	.0497379	.0795680
#2	.0837756	.0015466	.0009938	1215.764	.0512423	.0777620
#3	.0868967	.0016276	.0009745	1213.884	.0514134	.0771544

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0660984	61.97881	2.601331	184.0246	.0904830	-.005386
Stddev	.0020288	.08107	.005933	.4398	.0016450	.000561
%RSD	3.069425	.1308081	.2280746	.2390129	1.817979	10.41654
#1	.0682368	61.96003	2.608129	184.5143	.0922539	-.005765
#2	.0642006	62.06762	2.597201	183.8965	.0901927	-.004742
#3	.0658578	61.90877	2.598662	183.6630	.0890026	-.005652

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7203467	.0666032	.1702331	.5330554	1.833531	-.155673
Stddev	.6240615	.0115558	.0068972	.0545333	.011531	.000841
%RSD	86.63348	17.35027	4.051614	10.23033	.6288736	.5400899
#1	.5093989	.0640171	.1760799	.5651617	1.846732	-.155022
#2	.2290975	.0792330	.1719928	.4700899	1.828431	-.156622
#3	1.422544	.0565596	.1626265	.5639146	1.825429	-.155375

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-08 Acquired: 12/10/2024 21:00:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0130228	14.34935	2.242661	.0048503	.7133570	1.065706
Stddev	.0002191	.12063	.018418	.0022609	.0016954	.001629
%RSD	1.682195	.8406862	.8212715	46.61344	.2376671	.1528418
#1	.0132579	14.48831	2.222106	.0045945	.7118134	1.067239
#2	.0129860	14.28830	2.248209	.0072282	.7130860	1.065885
#3	.0128244	14.27146	2.257667	.0027282	.7151716	1.063995

Elem	Li6707
Units	ppm
Avg	-.038324
Stddev	.002852
%RSD	7.442828
#1	-.041524
#2	-.036050
#3	-.037398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2425.875	26706.89	2777.723	1896.895	3246.817
Stddev	18.283	26.75	6.461	7.068	28.448
%RSD	.7536864	.1001605	.2325832	.3726075	.8761780
#1	2405.140	26723.68	2782.655	1895.439	3214.253
#2	2432.802	26720.95	2780.104	1904.578	3259.359
#3	2439.682	26676.04	2770.410	1890.669	3266.838

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-11 Acquired: 12/10/2024 21:04:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069962	.0096515	.0385048	-.043969	-.021648	15.60653
Stddev	.0033697	.0021511	.0037445	.004110	.001339	.06513
%RSD	48.16475	22.28823	9.724757	9.347576	6.184238	.4173037
#1	.0038377	.0113559	.0416881	-.039563	-.023124	15.55103
#2	.0105434	.0072345	.0394472	-.047699	-.020514	15.67823
#3	.0066076	.0103640	.0343791	-.044644	-.021305	15.59034

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0851962	.0014507	.0013582	F 1474.637	.0446644	.0721511
Stddev	.0013018	.0000713	.0000114	5.808	.0005654	.0006876
%RSD	1.527977	4.913486	.8409033	.3938261	1.265911	.9529798
#1	.0856439	.0014512	.0013514	1473.735	.0443774	.0713990
#2	.0837297	.0013791	.0013518	1480.842	.0443001	.0727475
#3	.0862150	.0015217	.0013714	1469.333	.0453158	.0723068

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0606201	66.02459	4.650221	440.4382	.0735783	-.006476
Stddev	.0065447	.13969	.020045	2.3929	.0004012	.001574
%RSD	10.79629	.2115778	.4310564	.5433096	.5453302	24.30512
#1	.0578405	66.00468	4.643145	440.1471	.0739310	-.004692
#2	.0680958	66.17316	4.672844	442.9633	.0736621	-.007670
#3	.0559239	65.89591	4.634673	438.2041	.0731418	-.007067

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3657178	.0685909	.1254588	.4159255	2.057990	-.147742
Stddev	.3983395	.0031210	.0079109	.0315179	.005822	.002605
%RSD	108.9199	4.550179	6.305605	7.577780	.2828843	1.762972
#1	.0294704	.0716905	.1235846	.4101298	2.061996	-.149291
#2	.8056459	.0654489	.1186533	.4499391	2.060663	-.149200
#3	.2620370	.0686334	.1341386	.3877077	2.051312	-.144735

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-11 Acquired: 12/10/2024 21:04:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073923	3.804718	2.237566	.0048674	.3775141	.9219702
Stddev	.0000499	.003105	.017792	.0004665	.0043057	.0050461
%RSD	.6756069	.0816162	.7951544	9.583242	1.140550	.5473187
#1	.0074218	3.801451	2.220654	.0044665	.3759185	.9193711
#2	.0073346	3.807631	2.256124	.0053794	.3823899	.9277860
#3	.0074204	3.805073	2.235920	.0047564	.3742340	.9187534

Elem	Li6707
Units	ppm
Avg	-.029317
Stddev	.004184
%RSD	14.27331
#1	-.033522
#2	-.025153
#3	-.029275

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2353.203	25828.25	2738.274	1817.707	3052.663
Stddev	8.500	144.98	12.060	8.485	6.778
%RSD	.3612108	.5613415	.4404121	.4667942	.2220235
#1	2343.706	25663.94	2747.934	1807.942	3044.838
#2	2360.099	25938.17	2724.758	1821.891	3056.446
#3	2355.804	25882.65	2742.129	1823.286	3056.704

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-12 Acquired: 12/10/2024 21:08:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0264445	.0060403	.0480874	-.035439	-.012810	21.91365
Stddev	.0042766	.0002609	.0033537	.005994	.001671	.02586
%RSD	16.17194	4.319559	6.974206	16.91367	13.04445	.1180163
#1	.0227426	.0058444	.0472637	-.037975	-.011735	21.88715
#2	.0311258	.0059400	.0517763	-.039749	-.011960	21.91499
#3	.0254651	.0063365	.0452224	-.028594	-.014735	21.93882

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0852183	.0024766	.0015705	F 1156.238	.0769794	.0837465
Stddev	.0009068	.0000675	.0001238	2.923	.0003453	.0004125
%RSD	1.064107	2.723718	7.884857	.2528164	.4485977	.4925473
#1	.0847103	.0025336	.0015038	1155.238	.0765837	.0838234
#2	.0846793	.0024942	.0014943	1153.946	.0772195	.0833009
#3	.0862652	.0024021	.0017134	1159.530	.0771351	.0841151

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0731838	93.44275	2.479705	257.4942	.1213341	-.009479
Stddev	.0050807	.19629	.015288	.9935	.0008902	.000327
%RSD	6.942411	.2100647	.6165105	.3858161	.7336823	3.450129
#1	.0688134	93.41574	2.475649	257.4198	.1204394	-.009289
#2	.0719794	93.26136	2.466855	256.5400	.1213432	-.009857
#3	.0787584	93.65115	2.496612	258.5227	.1222197	-.009292

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0558253	.0831433	.2160494	.9596907	2.951225	-.230083
Stddev	.0731430	.0064663	.0030402	.0777697	.011330	.002225
%RSD	131.0211	7.777298	1.407176	8.103625	.3838997	.9670621
#1	.0079753	.0900211	.2195577	.8713507	2.959718	-.231990
#2	.1400220	.0771875	.2141876	1.017831	2.938361	-.227639
#3	.0194787	.0822213	.2144028	.989891	2.955597	-.230620

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-12 Acquired: 12/10/2024 21:08:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072592	1.342128	2.370030	.0063793	.8438135	.7465704
Stddev	.0003603	.004902	.008075	.0003986	.0058034	.0036449
%RSD	4.962738	.3652415	.3407088	6.247802	.6877544	.4882190
#1	.0076747	1.337052	2.377884	.0068157	.8410539	.7449609
#2	.0070331	1.342499	2.361751	.0062876	.8399049	.7440073
#3	.0070699	1.346835	2.370456	.0060346	.8504818	.7507430

Elem	Li6707
Units	ppm
Avg	-.039150
Stddev	.000717
%RSD	1.831701
#1	-.039841
#2	-.038409
#3	-.039199

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.713	26336.37	2760.339	1864.287	3190.523
Stddev	7.539	42.99	11.485	11.876	8.735
%RSD	.3140392	.1632262	.4160808	.6370320	.2737929
#1	2401.162	26286.74	2753.531	1862.587	3193.209
#2	2408.018	26361.90	2773.599	1853.353	3197.601
#3	2392.960	26360.47	2753.885	1876.922	3180.761

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-13 Acquired: 12/10/2024 21:12:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135722	.0114729	.0360920	-.034159	-.017425	13.12641
Stddev	.0038429	.0019159	.0014081	.002976	.000387	.03526
%RSD	28.31440	16.69952	3.901352	8.711262	2.218942	.2686405
#1	.0117338	.0119644	.0345274	-.034239	-.017265	13.13919
#2	.0179890	.0130953	.0372573	-.037095	-.017865	13.08654
#3	.0109938	.0093592	.0364913	-.031145	-.017143	13.15351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0610181	.0013979	.0008809	F 1014.373	.0353406	.0637052
Stddev	.0006383	.0000316	.0000638	1.488	.0003302	.0002809
%RSD	1.046157	2.262497	7.244923	.1466691	.9342691	.4409791
#1	.0610531	.0013650	.0008518	1014.241	.0349594	.0633819
#2	.0603630	.0014005	.0008368	1012.955	.0355303	.0638431
#3	.0616382	.0014281	.0009541	1015.922	.0355322	.0638905

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0681599	51.68665	3.031032	270.3709	.0651192	-.004915
Stddev	.0092931	.11036	.005542	.7198	.0003819	.000811
%RSD	13.63422	.2135170	.1828580	.2662117	.5864056	16.49131
#1	.0787455	51.55965	3.030229	269.9410	.0651574	-.005709
#2	.0613438	51.74106	3.036932	269.9699	.0654805	-.004947
#3	.0643904	51.75924	3.025934	271.2019	.0647197	-.004089

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2423279	.0471642	.1336087	.5265529	1.624806	-.105994
Stddev	.4756045	.0146164	.0005771	.0752503	.003429	.002390
%RSD	196.2649	30.99045	.4319083	14.29112	.2110315	2.255159
#1	.7531603	.0476379	.1340287	.6018937	1.621030	-.107747
#2	.1615178	.0615380	.1329507	.5263715	1.627725	-.103271
#3	-.187694	.0323167	.1338468	.4513934	1.625664	-.106963

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-13 Acquired: 12/10/2024 21:12:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034297	1.203187	1.940538	.0049995	.3657524	.8108655
Stddev	.0002181	.010268	.009029	.0016487	.0031353	.0014857
%RSD	6.358640	.8534194	.4652574	32.97787	.8572078	.1832276
#1	.0035941	1.209744	1.930143	.0048844	.3624328	.8111308
#2	.0035128	1.191353	1.945054	.0034113	.3661609	.8092650
#3	.0031823	1.208464	1.946417	.0067027	.3686633	.8122008

Elem	Li6707
Units	ppm
Avg	-.041351
Stddev	.005022
%RSD	12.14579
#1	-.046138
#2	-.036123
#3	-.041791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.401	26283.37	2749.845	1853.099	3203.762
Stddev	8.908	51.69	8.008	5.997	12.765
%RSD	.3706493	.1966586	.2912074	.3236061	.3984460
#1	2401.428	26335.71	2757.605	1860.015	3202.822
#2	2413.130	26282.02	2750.320	1849.940	3216.972
#3	2395.644	26232.36	2741.611	1849.342	3191.494

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV092 Acquired: 12/10/2024 21:29:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.879418	4.886209	24.78820	4.766514	4.830627	399.9370
Stddev	.008378	.010686	.07993	.017513	.015866	2.8888
%RSD	.1717089	.2186934	.3224379	.3674145	.3284505	.7223031
#1	4.881389	4.897975	24.88024	4.785956	4.848768	400.4971
#2	4.870230	4.883545	24.74813	4.751975	4.823776	396.8092
#3	4.886635	4.877108	24.73624	4.761612	4.819338	402.5047

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04996	.5022142	2.495116	406.5919	15.57759	2.518021
Stddev	.07194	.0033573	.006968	2.8353	.08926	.008998
%RSD	.7157991	.6685062	.2792581	.6973209	.5729729	.3573440
#1	10.05572	.4990128	2.503109	407.7135	15.67453	2.528400
#2	9.97531	.5019215	2.491914	403.3675	15.55941	2.513261
#3	10.11884	.5057083	2.490324	408.6948	15.49882	2.512404

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.01912	407.3727	14.77285	404.0890	2.512688	1.254610
Stddev	.13887	2.4641	.14978	3.8636	.006844	.003484
%RSD	.9246024	.6048855	1.013875	.9561359	.2723632	.2777331
#1	15.07204	408.1400	14.83783	405.8764	2.519887	1.256532
#2	14.86157	404.6163	14.60156	399.6553	2.511913	1.256710
#3	15.12374	409.3620	14.87916	406.7353	2.506266	1.250588

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	395.7092	2.521186	14.01692	152.5307	5.000856	F 4.121511
Stddev	4.1264	.025617	.13086	.8961	.012060	.020222
%RSD	1.042788	1.016075	.9335898	.5874645	.2411512	.4906510
#1	396.9942	2.528513	14.14744	152.8304	5.012171	4.120988
#2	391.0932	2.492704	14.01760	151.5232	4.988169	4.101555
#3	399.0402	2.542342	13.88572	153.2386	5.002226	4.141989

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV092 Acquired: 12/10/2024 21:29:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.821697	5.012847	4.880459	5.009845	4.981501	4.811191
Stddev	.012229	.022062	.034952	.013281	.042940	.045478
%RSD	.2536317	.4401121	.7161590	.2651053	.8619841	.9452515
#1	4.835387	5.030990	4.863980	5.024210	5.001997	4.838797
#2	4.817849	4.988288	4.856794	5.007313	4.932153	4.758701
#3	4.811854	5.019264	4.920604	4.998012	5.010352	4.836074

Elem	Li6707
Units	ppm
Avg	5.029089
Stddev	.038250
%RSD	.7605722
#1	5.019788
#2	4.996347
#3	5.071131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2089.666	24094.40	2590.633	1596.553	3087.046
Stddev	7.703	204.66	14.471	13.949	10.238
%RSD	.3686022	.8494080	.5585958	.8737148	.3316339
#1	2085.251	23864.81	2591.104	1583.856	3082.079
#2	2085.188	24160.68	2604.863	1594.318	3080.240
#3	2098.561	24257.70	2575.932	1611.485	3098.820

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB092 Acquired: 12/10/2024 21:52:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003212	.0027546	-.002099	.0032934	.0021074	-.016136
Stddev	.002867	.0024373	.000543	.0019345	.0032290	.018915
%RSD	89.25116	88.48201	25.86793	58.73720	153.2199	117.2194
#1	-.000253	.0029035	-.002377	.0051291	.0018079	-.000918
#2	-.005978	.0051140	-.002447	.0012734	.0054757	-.037313
#3	-.003406	.0002462	-.001474	.0034778	-.000961	-.010178

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004107	-.000058	.0001386	.0563196	-.000177	.0001308
Stddev	.000985	.000049	.0001198	.0220233	.000537	.0001455
%RSD	23.97957	85.57410	86.39963	39.10415	304.1686	111.2531
#1	-.004974	-.000111	.0002680	.0588489	.000088	.0001157
#2	-.004312	-.000048	.0001164	.0769690	.000177	.0002832
#3	-.003036	-.000014	.0000315	.0331408	-.000795	-.000007

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092966	.0363111	.0003903	-.075663	-.000206	-.000008
Stddev	.0072025	.0414170	.0009959	.054971	.000270	.000741
%RSD	77.47445	114.0614	255.1971	72.65298	131.4795	8874.716
#1	.0162977	.0744459	-.000756	-.128812	-.000274	.000670
#2	.0096836	.0422372	.001043	-.019035	-.000435	-.000800
#3	.0019084	-.007750	.000884	-.079141	.000092	.000105

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.543347	-.002242	-.002356	-.579886	-.001145	-.003897
Stddev	.312209	.002492	.001543	.157873	.000883	.000792
%RSD	57.46030	111.1294	65.50244	27.22480	77.12518	20.32217
#1	-.344807	-.004201	-.002977	-.761882	-.000918	-.004742
#2	-.903214	-.003088	-.000599	-.479839	-.000397	-.003775
#3	-.382020	.000562	-.003493	-.497937	-.002119	-.003173

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB092 Acquired: 12/10/2024 21:52:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB092 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000363	-.000352	-.000779	-.000587	.0065895	-.000047
Stddev	.000233	.002363	.000715	.000702	.0004258	.000172
%RSD	64.16916	671.7564	91.75610	119.6137	6.462517	363.6648
#1	-.000402	-.001300	-.000472	-.000299	.0067231	-.000146
#2	-.000113	-.002093	-.000269	-.001388	.0069324	-.000148
#3	-.000574	.002338	-.001596	-.000075	.0061128	.000151

Elem	Li6707
Units	ppm
Avg	F -.075180
Stddev	.003613
%RSD	4.806227
#1	-.076767
#2	-.071045
#3	-.077728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2500.478	27816.91	2695.736	1970.069	3910.438
Stddev	2.021	78.36	6.635	9.206	8.255
%RSD	.0808308	.2816989	.2461464	.4673120	.2111134
#1	2498.475	27851.95	2691.710	1966.582	3901.693
#2	2502.517	27871.63	2692.103	1980.510	3918.096
#3	2500.443	27727.14	2703.394	1963.116	3911.525

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-14 Acquired: 12/10/2024 21:56:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0178422	.0091113	.0431709	-.037355	-.016532	17.00238
Stddev	.0014237	.0020773	.0020669	.005298	.003747	.05611
%RSD	7.979306	22.79930	4.787625	14.18402	22.66303	.3300321
#1	.0194860	.0079583	.0435245	-.043468	-.014258	17.06713
#2	.0170051	.0078661	.0409500	-.034514	-.020857	16.97198
#3	.0170354	.0115094	.0450381	-.034083	-.014482	16.96803

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0840522	.0017843	.0011514	F 1122.966	.0667869	.0720755
Stddev	.0013196	.0001552	.0000326	5.926	.0010434	.0008065
%RSD	1.569992	8.697654	2.834367	.5277460	1.562218	1.118890
#1	.0825444	.0017883	.0011138	1128.149	.0663691	.0728149
#2	.0846153	.0016272	.0011672	1124.245	.0660171	.0712156
#3	.0849968	.0019375	.0011731	1116.505	.0679744	.0721962

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0697025	67.47100	2.603579	217.1083	.0880534	-.006684
Stddev	.0053285	.25331	.022389	1.4732	.0012500	.000315
%RSD	7.644616	.3754288	.8599256	.6785652	1.419575	4.708248
#1	.0738764	67.64887	2.622550	218.5013	.0893011	-.006550
#2	.0715306	67.58314	2.609303	217.2574	.0868012	-.006458
#3	.0637006	67.18098	2.578884	215.5662	.0880579	-.007043

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5088904	.0750426	.1935290	.0791371	2.188158	-.169980
Stddev	.5214729	.0038233	.0081883	.0978889	.017143	.003541
%RSD	102.4725	5.094808	4.231061	123.6953	.7834631	2.083158
#1	1.107026	.0781452	.2017913	.0951054	2.200260	-.173740
#2	.269902	.0762111	.1933791	-.025754	2.168540	-.166709
#3	.149744	.0707714	.1854167	.168060	2.195674	-.169491

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-14 Acquired: 12/10/2024 21:56:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016373	3.595615	3.140391	.0031099	.6014175	.7975970
Stddev	.0003970	.023227	.023827	.0004411	.0067037	.0056826
%RSD	24.24433	.6459795	.7587306	14.18340	1.114656	.7124665
#1	.0020479	3.622411	3.154530	.0033045	.6088873	.8024355
#2	.0016085	3.581221	3.112881	.0026050	.5994409	.7990162
#3	.0012556	3.583214	3.153761	.0034202	.5959243	.7913393

Elem	Li6707
Units	ppm
Avg	-.043483
Stddev	.002089
%RSD	4.805158
#1	-.042732
#2	-.045844
#3	-.041873

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2437.061	26755.68	2801.169	1896.950	3246.447
Stddev	22.876	109.44	14.722	13.852	29.195
%RSD	.9386886	.4090526	.5255813	.7302360	.8992882
#1	2446.724	26683.44	2784.293	1889.361	3255.834
#2	2453.521	26881.60	2807.831	1912.938	3269.795
#3	2410.939	26702.00	2811.382	1888.551	3213.714

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-15 Acquired: 12/10/2024 22:00:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0990230	.0089205	.0630818	-.036164	-.015887	18.94389
Stddev	.0012226	.0021414	.0015333	.002034	.002145	.07232
%RSD	1.234634	24.00547	2.430717	5.624801	13.50513	.3817636
#1	.0976544	.0087149	.0616567	-.033824	-.014925	18.97856
#2	.0994076	.0068893	.0647043	-.037510	-.014390	18.86076
#3	.1000071	.0111573	.0628846	-.037158	-.018345	18.99235

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0914867	.0026448	.0015949	F 1034.544	.0504787	.0895085
Stddev	.0005521	.0000743	.0001321	2.147	.0006422	.0005172
%RSD	.6035037	2.808413	8.280224	.2074883	1.272272	.5777847
#1	.0921130	.0025626	.0016599	1036.527	.0499953	.0891307
#2	.0910705	.0026647	.0014429	1032.265	.0502334	.0892969
#3	.0912765	.0027071	.0016818	1034.840	.0512074	.0900979

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059040	90.77207	2.516364	199.1626	.1337647	-.009706
Stddev	.0060094	.09653	.004013	.2757	.0006404	.000981
%RSD	5.674336	.1063425	.1594798	.1384351	.4787704	10.10333
#1	.0993961	90.87607	2.517396	199.4656	.1337144	-.008730
#2	.1112431	90.75477	2.519760	198.9265	.1331508	-.009696
#3	.1070728	90.68535	2.511935	199.0958	.1344287	-.010691

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6919406	.1161286	.2004611	.8446369	1.907680	-.231700
Stddev	.6133021	.0079833	.0048085	.2072713	.003122	.002798
%RSD	88.63508	6.874513	2.398739	24.53969	.1636652	1.207474
#1	.0525632	.1100142	.1989202	.7720227	1.910654	-.234292
#2	1.275328	.1132113	.2058512	1.078445	1.907958	-.228734
#3	.747931	.1251602	.1966118	.683443	1.904428	-.232075

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-15 Acquired: 12/10/2024 22:00:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29E9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0135223	11.98420	2.165705	.0049199	.8122890	.8838023
Stddev	.0004121	.04898	.005213	.0001432	.0026478	.0009581
%RSD	3.047805	.4087078	.2406870	2.909754	.3259625	.1084076
#1	.0131052	11.94216	2.161770	.0048581	.8094100	.8847911
#2	.0135326	11.97246	2.163728	.0048180	.8146197	.8837378
#3	.0139293	12.03799	2.171617	.0050836	.8128372	.8828781

Elem	Li6707
Units	ppm
Avg	-.048236
Stddev	.001798
%RSD	3.727616
#1	-.050310
#2	-.047117
#3	-.047280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2421.811	26559.67	2765.326	1875.657	3236.038
Stddev	7.994	77.20	6.549	7.796	5.633
%RSD	.3300930	.2906641	.2368264	.4156383	.1740847
#1	2429.294	26567.42	2767.126	1884.397	3241.068
#2	2422.751	26632.70	2770.787	1869.420	3237.095
#3	2413.389	26478.88	2758.066	1873.153	3229.950

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-16 Acquired: 12/10/2024 22:04:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303830	.0094982	.0412573	-.031753	-.015178	16.16961
Stddev	.0018516	.0022225	.0009222	.004183	.002098	.05135
%RSD	6.094342	23.39895	2.235182	13.17213	13.82076	.3175559
#1	.0300881	.0103746	.0423220	-.035173	-.017450	16.12441
#2	.0323644	.0111489	.0407341	-.032998	-.014770	16.22544
#3	.0286965	.0069712	.0407156	-.027090	-.013315	16.15898

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0927363	.0017521	.0010673	F 913.0753	.0415911	.0702132
Stddev	.0006462	.0000685	.0000336	2.3425	.0008226	.0009623
%RSD	.6967914	3.912314	3.146353	.2565453	1.977787	1.370521
#1	.0924240	.0018079	.0010290	910.5931	.0416127	.0713235
#2	.0934793	.0017728	.0010914	915.2470	.0407579	.0696215
#3	.0923056	.0016756	.0010815	913.3858	.0424027	.0696945

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0645956	62.62698	2.070508	206.2885	.0836104	-.006056
Stddev	.0048872	.09107	.003355	.6344	.0008646	.000535
%RSD	7.565835	.1454175	.1620477	.3075102	1.034081	8.842164
#1	.0676718	62.53014	2.067086	205.5560	.0844089	-.006666
#2	.0671547	62.71090	2.073792	206.6545	.0826922	-.005839
#3	.0589602	62.63990	2.070647	206.6550	.0837301	-.005663

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8149085	.0617289	.1632171	.6182287	1.775070	-.146728
Stddev	.3079260	.0064171	.0025961	.0824281	.015499	.003554
%RSD	37.78657	10.39568	1.590599	13.33295	.8731256	2.421852
#1	.5402057	.0686234	.1652710	.5466166	1.791234	-.142638
#2	.7567550	.0606330	.1640811	.7083318	1.760336	-.148488
#3	1.147765	.0559303	.1602991	.5997376	1.773640	-.149058

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-16 Acquired: 12/10/2024 22:04:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063162	1.129549	2.056597	.0039516	.5410041	.7273098
Stddev	.0002053	.009390	.014997	.0007611	.0034716	.0029970
%RSD	3.250788	.8312820	.7292257	19.25979	.6416965	.4120602
#1	.0060934	1.138883	2.039584	.0031496	.5430121	.7248156
#2	.0063572	1.129659	2.067901	.0040415	.5430048	.7306344
#3	.0064979	1.120105	2.062307	.0046637	.5369955	.7264796

Elem	Li6707
Units	ppm
Avg	-.051187
Stddev	.001664
%RSD	3.250219
#1	-.052968
#2	-.049674
#3	-.050920

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.850	26753.24	2795.416	1880.751	3302.056
Stddev	12.614	89.88	7.126	1.842	20.888
%RSD	.5165783	.3359775	.2549273	.0979541	.6325851
#1	2428.146	26651.47	2801.540	1882.826	3278.209
#2	2452.975	26821.77	2787.594	1879.310	3317.108
#3	2444.429	26786.49	2797.113	1880.117	3310.853

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-17 Acquired: 12/10/2024 22:08:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0307214	.0098293	.0406349	-.032512	-.016872	13.42612
Stddev	.0034024	.0008793	.0009979	.002494	.000644	.07654
%RSD	11.07487	8.945640	2.455848	7.670636	3.816916	.5700603
#1	.0268195	.0101632	.0414960	-.031184	-.016814	13.48133
#2	.0330687	.0088320	.0408676	-.030963	-.016259	13.33875
#3	.0322760	.0104928	.0395412	-.035389	-.017543	13.45828

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0860405	.0016220	.0009556	F 895.3996	.0360215	.0658004
Stddev	.0013200	.0000763	.0000602	3.6584	.0004899	.0006756
%RSD	1.534226	4.703005	6.296387	.4085785	1.359972	1.026762
#1	.0845293	.0015353	.0009717	895.0798	.0355464	.0665575
#2	.0866234	.0016789	.0008890	891.9115	.0359933	.0655852
#3	.0869686	.0016518	.0010060	899.2074	.0365249	.0652587

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0622326	59.65248	1.809240	245.0488	.0741047	-.006787
Stddev	.0037595	.27070	.013036	1.4959	.0015565	.001168
%RSD	6.041048	.4537893	.7205475	.6104688	2.100409	17.21398
#1	.0665734	59.47241	1.797652	244.5307	.0758704	-.005515
#2	.0601083	59.52125	1.806713	243.8808	.0735121	-.007812
#3	.0600162	59.96378	1.823355	246.7349	.0729315	-.007035

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1657682	.0648093	.1444119	.6898003	1.556688	-.139540
Stddev	.1047554	.0100491	.0085919	.0919333	.006111	.004197
%RSD	63.19388	15.50565	5.949598	13.32753	.3925790	3.007801
#1	.2788603	.0631622	.1406975	.6592369	1.558647	-.143097
#2	.1463882	.0556855	.1542361	.6170414	1.549837	-.134911
#3	.0720561	.0755802	.1383020	.7931226	1.561579	-.140613

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-17 Acquired: 12/10/2024 22:08:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069514	1.050717	2.538472	.0098025	.5578147	.6090963
Stddev	.0000349	.006185	.033047	.0022632	.0028363	.0037071
%RSD	.5019713	.5886060	1.301850	23.08758	.5084731	.6086254
#1	.0069877	1.047707	2.545545	.0120356	.5558513	.6086316
#2	.0069484	1.046614	2.502462	.0075104	.5565263	.6056435
#3	.0069181	1.057830	2.567411	.0098616	.5610666	.6130139

Elem	Li6707
Units	ppm
Avg	-.048150
Stddev	.003271
%RSD	6.792960
#1	-.045114
#2	-.047722
#3	-.051613

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2398.379	26221.53	2747.628	1850.155	3247.002
Stddev	3.101	94.80	22.460	9.849	6.544
%RSD	.1292888	.3615408	.8174427	.5323187	.2015363
#1	2396.079	26311.39	2748.601	1858.350	3240.139
#2	2401.906	26122.46	2769.586	1839.229	3253.171
#3	2397.152	26230.73	2724.697	1852.885	3247.697

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-18 Acquired: 12/10/2024 22:12:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0156034	.0082365	.0560621	-.024257	-.017930	20.59076
Stddev	.0001259	.0019692	.0040706	.005722	.001502	.30215
%RSD	.8066775	23.90800	7.260943	23.59031	8.375567	1.467430
#1	.0157480	.0059743	.0514289	-.018640	-.019240	20.24623
#2	.0155439	.0091689	.0590643	-.030079	-.018258	20.81071
#3	.0155184	.0095664	.0576931	-.024053	-.016291	20.71533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874474	.0021687	.0016069	F 1114.627	.0600806	.0759319
Stddev	.0011178	.0000578	.0000728	15.737	.0011191	.0001039
%RSD	1.278235	2.665725	4.533601	1.411880	1.862670	.1368211
#1	.0864896	.0021046	.0015593	1096.756	.0587927	.0758904
#2	.0871770	.0022170	.0015707	1126.414	.0608152	.0758553
#3	.0886756	.0021845	.0016908	1120.711	.0606340	.0760502

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1052562	72.04411	2.124693	246.4150	.1198976	-.008966
Stddev	.0034476	.90193	.025679	2.9261	.0010199	.000902
%RSD	3.275442	1.251914	1.208578	1.187472	.8506741	10.05829
#1	.1058455	71.00418	2.095998	243.2454	.1196927	-.008560
#2	.1083712	72.61293	2.145509	249.0133	.1189956	-.008338
#3	.1015520	72.51522	2.132572	246.9865	.1210044	-.009999

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.033192	.0966968	.2195057	1.304995	3.404902	-.168978
Stddev	.701135	.0040197	.0051187	.153740	.011038	.006613
%RSD	2112.390	4.157004	2.331929	11.78086	.3241876	3.913459
#1	.619254	.0921535	.2253971	1.378561	3.393376	-.161343
#2	.055708	.0997910	.2161472	1.408128	3.405952	-.172761
#3	-.774537	.0981460	.2169730	1.128294	3.415378	-.172831

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-18 Acquired: 12/10/2024 22:12:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064169	1.809662	3.020064	.0057200	.6505888	.8460484
Stddev	.0005024	.004571	.043038	.0019400	.0050498	.0106127
%RSD	7.828795	.2525987	1.425065	33.91622	.7761890	1.254382
#1	.0064683	1.804791	2.972873	.0079247	.6448266	.8347764
#2	.0068915	1.810337	3.057150	.0042740	.6526965	.8558480
#3	.0058908	1.813859	3.030170	.0049613	.6542434	.8475207

Elem	Li6707
Units	ppm
Avg	-.029583
Stddev	.000993
%RSD	3.356248
#1	-.030624
#2	-.029478
#3	-.028647

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2481.318	27065.68	2891.468	1914.530	3222.849
Stddev	4.394	71.67	33.143	10.073	2.294
%RSD	.1770978	.2647937	1.146240	.5261083	.0711734
#1	2482.707	27017.92	2926.380	1905.035	3224.859
#2	2484.851	27031.04	2860.435	1913.461	3220.350
#3	2476.398	27148.09	2887.589	1925.095	3223.338

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-19 Acquired: 12/10/2024 22:16:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069896	.0105753	.0418495	-.031417	-.014880	21.98533
Stddev	.0038848	.0021735	.0028472	.003880	.001347	.07285
%RSD	55.58015	20.55272	6.803503	12.35003	9.050907	.3313568
#1	.0113605	.0123550	.0412943	-.026944	-.013581	21.94225
#2	.0039306	.0112181	.0393208	-.033423	-.014788	22.06944
#3	.0056777	.0081529	.0449334	-.033883	-.016270	21.94429

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1076652	.0022764	.0009516	F 912.1194	.0558455	.0824911
Stddev	.0011338	.0000555	.0001050	3.2781	.0002883	.0004633
%RSD	1.053109	2.439899	11.03793	.3593907	.5161914	.5616752
#1	.1089171	.0023099	.0009416	909.6378	.0559303	.0820431
#2	.1067073	.0023070	.0010613	915.8355	.0555244	.0829684
#3	.1073713	.0022123	.0008520	910.8848	.0560819	.0824620

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0613054	82.36128	2.207317	171.6629	.0996014	-.008078
Stddev	.0050988	.33923	.008595	.7171	.0012618	.000101
%RSD	8.317029	.4118744	.3894072	.4177586	1.266815	1.245931
#1	.0582924	82.29298	2.197864	171.0429	.1005929	-.008003
#2	.0584314	82.72946	2.214664	172.4483	.0981811	-.008038
#3	.0671924	82.06140	2.209421	171.4976	.1000303	-.008192

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0746234	.0798063	.1856135	.4358914	2.631357	-.210591
Stddev	.4140892	.0068237	.0017591	.1012315	.012885	.005583
%RSD	554.9054	8.550361	.9476947	23.22402	.4896804	2.651323
#1	.1317228	.0864614	.1876077	.5122577	2.617428	-.213324
#2	.4571997	.0801319	.1842822	.4743498	2.633792	-.214281
#3	-.365052	.0728256	.1849506	.3210665	2.642851	-.204167

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-19 Acquired: 12/10/2024 22:16:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049260	1.627724	2.567342	.0027959	.7941515	.7550811
Stddev	.0002954	.002360	.032249	.0006290	.0071097	.0042374
%RSD	5.996538	.1449643	1.256106	22.49681	.8952516	.5611885
#1	.0050229	1.626812	2.568561	.0030009	.7869717	.7513128
#2	.0051607	1.625956	2.598964	.0032969	.8011888	.7596681
#3	.0045943	1.630403	2.534501	.0020900	.7942939	.7542624

Elem	Li6707
Units	ppm
Avg	-.039361
Stddev	.002693
%RSD	6.842417
#1	-.039576
#2	-.041940
#3	-.036567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2499.031	27435.18	2863.917	1949.765	3340.711
Stddev	5.795	87.14	25.547	13.267	7.184
%RSD	.2318741	.3176369	.8920364	.6804620	.2150300
#1	2497.433	27513.48	2870.617	1963.136	3342.161
#2	2505.457	27450.75	2835.687	1949.557	3347.059
#3	2494.203	27341.30	2885.446	1936.603	3332.913

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-20 Acquired: 12/10/2024 22:20:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215388	.0109708	.0460766	-.039749	-.018453	17.43764
Stddev	.0029978	.0035866	.0010116	.001116	.000915	.15550
%RSD	13.91810	32.69241	2.195425	2.806732	4.961200	.8917629
#1	.0234862	.0120429	.0457277	-.038483	-.017650	17.29405
#2	.0230436	.0138992	.0472165	-.040590	-.018258	17.60280
#3	.0180867	.0069704	.0452857	-.040174	-.019450	17.41608

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0640456	.0017830	.0013480	F 1202.538	.0471446	.0791032
Stddev	.0010926	.0000154	.0000784	9.543	.0006208	.0002712
%RSD	1.705974	.8644309	5.816394	.7935860	1.316740	.3428460
#1	.0627974	.0017671	.0013424	1193.253	.0476931	.0791446
#2	.0648287	.0017978	.0014291	1212.320	.0464707	.0793513
#3	.0645108	.0017841	.0012726	1202.042	.0472700	.0788137

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0759993	65.21113	2.403930	281.4331	.0907548	-.006568
Stddev	.0048271	.62985	.011212	2.4379	.0013048	.001308
%RSD	6.351525	.9658680	.4664211	.8662298	1.437690	19.91286
#1	.0736855	64.57125	2.392852	279.1729	.0917834	-.007216
#2	.0815477	65.83045	2.415272	284.0164	.0911940	-.005062
#3	.0727646	65.23171	2.403666	281.1101	.0892872	-.007425

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.260688	.0809847	.1585067	1.121188	2.470238	-.150861
Stddev	.422638	.0094406	.0083360	.132076	.022233	.001202
%RSD	162.1244	11.65731	5.259056	11.78003	.9000249	.7969169
#1	-.029459	.0903312	.1670770	1.025394	2.495806	-.151739
#2	-.748489	.0714527	.1504268	1.066315	2.459457	-.149491
#3	-.004115	.0811702	.1580163	1.271856	2.455451	-.151353

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-20 Acquired: 12/10/2024 22:20:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072568	1.326566	2.953279	.0053587	.5499018	.8966101
Stddev	.0002448	.015706	.013917	.0006997	.0024648	.0057356
%RSD	3.373493	1.183933	.4712499	13.05810	.4482238	.6396973
#1	.0075388	1.343123	2.937443	.0056777	.5498496	.8914295
#2	.0071328	1.311879	2.963566	.0058421	.5474636	.9027737
#3	.0070988	1.324697	2.958829	.0045563	.5523923	.8956271

Elem	Li6707
Units	ppm
Avg	-.039757
Stddev	.002575
%RSD	6.477213
#1	-.042420
#2	-.037281
#3	-.039569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2423.940	26486.73	2803.902	1875.822	3202.645
Stddev	7.425	66.02	17.438	7.438	13.388
%RSD	.3063241	.2492664	.6219131	.3964988	.4180192
#1	2417.603	26419.72	2823.451	1867.597	3188.147
#2	2422.106	26488.77	2789.949	1877.795	3205.247
#3	2432.110	26551.71	2798.306	1882.074	3214.540

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-21 Acquired: 12/10/2024 22:23:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262139	.0084099	.0478192	-.036764	-.015592	18.58558
Stddev	.0009983	.0003694	.0034606	.001415	.002059	.06373
%RSD	3.808227	4.392296	7.236768	3.848892	13.20420	.3429228
#1	.0273115	.0080472	.0500688	-.036835	-.013815	18.52223
#2	.0259700	.0083968	.0495544	-.038143	-.015113	18.58483
#3	.0253601	.0087856	.0438343	-.035315	-.017848	18.64969

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774765	.0020705	.0013392	F 1125.040	.0517297	.0812152
Stddev	.0010708	.0001145	.0001049	.935	.0000505	.0002167
%RSD	1.382153	5.528723	7.829130	.0831241	.0976323	.2667875
#1	.0778802	.0021124	.0013596	1124.430	.0517688	.0813777
#2	.0762624	.0021582	.0014324	1126.116	.0516727	.0809692
#3	.0782867	.0019410	.0012257	1124.573	.0517478	.0812986

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0936555	70.99390	2.499183	246.9159	.0969306	-.007411
Stddev	.0022353	.11100	.009084	1.0513	.0013687	.000921
%RSD	2.386686	.1563467	.3634855	.4257720	1.412024	12.43104
#1	.0950618	70.90439	2.508856	247.8203	.0953627	-.007502
#2	.0948268	70.95922	2.497859	247.1650	.0978867	-.006447
#3	.0910780	71.11810	2.490833	245.7625	.0975423	-.008283

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.082384	.0894665	.1724730	1.470479	2.214514	-.167200
Stddev	.071150	.0057826	.0015323	.117960	.008042	.006205
%RSD	86.36427	6.463393	.8884141	8.021882	.3631437	3.710910
#1	-.161306	.0838570	.1723633	1.384465	2.205539	-.165556
#2	-.023153	.0954079	.1709985	1.604951	2.216938	-.161982
#3	-.062693	.0891346	.1740572	1.422022	2.221065	-.174061

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4976-21 Acquired: 12/10/2024 22:23:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME29F5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121288	1.436713	2.221512	.0067012	.6038692	.8664220
Stddev	.0000879	.013062	.015737	.0005164	.0036176	.0028991
%RSD	.7249554	.9091778	.7083950	7.705949	.5990644	.3346027
#1	.0121598	1.422196	2.226736	.0061280	.5996997	.8695873
#2	.0120295	1.447517	2.203827	.0071300	.6061731	.8657828
#3	.0121969	1.440426	2.233972	.0068457	.6057349	.8638958

Elem	Li6707
Units	ppm
Avg	-.040756
Stddev	.004429
%RSD	10.86813
#1	-.036888
#2	-.045588
#3	-.039793

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.386	26588.64	2813.149	1879.711	3209.284
Stddev	5.515	177.57	2.918	11.713	9.462
%RSD	.2281406	.6678443	.1037215	.6231195	.2948369
#1	2417.628	26629.96	2812.091	1881.256	3218.010
#2	2411.754	26394.06	2816.448	1867.303	3199.227
#3	2422.776	26741.91	2810.907	1890.575	3210.614

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-14 Acquired: 12/10/2024 22:27:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0768519	.0056387	5.172371	-.014854	-.002792	52.19065
Stddev	.0065193	.0041054	.006163	.002332	.001545	.10197
%RSD	8.482992	72.80762	.1191496	15.69874	55.34672	.1953842
#1	.0710757	.0103724	5.165721	-.017305	-.003798	52.19106
#2	.0755594	.0034928	5.173502	-.014593	-.003565	52.08847
#3	.0839207	.0030510	5.177890	-.012663	-.001013	52.29242

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.501758	.0051032	.0070887	233.9806	.1215557	.0926835
Stddev	.006637	.0000358	.0001269	.3739	.0003222	.0008239
%RSD	.2652769	.7013705	1.790280	.1598090	.2650359	.8889749
#1	2.502095	.0051440	.0071199	234.3198	.1213086	.0925950
#2	2.494959	.0050771	.0069491	233.5797	.1214385	.0919073
#3	2.508219	.0050885	.0071970	234.0424	.1219201	.0935480

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4908595	133.3113	5.218872	81.56640	.1408925	-.009581
Stddev	.0042871	.3543	.007434	.19205	.0004098	.000736
%RSD	.8733954	.2657457	.1424537	.2354545	.2908216	7.681425
#1	.4956365	133.5441	5.216117	81.51078	.1405142	-.010282
#2	.4895959	132.9036	5.227291	81.78012	.1408356	-.009647
#3	.4873463	133.4862	5.213209	81.40830	.1413278	-.008815

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8198461	.1476877	2.223199	3.885789	F 10.31062	-.326990
Stddev	.4240683	.0059101	.016443	.052005	.03483	.007958
%RSD	51.72535	4.001751	.7396218	1.338334	.3378290	2.433607
#1	.4009900	.1535541	2.241995	3.930879	10.27122	-.318052
#2	.8096072	.1477742	2.211476	3.828897	10.33733	-.333304
#3	1.248941	.1417349	2.216126	3.897590	10.32330	-.329614

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-14 Acquired: 12/10/2024 22:27:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035449	3.392898	10.70560	.1310760	.9451286	.2858058
Stddev	.0001912	.017148	.04099	.0004621	.0060680	.0005432
%RSD	5.393947	.5054228	.3829203	.3525732	.6420282	.1900727
#1	.0035727	3.382687	10.65907	.1307837	.9516586	.2863868
#2	.0033412	3.412697	10.73640	.1308356	.9396637	.2853105
#3	.0037206	3.383312	10.72133	.1316088	.9440635	.2857202

Elem	Li6707
Units	ppm
Avg	.0180616
Stddev	.0006251
%RSD	3.460862
#1	.0184479
#2	.0173405
#3	.0183966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.676	30134.08	3031.871	2115.396	3540.274
Stddev	4.533	65.63	16.044	.543	2.762
%RSD	.1672459	.2177781	.5291847	.0256815	.0780152
#1	2707.418	30209.77	3049.757	2115.609	3537.452
#2	2708.756	30092.99	3018.745	2115.801	3542.972
#3	2715.853	30099.50	3027.113	2114.779	3540.396

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-15 Acquired: 12/10/2024 22:31:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0760937	.0042610	5.182937	-.016329	-.001888	51.75453
Stddev	.0035773	.0013292	.033256	.002646	.002931	.57540
%RSD	4.701145	31.19374	.6416520	16.20274	155.1887	1.111788
#1	.0747829	.0057954	5.144593	-.016013	.000252	52.10804
#2	.0801415	.0035241	5.200292	-.019119	-.000689	52.06497
#3	.0733567	.0034635	5.203925	-.013856	-.005228	51.09058

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.491391	.0050232	.0072317	231.8667	.1209036	.0927266
Stddev	.032914	.0001824	.0001304	2.7554	.0006951	.0006052
%RSD	1.321124	3.630714	1.802727	1.188339	.5749148	.6527011
#1	2.513420	.0048606	.0071074	233.1400	.1206112	.0920362
#2	2.507199	.0052204	.0072202	233.7551	.1204024	.0931654
#3	2.453555	.0049887	.0073674	228.7049	.1216971	.0929783

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4878136	132.0494	5.141823	80.51122	.1405366	-.010854
Stddev	.0122038	1.4399	.068461	1.19419	.0011728	.000660
%RSD	2.501737	1.090454	1.331446	1.483255	.8345197	6.076379
#1	.4962090	132.8502	5.171199	80.78407	.1392057	-.010852
#2	.4934175	132.9109	5.190693	81.54537	.1414187	-.010196
#3	.4738144	130.3871	5.063577	79.20422	.1409855	-.011515

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9009751	.1436621	2.215294	3.883049	F 10.33030	-.322246
Stddev	.3320695	.0058887	.005529	.154971	.07063	.001516
%RSD	36.85668	4.098985	.2496059	3.990955	.6837226	.4705110
#1	1.279348	.1457067	2.218259	3.868248	10.24880	-.321949
#2	.765601	.1370237	2.218709	3.736010	10.36846	-.323889
#3	.657976	.1482561	2.208914	4.044889	10.37364	-.320900

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-15 Acquired: 12/10/2024 22:31:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037491	3.399251	10.57067	.1315106	.9343032	.2807642
Stddev	.0004084	.022252	.09984	.0005843	.0132558	.0044723
%RSD	10.89401	.6546003	.9445375	.4442609	1.418786	1.592912
#1	.0035257	3.374017	10.58943	.1312772	.9410873	.2822742
#2	.0042205	3.407676	10.65980	.1321755	.9427939	.2842860
#3	.0035011	3.416059	10.46277	.1310791	.9190285	.2757323

Elem	Li6707
Units	ppm
Avg	.0157417
Stddev	.0019812
%RSD	12.58556
#1	.0138221
#2	.0177792
#3	.0156239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2716.472	30309.58	3079.826	2130.179	3541.175
Stddev	9.682	121.93	36.833	5.586	14.629
%RSD	.3564172	.4022756	1.195939	.2622205	.4131242
#1	2727.241	30169.03	3061.123	2125.874	3557.706
#2	2708.487	30372.78	3056.098	2136.491	3529.897
#3	2713.688	30386.94	3122.258	2128.173	3535.923

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-14LX5 Acquired: 12/10/2024 22:35:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143539	.0025450	1.051739	-.000284	-.002324	11.57249	.5557310
Stddev	.0008349	.0015157	.001816	.002436	.001694	.04652	.0035718
%RSD	5.816867	59.55774	.1726884	859.1845	72.88386	.4019610	.6427187
#1	.0148176	.0024035	1.050756	-.003081	-.004124	11.52527	.5527535
#2	.0133900	.0011050	1.050627	.001372	-.002085	11.57393	.5547482
#3	.0148541	.0041265	1.053835	.000859	-.000762	11.61827	.5596913

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011413	.0014629	52.54977	.0274222	.0309248	.1128779	29.94919
Stddev	.0000346	.0000135	.37301	.0003554	.0002873	.0022579	.28285
%RSD	3.035080	.9237730	.7098296	1.296094	.9288914	2.000287	.9444216
#1	.0011610	.0014736	52.12869	.0270186	.0312446	.1154783	29.73450
#2	.0011013	.0014674	52.68186	.0275595	.0306886	.1117400	29.84337
#3	.0011616	.0014477	52.83878	.0276884	.0308414	.1114153	30.26969

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.173678	18.26515	.0272726	-.002557	-.131217	.0267686	.4984918
Stddev	.012945	.10954	.0010961	.000937	.509614	.0049329	.0067948
%RSD	1.102925	.5997174	4.019040	36.63370	388.3757	18.42782	1.363068
#1	1.162917	18.21208	.0281252	-.001854	.403338	.0317069	.4938266
#2	1.170074	18.19225	.0260362	-.002195	-.185435	.0218412	.5062875
#3	1.188043	18.39112	.0276566	-.003620	-.611553	.0267579	.4953611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2483479	2.051740	-.081863	-.000426	.6740660	2.515381	.0259245
Stddev	.0365618	.005440	.003139	.000040	.0057180	.016886	.0018700
%RSD	14.72201	.2651416	3.834338	9.353742	.8482864	.6713186	7.213346
#1	.2464730	2.054088	-.085294	-.000472	.6806557	2.521501	.0242071
#2	.2127596	2.045520	-.079135	-.000408	.6704132	2.496288	.0256496
#3	.2858111	2.055611	-.081161	-.000399	.6711292	2.528354	.0279168

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-14LX5 Acquired: 12/10/2024 22:35:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2156842	.0633843	-.056885
Stddev	.0020013	.0003978	.002712
%RSD	.9279038	.6275430	4.768186
#1	.2133969	.0629963	-.054098
#2	.2165422	.0633655	-.059516
#3	.2171135	.0637912	-.057043

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2580.923	28479.73	2818.312	2002.781	3826.762
Stddev	8.680	82.54	14.171	6.134	11.462
%RSD	.3363000	.2898368	.5028202	.3062941	.2995329
#1	2590.437	28498.55	2816.312	2008.873	3839.229
#2	2573.437	28389.40	2833.377	1996.605	3824.376
#3	2578.895	28551.24	2805.247	2002.865	3816.680

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-16 Acquired: 12/10/2024 22:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1562442	.0937917	5.264206	.1328407	.1544531	55.54123
Stddev	.0023678	.0006512	.009121	.0015038	.0014509	.09163
%RSD	1.515418	.6942840	.1732622	1.132043	.9393997	.1649777
#1	.1589111	.0945250	5.253774	.1318784	.1549312	55.64440
#2	.1543893	.0935691	5.268166	.1320701	.1528234	55.50998
#3	.1554321	.0932809	5.270678	.1345736	.1556046	55.46931

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.039082	.0920205	.0990207	235.0656	.4945863	1.062428
Stddev	.015422	.0002517	.0000827	.3301	.0013491	.001102
%RSD	.2553723	.2735576	.0834976	.1404140	.2727657	.1037058
#1	6.055246	.0917309	.0990542	235.2550	.4936451	1.061156
#2	6.037471	.0921433	.0989265	235.2574	.4961319	1.063040
#3	6.024528	.0921872	.0990813	234.6845	.4939819	1.063088

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9081794	134.8839	6.111934	81.93588	1.118843	.0550910
Stddev	.0074113	.3745	.017967	.50116	.000256	.0009669
%RSD	.8160597	.2776232	.2939629	.6116451	.0228673	1.755123
#1	.9015151	135.0447	6.091432	81.35748	1.119134	.0558840
#2	.9161610	135.1511	6.124933	82.20932	1.118740	.0540138
#3	.9068621	134.4559	6.119437	82.24084	1.118655	.0553751

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7750085	1.035106	3.008667	3.780508	F 10.41824	-.336081
Stddev	.0850896	.001463	.020908	.086762	.01609	.001065
%RSD	10.97918	.1413136	.6949188	2.294985	.1544512	.3167512
#1	.7412677	1.035400	2.990205	3.757872	10.40585	-.334974
#2	.8717939	1.033518	3.031370	3.876344	10.41245	-.337097
#3	.7119639	1.036399	3.004427	3.707307	10.43643	-.336172

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-16 Acquired: 12/10/2024 22:39:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH91S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035065	3.441273	10.68466	.1321867	.9564531	.2874552
Stddev	.0002514	.006676	.00644	.0007167	.0050159	.0003958
%RSD	7.169788	.1939968	.0602803	.5421909	.5244278	.1377006
#1	.0036051	3.440375	10.68150	.1327462	.9578667	.2871018
#2	.0032208	3.435092	10.69207	.1313788	.9606105	.2873808
#3	.0036937	3.448352	10.68042	.1324351	.9508821	.2878829

Elem	Li6707
Units	ppm
Avg	.0156538
Stddev	.0036048
%RSD	23.02823
#1	.0127749
#2	.0196968
#3	.0144897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2710.584	29981.60	3053.671	2108.626	3533.408
Stddev	6.224	51.01	4.595	5.724	5.894
%RSD	.2296145	.1701361	.1504636	.2714749	.1668174
#1	2704.775	29923.10	3052.422	2106.918	3526.604
#2	2717.153	30016.78	3058.761	2115.010	3536.966
#3	2709.825	30004.92	3049.830	2103.950	3536.653

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-12DLX2 Acquired: 12/10/2024 22:43:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0170966	.0101845	1.385479	-.027505	-.011549	17.69437	.5374278
Stddev	.0041578	.0027666	.003342	.001108	.003052	.06928	.0008424
%RSD	24.31923	27.16507	.2412044	4.028134	26.42954	.3915372	.1567518
#1	.0216130	.0069936	1.383523	-.028734	-.014101	17.69754	.5373384
#2	.0162486	.0116474	1.383575	-.026581	-.008168	17.62356	.5366337
#3	.0134282	.0119126	1.389337	-.027202	-.012380	17.76201	.5383114

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016300	.0050272	485.2444	.0594113	.0538854	.1433623	48.85468
Stddev	.0000599	.0001014	1.9114	.0004241	.0004697	.0077503	.19600
%RSD	3.676408	2.016867	.3939029	.7137980	.8717330	5.406079	.4011922
#1	.0016583	.0049654	485.4024	.0597874	.0544275	.1478270	48.75022
#2	.0015612	.0051442	483.2589	.0594947	.0536003	.1344131	48.73305
#3	.0016705	.0049720	487.0719	.0589517	.0536283	.1478469	49.08079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.272298	247.0565	.0764426	-.002836	.2842653	.0611423	1.398123
Stddev	.018422	.9131	.0010892	.000616	.3579433	.0065547	.013264
%RSD	.5629554	.3696067	1.424790	21.73795	125.9187	10.72043	.9487221
#1	3.275216	247.2607	.0774508	-.003295	.5621253	.0535746	1.413427
#2	3.252592	246.0586	.0765894	-.003077	.4103236	.0648188	1.389933
#3	3.289087	247.8503	.0752875	-.002135	-.119653	.0650336	1.391009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.570047	3.539531	-.103190	.0009788	6.964202	6.236439	.0433801
Stddev	.028435	.007369	.002690	.0001923	.021130	.038237	.0004335
%RSD	1.811102	.2081775	2.606357	19.64540	.3034034	.6131222	.9992471
#1	1.586279	3.536048	-.105281	.0011837	6.946621	6.206420	.0432530
#2	1.537214	3.534550	-.104133	.0009506	6.958342	6.223410	.0438629
#3	1.586648	3.547995	-.100156	.0008022	6.987643	6.279488	.0430244

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4880-12DLX2 Acquired: 12/10/2024 22:43:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHH89 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3692680	.2011401	-.046321
Stddev	.0020511	.0010318	.002791
%RSD	.5554447	.5129925	6.024249
#1	.3691026	.2020695	-.047298
#2	.3713968	.2000298	-.048492
#3	.3673047	.2013210	-.043174

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2442.045	26990.79	2797.319	1908.254	3318.007
Stddev	6.217	81.14	5.601	12.539	8.072
%RSD	.2545819	.3006056	.2002207	.6570721	.2432884
#1	2445.089	26908.82	2798.239	1899.751	3321.137
#2	2434.893	26992.46	2802.403	1902.356	3308.838
#3	2446.154	27071.07	2791.316	1922.653	3324.045

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-02 Acquired: 12/10/2024 22:46:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1158708	.0067790	3.453736	-.000651	.0004069	72.10707
Stddev	.0007295	.0014592	.006275	.004800	.0012342	.44471
%RSD	.6296027	21.52485	.1816879	737.4738	303.3041	.6167343
#1	.1162518	.0051585	3.460831	-.000275	-.000816	71.62787
#2	.1163309	.0071897	3.451461	-.005628	.000385	72.18686
#3	.1150297	.0079887	3.448915	.003951	.001652	72.50649

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.331339	.0063553	.0101885	152.0334	.1551525	.1252908
Stddev	.014447	.0001031	.0000725	.8042	.0007092	.0010757
%RSD	.6196841	1.621687	.7116956	.5289528	.4570949	.8585757
#1	2.314847	.0063035	.0102496	151.1564	.1555420	.1257081
#2	2.337410	.0062884	.0101084	152.2078	.1555814	.1240690
#3	2.341760	.0064740	.0102074	152.7361	.1543339	.1260954

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4579089	187.7899	12.18021	36.90516	.2179714	-.013236
Stddev	.0055565	1.0925	.10490	.10106	.0014476	.000829
%RSD	1.213455	.5817427	.8612408	.2738308	.6641073	6.259842
#1	.4521627	186.5388	12.10481	36.87473	.2178923	-.012586
#2	.4583100	188.2760	12.13581	36.82281	.2165650	-.014169
#3	.4632540	188.5550	12.30001	37.01793	.2194569	-.012954

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6700862	.1817898	2.281144	12.93221	F 23.32303	-.458083
Stddev	.2990597	.0068211	.010120	.02580	.07778	.002165
%RSD	44.63003	3.752197	.4436152	.1995101	.3334950	.4726229
#1	.8079705	.1800821	2.274891	12.90247	23.41274	-.456142
#2	.8753296	.1759848	2.292819	12.94545	23.27448	-.457689
#3	.3269587	.1893025	2.275722	12.94869	23.28186	-.460418

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-02 Acquired: 12/10/2024 22:46:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059678	4.919730	8.754117	.1823251	1.310986	.1986922
Stddev	.0001010	.021339	.065288	.0015404	.010671	.0013428
%RSD	1.692361	.4337522	.7457997	.8448689	.8139521	.6758364
#1	.0059410	4.942094	8.709906	.1837409	1.300767	.1975694
#2	.0060795	4.917507	8.723340	.1806847	1.310134	.1983275
#3	.0058830	4.899589	8.829105	.1825498	1.322058	.2001797

Elem	Li6707
Units	ppm
Avg	.0256056
Stddev	.0028207
%RSD	11.01582
#1	.0223489
#2	.0271921
#3	.0272758

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3031.574	33579.30	3412.623	2382.952	3618.944
Stddev	11.949	166.77	19.294	12.759	12.918
%RSD	.3941395	.4966338	.5653837	.5354251	.3569638
#1	3026.461	33449.75	3426.146	2378.775	3608.162
#2	3045.228	33520.70	3421.194	2372.805	3633.262
#3	3023.032	33767.46	3390.528	2397.276	3615.409

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-03 Acquired: 12/10/2024 22:50:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212827	.0050905	3.408955	-.004005	.0011709	72.24084
Stddev	.0011085	.0023814	.004852	.000886	.0022801	.16066
%RSD	.9139800	46.78102	.1423293	22.13004	194.7278	.2223980
#1	.1212597	.0073650	3.404476	-.004547	-.000257	72.13728
#2	.1201858	.0052916	3.414109	-.004487	.003800	72.42592
#3	.1224024	.0026150	3.408280	-.002983	-.000031	72.15932

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.325609	.0064470	.0101329	150.8689	.1548602	.1242082
Stddev	.007199	.0001716	.0000538	.2972	.0003833	.0006775
%RSD	.3095568	2.661686	.5307407	.1970067	.2474842	.5454718
#1	2.317582	.0062578	.0100794	150.8859	.1544365	.1234269
#2	2.331494	.0064908	.0101869	151.1572	.1551827	.1245635
#3	2.327750	.0065925	.0101325	150.5635	.1549615	.1246342

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4562113	187.3063	12.08289	36.36022	.2152237	-.014005
Stddev	.0091298	.2402	.03053	.03856	.0004556	.001034
%RSD	2.001214	.1282537	.2526973	.1060569	.2116770	7.386141
#1	.4590527	187.1880	12.09689	36.40213	.2157269	-.013524
#2	.4635824	187.5828	12.10392	36.35230	.2148392	-.015193
#3	.4459987	187.1482	12.04787	36.32623	.2151052	-.013299

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9147972	.1812417	2.264571	12.91115	F 22.96912	-.452884
Stddev	1.022741	.0026850	.023477	.11193	.02793	.009588
%RSD	111.7998	1.481461	1.036704	.8669435	.1215810	2.117007
#1	-.171880	.1829307	2.291663	12.78282	22.93711	-.452011
#2	1.057700	.1826489	2.250221	12.96201	22.98853	-.443763
#3	1.858572	.1781456	2.251827	12.98862	22.98172	-.462878

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-03 Acquired: 12/10/2024 22:50:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062942	4.818780	8.758232	.1795541	1.303688	.1968124
Stddev	.0001825	.010295	.013636	.0015782	.007313	.0014884
%RSD	2.899601	.2136493	.1556901	.8789731	.5609206	.7562601
#1	.0062905	4.813795	8.763983	.1785690	1.311198	.1983572
#2	.0061136	4.811926	8.742663	.1787189	1.303276	.1966922
#3	.0064785	4.830619	8.768050	.1813744	1.296590	.1953877

Elem	Li6707
Units	ppm
Avg	.0268716
Stddev	.0009359
%RSD	3.482716
#1	.0261818
#2	.0264961
#3	.0279369

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3014.321	33433.82	3383.454	2362.932	3614.714
Stddev	12.066	53.45	7.225	6.041	12.044
%RSD	.4002834	.1598805	.2135499	.2556399	.3331933
#1	3022.890	33373.78	3375.685	2357.118	3626.520
#2	3019.550	33476.23	3389.973	2369.176	3615.176
#3	3000.523	33451.46	3384.704	2362.503	3602.445

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-02LX5 Acquired: 12/10/2024 22:54:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0219213	.0037280	.6939128	.0020434	-.001635	17.38895	.5576250
Stddev	.0014718	.0035283	.0040961	.0010877	.000928	.02787	.0021417
%RSD	6.714078	94.64219	.5902840	53.23288	56.75258	.1602880	.3840691
#1	.0213640	.0002145	.6905275	.0026731	-.000765	17.42028	.5600956
#2	.0208095	.0072709	.6927450	.0007873	-.002612	17.36691	.5562944
#3	.0235903	.0036988	.6984659	.0026696	-.001529	17.37966	.5564852

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015977	.0019388	36.52300	.0375510	.0355316	.1161207	45.50407
Stddev	.0000725	.0001703	.06404	.0003300	.0005626	.0042511	.15674
%RSD	4.535003	8.785214	.1753288	.8787303	1.583448	3.660944	.3444500
#1	.0016741	.0018544	36.59653	.0371726	.0361392	.1203884	45.62246
#2	.0015890	.0021348	36.47951	.0377015	.0350287	.1160875	45.56343
#3	.0015300	.0018271	36.49295	.0377789	.0354267	.1118863	45.32632

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.947279	8.825785	.0425796	-.003915	-.569574	.0412212	.5451300
Stddev	.015930	.107193	.0007901	.000396	.314877	.0086384	.0065754
%RSD	.5404874	1.214547	1.855516	10.11869	55.28284	20.95622	1.206215
#1	2.964176	8.823991	.0433926	-.004365	-.538654	.0495187	.5515700
#2	2.945125	8.933864	.0418146	-.003618	-.271298	.0418669	.5453930
#3	2.932536	8.719499	.0425315	-.003762	-.898771	.0322781	.5384270

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.391176	4.645649	-.114512	.0005119	.9651304	2.237856	.0371933
Stddev	.166246	.009589	.002520	.0003767	.0075026	.016437	.0002063
%RSD	6.952466	.2064158	2.200981	73.59152	.7773625	.7345010	.5546120
#1	2.341130	4.655268	-.112046	.0000835	.9728459	2.229445	.0373032
#2	2.255703	4.636089	-.117084	.0006609	.9578606	2.256797	.0373214
#3	2.576696	4.645589	-.114407	.0007914	.9646848	2.227328	.0369554

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-02LX5 Acquired: 12/10/2024 22:54:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3187000	.0466030	-.057409
Stddev	.0025159	.0005107	.001060
%RSD	.7894405	1.095949	1.846130
#1	.3211133	.0471790	-.056193
#2	.3188941	.0464245	-.057900
#3	.3160927	.0462054	-.058134

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2622.171	29087.30	2857.952	2046.991	3837.728
Stddev	2.865	37.80	15.285	7.106	3.099
%RSD	.1092654	.1299541	.5348378	.3471535	.0807436
#1	2624.848	29046.43	2845.417	2041.783	3840.407
#2	2622.515	29121.01	2853.459	2044.104	3838.443
#3	2619.149	29094.45	2874.981	2055.087	3834.334

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-04 Acquired: 12/10/2024 22:58:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1924513	.0932737	3.441985	.1302796	.1408151	75.27971
Stddev	.0016847	.0007207	.015624	.0033236	.0021094	.31805
%RSD	.8754102	.7727014	.4539186	2.551099	1.497966	.4224844
#1	.1912484	.0934337	3.441514	.1336153	.1432365	75.06005
#2	.1943768	.0924865	3.426602	.1269683	.1393765	75.64442
#3	.1917287	.0939010	3.457839	.1302553	.1398322	75.13466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.579634	.0869556	.1015263	149.9653	.4981135	1.110257
Stddev	.022067	.0006890	.0005409	.4617	.0013722	.003149
%RSD	.3954866	.7923817	.5327833	.3078536	.2754782	.2836042
#1	5.564116	.0875402	.1014227	149.8206	.4974187	1.111641
#2	5.604895	.0871307	.1010447	150.4820	.4972276	1.106654
#3	5.569891	.0861959	.1021115	149.5934	.4996941	1.112477

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8321025	187.3227	12.83088	35.96298	1.209336	.0447724
Stddev	.0038404	.8983	.08754	.41699	.004455	.0008771
%RSD	.4615269	.4795269	.6822253	1.159486	.3683913	1.959080
#1	.8286420	187.0362	12.87657	36.09477	1.210958	.0445868
#2	.8362342	188.3293	12.88612	36.29814	1.204298	.0457274
#3	.8314311	186.6027	12.72996	35.49602	1.212754	.0440029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5261439	1.000497	3.024231	12.81113	F 22.87325	-.447710
Stddev	.1756239	.013586	.010378	.09871	.06055	.009130
%RSD	33.37944	1.357954	.3431494	.7704787	.2647267	2.039272
#1	.7276610	.987172	3.021337	12.82984	22.87396	-.455243
#2	.4057165	1.014331	3.015607	12.89914	22.81235	-.450331
#3	.4450541	.999987	3.035748	12.70441	22.93344	-.437556

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4905-04 Acquired: 12/10/2024 22:58:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHA6S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059626	4.830121	9.094536	.1782453	1.314739	.1944210
Stddev	.0000911	.012988	.098467	.0017220	.009315	.0013850
%RSD	1.526963	.2688970	1.082700	.9660733	.7084791	.7123652
#1	.0058617	4.827004	9.156652	.1797434	1.322178	.1954577
#2	.0059874	4.818975	9.145952	.1763640	1.317745	.1949571
#3	.0060386	4.844384	8.981005	.1786285	1.304292	.1928480

Elem	Li6707
Units	ppm
Avg	.0250733
Stddev	.0003469
%RSD	1.383692
#1	.0247862
#2	.0249749
#3	.0254588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3010.604	33159.79	3346.585	2344.055	3615.782
Stddev	12.434	246.85	17.193	13.557	16.509
%RSD	.4129955	.7444192	.5137475	.5783630	.4565780
#1	2998.198	33356.19	3344.234	2356.440	3602.048
#2	3023.065	33240.49	3330.688	2346.154	3634.098
#3	3010.549	32882.69	3364.833	2329.570	3611.200

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV093 Acquired: 12/10/2024 23:02:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.922014	4.856015	24.62699	4.707846	4.806947	397.6391
Stddev	.017473	.012731	.07432	.009293	.016591	.7906
%RSD	.3549989	.2621622	.3017969	.1973908	.3451438	.1988199
#1	4.931746	4.861357	24.62754	4.712950	4.811591	397.6399
#2	4.932453	4.865204	24.70103	4.713468	4.820721	398.4293
#3	4.901841	4.841484	24.55239	4.697120	4.788529	396.8481

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.00056	.4997943	2.477963	403.0076	15.44890	2.511584
Stddev	.00806	.0031033	.007604	1.3197	.05084	.008883
%RSD	.0806262	.6209239	.3068570	.3274512	.3290776	.3536872
#1	10.00986	.4996954	2.479733	402.5324	15.48645	2.512586
#2	9.99628	.5029458	2.484526	404.4990	15.46919	2.519924
#3	9.99555	.4967415	2.469631	401.9913	15.39105	2.502243

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.94271	401.6436	14.58495	399.9893	2.497045	1.238374
Stddev	.05554	1.4348	.01917	1.6896	.005904	.001868
%RSD	.3717022	.3572324	.1314521	.4224069	.2364260	.1508313
#1	14.93622	401.5649	14.57547	398.8728	2.497732	1.240129
#2	15.00121	403.1162	14.60702	401.9331	2.502575	1.238583
#3	14.89069	400.2498	14.57238	399.1621	2.490828	1.236411

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	396.1874	2.518365	13.87224	151.2175	4.959292	F 4.120720
Stddev	1.9593	.013288	.09524	.0898	.012203	.025424
%RSD	.4945379	.5276576	.6865327	.0593641	.2460704	.6169869
#1	395.7943	2.523124	13.76737	151.2681	4.957800	4.107681
#2	398.3134	2.528619	13.95335	151.2705	4.972173	4.150019
#3	394.4544	2.503352	13.89599	151.1138	4.947903	4.104462

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV093 Acquired: 12/10/2024 23:02:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.784341	4.986897	4.845800	4.947847	4.971802	4.784939
Stddev	.012485	.032490	.033289	.018616	.019449	.021424
%RSD	.2609618	.6515028	.6869628	.3762499	.3911818	.4477343
#1	4.793370	5.016440	4.855850	4.953973	4.959202	4.773274
#2	4.789559	4.992149	4.872906	4.962629	4.994201	4.809664
#3	4.770093	4.952101	4.808644	4.926940	4.962003	4.771879

Elem	Li6707
Units	ppm
Avg	5.055516
Stddev	.012237
%RSD	.2420586
#1	5.043369
#2	5.055338
#3	5.067842

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2131.460	24509.36	2635.239	1619.713	3144.817
Stddev	1.181	82.57	19.524	8.163	5.023
%RSD	.0553896	.3368804	.7408728	.5039887	.1597188
#1	2132.631	24470.95	2635.265	1624.551	3149.697
#2	2131.479	24453.00	2615.702	1610.288	3139.663
#3	2130.270	24604.14	2654.749	1624.300	3145.091

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB093 Acquired: 12/10/2024 23:05:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000017	.0006205	.0000364	.0049154	-.000246	-.002976
Stddev	.004187	.0008602	.0005247	.0008953	.000116	.009334
%RSD	25354.71	138.6377	1443.634	18.21482	47.28098	313.6895
#1	-.004792	.0015931	.0003173	.0058640	-.000345	.000425
#2	.003028	.0003086	-.000569	.0040852	-.000118	.004182
#3	.001714	-.000040	.000361	.0047968	-.000275	-.013533

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004451	-.000075	.0001585	.0511098	-.000703	.0001655
Stddev	.000582	.000054	.0000286	.0195261	.000771	.0001618
%RSD	13.08364	71.50525	18.04187	38.20421	109.6150	97.79412
#1	-.004530	-.000049	.0001272	.0300778	-.000640	.0002640
#2	-.003833	-.000039	.0001648	.0545896	.000034	-.000021
#3	-.004990	-.000137	.0001833	.0686621	-.001504	.000254

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061164	.0400290	.0003858	-.001602	-.000376	-.000472
Stddev	.0041966	.0125918	.0012513	.054484	.000298	.001152
%RSD	68.61282	31.45669	324.2926	3400.568	79.18325	244.3846
#1	.0100646	.0300601	-.000545	-.042032	-.000093	-.000462
#2	.0065754	.0541796	.001808	-.023132	-.000687	.000676
#3	.0017091	.0358473	-.000106	.060358	-.000349	-.001629

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.902265	.0009501	-.001867	-.680949	-.001540	.0110505
Stddev	.566755	.0050381	.005239	.062931	.001046	.0013339
%RSD	62.81468	530.2374	280.6948	9.241610	67.87754	12.07067
#1	-1.03608	.0001609	.003666	-.718039	-.002584	.0111076
#2	-.28058	.0063362	-.002514	-.608288	-.001544	.0123548
#3	-1.39013	-.003647	-.006752	-.716520	-.000493	.0096889

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB093 Acquired: 12/10/2024 23:05:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB093 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000492	.0009657	-.001254	F -.009886	.0051956	.0001850
Stddev	.000166	.0034983	.000688	.001306	.0037273	.0002443
%RSD	33.68875	362.2603	54.86738	13.20891	71.73873	132.0471
#1	-.000330	.0035162	-.002003	-.011371	.0088987	.0004610
#2	-.000483	-.003022	-.000650	-.008918	.0052435	.0000972
#3	-.000661	.002403	-.001109	-.009368	.0014446	-.000003

Elem	Li6707
Units	ppm
Avg	F -.059361
Stddev	.002914
%RSD	4.909095
#1	-.060881
#2	-.056001
#3	-.061200

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2547.833	28242.38	2765.150	1994.898	3980.024
Stddev	3.694	130.00	.484	8.981	5.911
%RSD	.1450041	.4602878	.0175146	.4501948	.1485252
#1	2550.137	28219.29	2765.522	1996.704	3983.469
#2	2543.571	28125.47	2764.603	1985.152	3973.199
#3	2549.790	28382.37	2765.327	2002.839	3983.406

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4907-01A Acquired: 12/10/2024 23:09:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHE1A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1097028	.0055845	1.468670	.0390791	-.005686	90.11370
Stddev	.0045619	.0008251	.005427	.0013696	.001788	.11370
%RSD	4.158381	14.77534	.3695376	3.504732	31.45307	.1261700
#1	.1092816	.0049851	1.473718	.0403492	-.007591	90.13017
#2	.1144607	.0065255	1.469363	.0392602	-.004043	90.21827
#3	.1053661	.0052427	1.462930	.0376280	-.005425	89.99267

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.872534	F 2.866450	.0096526	275.6316	.1545729	.1291605
Stddev	.003594	.016865	.0000553	.3711	.0003866	.0003715
%RSD	.1919253	.5883686	.5730021	.1346204	.2501151	.2876103
#1	1.875424	2.852562	.0096590	275.5198	.1541473	.1293811
#2	1.873669	2.861571	.0097044	276.0457	.1549026	.1293687
#3	1.868510	2.885217	.0095944	275.3294	.1546687	.1287316

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.532689	167.1622	9.826365	77.39768	.2243696	-.012759
Stddev	.011081	.4594	.039844	.41172	.0006377	.000984
%RSD	.7230064	.2748239	.4054759	.5319536	.2842082	7.715107
#1	1.542641	167.5185	9.780787	76.92441	.2245717	-.013879
#2	1.520747	167.3245	9.854583	77.67336	.2248817	-.012369
#3	1.534678	166.6437	9.843725	77.59527	.2236554	-.012030

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4409036	.2002629	4.011823	11.96986	F 17.56405	-.402741
Stddev	.3628734	.0015897	.030469	.22659	.02556	.002981
%RSD	82.30220	.7938281	.7594786	1.893026	.1455139	.7401549
#1	.4583837	.2018067	3.979679	11.72492	17.58213	-.399391
#2	.7947210	.2003512	4.040281	12.01265	17.57520	-.405100
#3	.0696061	.1986309	4.015509	12.17200	17.53481	-.403734

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4907-01A Acquired: 12/10/2024 23:09:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHE1A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038812	4.630822	8.101451	.0955700	.9379934	.2526134
Stddev	.0001190	.010623	.040510	.0005841	.0034617	.0013792
%RSD	3.066520	.2293873	.5000368	.6111960	.3690534	.5459733
#1	.0040185	4.632365	8.059397	.0962440	.9339978	.2511042
#2	.0038067	4.640589	8.104740	.0952557	.9400901	.2529275
#3	.0038185	4.619513	8.140217	.0952103	.9398923	.2538084

Elem	Li6707
Units	ppm
Avg	.0726861
Stddev	.0015931
%RSD	2.191710
#1	.0719832
#2	.0745098
#3	.0715654

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.404	33891.28	3503.411	2395.182	3470.931
Stddev	2.270	146.90	4.953	5.585	4.064
%RSD	.0736109	.4334316	.1413755	.2331912	.1170799
#1	3084.416	33838.18	3509.014	2393.721	3472.182
#2	3080.805	33778.32	3501.602	2390.472	3466.389
#3	3084.992	34057.35	3499.616	2401.353	3474.222

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-04A Acquired: 12/10/2024 23:13:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1500882	.0051879	5.069676	.0409782	-.002201	91.49626
Stddev	.0043540	.0003842	.008596	.0015514	.001970	.41802
%RSD	2.900973	7.405476	.1695618	3.785908	89.48295	.4568748
#1	.1465516	.0049334	5.079600	.0417774	-.003971	91.57649
#2	.1487618	.0056298	5.064523	.0419670	-.000079	91.86835
#3	.1549511	.0050005	5.064906	.0391901	-.002554	91.04393

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.080004	.0080308	.0184250	180.6300	.2051855	.1275241
Stddev	.016695	.0000752	.0001359	.8393	.0000780	.0001710
%RSD	.5420356	.9364559	.7373835	.4646693	.0380360	.1341252
#1	3.078451	.0081153	.0185267	181.0707	.2051653	.1273266
#2	3.097421	.0080062	.0182707	181.1571	.2052716	.1276194
#3	3.064140	.0079710	.0184777	179.6621	.2051195	.1276262

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.741121	193.5576	12.54300	38.11442	.2409316	-.011676
Stddev	.013199	.7213	.04702	.18782	.0005214	.000717
%RSD	.7580499	.3726391	.3749088	.4927819	.2164053	6.141308
#1	1.746572	194.0659	12.58084	38.33096	.2404782	-.012148
#2	1.750721	193.8748	12.55781	38.01668	.2415013	-.010851
#3	1.726070	192.7321	12.49035	37.99563	.2408153	-.012029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417576	.2214253	7.551910	11.26671	F 17.25252	-.480659
Stddev	.806010	.0060120	.063285	.14234	.05165	.002210
%RSD	56.85832	2.715143	.8380020	1.263405	.2993904	.4598504
#1	.538641	.2149478	7.505228	11.20565	17.25994	-.482563
#2	1.591984	.2225017	7.623940	11.42940	17.19756	-.478235
#3	2.122103	.2268265	7.526563	11.16509	17.30006	-.481179

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-04A Acquired: 12/10/2024 23:13:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHJ4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123158	4.425299	11.85512	.3543577	1.654800	.3456611
Stddev	.0000958	.004493	.07008	.0007631	.010582	.0019810
%RSD	.7778162	.1015396	.5911301	.2153321	.6394992	.5731167
#1	.0123598	4.427605	11.92719	.3543992	1.643859	.3465192
#2	.0122059	4.420121	11.78721	.3535748	1.664983	.3470686
#3	.0123816	4.428171	11.85096	.3550992	1.655558	.3433957

Elem	Li6707
Units	ppm
Avg	.0572325
Stddev	.0015382
%RSD	2.687589
#1	.0566864
#2	.0589693
#3	.0560420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2954.202	32706.23	3294.195	2310.454	3619.398
Stddev	7.178	108.63	20.374	13.780	5.290
%RSD	.2429704	.3321341	.6184852	.5964224	.1461493
#1	2952.882	32697.40	3272.748	2307.462	3615.554
#2	2961.948	32602.28	3296.546	2298.415	3625.431
#3	2947.775	32819.00	3313.292	2325.484	3617.209

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-14 Acquired: 12/10/2024 23:17:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.2435263	.0104867	1.529701	.0006362	.0027644	82.86702
Stddev	.0051512	.0028307	.007178	.0014454	.0005186	.46135
%RSD	2.115269	26.99338	.4692567	227.2134	18.76081	.5567349
#1	.2494338	.0109046	1.537423	-.000814	.0024931	82.95212
#2	.2399716	.0130852	1.523231	.000646	.0033624	82.36904
#3	.2411735	.0074702	1.528451	.002077	.0024377	83.27989

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.094954	.0083819	.0088881	169.5468	.1314796	.1668895
Stddev	.021020	.0000241	.0001096	.6622	.0004682	.0005643
%RSD	.6791810	.2878381	1.233173	.3905966	.3560761	.3381290
#1	3.093015	.0083677	.0089117	169.8297	.1320175	.1675382
#2	3.074970	.0084097	.0089839	168.7902	.1311639	.1665119
#3	3.116877	.0083682	.0087686	170.0207	.1312573	.1666185

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4132097	288.8567	26.53730	34.53315	.2484011	-.022756
Stddev	.0045025	1.6115	.06718	.08883	.0012252	.000316
%RSD	1.089635	.5578973	.2531462	.2572188	.4932504	1.386495
#1	.4123222	289.6562	26.57328	34.62606	.2491337	-.022415
#2	.4092171	287.0018	26.45979	34.44907	.2469866	-.023037
#3	.4180898	289.9122	26.57882	34.52431	.2490828	-.022817

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.902477	.2296551	1.312454	11.82340	F 22.12028	-.729289
Stddev	.261436	.0057463	.016719	.07480	.11669	.009990
%RSD	13.74186	2.502139	1.273846	.6326308	.5275059	1.369832
#1	2.111432	.2235981	1.293401	11.82559	22.24227	-.740207
#2	1.609315	.2350298	1.324670	11.74753	22.00975	-.727055
#3	1.986686	.2303375	1.319292	11.89708	22.10883	-.720605

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-14 Acquired: 12/10/2024 23:17:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096551	4.214244	8.110236	.0736795	.8469967	.0014605
Stddev	.0004271	.025473	.053294	.0009590	.0013284	.0007066
%RSD	4.423975	.6044484	.6571195	1.301637	.1568405	48.37862
#1	.0101461	4.243201	8.167202	.0742229	.8466778	.0008216
#2	.0093690	4.195297	8.101912	.0725722	.8458567	.0022193
#3	.0094503	4.204233	8.061594	.0742435	.8484555	.0013405

Elem	Li6707
Units	ppm
Avg	.0285718
Stddev	.0011004
%RSD	3.851469
#1	.0274963
#2	.0285233
#3	.0296956

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3258.134	36040.31	3674.087	2543.316	3583.038
Stddev	10.534	73.87	27.047	11.052	19.782
%RSD	.3233072	.2049734	.7361578	.4345375	.5520918
#1	3247.828	36012.25	3646.256	2546.164	3562.104
#2	3268.882	35984.58	3675.729	2531.119	3601.419
#3	3257.691	36124.10	3700.275	2552.664	3585.590

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-15 Acquired: 12/10/2024 23:21:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1504453	.0102477	.4645073	.0015831	-.004488	60.64463
Stddev	.0023279	.0026655	.0006033	.0014316	.002932	.20541
%RSD	1.547360	26.01036	.1298861	90.42898	65.32925	.3387126
#1	.1510832	.0099124	.4649266	.0022569	-.005413	60.60522
#2	.1478650	.0130649	.4638158	.0025534	-.006846	60.46178
#3	.1523879	.0077657	.4647795	-.000061	-.001205	60.86690

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.539587	.0059349	.0061064	160.5519	.1000251	.1349647
Stddev	.012882	.0001500	.0001204	.7109	.0002336	.0005364
%RSD	.5072300	2.527941	1.972182	.4428020	.2335207	.3974716
#1	2.531844	.0059000	.0059729	160.5593	.1002331	.1345728
#2	2.532460	.0060993	.0061398	159.8373	.1000698	.1347452
#3	2.554457	.0058054	.0062067	161.2591	.0997724	.1355761

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2135585	236.0050	25.63509	43.89311	.1848019	-.019307
Stddev	.0050339	.9889	.11228	.25458	.0016953	.000811
%RSD	2.357164	.4190376	.4379754	.5800096	.9173543	4.198187
#1	.2111406	235.7868	25.64774	43.90589	.1835205	-.020243
#2	.2193452	235.1435	25.51702	43.63237	.1841609	-.018848
#3	.2101898	237.0849	25.74050	44.14106	.1867242	-.018831

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8326182	.2023533	.7240492	8.960560	F 14.15042	-.578049
Stddev	.3241302	.0019735	.0034183	.130707	.06044	.002386
%RSD	38.92903	.9752921	.4721144	1.458696	.4271251	.4127254
#1	1.112115	.2044895	.7275229	8.999510	14.09981	-.580756
#2	.477297	.2005978	.7239358	8.814806	14.13412	-.577139
#3	.908442	.2019727	.7206890	9.067366	14.21734	-.576252

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-15 Acquired: 12/10/2024 23:21:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041967	2.114952	8.809509	.0641825	.5661281	-.025480
Stddev	.0001037	.004013	.040001	.0014049	.0069146	.000854
%RSD	2.471956	.1897441	.4540681	2.188923	1.221385	3.353429
#1	.0040963	2.114450	8.819468	.0629479	.5635420	-.024497
#2	.0041905	2.111214	8.843590	.0638884	.5608792	-.026044
#3	.0043035	2.119193	8.765470	.0657111	.5739629	-.025898

Elem	Li6707
Units	ppm
Avg	.0041610
Stddev	.0032987
%RSD	79.27778
#1	.0044591
#2	.0073005
#3	.0007233

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3071.210	34214.61	3432.411	2401.163	3611.638
Stddev	5.912	69.84	7.460	14.792	9.018
%RSD	.1924880	.2041227	.2173472	.6160299	.2496806
#1	3074.327	34133.99	3428.179	2384.285	3614.139
#2	3074.910	34253.52	3428.029	2411.871	3619.140
#3	3064.392	34256.33	3441.025	2407.334	3601.633

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-16 Acquired: 12/10/2024 23:24:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1578375	-.000451	4.005919	.0083459	.0047607	85.77200
Stddev	.0028159	.001313	.011164	.0015981	.0010410	.05940
%RSD	1.784067	291.4377	.2786817	19.14795	21.86689	.0692515
#1	.1601285	.000526	4.002793	.0099170	.0037327	85.81051
#2	.1586903	-.001943	3.996652	.0067222	.0047352	85.80190
#3	.1546938	.000066	4.018313	.0083986	.0058143	85.70359

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.024696	.0077982	.0128871	69.29120	.1796999	.1547909
Stddev	.002707	.0000855	.0001394	.17310	.0003597	.0005649
%RSD	.1337145	1.095956	1.081477	.2498121	.2001432	.3649405
#1	2.025745	.0077228	.0127726	69.49106	.1796322	.1551804
#2	2.026721	.0078910	.0128464	69.18938	.1793789	.1541430
#3	2.021621	.0077807	.0130423	69.19315	.1800886	.1550493

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4995896	240.1350	13.11408	26.83088	.2648389	-.019371
Stddev	.0041065	.3978	.03061	.12112	.0010191	.000313
%RSD	.8219768	.1656613	.2334105	.4514261	.3847883	1.613494
#1	.4968119	240.5192	13.14784	26.80054	.2652189	-.019141
#2	.4976504	240.1611	13.10627	26.72782	.2636844	-.019244
#3	.5043066	239.7248	13.08814	26.96429	.2656133	-.019726

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8864716	.2198291	2.964630	10.44733	F 15.25486	-.608601
Stddev	.1948730	.0036053	.032787	.02453	.05606	.003667
%RSD	21.98299	1.640057	1.105945	.2348194	.3674649	.6025425
#1	.7060656	.2238734	2.999128	10.42795	15.26463	-.604462
#2	1.093147	.2169521	2.933875	10.43914	15.19456	-.611446
#3	.860203	.2186617	2.960887	10.47491	15.30539	-.609894

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-16 Acquired: 12/10/2024 23:24:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0401059	5.403632	8.642045	.1567335	1.480265	-.013407
Stddev	.0001081	.018119	.037703	.0016104	.002045	.000172
%RSD	.2695844	.3353180	.4362773	1.027448	.1381358	1.284509
#1	.0402211	5.405678	8.603711	.1582943	1.481828	-.013262
#2	.0400067	5.384576	8.679085	.1550778	1.481017	-.013361
#3	.0400898	5.420641	8.643338	.1568284	1.477951	-.013597

Elem	Li6707
Units	ppm
Avg	.0404497
Stddev	.0025384
%RSD	6.275403
#1	.0431623
#2	.0381318
#3	.0400549

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2972.218	32956.28	3279.394	2319.976	3692.332
Stddev	2.209	88.36	13.032	6.926	4.739
%RSD	.0743255	.2681117	.3973821	.2985332	.1283535
#1	2971.519	32864.50	3289.611	2312.226	3688.288
#2	2974.692	32963.58	3264.718	2322.141	3697.547
#3	2970.443	33040.77	3283.853	2325.560	3691.160

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-17 Acquired: 12/10/2024 23:28:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1688638	.0042640	4.538811	.0049499	.0006004	86.12696
Stddev	.0030626	.0013165	.022029	.0006005	.0009903	.38221
%RSD	1.813678	30.87454	.4853476	12.13120	164.9400	.4437732
#1	.1723128	.0057233	4.515784	.0051268	.0001976	86.26478
#2	.1664625	.0031657	4.540964	.0042809	.0017286	85.69496
#3	.1678161	.0039028	4.559684	.0054421	-.000125	86.42115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.003171	.0073201	.0136288	101.6678	.1858456	.1298726
Stddev	.012295	.0000767	.0001245	.3469	.0006707	.0007876
%RSD	.6137922	1.047252	.9133608	.3411804	.3608937	.6064444
#1	2.008259	.0072416	.0135243	101.7544	.1850713	.1293471
#2	1.989148	.0073238	.0135955	101.2858	.1862185	.1307782
#3	2.012105	.0073948	.0137665	101.9632	.1862469	.1294926

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5179856	188.7875	12.36300	44.02771	.2299185	-.015418
Stddev	.0088045	.9601	.04612	.25413	.0012074	.000770
%RSD	1.699768	.5085493	.3730701	.5772058	.5251324	4.993486
#1	.5276513	189.3741	12.38340	44.12548	.2296283	-.016289
#2	.5158821	187.6795	12.31020	43.73921	.2288828	-.015141
#3	.5104232	189.3087	12.39541	44.21843	.2312446	-.014826

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4690286	.2149247	3.061965	9.234027	F 13.99882	-.483768
Stddev	.1632463	.0047185	.017878	.131474	.07632	.001760
%RSD	34.80519	2.195408	.5838701	1.423801	.5452015	.3637545
#1	.5129263	.2109410	3.059348	9.383705	13.92094	-.481931
#2	.2883217	.2201355	3.045539	9.137214	14.00204	-.485439
#3	.6058377	.2136976	3.081007	9.181161	14.07348	-.483933

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-17 Acquired: 12/10/2024 23:28:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071959	3.646418	8.629418	.1451289	1.469539	.0458105
Stddev	.0002670	.022255	.001625	.0017625	.009157	.0001630
%RSD	3.710563	.6103219	.0188352	1.214459	.6231093	.3558990
#1	.0073720	3.623467	8.631185	.1461818	1.479245	.0457054
#2	.0068887	3.647880	8.629083	.1461108	1.461055	.0459983
#3	.0073272	3.667905	8.627987	.1430941	1.468316	.0457278

Elem	Li6707
Units	ppm
Avg	.0452735
Stddev	.0024244
%RSD	5.355128
#1	.0453328
#2	.0428199
#3	.0476677

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2976.184	32775.38	3301.410	2312.187	3689.900
Stddev	3.107	82.95	14.320	8.225	9.245
%RSD	.1043887	.2530906	.4337633	.3557256	.2505520
#1	2978.767	32747.73	3285.475	2321.521	3700.575
#2	2977.048	32868.63	3305.553	2309.038	3684.492
#3	2972.736	32709.79	3313.202	2306.002	3684.632

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-18 Acquired: 12/10/2024 23:32:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.2384633	.0028821	4.402554	.0040133	.0022522	87.91187
Stddev	.0020556	.0018954	.009987	.0027427	.0015771	.67941
%RSD	.8620283	65.76568	.2268456	68.33868	70.02469	.7728267
#1	.2365318	.0007799	4.411594	.0030902	.0037938	88.49123
#2	.2406239	.0034058	4.404236	.0070984	.0006419	87.16409
#3	.2382343	.0044605	4.391833	.0018513	.0023209	88.08029

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.475142	.0081648	.0221719	98.69878	.1642556	.1413954
Stddev	.022867	.0002318	.0001780	.79459	.0018500	.0007031
%RSD	.9238544	2.838586	.8030092	.8050626	1.126285	.4972587
#1	2.495683	.0084193	.0223190	99.31520	.1662972	.1421418
#2	2.450503	.0081091	.0222227	97.80202	.1637793	.1412988
#3	2.479240	.0079659	.0219740	98.97911	.1626904	.1407456

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5492051	243.8100	13.73610	29.31732	.2405148	-.018206
Stddev	.0016707	2.1492	.09926	.25645	.0009069	.000134
%RSD	.3041973	.8815190	.7225975	.8747334	.3770820	.7343180
#1	.5487596	245.1542	13.81100	29.58704	.2414812	-.018215
#2	.5478023	241.3312	13.62352	29.07661	.2403810	-.018335
#3	.5510534	244.9445	13.77377	29.28830	.2396822	-.018068

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5306382	.2289146	3.431889	9.488743	F 15.35700	-.645230
Stddev	.3549585	.0113682	.041788	.117476	.04509	.010223
%RSD	66.89275	4.966143	1.217631	1.238052	.2936285	1.584419
#1	.7457806	.2414698	3.454645	9.363124	15.39572	-.657012
#2	.7251942	.2259557	3.383662	9.507220	15.36777	-.638698
#3	.1209398	.2193184	3.457360	9.595885	15.30749	-.639981

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-18 Acquired: 12/10/2024 23:32:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092144	3.278429	8.665735	.1643076	1.438379	.1060995
Stddev	.0005590	.011697	.086168	.0003448	.010092	.0006341
%RSD	6.066259	.3567731	.9943555	.2098727	.7016170	.5976960
#1	.0096931	3.291816	8.765062	.1643718	1.447566	.1068303
#2	.0086001	3.273284	8.621132	.1639352	1.427577	.1057744
#3	.0093499	3.270188	8.611011	.1646158	1.439994	.1056939

Elem	Li6707
Units	ppm
Avg	.0427905
Stddev	.0022367
%RSD	5.227032
#1	.0452683
#2	.0421822
#3	.0409208

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2993.939	33228.01	3324.444	2347.306	3691.159
Stddev	21.331	290.37	21.359	23.838	27.530
%RSD	.7124873	.8738612	.6424851	1.015550	.7458437
#1	2976.400	32978.38	3300.140	2329.559	3667.674
#2	2987.732	33546.67	3340.228	2374.401	3684.347
#3	3017.686	33158.99	3332.964	2337.957	3721.456

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-19 Acquired: 12/10/2024 23:36:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.2110821	.0019076	2.481651	.0050443	.0014611	98.55344
Stddev	.0014613	.0015180	.001956	.0026306	.0026979	.23529
%RSD	.6922942	79.57798	.0788235	52.14919	184.6473	.2387452
#1	.2107227	.0024978	2.482739	.0077478	-.000721	98.34852
#2	.2126896	.0030419	2.482822	.0024933	.004478	98.81039
#3	.2098340	.0001831	2.479393	.0048917	.000627	98.50140

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.684679	.0082464	.0130827	84.76000	.1628458	.1502345
Stddev	.004828	.0002187	.0000739	.18130	.0005328	.0000773
%RSD	.2865896	2.651436	.5649225	.2139036	.3272019	.0514575
#1	1.682952	.0080758	.0130753	84.59961	.1633093	.1503087
#2	1.690133	.0081705	.0131600	84.95672	.1622636	.1501544
#3	1.680951	.0084929	.0130127	84.72367	.1629644	.1502403

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3896816	233.0840	15.49678	27.61757	.2187206	-.018086
Stddev	.0056091	.9111	.04061	.02072	.0009447	.001850
%RSD	1.439405	.3908896	.2620722	.0750156	.4319450	10.22886
#1	.3890595	232.4553	15.49620	27.63823	.2197816	-.016197
#2	.3844095	234.1289	15.45646	27.61768	.2179704	-.018165
#3	.3955759	232.6678	15.53768	27.59679	.2184098	-.019895

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4401451	.2458215	2.239305	9.378359	F 13.75229	-.633357
Stddev	.2383599	.0014531	.005026	.110663	.01381	.004616
%RSD	54.15483	.5911096	.2244438	1.179977	.1004520	.7288889
#1	.5229895	.2443232	2.240957	9.416790	13.76799	-.628454
#2	.1714169	.2472247	2.243298	9.464683	13.74198	-.633996
#3	.6260290	.2459168	2.233662	9.253605	13.74690	-.637621

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-19 Acquired: 12/10/2024 23:36:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071578	2.512133	8.680123	.1577147	1.431803	.0403907
Stddev	.0000284	.006491	.045425	.0014845	.001546	.0017171
%RSD	.3972410	.2583743	.5233175	.9412383	.1079857	4.251269
#1	.0071643	2.517867	8.628828	.1560659	1.432467	.0413510
#2	.0071824	2.513445	8.696283	.1581336	1.432906	.0384082
#3	.0071266	2.505086	8.715258	.1589448	1.430036	.0414127

Elem	Li6707
Units	ppm
Avg	.0329137
Stddev	.0039266
%RSD	11.92983
#1	.0284037
#2	.0355724
#3	.0347649

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3062.606	33850.52	3399.113	2402.671	3702.258
Stddev	10.260	140.50	3.723	9.181	9.332
%RSD	.3350022	.4150739	.1095351	.3821229	.2520564
#1	3059.694	33691.17	3402.984	2394.304	3698.202
#2	3074.008	33903.81	3398.797	2401.217	3712.932
#3	3054.118	33956.58	3395.558	2412.492	3695.641

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-20 Acquired: 12/10/2024 23:40:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1441673	.0065189	2.659313	-.011979	-.003593	63.11138
Stddev	.0016120	.0018695	.006411	.004521	.002111	.22944
%RSD	1.118123	28.67865	.2410911	37.74167	58.73905	.3635555
#1	.1426423	.0077512	2.651913	-.006996	-.003056	63.35522
#2	.1440055	.0074377	2.662808	-.013120	-.005921	63.07918
#3	.1458540	.0043678	2.663217	-.015819	-.001803	62.89973

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.492285	.0054230	.0064161	336.7828	.1311695	.1123473
Stddev	.010766	.0000055	.0001335	1.1067	.0003687	.0000945
%RSD	.7214188	.1022081	2.080482	.3286211	.2810962	.0841342
#1	1.504690	.0054176	.0063812	338.0441	.1315899	.1122948
#2	1.486781	.0054287	.0063035	336.3304	.1309009	.1122908
#3	1.485385	.0054229	.0065636	335.9739	.1310177	.1124565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3503276	165.5006	13.37413	28.76917	.1379014	-.013331
Stddev	.0065481	.5881	.02933	.13743	.0011987	.001587
%RSD	1.869132	.3553643	.2193364	.4777104	.8692680	11.90764
#1	.3502871	166.1664	13.40743	28.84777	.1383446	-.011970
#2	.3437998	165.2835	13.36286	28.84927	.1365442	-.015074
#3	.3568958	165.0519	13.35210	28.61048	.1388154	-.012948

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6624937	.1574187	1.687236	7.642807	F 10.62509	-.404245
Stddev	.6966755	.0031829	.011173	.044733	.01324	.003194
%RSD	105.1596	2.021945	.6622083	.5853007	.1246496	.7902276
#1	.6615626	.1537632	1.676268	7.592839	10.61119	-.407800
#2	-.033716	.1595769	1.686838	7.679127	10.63756	-.401615
#3	1.359634	.1589159	1.698603	7.656454	10.62651	-.403319

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-20 Acquired: 12/10/2024 23:40:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042354	2.425584	8.723867	.1960089	1.246470	.5603982
Stddev	.0000541	.009681	.084686	.0008331	.007057	.0011948
%RSD	1.277593	.3991132	.9707341	.4250497	.5661217	.2132084
#1	.0042797	2.425855	8.820144	.1952014	1.252490	.5613156
#2	.0041751	2.415770	8.660905	.1959598	1.248216	.5608320
#3	.0042515	2.435126	8.690552	.1968655	1.238704	.5590471

Elem	Li6707
Units	ppm
Avg	.0338900
Stddev	.0021303
%RSD	6.286008
#1	.0357790
#2	.0343099
#3	.0315809

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.093	31432.87	3204.601	2208.130	3556.438
Stddev	8.255	46.88	24.228	10.407	13.320
%RSD	.2903605	.1491383	.7560427	.4713180	.3745325
#1	2851.806	31415.21	3176.631	2199.256	3571.167
#2	2835.388	31486.01	3218.092	2219.585	3545.237
#3	2842.085	31397.39	3219.080	2205.550	3552.909

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-21 Acquired: 12/10/2024 23:43:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1251223	.0013910	.9164952	.0045831	.0015049	90.41106
Stddev	.0036317	.0032562	.0029972	.0029517	.0011464	.88240
%RSD	2.902544	234.0968	.3270309	64.40312	76.17934	.9759817
#1	.1283922	.0051491	.9130345	.0076345	.0023315	89.99079
#2	.1212135	-.000587	.9181940	.0017425	.0001962	91.42503
#3	.1257611	-.000389	.9182570	.0043723	.0019870	89.81737

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.258312	.0070117	.0048306	43.23767	.1162859	.1229664
Stddev	.009931	.0001870	.0000353	.38092	.0003680	.0001563
%RSD	.7892354	2.667370	.7300701	.8809839	.3164291	.1271046
#1	1.252201	.0068659	.0048445	43.08299	.1165300	.1230529
#2	1.269771	.0072226	.0047905	43.67159	.1164651	.1227860
#3	1.252965	.0069467	.0048568	42.95842	.1158627	.1230603

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2210344	208.8475	16.25036	21.44713	.1582758	-.019421
Stddev	.0100407	1.6409	.16607	.28413	.0001892	.000645
%RSD	4.542594	.7856851	1.021922	1.324792	.1195468	3.319980
#1	.2096426	208.2556	16.19074	21.37896	.1580675	-.018801
#2	.2285972	210.7023	16.43800	21.75915	.1583229	-.020088
#3	.2248634	207.5848	16.12233	21.20329	.1584370	-.019375

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.008234	.2159426	.7046468	6.985676	F 11.28660	-.535113
Stddev	.339305	.0059379	.0034511	.057186	.02251	.008667
%RSD	4120.877	2.749746	.4897628	.8186188	.1994462	1.619588
#1	.370984	.2098620	.7023460	7.049872	11.26439	-.535729
#2	-.112560	.2217266	.7086150	6.940184	11.28601	-.543455
#3	-.283126	.2162394	.7029794	6.966972	11.30940	-.526155

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-21 Acquired: 12/10/2024 23:43:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042146	1.695742	8.099552	.1779853	1.504767	-.002596
Stddev	.0002553	.008264	.089595	.0009497	.016833	.000529
%RSD	6.057057	.4873433	1.106171	.5336061	1.118671	20.39240
#1	.0044390	1.686364	8.072973	.1773808	1.496500	-.002987
#2	.0039369	1.701960	8.199429	.1774951	1.524135	-.001994
#3	.0042678	1.698902	8.026254	.1790800	1.493665	-.002807

Elem	Li6707
Units	ppm
Avg	.0212110
Stddev	.0038681
%RSD	18.23642
#1	.0172610
#2	.0213804
#3	.0249917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3049.425	33865.84	3356.678	2381.399	3737.246
Stddev	2.681	86.77	39.526	9.523	5.749
%RSD	.0879276	.2562267	1.177532	.3999030	.1538340
#1	3050.459	33770.62	3371.200	2371.281	3738.404
#2	3051.435	33886.47	3311.945	2382.728	3742.329
#3	3046.381	33940.45	3386.889	2390.188	3731.007

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-22 Acquired: 12/10/2024 23:47:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1153887	.0105242	2.010220	-.013594	-.004064	76.59253
Stddev	.0030915	.0027262	.010040	.004069	.000903	.26163
%RSD	2.679212	25.90387	.4994642	29.92841	22.22580	.3415884
#1	.1165487	.0136560	2.020938	-.018026	-.003021	76.51338
#2	.1118849	.0086823	2.001033	-.012726	-.004587	76.88460
#3	.1177323	.0092344	2.008689	-.010029	-.004585	76.37961

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.967801	.0069109	.0104735	385.9195	.1512023	.1290853
Stddev	.003286	.0000864	.0000650	1.3628	.0006153	.0006474
%RSD	.1669869	1.250712	.6207525	.3531283	.4069466	.5015485
#1	1.966414	.0069042	.0105407	385.0656	.1510769	.1298161
#2	1.971553	.0068281	.0104110	387.4912	.1506594	.1285833
#3	1.965435	.0070005	.0104689	385.2018	.1518707	.1288566

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3908420	191.7166	14.88132	108.6416	.2219050	-.018177
Stddev	.0036778	.5771	.07885	.8243	.0021465	.000978
%RSD	.9409932	.3010089	.5298641	.7587313	.9673005	5.377770
#1	.3866418	191.7131	14.81390	107.8304	.2239151	-.017828
#2	.3923987	192.2954	14.96802	109.4784	.2196441	-.019281
#3	.3934854	191.1413	14.86205	108.6159	.2221557	-.017422

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.176513	.1883600	4.509222	15.30938	F 20.01518	-.414689
Stddev	.488076	.0040490	.029652	.19189	.17361	.009559
%RSD	41.48500	2.149614	.6575950	1.253446	.8673956	2.305023
#1	1.320926	.1911513	4.505997	15.19750	20.19228	-.419656
#2	1.576087	.1902125	4.540356	15.53096	19.84528	-.403669
#3	.632525	.1837161	4.481314	15.19968	20.00796	-.420742

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4912-22 Acquired: 12/10/2024 23:47:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059229	6.697395	10.52623	.0958346	1.030704	.2281976
Stddev	.0002549	.057509	.07222	.0015267	.016501	.0020656
%RSD	4.303896	.8586778	.6860586	1.593066	1.600911	.9051917
#1	.0061636	6.753391	10.47122	.0967857	1.047343	.2259355
#2	.0056558	6.638484	10.49947	.0966445	1.030426	.2299837
#3	.0059493	6.700311	10.60801	.0940736	1.014345	.2286736

Elem	Li6707
Units	ppm
Avg	.0348360
Stddev	.0032265
%RSD	9.262056
#1	.0311202
#2	.0364587
#3	.0369290

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2874.857	31785.95	3278.597	2246.014	3388.363
Stddev	.692	98.23	20.170	2.389	11.560
%RSD	.0240663	.3090413	.6151998	.1063524	.3411703
#1	2875.017	31890.32	3300.223	2247.751	3376.723
#2	2874.099	31695.30	3275.273	2243.290	3399.842
#3	2875.455	31772.25	3260.296	2247.001	3388.523

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4914-11A Acquired: 12/10/2024 23:51:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6019463	-.001074	6.224898	-.001100	.0069288	78.32217
Stddev	.0033355	.000966	.006907	.000964	.0031218	.20980
%RSD	.5541236	89.95384	.1109500	87.57818	45.05486	.2678683
#1	.6050805	-.000061	6.230802	-.001965	.0058953	78.14242
#2	.5984405	-.001175	6.217303	-.000061	.0044548	78.27139
#3	.6023180	-.001986	6.226590	-.001275	.0104362	78.55270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.350706	.0067954	.0094187	86.86090	.2235648	.1161869
Stddev	.002178	.0000972	.0001080	.16209	.0023124	.0004657
%RSD	.0926741	1.430392	1.146579	.1866084	1.034327	.4008348
#1	2.349757	.0067928	.0095247	86.68550	.2227177	.1161603
#2	2.353198	.0066995	.0093088	86.89201	.2261813	.1157350
#3	2.349163	.0068939	.0094227	87.00517	.2217954	.1166653

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.511993	204.2722	7.836028	41.71150	.2117373	-.018867
Stddev	.010555	.2692	.031375	.13656	.0002693	.000795
%RSD	.6981055	.1317642	.4003900	.3273929	.1271990	4.212597
#1	1.501464	204.5086	7.801080	41.58215	.2115778	-.018798
#2	1.511939	203.9793	7.845233	41.69807	.2120482	-.019694
#3	1.522575	204.3288	7.861770	41.85428	.2115859	-.018109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.059096	.2262135	3.572822	9.318950	F 12.81052	-.501998
Stddev	.464558	.0057764	.052786	.068375	.03463	.007807
%RSD	43.86365	2.553511	1.477421	.7337206	.2702956	1.555111
#1	1.591241	.2237562	3.587478	9.244801	12.84494	-.494766
#2	.851596	.2328122	3.616731	9.379510	12.77569	-.500954
#3	.734451	.2220720	3.514257	9.332538	12.81092	-.510274

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4914-11A Acquired: 12/10/2024 23:51:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHK4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092626	6.376283	9.327179	.1217171	3.218554	.0955659
Stddev	.0000508	.028681	.093886	.0006950	.015898	.0017476
%RSD	.5478883	.4498149	1.006589	.5709616	.4939492	1.828649
#1	.0093166	6.385348	9.262167	.1218304	3.202803	.0936458
#2	.0092158	6.344164	9.284555	.1223484	3.218264	.0959886
#3	.0092554	6.399337	9.434817	.1209724	3.234595	.0970634

Elem	Li6707
Units	ppm
Avg	.0193695
Stddev	.0022378
%RSD	11.55337
#1	.0213313
#2	.0198451
#3	.0169321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2767.963	30853.92	3073.591	2171.149	3679.121
Stddev	4.957	392.70	19.781	25.630	6.508
%RSD	.1790723	1.272783	.6435830	1.180479	.1768802
#1	2769.817	30862.73	3092.229	2172.606	3675.590
#2	2762.346	30456.88	3075.707	2144.821	3675.142
#3	2771.725	31242.14	3052.837	2196.019	3686.631

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-08A Acquired: 12/10/2024 23:55:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0662506	.0040838	1.220860	.0838871	-.001180	81.87679
Stddev	.0009946	.0010396	.003949	.0040766	.003203	2.14249
%RSD	1.501350	25.45688	.3234401	4.859640	271.5687	2.616721
#1	.0652215	.0033412	1.222485	.0839081	.001342	79.42551
#2	.0672068	.0036382	1.223737	.0798000	-.004784	83.39172
#3	.0663236	.0052719	1.216358	.0879532	-.000097	82.81314

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8159960	.0059866	.0092206	165.9684	.1422741	.1143093
Stddev	.0210254	.0001791	.0001157	4.3214	.0007478	.0002627
%RSD	2.576650	2.991846	1.254815	2.603733	.5255712	.2297782
#1	.7918104	.0058109	.0093534	161.0565	.1430917	.1146117
#2	.8299212	.0061690	.0091421	169.1852	.1416250	.1141782
#3	.8262564	.0059798	.0091662	167.6635	.1421057	.1141379

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3457209	178.0477	8.634479	52.01074	.1963692	-.017771
Stddev	.0110721	4.6774	.218425	1.20773	.0008778	.000633
%RSD	3.202622	2.627042	2.529686	2.322075	.4470009	3.561149
#1	.3342545	172.6813	8.386162	50.62545	.1972863	-.018151
#2	.3465568	181.2592	8.796895	52.84242	.1955369	-.018122
#3	.3563514	180.2027	8.720380	52.56436	.1962844	-.017041

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7659238	.1935761	1.174520	8.237559	F 10.94069	-.449053
Stddev	.1023657	.0146780	.015832	.231181	.01378	.007277
%RSD	13.36500	7.582547	1.347935	2.806423	.1259101	1.620494
#1	.8670697	.1830489	1.159399	7.972777	10.94916	-.440936
#2	.7683213	.2103431	1.173183	8.399316	10.94812	-.454993
#3	.6623804	.1873364	1.190978	8.340585	10.92480	-.451230

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-08A Acquired: 12/10/2024 23:55:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM8A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021917	2.022880	9.970338	.0750577	1.458355	.1176392
Stddev	.0002780	.004052	.164446	.0017054	.037623	.0021544
%RSD	12.68515	.2003207	1.649351	2.272140	2.579804	1.831375
#1	.0024477	2.018763	9.788756	.0731873	1.419053	.1151794
#2	.0018960	2.026864	10.10923	.0765264	1.494036	.1191909
#3	.0022314	2.023013	10.01303	.0754594	1.461977	.1185473

Elem	Li6707
Units	ppm
Avg	.0376879
Stddev	.0020554
%RSD	5.453833
#1	.0365036
#2	.0400613
#3	.0364989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.303	32957.61	3354.490	2324.656	3632.692
Stddev	5.228	193.84	48.491	14.159	8.754
%RSD	.1747840	.5881460	1.445551	.6090684	.2409850
#1	2987.109	32924.48	3410.442	2328.013	3625.915
#2	2989.640	33165.89	3324.678	2336.834	3629.584
#3	2997.161	32782.48	3328.349	2309.120	3642.576

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-01 Acquired: 12/10/2024 23:58:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0687536	-.000326	1.845302	.0047845	.0101757	70.75124	.9600444
Stddev	.0014752	.002767	.005135	.0038307	.0012579	.34644	.0054263
%RSD	2.145635	848.4253	.2782530	80.06484	12.36145	.4896602	.5652101
#1	.0704519	-.001959	1.840617	.0006880	.0116277	71.04570	.9649043
#2	.0680193	-.001889	1.844497	.0082779	.0094823	70.83851	.9610393
#3	.0677897	.002869	1.850791	.0053877	.0094172	70.36951	.9541895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050430	.0041307	26.91781	.1279568	.0881046	.2098928	141.6137
Stddev	.0001409	.0000874	.08757	.0002326	.0004256	.0067527	.8151
%RSD	2.793002	2.114775	.3253322	.1817510	.4830752	3.217219	.5755881
#1	.0051240	.0041131	26.97846	.1282227	.0876737	.2131574	142.0511
#2	.0048804	.0040536	26.95755	.1278563	.0881155	.2143930	142.1166
#3	.0051246	.0042256	26.81741	.1277914	.0885247	.2021282	140.6732

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.980331	17.42621	.1316828	-.010282	-.018726	.1566030	.7319856
Stddev	.051857	.13434	.0007578	.000594	.157794	.0012826	.0036885
%RSD	.5195889	.7709051	.5754765	5.780902	842.6594	.8189954	.5039071
#1	10.02489	17.56200	.1322180	-.010370	.130307	.1579523	.7332856
#2	9.99269	17.42327	.1308157	-.010827	-.002462	.1564568	.7278231
#3	9.92341	17.29337	.1320148	-.009648	-.184022	.1553997	.7348481

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.890919	7.398335	-.300003	.0039240	1.014077	8.875414	.0773302
Stddev	.113022	.023090	.004884	.0000645	.001380	.084749	.0006122
%RSD	2.310860	.3121032	1.628105	1.644547	.1361283	.9548713	.7917063
#1	4.816334	7.380445	-.304145	.0039742	1.014668	8.971591	.0775371
#2	5.020958	7.390158	-.294617	.0038512	1.015064	8.811678	.0778121
#3	4.835466	7.424401	-.301247	.0039465	1.012500	8.842975	.0766413

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-01 Acquired: 12/10/2024 23:58:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.372574	-.035231	-.000357
Stddev	.005977	.000330	.004071
%RSD	.4354412	.9371103	1141.756
#1	1.379263	-.035386	-.005058
#2	1.370704	-.035455	.002012
#3	1.367756	-.034852	.001976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2794.589	31016.26	3075.665	2187.353	3835.510
Stddev	10.586	19.73	30.252	4.827	14.276
%RSD	.3788175	.0636100	.9835768	.2206913	.3721983
#1	2803.514	31014.17	3041.752	2184.336	3850.260
#2	2797.361	30997.65	3085.368	2184.802	3834.509
#3	2782.892	31036.95	3099.874	2192.921	3821.762

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-02 Acquired: 12/11/2024 0:02:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0932517	-.002120	2.785846	.0062337	.0023386	82.02826	.9825969
Stddev	.0057144	.000268	.008648	.0032386	.0008240	.20417	.0028510
%RSD	6.127952	12.64298	.3104130	51.95275	35.23423	.2489080	.2901541
#1	.0866893	-.002223	2.793476	.0025008	.0032744	81.88687	.9803144
#2	.0959364	-.001816	2.787611	.0079067	.0020195	81.93556	.9816836
#3	.0971294	-.002321	2.776453	.0082937	.0017218	82.26234	.9857927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058437	.0053298	36.21070	.1721987	.1008914	.2697108	170.4600
Stddev	.0000921	.0000818	.08973	.0006824	.0004756	.0021828	.1608
%RSD	1.575178	1.534828	.2477922	.3962618	.4713710	.8093018	.0943166
#1	.0059499	.0053526	36.12827	.1716437	.1013057	.2714308	170.3628
#2	.0057953	.0053978	36.19756	.1729606	.1009965	.2704464	170.3715
#3	.0057860	.0052390	36.30627	.1719919	.1003721	.2672553	170.6455

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.584743	25.68020	.1854639	-.013215	.3790116	.1752288	1.059237
Stddev	.008243	.06668	.0007476	.000429	.3271981	.0064508	.008587
%RSD	.0960226	.2596675	.4030947	3.243902	86.32932	3.681360	.8106456
#1	8.577522	25.71056	.1863268	-.013568	.7567666	.1679484	1.068085
#2	8.582982	25.72630	.1850521	-.013340	.1960080	.1802327	1.050939
#3	8.593724	25.60374	.1850127	-.012738	.1842602	.1775054	1.058686

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.781626	8.814694	-.456421	.0040105	1.234731	8.955857	.0884731
Stddev	.140594	.013302	.005093	.0000739	.002397	.038088	.0010797
%RSD	2.940293	.1509032	1.115750	1.843050	.1941232	.4252888	1.220409
#1	4.941739	8.827953	-.454344	.0039338	1.237136	8.933255	.0872982
#2	4.724795	8.814778	-.462223	.0040812	1.234714	8.999832	.0894218
#3	4.678344	8.801350	-.452694	.0040164	1.232342	8.934484	.0886994

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-02 Acquired: 12/11/2024 0:02:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.092756	-.051256	.0294500
Stddev	.003580	.000299	.0049768
%RSD	.3276550	.5830801	16.89935
#1	1.096550	-.051078	.0240694
#2	1.092284	-.051090	.0303920
#3	1.089436	-.051602	.0338885

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2901.869	32129.72	3190.711	2270.114	3853.299
Stddev	2.926	143.35	5.950	10.165	5.785
%RSD	.1008340	.4461495	.1864735	.4477942	.1501311
#1	2901.651	32214.06	3197.546	2274.965	3856.783
#2	2899.057	32210.88	3186.691	2276.945	3846.621
#3	2904.897	31964.20	3187.896	2258.432	3856.492

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-03 Acquired: 12/11/2024 0:06:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0722547	-.003108	.2991054	.0037355	.0043690	75.81715	.4778629
Stddev	.0021642	.001716	.0041118	.0028748	.0005992	.15671	.0012629
%RSD	2.995283	55.19520	1.374682	76.95928	13.71515	.2066959	.2642764
#1	.0743966	-.001761	.2947471	.0045432	.0048205	75.85162	.4764242
#2	.0700688	-.002523	.2996536	.0005432	.0036892	75.64608	.4787883
#3	.0722987	-.005040	.3029156	.0061201	.0045974	75.95376	.4783763

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068186	.0026971	19.87677	.1038376	.0973042	.1417930	176.7263
Stddev	.0001409	.0001138	.03361	.0005892	.0014062	.0018982	.4866
%RSD	2.066639	4.218791	.1691150	.5674599	1.445113	1.338702	.2753402
#1	.0069599	.0025708	19.83799	.1031572	.0957215	.1428877	177.2849
#2	.0068179	.0027292	19.89754	.1041759	.0977818	.1428901	176.3941
#3	.0066781	.0027914	19.89479	.1041797	.0984094	.1396012	176.5001

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.931230	19.56677	.1469518	-.017363	.4526814	.1590844	.3056910
Stddev	.028783	.12092	.0010605	.000549	.3098907	.0063116	.0058854
%RSD	.3629028	.6179680	.7216407	3.159827	68.45668	3.967432	1.925272
#1	7.938185	19.59693	.1458049	-.017904	.1915708	.1643899	.3114447
#2	7.899607	19.43362	.1478968	-.016807	.3713448	.1607588	.2996823
#3	7.955898	19.66975	.1471537	-.017377	.7951287	.1521045	.3059461

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.643521	3.658666	-.467209	.0038871	.3383924	9.561721	.0163218
Stddev	.041772	.033987	.007069	.0003029	.0055422	.090622	.0006923
%RSD	.6287620	.9289541	1.513004	7.792099	1.637795	.9477608	4.241390
#1	6.605426	3.619567	-.474259	.0040671	.3330638	9.656318	.0158724
#2	6.688190	3.675289	-.467247	.0040569	.3379876	9.553163	.0159739
#3	6.636948	3.681143	-.460121	.0035374	.3441259	9.475681	.0171190

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-03 Acquired: 12/11/2024 0:06:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8951687	-.102359	.0073860
Stddev	.0033806	.000299	.0004780
%RSD	.3776522	.2921120	6.472406
#1	.8920424	-.102442	.0075608
#2	.8947074	-.102608	.0077521
#3	.8987563	-.102027	.0068452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2882.376	31890.08	3139.848	2247.623	3880.110
Stddev	25.181	218.93	11.406	14.559	33.834
%RSD	.8736036	.6865051	.3632567	.6477334	.8719927
#1	2911.406	32138.19	3129.878	2259.419	3919.150
#2	2869.270	31807.98	3152.286	2252.097	3861.881
#3	2866.451	31724.07	3137.381	2231.352	3859.299

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-04 Acquired: 12/11/2024 0:10:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1155436	.0045421	.4595328	-.008144	-.002863	67.81636	.5324320
Stddev	.0036485	.0004243	.0032633	.001011	.001063	.18025	.0026250
%RSD	3.157638	9.342554	.7101247	12.41294	37.13387	.2657923	.4930128
#1	.1175570	.0042245	.4558993	-.008629	-.002135	68.01825	.5354380
#2	.1177418	.0050241	.4604850	-.008821	-.004083	67.67159	.5305923
#3	.1113321	.0043778	.4622140	-.006982	-.002370	67.75922	.5312657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065307	.0046474	111.1361	.1444572	.1378095	.2046853	167.1835
Stddev	.0000961	.0000740	.2946	.0008348	.0003773	.0043123	.5284
%RSD	1.470823	1.592209	.2651017	.5778658	.2738172	2.106781	.3160724
#1	.0064199	.0046572	111.4685	.1442139	.1374553	.2060842	167.7902
#2	.0065818	.0045690	110.9073	.1437711	.1377668	.1998472	166.9361
#3	.0065903	.0047160	111.0323	.1453866	.1382064	.2081244	166.8241

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.03683	19.60264	.2202172	-.017160	.2312649	.1510058	.3631345
Stddev	.02068	.06532	.0008211	.000730	.9134185	.0020162	.0085495
%RSD	.1717752	.3332422	.3728825	4.252038	394.9663	1.335192	2.354363
#1	12.05708	19.64753	.2195966	-.016443	-.679352	.1513448	.3613117
#2	12.01575	19.52769	.2211483	-.017902	.225688	.1528310	.3556434
#3	12.03766	19.63269	.2199067	-.017134	1.147459	.1488415	.3724484

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.489784	5.260820	-.419536	.0037840	.6201208	7.470364	.0198923
Stddev	.089893	.009354	.003578	.0001044	.0034912	.021914	.0008104
%RSD	1.385145	.1778095	.8527939	2.758716	.5629855	.2933407	4.074091
#1	6.406239	5.250287	-.420436	.0038347	.6212256	7.495156	.0196796
#2	6.478211	5.264014	-.415594	.0036640	.6162108	7.453583	.0207879
#3	6.584904	5.268159	-.422577	.0038534	.6229258	7.462353	.0192095

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-04 Acquired: 12/11/2024 0:10:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHL7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7775365	-.048897	.0119586
Stddev	.0005704	.000562	.0011508
%RSD	.0733608	1.149512	9.623007
#1	.7778380	-.049338	.0130362
#2	.7778928	-.049089	.0107464
#3	.7768786	-.048264	.0120933

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.272	40224.07	4022.695	2827.983	3665.036
Stddev	2.515	338.51	12.715	20.630	4.924
%RSD	.0697308	.8415491	.3160793	.7294985	.1343447
#1	3607.971	39987.26	4008.674	2817.012	3668.198
#2	3604.481	40611.78	4033.478	2851.781	3659.363
#3	3609.363	40073.16	4025.933	2815.157	3667.547

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-05 Acquired: 12/11/2024 0:14:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995964	.0067176	1.079306	-.012740	-.006455	61.72549	.6475574
Stddev	.0005924	.0029276	.003771	.001473	.000661	.14606	.0008961
%RSD	.5947969	43.58006	.3493866	11.56376	10.23360	.2366349	.1383803
#1	.0997660	.0099499	1.080479	-.012559	-.007047	61.89400	.6480642
#2	.1000855	.0042442	1.075088	-.014295	-.006575	61.63502	.6480854
#3	.0989377	.0059589	1.082352	-.011366	-.005742	61.64745	.6465228

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055509	.0089426	227.5666	.1021544	.1206024	.3742565	155.1894
Stddev	.0001117	.0000488	.5918	.0006068	.0008302	.0024414	.6777
%RSD	2.011752	.5457401	.2600696	.5939863	.6883761	.6523192	.4366832
#1	.0056347	.0089193	228.2482	.1028551	.1214308	.3770754	155.9326
#2	.0054241	.0089986	227.1828	.1018061	.1197704	.3728255	155.0298
#3	.0055939	.0089097	227.2689	.1018021	.1206060	.3728686	154.6057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.04054	28.21132	.1944769	-.015087	.9367938	.1259341	.9208408
Stddev	.02010	.10183	.0003368	.000659	.1450280	.0003400	.0105400
%RSD	.2002125	.3609391	.1732076	4.369052	15.48132	.2700064	1.144608
#1	10.03488	28.16191	.1942301	-.014752	.8234063	.1255881	.9207164
#2	10.02387	28.14363	.1943399	-.014662	1.100214	.1262678	.9314425
#3	10.06286	28.32843	.1948607	-.015846	.886761	.1259465	.9103635

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90940	7.882315	-.352553	.0016675	1.095853	8.352009	.0216416
Stddev	.09456	.011778	.008295	.0001826	.001360	.060364	.0007834
%RSD	.8667851	.1494273	2.352950	10.95028	.1240923	.7227450	3.619716
#1	10.93348	7.892691	-.351469	.0018783	1.095736	8.368528	.0207420
#2	10.98960	7.869512	-.344853	.0015574	1.094555	8.285106	.0220096
#3	10.80513	7.884743	-.361337	.0015668	1.097267	8.402394	.0221733

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-05 Acquired: 12/11/2024 0:14:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6556406	.0943778	.0146293
Stddev	.0062989	.0005240	.0010319
%RSD	.9607190	.5551783	7.053641
#1	.6600807	.0945791	.0140520
#2	.6484315	.0937830	.0158207
#3	.6584094	.0947712	.0140153

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3065.716	33732.11	3447.597	2374.349	3590.677
Stddev	10.616	141.70	17.214	17.965	13.637
%RSD	.3462870	.4200826	.4992926	.7566251	.3797961
#1	3062.188	33596.48	3442.126	2355.595	3581.057
#2	3077.647	33720.66	3466.881	2376.047	3606.284
#3	3057.313	33879.19	3433.784	2391.404	3584.690

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-06 Acquired: 12/11/2024 0:18:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.0003716	.0020930	-.000226	.0058158	-.000273	.0351805	-.000579
Stddev	.0023501	.0010093	.000547	.0043223	.000955	.0110390	.001115
%RSD	632.4061	48.22308	242.0336	74.32026	350.2626	31.37809	192.6487
#1	.0016840	.0025460	.000380	.0010369	-.000299	.0417365	-.001757
#2	-.002342	.0027963	-.000374	.0094518	-.001214	.0224356	.000461
#3	.001772	.0009365	-.000683	.0069585	.000695	.0413695	-.000441

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000031	.0000548	.5881211	.0074161	.0010095	.0053582	.6114003
Stddev	.000050	.0000784	.0275230	.0002261	.0001835	.0012732	.0509085
%RSD	162.1183	142.9403	4.679812	3.048711	18.17692	23.76133	8.326545
#1	-.000052	.0000409	.5566116	.0075775	.0008113	.0038971	.6516900
#2	-.000068	.0001392	.6002876	.0071577	.0011735	.0062294	.5541848
#3	.000026	-.000016	.6074641	.0075132	.0010437	.0059482	.6283262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0426329	.0991139	.0266683	-.000659	-.441457	.0003601	.0032039
Stddev	.0009449	.0771091	.0001537	.001195	.358883	.0046578	.0028695
%RSD	2.216306	77.79853	.5762695	181.4692	81.29512	1293.652	89.56199
#1	.0434460	.1875799	.0267851	-.000937	-.395021	-.004971	.0040186
#2	.0415963	.0636062	.0267255	-.001690	-.821297	.002409	.0055780
#3	.0428562	.0461554	.0264942	.000651	-.108052	.003643	.0000152

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-2.41680	.0243517	-.005767	-.000653	.0054407	.0370235	-.013227
Stddev	.03184	.0011996	.002208	.000207	.0007320	.0004054	.000328
%RSD	1.317505	4.926163	38.28492	31.72964	13.45384	1.094871	2.481164
#1	-2.42704	.0230535	-.003882	-.000485	.0046461	.0365727	-.013523
#2	-2.44226	.0254193	-.008196	-.000590	.0060875	.0373581	-.013284
#3	-2.38110	.0245824	-.005223	-.000884	.0055885	.0371396	-.012874

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4915-06 Acquired: 12/11/2024 0:18:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0062758	.0005914	-.102145
Stddev	.0004023	.0002679	.002881
%RSD	6.410112	45.29684	2.820889
#1	.0064948	.0008989	-.100883
#2	.0058115	.0004663	-.100110
#3	.0065210	.0004089	-.105442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2816.471	31412.52	3017.053	2221.611	4456.186
Stddev	16.094	152.46	9.864	7.600	27.187
%RSD	.5714315	.4853526	.3269513	.3420770	.6101017
#1	2835.046	31449.04	3024.737	2224.631	4487.576
#2	2806.689	31543.41	3005.929	2227.237	4440.903
#3	2807.677	31245.12	3020.492	2212.966	4440.080

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-02 Acquired: 12/11/2024 0:22:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1181066	.0082387	3.834653	-.010760	-.001376	70.07743
Stddev	.0007325	.0015594	.009117	.002211	.001574	.23140
%RSD	.6202398	18.92827	.2377422	20.54470	114.3597	.3302129
#1	.1187314	.0099892	3.824407	-.013254	-.000159	70.28976
#2	.1173004	.0077288	3.841869	-.009043	-.000817	70.11174
#3	.1182881	.0069980	3.837684	-.009983	-.003154	69.83079

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.592262	.0060454	.0185442	240.9605	.1534458	.1180626
Stddev	.004226	.0000809	.0000691	.7690	.0011887	.0002406
%RSD	.2653995	1.338458	.3723955	.3191265	.7746614	.2037658
#1	1.595853	.0060095	.0185073	241.7643	.1531006	.1180112
#2	1.593326	.0061380	.0185014	240.8851	.1547688	.1178519
#3	1.587605	.0059886	.0186239	240.2320	.1524679	.1183247

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7590830	168.0467	11.07099	75.75052	.1972070	-.013354
Stddev	.0117538	.4541	.04319	.17913	.0006944	.000465
%RSD	1.548427	.2702125	.3901094	.2364712	.3520947	3.484034
#1	.7726346	168.4105	11.11956	75.91258	.1979177	-.012914
#2	.7529546	168.1918	11.05652	75.78080	.1971731	-.013308
#3	.7516598	167.5378	11.03690	75.55819	.1965302	-.013841

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6638581	.1824421	5.961151	10.02351	F 10.03823	-.395137
Stddev	.0902813	.0061935	.056030	.11121	.01998	.004065
%RSD	13.59949	3.394758	.9399259	1.109515	.1990654	1.028636
#1	.6543151	.1847326	5.982760	10.15135	10.02834	-.397975
#2	.7585318	.1871641	6.003158	9.94910	10.02512	-.390481
#3	.5787273	.1754296	5.897533	9.97007	10.06123	-.396956

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-02 Acquired: 12/11/2024 0:22:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048378	2.195711	10.27725	.1997238	1.101680	.2122915
Stddev	.0001810	.002594	.04099	.0006833	.006199	.0012077
%RSD	3.742203	.1181439	.3988520	.3421268	.5626996	.5688970
#1	.0047524	2.198704	10.32444	.2005117	1.103082	.2134156
#2	.0050458	2.194316	10.25050	.1993654	1.094900	.2124442
#3	.0047153	2.194113	10.25680	.1992942	1.107058	.2110147

Elem	Li6707
Units	ppm
Avg	.0257838
Stddev	.0045635
%RSD	17.69892
#1	.0248732
#2	.0307339
#3	.0217443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2841.119	31232.34	3195.889	2207.139	3536.562
Stddev	2.242	41.19	18.819	9.649	.687
%RSD	.0789041	.1318785	.5888587	.4371896	.0194350
#1	2841.982	31229.30	3174.827	2202.614	3536.532
#2	2838.574	31192.76	3211.053	2200.585	3537.264
#3	2842.801	31274.97	3201.788	2218.220	3535.890

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV094 Acquired: 12/11/2024 0:25:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.992140	4.899624	24.86220	4.748500	4.832405	396.3742
Stddev	.019335	.010513	.05290	.013154	.020165	.4211
%RSD	.3873004	.2145771	.2127645	.2770081	.4172865	.1062409
#1	4.977656	4.892332	24.80556	4.734472	4.811417	396.1837
#2	4.984668	4.894864	24.87072	4.750469	4.834166	396.8569
#3	5.014095	4.911675	24.91032	4.760558	4.851632	396.0820

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.02354	.4977151	2.500074	401.5872	15.34069	2.535077
Stddev	.00598	.0016349	.005495	.5670	.17496	.005784
%RSD	.0596879	.3284729	.2198063	.1411799	1.140479	.2281627
#1	10.02265	.4958517	2.494147	401.6215	15.42090	2.528590
#2	10.02992	.4989084	2.501075	402.1362	15.14001	2.536946
#3	10.01805	.4983853	2.505000	401.0039	15.46116	2.539696

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80049	398.3403	14.43024	397.0365	2.522411	1.226613
Stddev	.02402	.7664	.03789	1.5351	.005332	.012042
%RSD	.1623036	.1924082	.2626067	.3866468	.2113895	.9817201
#1	14.81673	398.7574	14.45472	398.2483	2.516260	1.232190
#2	14.81185	398.8077	14.44941	397.5511	2.525715	1.212794
#3	14.77289	397.4558	14.38659	395.3102	2.525258	1.234856

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	392.8086	2.499790	13.67498	150.8337	5.007157	F 4.099273
Stddev	.7567	.011932	.18791	.0775	.011492	.022720
%RSD	.1926464	.4773293	1.374151	.0513922	.2295049	.5542379
#1	393.4292	2.513017	13.77644	150.7454	4.995199	4.078046
#2	393.0309	2.489836	13.45814	150.8655	5.008156	4.123238
#3	391.9656	2.496517	13.79035	150.8903	5.018117	4.096535

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV094 Acquired: 12/11/2024 0:25:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.792565	5.058546	4.798790	4.992307	4.928561	4.774243
Stddev	.014223	.015993	.023644	.016832	.009244	.013894
%RSD	.2967820	.3161490	.4927071	.3371541	.1875513	.2910101
#1	4.776206	5.048638	4.773618	4.973400	4.938796	4.785585
#2	4.799490	5.050004	4.820531	4.997863	4.920822	4.778398
#3	4.802001	5.076996	4.802221	5.005659	4.926065	4.758746

Elem	Li6707
Units	ppm
Avg	5.025130
Stddev	.005268
%RSD	.1048290
#1	5.019649
#2	5.030155
#3	5.025587

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2152.808	25070.56	2699.611	1659.333	3159.927
Stddev	4.242	260.39	7.220	23.255	5.293
%RSD	.1970483	1.038632	.2674365	1.401486	.1674901
#1	2157.487	24887.95	2702.329	1649.183	3164.950
#2	2149.214	25368.73	2691.427	1685.938	3154.401
#3	2151.723	24954.99	2705.078	1642.879	3160.431

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB094 Acquired: 12/11/2024 0:29:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001810	.0018353	-.000469	.0071782	.0002768	.0178631
Stddev	.001304	.0018077	.000704	.0011541	.0016633	.0295158
%RSD	72.06001	98.49785	149.9870	16.07836	600.8431	165.2330
#1	-.002363	.0034669	-.000803	.0084619	.0013032	.0169598
#2	-.002746	.0021469	-.000943	.0068467	-.001642	-.011191
#3	-.000320	-.000108	.000339	.0062262	.001169	.047820

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002122	-.000070	.0001943	.0038208	-.000788	-.000020
Stddev	.000364	.000108	.0000914	.0161277	.000078	.000174
%RSD	17.13637	153.8723	47.04438	422.1011	9.892257	861.4238
#1	-.002391	-.000101	.0002465	.0145899	-.000817	.000002
#2	-.002266	.000050	.0002477	.0115940	-.000700	.000141
#3	-.001708	-.000160	.0000888	-.014721	-.000847	-.000204

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012210	.0253287	.0006369	.0082926	.0002225	-.000367
Stddev	.0062439	.0169752	.0008888	.0346859	.0005090	.000973
%RSD	511.3863	67.01947	139.5540	418.2755	228.8082	265.2135
#1	-.004333	.0205159	.0012648	-.026789	-.000130	.000711
#2	.000017	.0441906	.0010261	.042569	-.000009	-.001181
#3	.007979	.0112796	-.000380	.009098	.000806	-.000631

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.10042	.0001587	.0032572	-.665876	.0008425	.0097986
Stddev	.24047	.0069039	.0006701	.159192	.0006571	.0028711
%RSD	21.85262	4350.180	20.57285	23.90712	77.99871	29.30073
#1	-1.17006	-.007273	.0028111	-.509797	.0014346	.0116261
#2	-.83281	.006373	.0040278	-.659823	.0001355	.0112804
#3	-1.29837	.001377	.0029328	-.828008	.0009572	.0064894

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB094 Acquired: 12/11/2024 0:29:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB094 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000692	-.000899	.0003543	F -.010322	.0038361	.0001568
Stddev	.000095	.001692	.0001689	.000590	.0005188	.0002480
%RSD	13.69276	188.2553	47.66365	5.719356	13.52400	158.1716
#1	-.000643	-.002648	.0005218	-.010233	.0040262	.0004090
#2	-.000801	.000729	.0003570	-.009782	.0032491	.0001481
#3	-.000632	-.000778	.0001841	-.010952	.0042331	-.000087

Elem	Li6707
Units	ppm
Avg	F -.064577
Stddev	.002083
%RSD	3.225631
#1	-.066304
#2	-.065162
#3	-.062263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2519.459	27995.58	2755.259	1972.204	3926.644
Stddev	9.602	122.73	4.150	8.129	11.213
%RSD	.3811038	.4383927	.1506155	.4121971	.2855662
#1	2524.743	28105.92	2750.878	1978.026	3931.159
#2	2525.258	28017.42	2755.769	1975.669	3934.896
#3	2508.376	27863.39	2759.130	1962.916	3913.877

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-01 Acquired: 12/11/2024 0:33:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1122833	.0049027	2.800746	-.004164	.0021376	54.94849	1.296533
Stddev	.0027547	.0014656	.002415	.002666	.0008496	.12289	.002862
%RSD	2.453314	29.89345	.0862260	64.02139	39.74352	.2236463	.2207227
#1	.1152809	.0060410	2.799886	-.003671	.0017290	54.90470	1.298626
#2	.1117061	.0054181	2.798879	-.001779	.0031142	55.08728	1.297700
#3	.1098630	.0032490	2.803474	-.007042	.0015695	54.85349	1.293272

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050293	.0115402	114.2149	.1499037	.0999085	.6796078	139.9571
Stddev	.0001400	.0000639	.1950	.0025366	.0008175	.0027468	.3996
%RSD	2.784537	.5537361	.1707276	1.692138	.8182733	.4041823	.2855319
#1	.0048799	.0114738	114.3267	.1512726	.1007786	.6784005	139.5705
#2	.0051576	.0115453	114.3283	.1514617	.0997904	.6776714	140.3686
#3	.0050503	.0116013	113.9898	.1469767	.0991564	.6827515	139.9323

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.439036	35.46412	.1681059	-.012150	-.028798	.1427297	2.180287
Stddev	.045552	.09897	.0001579	.000362	.148900	.0056940	.018054
%RSD	.4825925	.2790668	.0939357	2.981751	517.0503	3.989388	.8280582
#1	9.443148	35.40588	.1682815	-.012450	.035705	.1389291	2.186889
#2	9.482392	35.57839	.1679755	-.011748	-.199074	.1399835	2.194110
#3	9.391567	35.40809	.1680608	-.012253	.076974	.1492763	2.159861

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.415477	9.358492	-.320766	.0039915	2.567112	8.302194	.1643024
Stddev	.019932	.023876	.002797	.0001933	.004674	.021819	.0012340
%RSD	.2368484	.2551236	.8718975	4.843163	.1820665	.2628069	.7510373
#1	8.404438	9.353819	-.318144	.0039673	2.565966	8.279546	.1656962
#2	8.438486	9.337298	-.323710	.0038115	2.563117	8.303959	.1633491
#3	8.403508	9.384358	-.320444	.0041958	2.572252	8.323076	.1638620

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-01 Acquired: 12/11/2024 0:33:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9642940	.0761127	.0117286
Stddev	.0013426	.0008806	.0035821
%RSD	.1392269	1.156923	30.54148
#1	.9635094	.0768757	.0107577
#2	.9658442	.0763132	.0156961
#3	.9635283	.0751491	.0087321

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.824	31923.01	3191.739	2250.949	3673.265
Stddev	2.703	284.52	13.279	13.595	6.050
%RSD	.0945436	.8912827	.4160326	.6039549	.1647147
#1	2859.305	31830.72	3206.055	2247.626	3666.928
#2	2861.255	31696.09	3189.336	2239.324	3678.981
#3	2855.914	32242.23	3179.826	2265.897	3673.886

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-05 Acquired: 12/11/2024 0:37:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1753062	.0046480	9.660830	-.008321	.0233608	70.33593
Stddev	.0011798	.0023546	.045708	.001299	.0005848	.87588
%RSD	.6729848	50.65883	.4731316	15.60802	2.503356	1.245285
#1	.1764935	.0071975	9.657543	-.009601	.0232519	69.76802
#2	.1752911	.0025553	9.616854	-.008360	.0228380	71.34464
#3	.1741341	.0041910	9.708094	-.007004	.0239923	69.89512

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.885631	.0082013	.0309508	199.9298	.2078984	.1333814
Stddev	.047401	.0001399	.0002020	2.4068	.0007222	.0008345
%RSD	1.219904	1.706499	.6526763	1.203834	.3473886	.6256816
#1	3.851766	.0080559	.0309868	198.3000	.2077125	.1332933
#2	3.939802	.0082129	.0307332	202.6942	.2072873	.1325944
#3	3.865325	.0083351	.0311324	198.7952	.2086954	.1342565

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.64218	241.2700	11.83666	37.18881	.2888801	-.018851
Stddev	.13184	2.7812	.12921	.33581	.0018305	.001411
%RSD	1.238890	1.152747	1.091621	.9029909	.6336692	7.485350
#1	10.56510	239.4706	11.75568	36.87414	.2884960	-.018335
#2	10.79442	244.4734	11.98568	37.54238	.2872720	-.017770
#3	10.56703	239.8661	11.76863	37.14990	.2908722	-.020447

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.672947	.1940906	8.232460	8.912253	F 15.62591	-.564786
Stddev	.801908	.0043102	.073040	.175947	.08147	.004884
%RSD	47.93387	2.220723	.8872231	1.974212	.5213689	.8647938
#1	1.011510	.1987860	8.251322	8.740684	15.63045	-.559370
#2	2.564855	.1903136	8.294219	9.092273	15.54226	-.566131
#3	1.442477	.1931723	8.151839	8.903803	15.70501	-.568857

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-05 Acquired: 12/11/2024 0:37:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086893	3.841356	8.590770	.4145402	1.278318	.3580786
Stddev	.0000860	.026990	.090248	.0008939	.017338	.0039683
%RSD	.9895476	.7026267	1.050527	.2156271	1.356307	1.108207
#1	.0087683	3.835094	8.487001	.4137202	1.271538	.3549060
#2	.0085977	3.818048	8.650950	.4144074	1.298021	.3625281
#3	.0087017	3.870928	8.634359	.4154930	1.265395	.3568016

Elem	Li6707
Units	ppm
Avg	.0326902
Stddev	.0016698
%RSD	5.107806
#1	.0307623
#2	.0336383
#3	.0336701

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2864.082	31946.64	3202.561	2236.796	3602.756
Stddev	9.743	178.64	27.453	10.591	12.426
%RSD	.3401761	.5591901	.8572358	.4734702	.3449021
#1	2853.996	31741.62	3229.018	2230.721	3592.579
#2	2873.441	32029.44	3174.209	2230.643	3616.604
#3	2864.808	32068.86	3204.454	2249.025	3599.086

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-06 Acquired: 12/11/2024 0:41:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.2149423	.0046869	14.36261	-.006194	.0467237	78.87123
Stddev	.0022098	.0025785	.04562	.000578	.0029476	.02222
%RSD	1.028109	55.01482	.3176317	9.335788	6.308636	.0281702
#1	.2161668	.0023025	14.31137	-.006106	.0500433	78.86117
#2	.2123912	.0074234	14.37765	-.006811	.0444130	78.85583
#3	.2162687	.0043349	14.39882	-.005664	.0457149	78.89670

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.643896	.0095661	.0289164	171.7962	.2845839	.1165573
Stddev	.011027	.0001628	.0000494	.5062	.0014407	.0000751
%RSD	.1659673	1.701762	.1707747	.2946265	.5062402	.0644570
#1	6.631928	.0097524	.0288758	171.3576	.2830625	.1165888
#2	6.646117	.0094511	.0289714	171.6811	.2847619	.1164716
#3	6.653643	.0094949	.0289019	172.3501	.2859274	.1166116

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.43387	235.6573	10.08493	25.09222	.2655706	-.016005
Stddev	.02608	.3599	.02798	.19590	.0000632	.001092
%RSD	.2097563	.1527015	.2774727	.7807198	.0237870	6.821631
#1	12.41991	235.4040	10.06514	24.97256	.2655223	-.015482
#2	12.41774	235.4986	10.07270	24.98580	.2655473	-.015273
#3	12.46396	236.0692	10.11694	25.31830	.2656421	-.017260

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.917009	.2499490	11.31761	9.279604	F 16.34187	-.517392
Stddev	.311662	.0031267	.04016	.167819	.05786	.003024
%RSD	16.25772	1.250925	.3548269	1.808476	.3540741	.5845362
#1	2.276503	.2535573	11.32308	9.264843	16.27821	-.520881
#2	1.751608	.2480386	11.27500	9.119653	16.35613	-.515777
#3	1.722914	.2482511	11.35475	9.454316	16.39126	-.515517

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-06 Acquired: 12/11/2024 0:41:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102380	4.244761	8.769603	.6173431	1.297949	.6345839
Stddev	.0002164	.006835	.004892	.0013800	.005706	.0032781
%RSD	2.113443	.1610332	.0557785	.2235310	.4395972	.5165766
#1	.0104371	4.237170	8.770950	.6163139	1.295954	.6326268
#2	.0102692	4.250431	8.764180	.6168041	1.293508	.6327564
#3	.0100077	4.246681	8.773680	.6189112	1.304384	.6383684

Elem	Li6707
Units	ppm
Avg	.0336940
Stddev	.0006932
%RSD	2.057275
#1	.0344897
#2	.0332209
#3	.0333713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2773.774	30862.45	3122.365	2162.157	3638.701
Stddev	5.540	166.33	11.397	10.589	3.422
%RSD	.1997418	.5389435	.3650098	.4897273	.0940433
#1	2770.468	30985.61	3130.512	2167.398	3642.184
#2	2770.683	30928.51	3127.240	2169.103	3635.344
#3	2780.170	30673.24	3109.341	2149.970	3638.575

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-07 Acquired: 12/11/2024 0:44:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0554532	.0031070	1.215975	-.022342	-.005484	75.81485
Stddev	.0015633	.0028326	.004406	.003225	.001212	.16587
%RSD	2.819191	91.16911	.3623820	14.43362	22.10346	.2187873
#1	.0570159	.0050097	1.210888	-.020845	-.006804	75.62696
#2	.0538893	.0044597	1.218443	-.026043	-.005225	75.87660
#3	.0554545	-.000148	1.218595	-.020137	-.004422	75.94099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.268900	.0073552	.0067581	435.8535	.1428982	.1119528
Stddev	.006861	.0000477	.0000719	1.1212	.0018597	.0004543
%RSD	.5407223	.6490624	1.063652	.2572505	1.301418	.4058270
#1	1.264638	.0073353	.0067756	434.5638	.1450448	.1122820
#2	1.265247	.0074097	.0066791	436.4000	.1418741	.1121420
#3	1.276815	.0073206	.0068196	436.5967	.1417755	.1114345

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2859398	180.0418	6.124402	130.2556	.2563315	-.019762
Stddev	.0098962	.4752	.026058	.7980	.0017685	.001204
%RSD	3.460927	.2639406	.4254704	.6126635	.6899096	6.090090
#1	.2943517	179.5330	6.099208	129.3490	.2576400	-.019961
#2	.2884320	180.1184	6.151245	130.8517	.2543196	-.020854
#3	.2750358	180.4741	6.122751	130.5661	.2570350	-.018471

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6128956	.1626639	1.386723	12.94419	F 10.42242	-.373716
Stddev	.7300814	.0098738	.031551	.05618	.01823	.005075
%RSD	119.1200	6.070083	2.275239	.4339937	.1748721	1.357949
#1	1.408348	.1571563	1.422721	12.92294	10.42909	-.367857
#2	-.026616	.1740631	1.373578	12.90174	10.40180	-.376730
#3	.456955	.1567723	1.363869	13.00789	10.43638	-.376561

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-07 Acquired: 12/11/2024 0:44:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090436	7.325360	10.41454	.0566836	1.021331	.4145316
Stddev	.0002838	.018606	.04979	.0011434	.000974	.0009359
%RSD	3.138027	.2539940	.4780875	2.017198	.0953216	.2257614
#1	.0093694	7.336469	10.36111	.0553673	1.021700	.4142389
#2	.0089109	7.303879	10.45963	.0574310	1.022065	.4155789
#3	.0088504	7.335730	10.42289	.0572525	1.020226	.4137771

Elem	Li6707
Units	ppm
Avg	.0528077
Stddev	.0016722
%RSD	3.166482
#1	.0534953
#2	.0509014
#3	.0540264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2688.728	29343.69	3084.926	2068.441	3432.281
Stddev	17.340	300.60	13.972	28.222	19.130
%RSD	.6449294	1.024418	.4529192	1.364428	.5573637
#1	2671.221	28999.43	3099.644	2035.917	3412.267
#2	2689.067	29477.46	3071.843	2086.487	3434.191
#3	2705.897	29554.19	3083.290	2082.918	3450.384

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-08 Acquired: 12/11/2024 0:48:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1418803	.0022461	3.827244	-.000684	.0077459	83.88694
Stddev	.0011599	.0015532	.014616	.001485	.0018508	.00615
%RSD	.8175267	69.15054	.3819040	217.1711	23.89330	.0073324
#1	.1425034	.0039847	3.810736	-.002358	.0098732	83.88719
#2	.1405420	.0009958	3.838540	.000474	.0068589	83.88067
#3	.1425954	.0017577	3.832456	-.000167	.0065056	83.89296

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.498806	.0076175	.0135772	95.11837	.1716969	.1244900
Stddev	.001810	.0000448	.0000439	.23999	.0001438	.0003729
%RSD	.0724454	.5880794	.3230910	.2523082	.0837472	.2995574
#1	2.499505	.0075879	.0135657	95.38567	.1717561	.1243048
#2	2.500163	.0076691	.0135402	95.04804	.1715329	.1249192
#3	2.496751	.0075957	.0136256	94.92140	.1718016	.1242459

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.231053	230.6940	16.12573	20.73472	.2068085	-.020650
Stddev	.007173	.1145	.06710	.01285	.0002882	.001125
%RSD	.5826797	.0496401	.4161297	.0619587	.1393596	5.448646
#1	1.237564	230.8254	16.20293	20.71994	.2065837	-.021557
#2	1.232232	230.6159	16.09283	20.74321	.2071334	-.021003
#3	1.223364	230.6405	16.08142	20.74101	.2067083	-.019391

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8294477	.2081915	3.876481	6.720111	F 11.91921	-.580814
Stddev	.0899019	.0110414	.030274	.065560	.04908	.004051
%RSD	10.83876	5.303467	.7809569	.9755794	.4117922	.6974080
#1	.7954265	.2179248	3.896341	6.766010	11.86906	-.584528
#2	.7615215	.1961933	3.841638	6.749298	11.96715	-.581418
#3	.9313951	.2104563	3.891464	6.645027	11.92141	-.576495

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-08 Acquired: 12/11/2024 0:48:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080083	2.019958	7.900963	.1896652	1.406108	.2087999
Stddev	.0006488	.011637	.020890	.0006871	.011127	.0011890
%RSD	8.101078	.5760986	.2644025	.3622624	.7913345	.5694331
#1	.0082104	2.009594	7.883930	.1902562	1.418218	.2097092
#2	.0085320	2.032547	7.924272	.1889113	1.396335	.2074544
#3	.0072826	2.017733	7.894686	.1898281	1.403771	.2092360

Elem	Li6707
Units	ppm
Avg	.0179449
Stddev	.0032501
%RSD	18.11137
#1	.0142741
#2	.0191042
#3	.0204564

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3012.949	33368.58	3379.245	2356.155	3708.517
Stddev	8.785	96.57	4.382	6.846	6.690
%RSD	.2915873	.2894059	.1296654	.2905660	.1803946
#1	3003.750	33259.05	3379.619	2349.285	3705.013
#2	3013.844	33441.46	3374.689	2362.977	3704.308
#3	3021.252	33405.22	3383.428	2356.204	3716.232

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-09 Acquired: 12/11/2024 0:52:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0883905	.0007159	1.199144	.0026643	.0040309	75.03891	.9919438
Stddev	.0005728	.0008961	.004327	.0019045	.0021956	.18763	.0014038
%RSD	.6480614	125.1747	.3608716	71.48136	54.46840	.2500446	.1415234
#1	.0888739	.0014522	1.204114	.0005242	.0036388	74.82286	.9913852
#2	.0877578	.0009773	1.196206	.0041725	.0020578	75.16091	.9935409
#3	.0885399	-.000282	1.197114	.0032961	.0063961	75.13298	.9909053

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062144	.0062235	37.94871	.1235722	.1088688	.3945139	166.0651
Stddev	.0000215	.0000848	.03265	.0004485	.0004818	.0006446	.2665
%RSD	.3464488	1.362177	.0860361	.3629312	.4425365	.1633804	.1604951
#1	.0061899	.0063006	37.92937	.1230628	.1092670	.3943210	165.8305
#2	.0062235	.0062371	37.98641	.1237459	.1090062	.3939879	166.0100
#3	.0062300	.0061327	37.93037	.1239078	.1083333	.3952329	166.3549

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.90883	18.99089	.1831823	-.014931	-.156112	.1687730	1.254317
Stddev	.03939	.13448	.0010324	.000558	.477736	.0013622	.012250
%RSD	.3610995	.7081047	.5636024	3.733912	306.0218	.8071038	.9766262
#1	10.86342	18.88259	.1842938	-.015433	.378033	.1672294	1.253987
#2	10.92922	19.14141	.1829998	-.015030	-.303819	.1698064	1.242235
#3	10.93385	18.94867	.1822533	-.014331	-.542549	.1692831	1.266728

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.345320	7.747931	-.435725	.0058098	.7947729	7.501726	.0591210
Stddev	.090255	.016153	.003880	.0001004	.0015498	.061977	.0005270
%RSD	1.688483	.2084864	.8904391	1.727600	.1949955	.8261740	.8913780
#1	5.278668	7.764822	-.432669	.0057909	.7965523	7.440862	.0591938
#2	5.448030	7.746338	-.440090	.0059182	.7937184	7.564759	.0585614
#3	5.309264	7.732633	-.434416	.0057202	.7940480	7.499558	.0596078

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-09 Acquired: 12/11/2024 0:52:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.346883	.0278956	-.002608
Stddev	.002858	.0004778	.002692
%RSD	.2121835	1.712753	103.2253
#1	1.345415	.0274904	-.004841
#2	1.345057	.0284224	.000382
#3	1.350176	.0277739	-.003366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3234.983	35928.56	3583.138	2540.213	3803.466
Stddev	11.774	94.74	12.848	11.743	17.319
%RSD	.3639621	.2636809	.3585676	.4622728	.4553381
#1	3221.407	35877.00	3592.903	2534.270	3784.963
#2	3241.149	36037.89	3568.583	2553.739	3806.145
#3	3242.394	35870.78	3587.928	2532.629	3819.288

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-10 Acquired: 12/11/2024 0:56:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0388959	.0007679	.8689443	-.008222	-.002861	65.95313	.6191169
Stddev	.0018914	.0025469	.0023564	.001910	.003478	.79100	.0097230
%RSD	4.862825	331.6610	.2711839	23.23496	121.5427	1.199341	1.570461
#1	.0367470	.0008740	.8666841	-.008380	-.006779	65.07223	.6081124
#2	.0396325	.0032601	.8687624	-.006237	-.001667	66.60262	.6265459
#3	.0403082	-.001830	.8713864	-.010048	-.000138	66.18454	.6226924

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050588	.0039216	84.83924	.1077510	.0815593	.2085988	135.8332
Stddev	.0001532	.0000315	.98271	.0005033	.0001361	.0094876	1.4328
%RSD	3.028202	.8030415	1.158325	.4671014	.1669146	4.548260	1.054788
#1	.0048875	.0039283	83.77625	.1077288	.0815325	.1977805	134.1959
#2	.0051062	.0038873	85.71464	.1072592	.0817069	.2155040	136.8572
#3	.0051826	.0039492	85.02684	.1082651	.0814386	.2125118	136.4466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.395326	35.44606	.1476298	-.015378	.2345323	.1619357	.8797030
Stddev	.054081	.33353	.0001344	.000160	.4491108	.0031744	.0031705
%RSD	1.230413	.9409456	.0910034	1.040905	191.4921	1.960283	.3604061
#1	4.336417	35.10441	.1477849	-.015511	.4751112	.1640410	.8826907
#2	4.442727	35.77083	.1475554	-.015422	-.283616	.1582844	.8800415
#3	4.406832	35.46294	.1475491	-.015200	.512102	.1634816	.8763768

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.621455	6.251773	-.344948	.0026987	2.139035	8.674759	.0350285
Stddev	.034679	.004927	.001767	.0002109	.001814	.069276	.0004607
%RSD	.7503982	.0788168	.5123806	7.814436	.0847916	.7985918	1.315075
#1	4.593190	6.246184	-.343673	.0024774	2.141120	8.594802	.0347974
#2	4.660153	6.253641	-.344207	.0027213	2.137819	8.716817	.0347291
#3	4.611020	6.255493	-.346966	.0028974	2.138166	8.712658	.0355589

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-10 Acquired: 12/11/2024 0:56:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.014103	.0236994	.0029788
Stddev	.015180	.0006314	.0054082
%RSD	1.496891	2.664428	181.5542
#1	.998561	.0233350	.0000828
#2	1.028893	.0244285	.0092183
#3	1.014855	.0233347	-.000365

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2817.555	31126.26	3151.052	2198.614	3751.115
Stddev	4.675	78.95	26.160	4.910	7.119
%RSD	.1659263	.2536428	.8302071	.2233385	.1897777
#1	2819.304	31035.89	3181.195	2194.664	3753.779
#2	2821.103	31181.83	3137.686	2204.112	3756.517
#3	2812.258	31161.07	3134.274	2197.067	3743.048

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-11 Acquired: 12/11/2024 0:59:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589961	-.000374	.6106480	.0005031	.0019426	85.92101	.5175150
Stddev	.0010814	.002126	.0024676	.0054963	.0015305	.14598	.0022741
%RSD	1.833046	567.8800	.4041017	1092.416	78.78323	.1698947	.4394205
#1	.0583016	.002033	.6115918	.0066160	.0006333	85.77453	.5149010
#2	.0602420	-.001996	.6125044	-.004031	.0015695	85.92203	.5186065
#3	.0584446	-.001160	.6078478	-.001076	.0036252	86.06648	.5190376

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060530	.0028915	30.65168	.1018728	.0961005	.1503315	162.0187
Stddev	.0000768	.0000728	.05135	.0005601	.0001018	.0025654	.3421
%RSD	1.269329	2.516718	.1675355	.5497596	.1059539	1.706476	.2111350
#1	.0059703	.0029226	30.62064	.1024855	.0961827	.1527303	161.8417
#2	.0061222	.0028083	30.62344	.1013872	.0961323	.1506371	161.8014
#3	.0060663	.0029435	30.71095	.1017457	.0959866	.1476269	162.4130

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.326902	21.32919	.1435660	-.016865	1.426432	.1714784	.3355308
Stddev	.022804	.09742	.0007505	.000506	.454596	.0021189	.0016407
%RSD	.2738566	.4567372	.5227453	3.002917	31.86941	1.235691	.4889971
#1	8.347770	21.44105	.1441851	-.017436	1.345589	.1731630	.3367530
#2	8.330376	21.26292	.1437817	-.016687	1.017683	.1690994	.3336660
#3	8.302561	21.28361	.1427313	-.016471	1.916026	.1721728	.3361734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.274838	2.700089	-.432138	.0048442	.4918063	8.115119	.0421885
Stddev	.122475	.004717	.001869	.0003520	.0046354	.022902	.0008633
%RSD	3.739887	.1746794	.4324824	7.265852	.9425272	.2822115	2.046190
#1	3.136058	2.698799	-.430729	.0044380	.4971025	8.093801	.0414491
#2	3.367790	2.705316	-.431427	.0050363	.4898284	8.112227	.0431372
#3	3.320668	2.696152	-.434258	.0050583	.4884879	8.139330	.0419792

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-11 Acquired: 12/11/2024 0:59:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.387531	-.028589	-.001721
Stddev	.005225	.001158	.002927
%RSD	.3765953	4.050860	170.0593
#1	1.393068	-.027909	-.000688
#2	1.386838	-.027931	-.005025
#3	1.382686	-.029926	.000549

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2924.331	32365.43	3242.475	2291.743	3827.397
Stddev	8.792	173.08	7.485	9.203	10.268
%RSD	.3006473	.5347774	.2308513	.4015557	.2682850
#1	2929.944	32166.56	3236.728	2281.175	3832.991
#2	2928.849	32447.72	3239.759	2296.063	3833.653
#3	2914.198	32482.02	3250.940	2297.991	3815.546

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-12 Acquired: 12/11/2024 1:03:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1181544	.0033472	1.526174	.0063049	.0020685	77.06907
Stddev	.0027834	.0037953	.001304	.0031074	.0010406	.09698
%RSD	2.355741	113.3872	.0854243	49.28448	50.30746	.1258306
#1	.1152162	.0009026	1.525091	.0091841	.0025015	77.09593
#2	.1184954	.0014196	1.525810	.0030110	.0028227	77.14979
#3	.1207516	.0077194	1.527621	.0067196	.0008813	76.96150

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.068415	.0062343	.0125662	48.84145	.2967566	.1266254
Stddev	.001870	.0001299	.0001612	.10585	.0010559	.0004833
%RSD	.1750255	2.082789	1.282687	.2167279	.3558317	.3816380
#1	1.068230	.0061830	.0124734	48.87925	.2968051	.1266044
#2	1.070371	.0061379	.0124728	48.92321	.2956773	.1271188
#3	1.066644	.0063819	.0127523	48.72189	.2977875	.1261529

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3401650	188.7034	15.68338	21.15974	.2808736	-.016837
Stddev	.0068100	.3912	.04209	.05794	.0010984	.000749
%RSD	2.001978	.2073024	.2683444	.2738388	.3910709	4.450778
#1	.3479385	188.7207	15.63981	21.09488	.2810114	-.017173
#2	.3352503	189.0857	15.68653	21.17795	.2797128	-.017360
#3	.3373064	188.3039	15.72381	21.20639	.2818966	-.015979

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1557412	.1994387	2.074537	10.96516	F 10.60703	-.456024
Stddev	.1703819	.0044029	.014020	.27959	.01716	.001900
%RSD	109.4007	2.207635	.6758133	2.549846	.1617655	.4166379
#1	-.032855	.1956470	2.060272	10.67150	10.61372	-.456643
#2	.298554	.2042676	2.088298	10.99582	10.58753	-.457538
#3	.201524	.1984014	2.075043	11.22816	10.61983	-.453892

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-12 Acquired: 12/11/2024 1:03:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072814	3.312442	8.784905	.2137808	1.238504	.0493939
Stddev	.0002656	.015495	.034052	.0018386	.003359	.0002032
%RSD	3.648204	.4677864	.3876144	.8600166	.2712513	.4114553
#1	.0072431	3.317615	8.821606	.2148886	1.240619	.0493688
#2	.0075642	3.295022	8.754337	.2147952	1.234631	.0496085
#3	.0070371	3.324689	8.778771	.2116585	1.240263	.0492044

Elem	Li6707
Units	ppm
Avg	.0110483
Stddev	.0020649
%RSD	18.69030
#1	.0122340
#2	.0086639
#3	.0122469

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3013.008	33706.14	3364.026	2379.511	3758.868
Stddev	7.015	30.28	14.062	2.694	7.368
%RSD	.2328327	.0898305	.4180100	.1131974	.1960218
#1	3013.301	33715.49	3348.012	2379.823	3756.537
#2	3019.873	33672.29	3369.703	2376.675	3767.120
#3	3005.851	33730.64	3374.361	2382.035	3752.947

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-13 Acquired: 12/11/2024 1:07:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1147329	.0029929	1.539503	.0036550	.0021445	74.40695	1.039342
Stddev	.0010763	.0023434	.006051	.0015555	.0011697	.09676	.002016
%RSD	.9380586	78.30023	.3930578	42.55867	54.54490	.1300399	.1939911
#1	.1148419	.0049443	1.533195	.0027995	.0034558	74.42789	1.040270
#2	.1136064	.0036406	1.540054	.0027149	.0017691	74.30144	1.037028
#3	.1157506	.0003937	1.545260	.0054504	.0012085	74.49153	1.040727

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061547	.0201324	47.93560	.1363181	.1216090	.3556420	185.3926
Stddev	.0000754	.0002171	.10553	.0006032	.0001853	.0026547	.4678
%RSD	1.225714	1.078323	.2201478	.4424999	.1523612	.7464612	.2523342
#1	.0061617	.0203491	48.02085	.1363974	.1217898	.3586937	185.1658
#2	.0060759	.0199149	47.81757	.1356792	.1214196	.3543673	185.0813
#3	.0062263	.0201333	47.96837	.1368778	.1216175	.3538650	185.9305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96542	23.55299	.2340721	-.017143	-.230717	.2000796	2.046129
Stddev	.01464	.02614	.0011422	.000259	.215788	.0065839	.022582
%RSD	.0978413	.1109887	.4879498	1.509555	93.52939	3.290646	1.103654
#1	14.95109	23.52579	.2353314	-.016869	-.294027	.1936911	2.031554
#2	14.96481	23.55525	.2331032	-.017177	-.407769	.2068429	2.072141
#3	14.98036	23.57792	.2337816	-.017384	.009645	.1997049	2.034690

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.115687	8.806030	-.448041	.0073282	2.400056	8.668953	.2834436
Stddev	.104635	.014231	.008758	.0003496	.009570	.131695	.0007299
%RSD	1.147861	.1616051	1.954710	4.770336	.3987241	1.519157	.2575193
#1	9.140824	8.804422	-.455855	.0072944	2.399956	8.782658	.2835070
#2	9.000773	8.792671	-.438575	.0069968	2.390536	8.524654	.2826841
#3	9.205464	8.820996	-.449694	.0076935	2.409675	8.699547	.2841398

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-13 Acquired: 12/11/2024 1:07:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.306170	.0606011	.0040100
Stddev	.004655	.0007600	.0024183
%RSD	.3563696	1.254032	60.30824
#1	1.306736	.0609259	.0068020
#2	1.310516	.0611446	.0025710
#3	1.301258	.0597327	.0026569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2953.096	33024.49	3278.112	2318.465	3739.030
Stddev	3.259	213.98	32.043	13.054	4.609
%RSD	.1103550	.6479463	.9774834	.5630395	.1232671
#1	2952.751	33013.62	3241.549	2319.697	3736.835
#2	2956.514	32816.15	3301.304	2304.838	3744.327
#3	2950.023	33243.70	3291.481	2330.859	3735.930

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-14 Acquired: 12/11/2024 1:11:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1245868	.0040569	1.384781	.0069091	.0058417	78.85789	1.011395
Stddev	.0035610	.0005977	.003834	.0016108	.0013881	.18405	.002052
%RSD	2.858224	14.73277	.2768310	23.31461	23.76239	.2334009	.2029076
#1	.1212300	.0047467	1.380646	.0059809	.0073569	78.65275	1.009174
#2	.1283218	.0036927	1.385480	.0087691	.0046312	79.00858	1.013220
#3	.1242088	.0037313	1.388217	.0059773	.0055371	78.91232	1.011792

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063022	.0120387	37.98143	.1426577	.1219168	.3189985	181.8020
Stddev	.0000397	.0000521	.14279	.0003815	.0000720	.0070380	.6570
%RSD	.6300001	.4324454	.3759596	.2674219	.0590711	2.206288	.3613950
#1	.0062874	.0119931	37.91195	.1425184	.1218372	.3126936	181.0836
#2	.0063472	.0120954	38.14566	.1423655	.1219773	.3177102	182.3724
#3	.0062721	.0120277	37.88666	.1430893	.1219360	.3265916	181.9500

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.39159	21.41975	.2020270	-.016655	-.000904	.1959614	1.750803
Stddev	.07641	.16309	.0002893	.000489	.359657	.0019743	.009907
%RSD	.4964120	.7613889	.1431838	2.937828	39777.68	1.007511	.5658758
#1	15.35799	21.36432	.2016934	-.016471	-.231012	.1961637	1.753060
#2	15.47903	21.60332	.2022088	-.017210	.413551	.1938937	1.759387
#3	15.33774	21.29160	.2021787	-.016284	-.185252	.1978268	1.739962

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.344893	9.232072	-.451832	.0068352	1.783708	8.178874	.1879998
Stddev	.109316	.027493	.006740	.0000584	.011659	.032950	.0011667
%RSD	1.309973	.2977943	1.491679	.8538400	.6536190	.4028632	.6206073
#1	8.255456	9.203437	-.448310	.0067712	1.779112	8.150740	.1867533
#2	8.466753	9.234521	-.447583	.0068490	1.775049	8.170758	.1881804
#3	8.312472	9.258258	-.459603	.0068854	1.796965	8.215123	.1890657

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-14 Acquired: 12/11/2024 1:11:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.351968	.0835974	.0066871
Stddev	.001704	.0005265	.0055271
%RSD	.1260524	.6298501	82.65335
#1	1.353411	.0839677	.0016621
#2	1.352406	.0838299	.0057921
#3	1.350088	.0829947	.0126072

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3039.968	33822.42	3371.233	2385.164	3782.484
Stddev	4.192	171.19	9.636	11.384	6.577
%RSD	.1378956	.5061381	.2858158	.4772878	.1738826
#1	3035.193	33796.56	3378.997	2382.172	3782.941
#2	3041.669	33665.64	3360.449	2375.575	3775.690
#3	3043.043	34005.07	3374.253	2397.746	3788.820

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-15 Acquired: 12/11/2024 1:15:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1270972	-.000801	.6698030	.0071791	.0042274	86.94646	.7312656
Stddev	.0026134	.001195	.0075978	.0048467	.0014286	.25766	.0022174
%RSD	2.056201	149.3125	1.134337	67.51086	33.79321	.2963478	.3032265
#1	.1284096	-.000708	.6778911	.0105661	.0057756	87.23092	.7337905
#2	.1287943	-.002039	.6687025	.0016273	.0029604	86.72872	.7296350
#3	.1240877	.000346	.6628154	.0093439	.0039461	86.87973	.7303714

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073178	.0073012	22.46385	.1196044	.1354100	.2448234	206.0818
Stddev	.0000241	.0000661	.11286	.0007829	.0023047	.0037840	.6650
%RSD	.3287679	.9054769	.5023994	.6545897	1.702037	1.545597	.3226852
#1	.0073289	.0073592	22.59050	.1190107	.1377822	.2429756	206.7550
#2	.0073343	.0072292	22.42710	.1204917	.1352685	.2423184	206.0651
#3	.0072902	.0073151	22.37395	.1193109	.1331793	.2491763	205.4253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.19830	20.38365	.2037486	-.020460	.1382188	.2083396	.8667259
Stddev	.06860	.06011	.0027684	.001107	.5949034	.0043548	.0128232
%RSD	.4513700	.2948828	1.358741	5.408196	430.4071	2.090238	1.479498
#1	15.26918	20.40036	.2066196	-.020337	-.298774	.2133303	.8521637
#2	15.19349	20.31695	.2035307	-.021623	.815723	.2053113	.8763288
#3	15.13223	20.43363	.2010956	-.019421	-.102292	.2063772	.8716853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.400652	6.832945	-.541519	.0062944	.9842114	6.921603	.0410730
Stddev	.123763	.090486	.005259	.0002736	.0144283	.062639	.0009202
%RSD	1.672329	1.324267	.9710757	4.346633	1.465970	.9049760	2.240401
#1	7.344359	6.929485	-.544687	.0065993	.9997400	6.981333	.0419297
#2	7.315041	6.819283	-.535449	.0062137	.9816738	6.856412	.0411889
#3	7.542555	6.750066	-.544421	.0060702	.9712202	6.927064	.0401003

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-15 Acquired: 12/11/2024 1:15:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.429180	-.029332	.0021886
Stddev	.008829	.000454	.0030100
%RSD	.6177340	1.548889	137.5276
#1	1.439001	-.028990	.0000908
#2	1.426636	-.029159	.0008377
#3	1.421902	-.029848	.0056374

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3230.526	35774.17	3567.936	2519.818	3748.143
Stddev	28.408	213.90	20.853	12.132	52.008
%RSD	.8793479	.5979114	.5844581	.4814744	1.387575
#1	3199.127	35956.94	3545.471	2531.088	3691.241
#2	3238.006	35538.92	3586.676	2506.976	3759.963
#3	3254.445	35826.66	3571.661	2521.390	3793.223

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-16 Acquired: 12/11/2024 1:18:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1186943	.0018607	.4729747	.0066784	.0045415	78.49175	.6274557
Stddev	.0019250	.0011877	.0012275	.0015633	.0013520	.24492	.0019600
%RSD	1.621813	63.82931	.2595204	23.40878	29.76958	.3120341	.3123663
#1	.1164931	.0027304	.4726477	.0084665	.0029806	78.36409	.6262190
#2	.1195272	.0005075	.4719439	.0059989	.0052969	78.77412	.6297155
#3	.1200626	.0023442	.4743326	.0055698	.0053468	78.33703	.6264325

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064655	.0056148	20.01047	.1133259	.1258121	.3073928	200.1061
Stddev	.0001827	.0001199	.03891	.0005541	.0003345	.0074832	.6933
%RSD	2.826219	2.134482	.1944624	.4889045	.2658901	2.434405	.3464526
#1	.0065438	.0056154	19.98922	.1126953	.1254980	.3110308	199.7087
#2	.0062567	.0054947	20.05538	.1137350	.1257746	.3123614	200.9066
#3	.0065960	.0057344	19.98680	.1135472	.1261638	.2987862	199.7030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59717	21.42696	.1929524	-.020760	-.078661	.1847399	.7352764
Stddev	.02494	.05744	.0001099	.000288	.043832	.0034411	.0092403
%RSD	.1598888	.2680516	.0569633	1.387584	55.72283	1.862649	1.256713
#1	15.59003	21.36090	.1930616	-.020919	-.103797	.1881993	.7246868
#2	15.62489	21.46505	.1929538	-.020934	-.028048	.1813174	.7394399
#3	15.57657	21.45493	.1928418	-.020427	-.104137	.1847029	.7417023

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.313354	4.603940	-.533095	.0050005	.8382957	7.461908	.0648042
Stddev	.128294	.008922	.004486	.0004689	.0014856	.056986	.0010676
%RSD	1.543231	.1937928	.8414129	9.376396	.1772154	.7636914	1.647458
#1	8.253489	4.596590	-.536452	.0046615	.8400034	7.527536	.0639469
#2	8.460638	4.601363	-.528000	.0055355	.8373011	7.424953	.0644656
#3	8.225933	4.613867	-.534831	.0048044	.8375827	7.433236	.0660000

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-16 Acquired: 12/11/2024 1:18:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.177524	-.070195	.0095225
Stddev	.001390	.000470	.0013850
%RSD	.1180210	.6698507	14.54489
#1	1.178802	-.070028	.0079232
#2	1.176044	-.070726	.0103286
#3	1.177726	-.069831	.0103157

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.383	36099.31	3612.480	2559.411	3809.449
Stddev	6.538	87.66	28.823	4.445	10.541
%RSD	.2002692	.2428323	.7978808	.1736682	.2766988
#1	3264.253	36124.20	3579.789	2563.049	3812.719
#2	3270.984	36001.90	3623.415	2554.456	3817.968
#3	3257.911	36171.84	3634.235	2560.726	3797.661

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-17 Acquired: 12/11/2024 1:22:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1649494	.0113090	.5081900	.0146607	.0037986	78.61536	.8088099
Stddev	.0013760	.0038300	.0020276	.0006009	.0025011	.27677	.0031827
%RSD	.8342046	33.86658	.3989888	4.098381	65.84226	.3520567	.3934977
#1	.1637279	.0079659	.5100268	.0147960	.0009177	78.69310	.8088050
#2	.1646802	.0154878	.5060143	.0140037	.0054137	78.30803	.8056297
#3	.1664402	.0104733	.5085290	.0151823	.0050644	78.84494	.8119950

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054444	.0058885	22.26792	.1080317	.1600263	.3357090	201.4093
Stddev	.0000763	.0000875	.13167	.0002721	.0006867	.0069984	.4606
%RSD	1.401792	1.485343	.5912841	.2518715	.4291198	2.084668	.2286938
#1	.0054432	.0057886	22.41443	.1082593	.1593505	.3356468	201.6355
#2	.0053687	.0059254	22.15950	.1081054	.1600052	.3427383	200.8793
#3	.0055214	.0059514	22.22983	.1077303	.1607234	.3287419	201.7131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.72047	17.89960	.1868962	-.018222	.1651152	.1681058	.6815387
Stddev	.09693	.12187	.0007772	.000337	.2500676	.0018935	.0100491
%RSD	.3768582	.6808692	.4158450	1.850933	151.4503	1.126345	1.474473
#1	25.82861	18.04022	.1876355	-.017848	.4288237	.1660257	.6847672
#2	25.64142	17.82443	.1860859	-.018504	-.068607	.1685627	.6895767
#3	25.69138	17.83416	.1869673	-.018313	.135129	.1697289	.6702721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.821329	5.120084	-.522693	.0072387	.9394678	8.028925	.0604348
Stddev	.051988	.007382	.002980	.0002161	.0046877	.026450	.0010001
%RSD	.5893396	.1441843	.5701356	2.985278	.4989777	.3294324	1.654874
#1	8.768807	5.120263	-.523231	.0074758	.9340553	8.026579	.0598227
#2	8.872765	5.112614	-.525367	.0071877	.9421130	8.003727	.0598927
#3	8.822414	5.127375	-.519480	.0070527	.9422350	8.056471	.0615889

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-17 Acquired: 12/11/2024 1:22:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9460034	-.086949	.0005887
Stddev	.0004521	.000222	.0033830
%RSD	.0477849	.2552149	574.6587
#1	.9464778	-.086993	.0033680
#2	.9459548	-.086708	.0015762
#3	.9455776	-.087145	-.003178

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3299.098	36501.86	3661.306	2584.899	3805.823
Stddev	5.686	35.16	15.309	11.701	5.177
%RSD	.1723438	.0963286	.4181267	.4526517	.1360303
#1	3292.547	36510.51	3651.361	2579.862	3800.566
#2	3302.749	36531.89	3678.935	2576.561	3810.916
#3	3301.999	36463.18	3653.622	2598.275	3805.988

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-18 Acquired: 12/11/2024 1:26:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1016040	.0028280	8.100933	-.006678	-.001221	68.80249
Stddev	.0036720	.0013319	.020121	.001381	.000626	.53415
%RSD	3.614071	47.09624	.2483842	20.67821	51.28197	.7763567
#1	.1048405	.0028623	8.095145	-.005778	-.000508	69.06481
#2	.1023581	.0014793	8.084340	-.008267	-.001474	69.15475
#3	.0976135	.0041424	8.123314	-.005988	-.001682	68.18789

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.374021	.0072325	.0116666	133.6247	.1823860	.1027967
Stddev	.012282	.0001382	.0001331	1.2869	.0003703	.0002032
%RSD	.5173298	1.910067	1.140491	.9630392	.2030330	.1976201
#1	2.380049	.0073751	.0116338	134.1859	.1828093	.1026155
#2	2.382123	.0072230	.0115529	134.5358	.1821217	.1027584
#3	2.359890	.0070993	.0118129	132.1526	.1822271	.1030163

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4933967	180.3381	7.205408	46.47854	.2343112	-.016624
Stddev	.0017372	1.4538	.074754	.28207	.0010314	.001319
%RSD	.3520977	.8061701	1.037475	.6068783	.4401894	7.933700
#1	.4926407	181.1178	7.229091	46.72177	.2343492	-.017036
#2	.4921656	181.2357	7.265452	46.54452	.2332613	-.015148
#3	.4953839	178.6607	7.121681	46.16933	.2353230	-.017687

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4972257	.1877299	4.929583	7.758886	F 12.22383	-.378767
Stddev	.4018341	.0016054	.027252	.069951	.02666	.000295
%RSD	80.81523	.8551631	.5528162	.9015559	.2181026	.0777791
#1	.9435548	.1882006	4.955669	7.690729	12.23128	-.378709
#2	.3838951	.1890473	4.901299	7.830502	12.19423	-.379086
#3	.1642274	.1859417	4.931781	7.755428	12.24597	-.378505

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-18 Acquired: 12/11/2024 1:26:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067038	5.390831	8.824495	.1582742	1.264267	.0986496
Stddev	.0002475	.017028	.069162	.0004299	.015349	.0012525
%RSD	3.691783	.3158742	.7837526	.2715930	1.214049	1.269653
#1	.0064350	5.406875	8.820334	.1577925	1.271976	.0991656
#2	.0067540	5.372965	8.895643	.1586188	1.274232	.0995615
#3	.0069223	5.392654	8.757507	.1584113	1.246591	.0972215

Elem	Li6707
Units	ppm
Avg	.0168166
Stddev	.0032838
%RSD	19.52681
#1	.0178513
#2	.0194584
#3	.0131401

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2900.902	32151.24	3268.265	2279.589	3681.667
Stddev	5.960	97.94	29.843	2.029	2.874
%RSD	.2054578	.3046314	.9131160	.0890088	.0780517
#1	2900.513	32044.06	3261.063	2277.514	3682.595
#2	2895.145	32236.08	3242.682	2279.685	3678.444
#3	2907.047	32173.59	3301.050	2281.569	3683.961

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-19 Acquired: 12/11/2024 1:30:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0798104	.0008132	6.746898	-.005584	.0017273	74.63214
Stddev	.0015715	.0017445	.012137	.002257	.0002788	.18751
%RSD	1.969080	214.5070	.1798968	40.42438	16.14299	.2512513
#1	.0793645	.0023987	6.757082	-.006149	.0015836	74.80961
#2	.0785099	.0010966	6.733467	-.003098	.0015497	74.65082
#3	.0815567	-.001056	6.750145	-.007505	.0020487	74.43598

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.028553	.0096632	.0089394	103.5687	.1461375	.0997164
Stddev	.008610	.0002019	.0000699	.1166	.0021068	.0003982
%RSD	.4244557	2.089621	.7814956	.1126177	1.441665	.3993022
#1	2.038331	.0098526	.0088908	103.7003	.1458241	.0999354
#2	2.025226	.0094507	.0089078	103.4781	.1442049	.0992568
#3	2.022103	.0096862	.0090194	103.5276	.1483834	.0999571

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3868774	185.5168	5.756662	36.47402	.2220678	-.017225
Stddev	.0054551	.1010	.028660	.21868	.0008395	.000633
%RSD	1.410040	.0544518	.4978520	.5995631	.3780261	3.676946
#1	.3829016	185.6291	5.782869	36.61162	.2227765	-.016597
#2	.3930965	185.4879	5.761060	36.58859	.2211407	-.017863
#3	.3846340	185.4333	5.726058	36.22186	.2222862	-.017214

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5346432	.1941670	3.708299	8.386848	F 10.32564	-.374008
Stddev	.3854681	.0078882	.045524	.022970	.01767	.003611
%RSD	72.09820	4.062610	1.227633	.2738820	.1711699	.9655653
#1	.4226964	.1881130	3.691997	8.405951	10.34561	-.378173
#2	.2175395	.2030878	3.673171	8.393230	10.31203	-.371760
#3	.9636939	.1913004	3.759730	8.361361	10.31927	-.372089

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-19 Acquired: 12/11/2024 1:30:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067167	4.064340	8.661360	.1455830	1.819835	.1335013
Stddev	.0004206	.003600	.052467	.0012212	.005354	.0013350
%RSD	6.262133	.0885806	.6057581	.8387975	.2941934	1.000003
#1	.0066244	4.067492	8.721684	.1466472	1.823353	.1342198
#2	.0063499	4.065112	8.636057	.1442498	1.822478	.1343231
#3	.0071758	4.060417	8.626341	.1458520	1.813674	.1319609

Elem	Li6707
Units	ppm
Avg	.0125818
Stddev	.0046385
%RSD	36.86648
#1	.0158813
#2	.0072783
#3	.0145860

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2862.898	31743.72	3205.567	2242.340	3713.536
Stddev	11.424	146.32	24.413	12.417	13.676
%RSD	.3990459	.4609337	.7615766	.5537313	.3682654
#1	2862.411	31597.79	3184.281	2231.829	3707.870
#2	2874.557	31890.42	3200.205	2256.040	3729.134
#3	2851.724	31742.93	3232.215	2239.152	3703.604

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-20 Acquired: 12/11/2024 1:34:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0989899	.0062113	5.647444	-.009607	-.003649	63.61932	2.379241
Stddev	.0037859	.0021745	.017917	.006043	.000841	.19630	.004224
%RSD	3.824494	35.00890	.3172549	62.90525	23.03555	.3085610	.1775292
#1	.1028110	.0071655	5.659401	-.002988	-.002983	63.51995	2.378612
#2	.0952402	.0037228	5.626844	-.011002	-.004593	63.49257	2.375367
#3	.0989186	.0077455	5.656088	-.014831	-.003371	63.84544	2.383744

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061035	.0074764	190.5366	.1082197	.1089042	.3378666	166.5076
Stddev	.0001084	.0001007	.3757	.0002313	.0004573	.0017733	.2990
%RSD	1.776236	1.346938	.1971695	.2137002	.4199353	.5248557	.1795967
#1	.0062168	.0074979	190.8277	.1082620	.1092029	.3399138	166.3834
#2	.0060007	.0073668	190.1125	.1079701	.1083777	.3368801	166.2907
#3	.0060929	.0075647	190.6695	.1084268	.1091320	.3368059	166.8487

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.25884	37.26773	.1567238	-.015131	.5685586	.1676518	2.525339
Stddev	.03188	.15098	.0015723	.000675	.0526698	.0044021	.007640
%RSD	.2831920	.4051120	1.003196	4.460023	9.263747	2.625713	.3025239
#1	11.27716	37.42785	.1578356	-.015462	.5208120	.1642279	2.534125
#2	11.22202	37.12797	.1549250	-.014354	.5598082	.1661102	2.521633
#3	11.27733	37.24737	.1574109	-.015576	.6250556	.1726174	2.520259

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.764460	8.509693	-.381598	.0042486	2.689238	9.546679	.1014359
Stddev	.108497	.026191	.005588	.0000416	.003762	.065506	.0010093
%RSD	1.603931	.3077839	1.464401	.9793434	.1398883	.6861634	.9950397
#1	6.728871	8.536219	-.383813	.0042240	2.684983	9.588021	.1019227
#2	6.678228	8.483849	-.375242	.0042966	2.692123	9.471152	.1002755
#3	6.886283	8.509010	-.385739	.0042251	2.690608	9.580864	.1021096

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-20 Acquired: 12/11/2024 1:34:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHP9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.096233	.1703290	.0068244
Stddev	.008292	.0011683	.0016280
%RSD	.7563689	.6859095	23.85579
#1	1.105807	.1715877	.0058070
#2	1.091459	.1692794	.0059642
#3	1.091433	.1701198	.0087021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2870.832	32040.37	3250.104	2249.595	3625.808
Stddev	11.270	34.96	28.896	4.613	14.776
%RSD	.3925799	.1091241	.8890658	.2050374	.4075257
#1	2858.069	32080.47	3241.764	2248.752	3608.843
#2	2879.416	32024.36	3282.252	2254.571	3635.866
#3	2875.012	32016.28	3226.295	2245.463	3632.714

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-21 Acquired: 12/11/2024 1:37:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0725324	.0083661	5.239400	-.010463	-.005964	58.74482	1.813812
Stddev	.0025702	.0055026	.003185	.004996	.001589	.08314	.008888
%RSD	3.543527	65.77293	.0607889	47.74548	26.63528	.1415283	.4900087
#1	.0705116	.0097639	5.236624	-.015594	-.007769	58.82950	1.822921
#2	.0754252	.0130350	5.238698	-.005615	-.005346	58.66330	1.805163
#3	.0716605	.0022994	5.242877	-.010180	-.004778	58.74166	1.813352

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056591	.0062673	190.0569	.1098267	.0939692	.3393599	135.6413
Stddev	.0001253	.0000847	.4603	.0000336	.0004928	.0065153	.5122
%RSD	2.214434	1.352016	.2421672	.0305755	.5244488	1.919872	.3776344
#1	.0055418	.0063619	190.4793	.1098595	.0935901	.3384741	136.0749
#2	.0057912	.0061984	189.5664	.1097924	.0937911	.3333328	135.0761
#3	.0056442	.0062416	190.1249	.1098282	.0945263	.3462727	135.7727

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.517508	63.31484	.1488736	-.013283	-.599857	.1450079	2.467842
Stddev	.015694	.30005	.0003604	.000261	.255584	.0025801	.014879
%RSD	.2087696	.4739053	.2420737	1.962071	42.60751	1.779310	.6029118
#1	7.507286	63.01033	.1492897	-.013290	-.600511	.1475334	2.479251
#2	7.509659	63.32396	.1486641	-.013540	-.855114	.1423763	2.451013
#3	7.535578	63.61022	.1486669	-.013019	-.343947	.1451140	2.473262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.350874	8.986068	-.305942	.0027825	2.677348	8.652255	.1076070
Stddev	.059206	.006874	.001480	.0002678	.006879	.071204	.0012417
%RSD	.9322568	.0764997	.4836341	9.625336	.2569211	.8229482	1.153938
#1	6.286422	8.978325	-.304365	.0026465	2.670502	8.573119	.1076168
#2	6.363356	8.988427	-.306162	.0026099	2.677282	8.711139	.1063605
#3	6.402845	8.991453	-.307299	.0030910	2.684259	8.672508	.1088439

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-21 Acquired: 12/11/2024 1:37:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHQ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9704064	.1022032	.0078189
Stddev	.0054135	.0005656	.0045749
%RSD	.5578547	.5533889	58.51045
#1	.9690326	.1017314	.0037942
#2	.9658121	.1020481	.0127945
#3	.9763744	.1028302	.0068680

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2844.407	31426.38	3195.656	2209.121	3587.526
Stddev	5.497	96.93	16.465	9.044	7.292
%RSD	.1932723	.3084331	.5152284	.4093924	.2032515
#1	2842.138	31448.31	3212.071	2204.140	3580.559
#2	2850.676	31320.37	3179.142	2203.662	3595.104
#3	2840.408	31510.47	3195.755	2219.560	3586.917

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-22 Acquired: 12/11/2024 1:41:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1382068	.0054119	1.698145	.0093128	.0031786	79.74928
Stddev	.0037266	.0014057	.006789	.0034334	.0024062	.45618
%RSD	2.696369	25.97488	.3998055	36.86770	75.69925	.5720175
#1	.1417397	.0062111	1.692554	.0130336	.0014518	80.26545
#2	.1343128	.0037887	1.696182	.0062670	.0021570	79.40023
#3	.1385679	.0062358	1.705700	.0086377	.0059270	79.58214

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.179035	.0070194	.0144084	56.09045	.1478457	.1443517
Stddev	.008802	.0001535	.0000455	.34976	.0006317	.0008880
%RSD	.7465841	2.187021	.3157601	.6235589	.4272848	.6151543
#1	1.189198	.0071844	.0144465	56.48976	.1472588	.1444608
#2	1.173835	.0068809	.0143580	55.83843	.1485143	.1434142
#3	1.174072	.0069929	.0144206	55.94316	.1477640	.1451801

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3967123	205.6941	17.82781	22.31804	.2566904	-.018715
Stddev	.0046311	1.2545	.09140	.14599	.0001579	.000752
%RSD	1.167359	.6098629	.5126721	.6541554	.0615172	4.016663
#1	.4010945	207.1397	17.93333	22.47654	.2566479	-.018535
#2	.3971753	205.0512	17.77341	22.28851	.2568652	-.019541
#3	.3918671	204.8914	17.77668	22.18906	.2565581	-.018070

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4455474	.2065437	2.199305	11.32332	F 12.30573	-.501054
Stddev	.5505317	.0060396	.023042	.21288	.04396	.005868
%RSD	123.5630	2.924115	1.047705	1.879973	.3572192	1.171180
#1	.9730537	.2134404	2.222534	11.55092	12.26973	-.495368
#2	-.125432	.2021993	2.198929	11.12911	12.29274	-.500706
#3	.489020	.2039913	2.176454	11.28992	12.35472	-.507089

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4932-22 Acquired: 12/11/2024 1:41:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076151	3.706218	7.911495	.1553679	1.315292	.0622060
Stddev	.0000953	.011961	.079040	.0015371	.001694	.0009838
%RSD	1.251135	.3227385	.9990557	.9893027	.1287908	1.581530
#1	.0076842	3.707402	7.926329	.1551772	1.316320	.0624661
#2	.0075064	3.693709	7.826089	.1539351	1.313336	.0611183
#3	.0076546	3.717543	7.982068	.1569914	1.316219	.0630336

Elem	Li6707
Units	ppm
Avg	.0156583
Stddev	.0022086
%RSD	14.10484
#1	.0147444
#2	.0140534
#3	.0181772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.249	34073.47	3405.351	2402.068	3723.858
Stddev	5.292	264.03	24.100	13.988	9.615
%RSD	.1729844	.7748977	.7077134	.5823173	.2581950
#1	3064.912	33874.15	3384.519	2395.152	3733.442
#2	3058.407	33973.33	3431.746	2392.886	3723.918
#3	3054.429	34372.92	3399.788	2418.166	3714.213

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-05DLX5 Acquired: 12/11/2024 1:45:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0810380	.0153331	.8692874	-.000600	-.007076	34.38268	1.747807
Stddev	.0035098	.0015400	.0020885	.003830	.002441	.18466	.008524
%RSD	4.331108	10.04365	.2402559	638.1998	34.48832	.5370614	.4876801
#1	.0773125	.0152143	.8678645	.003117	-.007985	34.33493	1.747254
#2	.0815188	.0138559	.8716851	-.000383	-.004312	34.58652	1.756593
#3	.0842826	.0169291	.8683126	-.004534	-.008933	34.22658	1.739573

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019034	.0043258	185.3963	.0749258	.0925083	.3076013	100.7828
Stddev	.0000493	.0000415	.8774	.0002507	.0002157	.0107561	.5443
%RSD	2.588811	.9590737	.4732781	.3346475	.2332091	3.496757	.5400230
#1	.0019462	.0042876	185.5652	.0748135	.0924330	.2962709	100.8860
#2	.0019144	.0043199	186.1770	.0752131	.0923402	.3176721	101.2681
#3	.0018495	.0043700	184.4466	.0747509	.0927516	.3088609	100.1944

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.90465	35.40164	.1214497	-.007149	-.353384	.0836756	.6924182
Stddev	.12754	.37626	.0012895	.001025	.260557	.0039465	.0044234
%RSD	.6746249	1.062832	1.061770	14.33397	73.73181	4.716382	.6388284
#1	18.94880	35.67056	.1217453	-.007919	-.054190	.0792224	.6903147
#2	19.00425	35.56271	.1200381	-.007543	-.530398	.0867396	.6894391
#3	18.76091	34.97166	.1225659	-.005986	-.475566	.0850649	.6975008

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.394016	8.218873	-.250103	.0044200	1.164890	4.484289	.0741871
Stddev	.103572	.021756	.003386	.0000867	.001644	.033666	.0003453
%RSD	2.357107	.2647024	1.353750	1.962380	.1411113	.7507565	.4654012
#1	4.513296	8.205752	-.254011	.0043394	1.166472	4.511985	.0741235
#2	4.326878	8.206883	-.248238	.0044089	1.165007	4.494066	.0745597
#3	4.341873	8.243986	-.248060	.0045118	1.163191	4.446817	.0738780

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-05DLX5 Acquired: 12/11/2024 1:45:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5741267	.1399911	-.024175
Stddev	.0024028	.0011127	.002501
%RSD	.4185076	.7948447	10.34591
#1	.5716230	.1408151	-.026991
#2	.5764139	.1404328	-.023319
#3	.5743432	.1387253	-.022213

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2768.829	30582.55	3098.952	2157.086	3659.471
Stddev	4.744	77.92	21.650	5.243	4.046
%RSD	.1713432	.2547873	.6986378	.2430629	.1105688
#1	2764.081	30586.04	3077.562	2151.973	3654.842
#2	2768.839	30658.67	3098.439	2162.450	3661.237
#3	2773.569	30502.94	3120.854	2156.836	3662.334

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV095 Acquired: 12/11/2024 1:49:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.909463	4.813429	24.40643	4.639864	4.752354	396.2058
Stddev	.013426	.018087	.09672	.007660	.012647	1.2470
%RSD	.2734693	.3757574	.3962887	.1650806	.2661235	.3147365
#1	4.912602	4.819853	24.43879	4.648642	4.753084	395.5583
#2	4.921041	4.827426	24.48281	4.636415	4.764621	397.6434
#3	4.894745	4.793007	24.29767	4.634535	4.739358	395.4158

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.865309	.4916824	2.453248	395.3380	15.24765	2.497328
Stddev	.021863	.0035364	.011999	1.0148	.02475	.011922
%RSD	.2216178	.7192378	.4890918	.2566796	.1623509	.4773708
#1	9.852714	.4957338	2.458414	395.3197	15.27530	2.503820
#2	9.890555	.4900992	2.461799	396.3618	15.24009	2.504595
#3	9.852660	.4892143	2.439532	394.3326	15.22755	2.483570

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.53946	391.9747	14.10418	390.0202	2.476070	1.216978
Stddev	.05559	1.5714	.04029	1.8421	.010729	.003786
%RSD	.3823457	.4008897	.2856776	.4723098	.4333243	.3110618
#1	14.52166	391.0593	14.09869	389.3355	2.480663	1.220973
#2	14.60176	393.7891	14.14694	392.1066	2.483738	1.216517
#3	14.49494	391.0757	14.06692	388.6185	2.463808	1.213444

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	391.0808	2.436715	13.63194	148.5593	4.928197	F 4.064020
Stddev	2.3518	.008430	.03884	.7797	.029319	.015325
%RSD	.6013637	.3459615	.2848921	.5248266	.5949239	.3770904
#1	391.2786	2.442818	13.58764	148.1881	4.946715	4.080898
#2	393.3275	2.440230	13.64805	149.4552	4.943483	4.060186
#3	388.6363	2.427096	13.66013	148.0345	4.894394	4.050975

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV095 Acquired: 12/11/2024 1:49:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.722044	4.953044	4.748213	4.896558	4.823645	4.713824
Stddev	.011280	.023641	.028980	.020580	.026301	.017904
%RSD	.2388692	.4773040	.6103340	.4202888	.5452509	.3798248
#1	4.724530	4.971403	4.776093	4.903701	4.819778	4.710171
#2	4.731874	4.961360	4.750300	4.912615	4.851665	4.733273
#3	4.709729	4.926368	4.718246	4.873359	4.799491	4.698027

Elem	Li6707
Units	ppm
Avg	4.971136
Stddev	.005818
%RSD	.1170270
#1	4.965838
#2	4.977362
#3	4.970209

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2154.938	24870.22	2691.195	1643.317	3166.463
Stddev	1.512	89.55	12.998	6.241	4.842
%RSD	.0701566	.3600863	.4829864	.3797905	.1529127
#1	2156.271	24956.37	2691.650	1649.009	3164.322
#2	2155.248	24777.61	2677.975	1636.643	3163.060
#3	2153.296	24876.70	2703.959	1644.300	3172.006

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB095 Acquired: 12/11/2024 1:52:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003405	.0020132	.0018730	.0088410	.0001652	.0057611
Stddev	.001328	.0026062	.0006968	.0038183	.0005962	.0160265
%RSD	38.99714	129.4540	37.20257	43.18898	360.8341	278.1835
#1	-.003362	.0050158	.0026217	.0083526	.0008310	.0019096
#2	-.004754	.0006868	.0012434	.0052904	-.000319	.0233624
#3	-.002099	.0003371	.0017540	.0128801	-.000016	-.007989

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004940	-.000035	.0000941	.0281053	.0002684	.0000571
Stddev	.000348	.000128	.0000999	.0280193	.0003597	.0002269
%RSD	7.049041	365.9972	106.1967	99.69382	133.9912	397.6097
#1	-.004742	-.000144	.0001737	.0486333	.0004841	-.000203
#2	-.005342	-.000067	.0001266	.0394985	-.000147	.000163
#3	-.004735	.000106	-.000018	-.003816	.000468	.000212

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031678	.0139468	.0008791	-.068693	-.000040	-.000239
Stddev	.0043578	.0139922	.0005877	.056923	.000313	.000749
%RSD	137.5666	100.3260	66.85382	82.86583	787.5097	314.1736
#1	-.000910	.0213494	.0010776	-.037475	-.000313	-.000147
#2	.007760	-.002192	.0002179	-.034209	.000301	.000461
#3	.002654	.022683	.0013419	-.134394	-.000107	-.001029

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.987089	-.003666	.0061313	-.617742	-.000592	.0099945
Stddev	.329868	.004306	.0057157	.193359	.000261	.0036619
%RSD	33.41825	117.4484	93.22111	31.30094	44.14859	36.63957
#1	-.678444	.000635	.0069781	-.444747	-.000684	.0141166
#2	-.948107	-.003657	.0000395	-.582001	-.000297	.0071174
#3	-1.33472	-.007976	.0113765	-.826477	-.000794	.0087495

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB095 Acquired: 12/11/2024 1:52:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB095 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000453	-.004640	.0008125	.0005085	.0045584	.0000447
Stddev	.000179	.001564	.0001838	.0008120	.0005652	.0001209
%RSD	39.49585	33.70576	22.61992	159.6934	12.39864	270.8900
#1	-.000512	-.005059	.0009601	-.000428	.0039387	.0001721
#2	-.000252	-.002909	.0006067	.000942	.0050456	-.000069
#3	-.000596	-.005951	.0008707	.001012	.0046908	.000030

Elem	Li6707
Units	ppm
Avg	F -.056309
Stddev	.006017
%RSD	10.68587
#1	-.061591
#2	-.049759
#3	-.057577

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2572.758	28536.39	2787.693	2017.562	4001.376
Stddev	9.523	151.81	20.605	10.677	12.570
%RSD	.3701382	.5319850	.7391463	.5292029	.3141359
#1	2562.745	28711.60	2769.425	2029.730	3988.035
#2	2573.829	28443.98	2810.028	2009.757	4003.096
#3	2581.700	28453.60	2783.624	2013.200	4012.998

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-18 Acquired: 12/11/2024 1:56:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1086817	.0040363	3.741115	-.004977	-.000509	72.57779
Stddev	.0029105	.0008415	.007756	.004139	.002785	.13165
%RSD	2.677967	20.84741	.2073285	83.16092	546.7939	.1813885
#1	.1093640	.0033729	3.739526	-.008978	.002546	72.53842
#2	.1054908	.0037531	3.734276	-.000712	-.002906	72.72462
#3	.1111905	.0049828	3.749543	-.005241	-.001168	72.47031

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.758460	.0060837	.0205668	171.8829	.1655613	.1103045
Stddev	.008118	.0000542	.0000869	.2207	.0009617	.0003634
%RSD	.2942820	.8908103	.4227075	.1283868	.5808587	.3294846
#1	2.754382	.0061435	.0206601	172.0601	.1645750	.1099220
#2	2.767808	.0060698	.0205522	171.9527	.1664963	.1103462
#3	2.753189	.0060378	.0204881	171.6357	.1656127	.1106453

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.339493	157.4313	8.413763	40.44326	.2018279	-.008258
Stddev	.008160	.4974	.037371	.32694	.0014495	.000363
%RSD	.6091662	.3159479	.4441704	.8084025	.7181793	4.391209
#1	1.331306	157.5347	8.456881	40.69949	.2002851	-.008647
#2	1.347626	157.8689	8.390699	40.07504	.2020375	-.007929
#3	1.339546	156.8903	8.393709	40.55525	.2031612	-.008198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2760517	.1783649	3.730700	10.53252	F 19.37797	-.356651
Stddev	.6571325	.0008724	.042918	.21777	.00886	.001631
%RSD	238.0469	.4890868	1.150401	2.067560	.0457147	.4573608
#1	-.232233	.1786375	3.779014	10.43721	19.37209	-.356802
#2	.042283	.1790685	3.716094	10.78170	19.37365	-.354950
#3	1.018106	.1773888	3.696991	10.37867	19.38816	-.358202

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-18 Acquired: 12/11/2024 1:56:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083756	3.739273	8.963967	.2275678	1.034138	.2089109
Stddev	.0000975	.012016	.056099	.0010935	.004946	.0014661
%RSD	1.164186	.3213579	.6258235	.4805327	.4782639	.7017893
#1	.0082886	3.752963	8.929253	.2271886	1.036749	.2105598
#2	.0084810	3.730469	8.933960	.2267144	1.028434	.2084185
#3	.0083572	3.734388	9.028687	.2288005	1.037231	.2077544

Elem	Li6707
Units	ppm
Avg	.0309318
Stddev	.0017727
%RSD	5.730976
#1	.0289527
#2	.0323740
#3	.0314687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2887.842	32038.98	3270.840	2267.170	3644.334
Stddev	4.935	123.26	14.028	3.571	9.164
%RSD	.1709041	.3847245	.4288670	.1575094	.2514472
#1	2884.266	32001.25	3285.044	2268.368	3639.769
#2	2893.473	31938.99	3270.479	2269.988	3654.883
#3	2885.787	32176.69	3256.996	2263.154	3638.350

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-19 Acquired: 12/11/2024 2:00:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1512075	.0069788	4.538808	-.004318	-.001194	85.10787
Stddev	.0032654	.0009452	.015855	.002903	.000738	.40444
%RSD	2.159526	13.54340	.3493184	67.23527	61.83157	.4752112
#1	.1548461	.0059699	4.540900	-.004590	-.000992	84.93576
#2	.1502443	.0071226	4.522011	-.001288	-.002011	85.56989
#3	.1485320	.0078438	4.553513	-.007076	-.000577	84.81794

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.905963	.0075995	.0174816	182.7300	.1793721	.1355549
Stddev	.019085	.0000978	.0001389	.6561	.0003320	.0007718
%RSD	.6567386	1.286811	.7948530	.3590410	.1851076	.5693830
#1	2.901177	.0075109	.0174638	182.5265	.1791689	.1360975
#2	2.926985	.0075832	.0173524	183.4637	.1791921	.1346713
#3	2.889728	.0077044	.0176286	182.1998	.1797552	.1358958

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9488800	183.2224	11.54704	42.61997	.2340371	-.011812
Stddev	.0025297	.7051	.03379	.15156	.0007703	.001321
%RSD	.2665979	.3848083	.2926615	.3556020	.3291347	11.18431
#1	.9460061	182.8269	11.54823	42.55051	.2334602	-.012976
#2	.9498639	184.0364	11.58023	42.79381	.2337393	-.012084
#3	.9507699	182.8039	11.51267	42.51560	.2349118	-.010376

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4660505	.2155065	3.991525	13.79215	F 22.80875	-.412678
Stddev	.2325945	.0039126	.012167	.23645	.07251	.004984
%RSD	49.90758	1.815536	.3048223	1.714380	.3178890	1.207760
#1	.2746227	.2146500	3.979331	13.63877	22.81076	-.412378
#2	.3986180	.2120931	4.003665	14.06445	22.73526	-.407851
#3	.7249108	.2197764	3.991579	13.67323	22.88023	-.417806

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-19 Acquired: 12/11/2024 2:00:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088700	4.266267	8.445818	.4103536	1.078449	.2411267
Stddev	.0002675	.016718	.042011	.0023876	.003282	.0011227
%RSD	3.016142	.3918730	.4974231	.5818314	.3043013	.4656239
#1	.0091789	4.275221	8.425613	.4090507	1.081994	.2424219
#2	.0087222	4.246979	8.417727	.4089010	1.077836	.2405296
#3	.0087091	4.276601	8.494115	.4131092	1.075517	.2404287

Elem	Li6707
Units	ppm
Avg	.0492838
Stddev	.0051503
%RSD	10.45021
#1	.0530703
#2	.0434191
#3	.0513618

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3059.940	33837.22	3472.150	2392.137	3619.236
Stddev	22.134	237.15	4.178	5.468	26.658
%RSD	.7233509	.7008700	.1203215	.2285918	.7365564
#1	3056.561	33769.64	3473.715	2398.166	3614.396
#2	3083.570	33641.19	3467.416	2387.497	3647.982
#3	3039.690	34100.83	3475.319	2390.747	3595.330

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-20 Acquired: 12/11/2024 2:04:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1687991	.0030428	7.666011	.0129341	.0051142	58.46177
Stddev	.0011751	.0022805	.011495	.0028605	.0019944	.17081
%RSD	.6961764	74.94636	.1499431	22.11635	38.99796	.2921729
#1	.1694107	.0052515	7.658914	.0114817	.0028145	58.61945
#2	.1674443	.0031803	7.659846	.0110911	.0063695	58.48553
#3	.1695422	.0006967	7.679273	.0162294	.0061587	58.28032

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.950706	.0056798	.0081603	32.94092	.1882689	.1106666
Stddev	.004577	.0001847	.0000335	.07389	.0004374	.0004188
%RSD	.2346366	3.251660	.4099535	.2243232	.2323396	.3784398
#1	1.950346	.0056600	.0081595	33.02554	.1879130	.1101920
#2	1.955452	.0055059	.0081273	32.90814	.1887572	.1108232
#3	1.946319	.0058737	.0081942	32.88909	.1881364	.1109844

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5437644	146.2539	12.29736	14.48827	.2098602	-.007757
Stddev	.0061188	.4819	.06901	.07797	.0006040	.000479
%RSD	1.125257	.3295100	.5611781	.5381342	.2878232	6.176144
#1	.5508108	146.3437	12.37704	14.57098	.2099018	-.007561
#2	.5397944	146.6845	12.25829	14.47768	.2092364	-.007407
#3	.5406878	145.7334	12.25674	14.41613	.2104423	-.008303

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.267521	.1504933	1.944244	6.930776	F 12.78605	-.351907
Stddev	.151512	.0067736	.004813	.090335	.01895	.005028
%RSD	56.63550	4.500916	.2475635	1.303393	.1481936	1.428877
#1	-.354475	.1518125	1.939411	7.005917	12.78777	-.354967
#2	-.092571	.1565103	1.949037	6.955860	12.76630	-.346104
#3	-.355517	.1431572	1.944283	6.830549	12.80408	-.354649

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-20 Acquired: 12/11/2024 2:04:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117342	3.464901	9.399168	.3471301	1.226672	-.000407
Stddev	.0003160	.008296	.075132	.0012243	.013912	.000555
%RSD	2.692987	.2394304	.7993480	.3526910	1.134105	136.4005
#1	.0119274	3.462298	9.434285	.3469579	1.241408	.000190
#2	.0119056	3.458218	9.312908	.3460009	1.213766	-.000908
#3	.0113695	3.474186	9.450311	.3484313	1.224840	-.000503

Elem	Li6707
Units	ppm
Avg	.0017301
Stddev	.0014900
%RSD	86.12449
#1	.0022046
#2	.0029250
#3	.0000606

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2922.431	32639.20	3234.427	2293.893	3782.326
Stddev	4.024	242.82	14.838	5.786	3.920
%RSD	.1376909	.7439376	.4587628	.2522170	.1036361
#1	2923.324	32468.53	3217.532	2292.448	3782.525
#2	2925.933	32531.89	3245.343	2288.967	3786.143
#3	2918.035	32917.18	3240.405	2300.264	3778.311

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-21 Acquired: 12/11/2024 2:08:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.1684369	.0042284	7.614832	.0137534	.0034795	57.86478
Stddev	.0014631	.0006641	.019388	.0005033	.0006210	.24206
%RSD	.8686141	15.70479	.2546126	3.659220	17.84861	.4183167
#1	.1701169	.0040896	7.606993	.0132896	.0041927	57.97114
#2	.1674426	.0036448	7.600590	.0136821	.0030579	57.58776
#3	.1677512	.0049509	7.636912	.0142885	.0031879	58.03545

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.932733	.0056959	.0080798	32.52245	.1867810	.1103850
Stddev	.008679	.0000293	.0000787	.07439	.0008436	.0003891
%RSD	.4490711	.5145369	.9736487	.2287482	.4516712	.3524540
#1	1.941100	.0057184	.0080043	32.57422	.1877339	.1101892
#2	1.923772	.0056628	.0081613	32.43720	.1864795	.1108331
#3	1.933327	.0057064	.0080739	32.55593	.1861295	.1101328

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5372240	144.4593	12.14413	14.41042	.2083455	-.007867
Stddev	.0067398	.3245	.05116	.03311	.0007803	.001133
%RSD	1.254558	.2246094	.4212989	.2297677	.3745365	14.40194
#1	.5309664	144.7196	12.15355	14.44862	.2082554	-.008879
#2	.5363456	144.0957	12.08891	14.39268	.2076141	-.008079
#3	.5443599	144.5625	12.18993	14.38996	.2091669	-.006643

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2162829	.1552426	1.906556	6.860540	F 12.67642	-.353330
Stddev	.1393368	.0026264	.018192	.032035	.03916	.006408
%RSD	64.42339	1.691826	.9542003	.4669425	.3089195	1.813588
#1	.0998353	.1579845	1.910540	6.864389	12.65275	-.354636
#2	.3706560	.1527493	1.922427	6.826754	12.65489	-.346369
#3	.1783573	.1549939	1.886702	6.890476	12.72162	-.358984

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-21 Acquired: 12/11/2024 2:08:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118280	3.442281	9.290772	.3443835	1.206733	-.000505
Stddev	.0003687	.013106	.106484	.0011857	.004453	.000168
%RSD	3.117115	.3807335	1.146124	.3443067	.3689843	33.21808
#1	.0114701	3.427824	9.320684	.3435333	1.206068	-.000697
#2	.0122066	3.445634	9.172531	.3438791	1.202650	-.000433
#3	.0118074	3.453384	9.379101	.3457380	1.211480	-.000386

Elem	Li6707
Units	ppm
Avg	-.002190
Stddev	.003388
%RSD	154.7346
#1	.000583
#2	-.005967
#3	-.001185

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.188	32739.18	3227.686	2290.706	3786.942
Stddev	10.736	137.70	25.406	10.902	9.237
%RSD	.3672554	.4205833	.7871125	.4759241	.2439109
#1	2923.993	32687.23	3226.274	2288.208	3786.896
#2	2933.499	32635.02	3253.768	2281.269	3796.202
#3	2912.073	32895.30	3203.016	2302.639	3777.728

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-20DLX5 Acquired: 12/11/2024 2:12:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.0354519	.0021202	1.554559	.0028798	.0032481	13.33344	.4353938
Stddev	.0031225	.0008924	.004997	.0050786	.0010060	.11807	.0050577
%RSD	8.807689	42.09297	.3214477	176.3545	30.97044	.8854914	1.161636
#1	.0383327	.0028643	1.549872	.0025432	.0025975	13.35606	.4379255
#2	.0358893	.0011307	1.553988	.0081183	.0027401	13.43856	.4386856
#3	.0321338	.0023654	1.559817	-.002022	.0044068	13.20570	.4295702

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012544	.0015878	7.482386	.0422324	.0238178	.1350493	32.99217
Stddev	.0000405	.0000256	.062506	.0009005	.0001894	.0133216	.31202
%RSD	3.227643	1.610802	.8353802	2.132319	.7950468	9.864276	.9457516
#1	.0012243	.0015602	7.553825	.0423439	.0240362	.1496817	33.19449
#2	.0012385	.0016107	7.455579	.0412813	.0236996	.1318425	33.14919
#3	.0013005	.0015924	7.437754	.0430719	.0237176	.1236238	32.63282

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.811738	3.262615	.0413983	-.002194	-.378761	.0366879	.4459096
Stddev	.019200	.120671	.0003116	.000929	.383278	.0045803	.0023509
%RSD	.6828359	3.698590	.7525766	42.32979	101.1925	12.48446	.5272110
#1	2.829595	3.167799	.0417486	-.001808	-.420224	.0413728	.4461143
#2	2.814188	3.398447	.0411522	-.001521	-.739621	.0322200	.4481514
#3	2.791431	3.221597	.0412940	-.003254	.023563	.0364708	.4434630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.008897	2.593291	-.086927	.0017872	.6995635	2.193504	.0601291
Stddev	.082641	.006060	.001614	.0000287	.0059501	.013711	.0008246
%RSD	8.191239	.2336618	1.856526	1.605883	.8505464	.6250785	1.371331
#1	.959618	2.586774	-.085077	.0017557	.7038622	2.192883	.0600340
#2	.962767	2.594343	-.087658	.0018118	.6927725	2.207515	.0593563
#3	1.104305	2.598756	-.088046	.0017943	.7020557	2.180114	.0609971

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-20DLX5 Acquired: 12/11/2024 2:12:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2801691	-.000019	-.058056
Stddev	.0007255	.000101	.002280
%RSD	.2589470	529.5852	3.927830
#1	.2801799	-.000037	-.058831
#2	.2808891	-.000109	-.059847
#3	.2794382	.000090	-.055489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2644.108	29634.32	2922.201	2078.442	3948.335
Stddev	4.362	196.53	32.811	17.513	9.833
%RSD	.1649819	.6631688	1.122802	.8425911	.2490507
#1	2642.818	29432.33	2899.041	2059.247	3941.384
#2	2648.970	29645.75	2907.816	2082.528	3959.586
#3	2640.537	29824.88	2959.747	2093.550	3944.035

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-22 Acquired: 12/11/2024 2:15:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.2520423	.0976499	7.726246	.1603634	.1638777	61.35074
Stddev	.0013663	.0023691	.033664	.0018539	.0019826	.13660
%RSD	.5420897	2.426154	.4357061	1.156089	1.209793	.2226463
#1	.2516759	.0981140	7.706859	.1608758	.1660949	61.34232
#2	.2508966	.0950831	7.706761	.1583071	.1632628	61.49136
#3	.2535545	.0997527	7.765117	.1619072	.1622754	61.21855

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.611283	.0944913	.1053348	32.83273	.5719822	1.160429
Stddev	.007497	.0009553	.0004573	.08766	.0031085	.005147
%RSD	.1335988	1.011018	.4341080	.2670047	.5434642	.4435358
#1	5.611319	.0954107	.1050100	32.82992	.5721570	1.158012
#2	5.618761	.0935037	.1051368	32.92177	.5749996	1.156936
#3	5.603768	.0945595	.1058577	32.74650	.5687899	1.166340

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9783406	146.5972	13.21369	14.60564	1.270034	.0750983
Stddev	.0038626	.3062	.01910	.03870	.004759	.0014309
%RSD	.3948088	.2088559	.1445603	.2649677	.3746820	1.905330
#1	.9782042	146.5144	13.22510	14.56121	1.267227	.0735761
#2	.9822696	146.9362	13.22434	14.62372	1.267347	.0764157
#3	.9745481	146.3408	13.19164	14.63199	1.275528	.0753033

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.090584	1.084533	2.682989	6.813911	F 12.80401	-.363340
Stddev	.700418	.002909	.037329	.101249	.05325	.003936
%RSD	773.2226	.2682556	1.391313	1.485915	.4158875	1.083309
#1	.411501	1.083405	2.663551	6.916681	12.75784	-.366787
#2	-.890734	1.082357	2.726025	6.714255	12.79192	-.359051
#3	.207481	1.087838	2.659390	6.810798	12.86226	-.364183

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4933-22 Acquired: 12/11/2024 2:15:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHX4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0117122	3.523129	9.330387	.3485737	1.221666	-.001295
Stddev	.0003314	.016154	.086461	.0025786	.003450	.000294
%RSD	2.829491	.4584997	.9266643	.7397433	.2823963	22.67277
#1	.0113303	3.510724	9.422882	.3455963	1.225611	-.001101
#2	.0119241	3.517269	9.251597	.3500803	1.219213	-.001632
#3	.0118822	3.541395	9.316683	.3500444	1.220175	-.001151

Elem	Li6707
Units	ppm
Avg	-.006463
Stddev	.000802
%RSD	12.41506
#1	-.006393
#2	-.005698
#3	-.007298

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2933.342	32676.04	3243.519	2291.972	3798.843
Stddev	5.763	207.47	18.939	8.985	6.358
%RSD	.1964769	.6349293	.5839089	.3920139	.1673554
#1	2926.859	32744.67	3222.999	2291.301	3797.337
#2	2937.883	32442.96	3260.328	2283.342	3805.818
#3	2935.285	32840.51	3247.229	2301.274	3793.374

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4939-10A Acquired: 12/11/2024 2:19:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1392919	.0054463	3.766225	.0336327	-.004546	75.99840	1.147926
Stddev	.0005356	.0025241	.008527	.0022192	.000860	.09554	.003424
%RSD	.3845261	46.34553	.2264107	6.598459	18.91586	.1257121	.2982863
#1	.1398522	.0061271	3.761090	.0311830	-.003645	76.03336	1.150644
#2	.1387849	.0075601	3.761516	.0342061	-.005358	75.89030	1.149054
#3	.1392385	.0026516	3.776068	.0355089	-.004636	76.07153	1.144080

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075147	.0103672	273.1619	.1380073	.1672135	.4741212	192.0543
Stddev	.0000632	.0000453	.2253	.0011780	.0006539	.0117300	.2095
%RSD	.8408383	.4370964	.0824912	.8535926	.3910566	2.474049	.1090910
#1	.0074455	.0104064	273.4189	.1379535	.1674081	.4876173	191.9346
#2	.0075294	.0103176	273.0690	.1368571	.1664843	.4683654	192.2962
#3	.0075693	.0103776	272.9980	.1392113	.1677479	.4663810	191.9320

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.18209	65.72568	.2609510	-.018671	.3699958	.1848948	1.488993
Stddev	.01148	.22937	.0014487	.000886	.3293987	.0003156	.009509
%RSD	.1127125	.3489746	.5551741	4.746178	89.02769	.1706657	.6386363
#1	10.16939	65.46960	.2597989	-.019583	.2320097	.1847941	1.490383
#2	10.18518	65.91225	.2604767	-.017813	.7459472	.1846419	1.478865
#3	10.19171	65.79520	.2625775	-.018617	.1320306	.1852484	1.497730

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.163586	9.343363	-.461876	.0036780	3.081325	8.491542	.3577265
Stddev	.053601	.033152	.004371	.0002574	.006267	.006767	.0024821
%RSD	.5849312	.3548163	.9464155	6.999088	.2033747	.0796887	.6938515
#1	9.112237	9.336420	-.461384	.0038110	3.081153	8.485608	.3574591
#2	9.159334	9.314232	-.457771	.0038418	3.075146	8.498911	.3553890
#3	9.219186	9.379436	-.466472	.0033813	3.087676	8.490106	.3603315

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4939-10A Acquired: 12/11/2024 2:19:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHW8A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.236265	.1904714	.0504018
Stddev	.003154	.0002108	.0057267
%RSD	.2551463	.1106824	11.36218
#1	1.236299	.1902350	.0567866
#2	1.233093	.1905390	.0457190
#3	1.239402	.1906401	.0486998

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2940.829	32614.34	3340.552	2301.768	3534.970
Stddev	9.195	177.76	8.538	12.470	14.423
%RSD	.3126809	.5450390	.2555898	.5417510	.4080181
#1	2950.676	32660.99	3340.241	2303.571	3547.669
#2	2939.345	32764.12	3349.242	2313.237	3537.952
#3	2932.466	32417.90	3332.174	2288.494	3519.289

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4939-22DLX2 Acquired: 12/11/2024 2:23:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) 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	.0623019	.0061987	2.911024	-.006943	-.002452	44.40259
Stddev	.0045636	.0008801	.009312	.003956	.001989	.09257
%RSD	7.324897	14.19764	.3198817	56.97765	81.12079	.2084864
#1	.0578966	.0071796	2.905629	-.006840	-.001076	44.39940
#2	.0620004	.0059383	2.905665	-.003040	-.001548	44.49672
#3	.0670087	.0054782	2.921776	-.010950	-.004733	44.31166

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.578360	.0036943	.0138894	105.7071	.0958171	.0690386
Stddev	.000832	.0001500	.0001571	.1183	.0005638	.0002446
%RSD	.0527077	4.061174	1.130733	.1119437	.5883742	.3542200
#1	1.577431	.0035703	.0140678	105.6876	.0958294	.0688399
#2	1.578610	.0036516	.0137719	105.5997	.0952473	.0689642
#3	1.579038	.0038611	.0138285	105.8339	.0963746	.0693117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.69847	87.21997	4.692522	21.80126	.1137905	-.002515
Stddev	.02067	.02161	.019843	.05492	.0005001	.000421
%RSD	.1105535	.0247800	.4228568	.2519235	.4395130	16.74075
#1	18.71210	87.20470	4.700448	21.83802	.1139455	-.002815
#2	18.70862	87.21051	4.669942	21.73813	.1141947	-.002697
#3	18.67468	87.24470	4.707178	21.82764	.1132312	-.002034

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1454936	.1168703	2.709180	6.128898	F 12.98816	-.201163
Stddev	.2032653	.0090950	.016895	.074813	.03532	.001889
%RSD	139.7074	7.782116	.6236137	1.220667	.2719380	.9389510
#1	.3409958	.1064532	2.722139	6.178747	12.96558	-.202949
#2	.1602191	.1232330	2.690072	6.165074	12.97003	-.199186
#3	-.064734	.1209247	2.715330	6.042872	13.02886	-.201353

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P4939-22DLX2 Acquired: 12/11/2024 2:23:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHHZ2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046205	2.031143	4.636785	.1335284	.7015316	.1828392
Stddev	.0005499	.005703	.005655	.0012208	.0017607	.0003399
%RSD	11.90211	.2807855	.1219566	.9142239	.2509797	.1858770
#1	.0044818	2.025916	4.632080	.1349381	.7000302	.1824469
#2	.0041532	2.030286	4.643058	.1328236	.7010950	.1830440
#3	.0052265	2.037226	4.635216	.1328237	.7034695	.1830266

Elem	Li6707
Units	ppm
Avg	-.015111
Stddev	.001117
%RSD	7.393735
#1	-.015243
#2	-.016157
#3	-.013934

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2828.322	31424.88	3160.508	2207.458	3781.203
Stddev	2.166	3.17	6.753	2.923	3.152
%RSD	.0765667	.0100898	.2136547	.1324081	.0833592
#1	2827.841	31422.33	3168.129	2208.375	3777.726
#2	2826.438	31423.89	3155.270	2209.813	3782.010
#3	2830.688	31428.43	3158.125	2204.187	3783.873

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5007-15DLX2 Acquired: 12/11/2024 2:27:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK00 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059188	.0117056	.0591890	-.026736	-.015151	22.18759	.1774567
Stddev	.0011995	.0016453	.0028156	.002002	.000695	.02539	.0010120
%RSD	20.26579	14.05524	4.756888	7.487358	4.583872	.1144362	.5702904
#1	.0052450	.0132838	.0570555	-.024517	-.015785	22.21527	.1763947
#2	.0073036	.0100006	.0581313	-.028407	-.015259	22.18213	.1784100
#3	.0052077	.0118323	.0623803	-.027284	-.014409	22.16537	.1775655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019507	.0010785	497.8980	.0358960	.0589159	.1107541	59.62461
Stddev	.0001186	.0000500	1.1812	.0009845	.0005134	.0041067	.19468
%RSD	6.080389	4.634155	.2372376	2.742622	.8714514	3.707916	.3265123
#1	.0020375	.0010347	498.0817	.0350914	.0583494	.1132843	59.67237
#2	.0018155	.0010680	498.9766	.0369938	.0593506	.1060158	59.79097
#3	.0019989	.0011329	496.6357	.0356029	.0590475	.1129623	59.41050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.853072	91.23116	.0606167	-.005937	-.041620	.0557162	.1644390
Stddev	.005837	.12944	.0004087	.000800	.417398	.0052840	.0052987
%RSD	.2045932	.1418817	.6741656	13.47302	1002.875	9.483748	3.222322
#1	2.854852	91.37974	.0608012	-.006279	.276815	.0578264	.1643301
#2	2.857812	91.14283	.0601483	-.005023	.112483	.0497032	.1591955
#3	2.846552	91.17090	.0609005	-.006509	-.514159	.0596189	.1697914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.959489	2.288644	-.135090	-.001146	.5177567	4.539687	.0047696
Stddev	.180408	.010799	.002809	.000346	.0012423	.036538	.0012348
%RSD	6.095928	.4718553	2.079119	30.18351	.2399493	.8048544	25.88991
#1	2.931779	2.276174	-.132320	-.001458	.5180216	4.506920	.0060777
#2	3.152149	2.294837	-.137936	-.000774	.5164032	4.579087	.0036241
#3	2.794538	2.294920	-.135012	-.001207	.5188452	4.533055	.0046069

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5007-15DLX2 Acquired: 12/11/2024 2:27:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK00 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3636234	.3393144	-.025332
Stddev	.0029530	.0008176	.005388
%RSD	.8120890	.2409626	21.26939
#1	.3669971	.3399871	-.019184
#2	.3615083	.3395518	-.027578
#3	.3623648	.3384044	-.029233

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2578.234	28626.73	2957.324	2024.305	3442.377
Stddev	14.973	640.75	11.524	42.401	21.913
%RSD	.5807429	2.238279	.3896608	2.094616	.6365728
#1	2592.998	29275.02	2957.078	2066.401	3466.839
#2	2578.643	27993.81	2945.925	1981.604	3435.747
#3	2563.061	28611.35	2968.968	2024.910	3424.544

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5007-10A Acquired: 12/11/2024 2:31:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1516292	-.001789	.3207301	-.002044	-.000280	71.28467	.7156497
Stddev	.0039996	.001872	.0013045	.002442	.001064	.14034	.0007638
%RSD	2.637720	104.6167	.4067213	119.4850	379.7389	.1968676	.1067227
#1	.1559199	.000360	.3215941	-.000460	.000595	71.23215	.7150088
#2	.1509635	-.002663	.3213667	-.000815	-.001465	71.17816	.7164948
#3	.1480043	-.003065	.3192296	-.004856	.000030	71.44369	.7154455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060749	.0031279	42.06717	.0908498	.0728197	.1637883	136.8881
Stddev	.0000880	.0000617	.23430	.0005022	.0005673	.0070116	.4300
%RSD	1.448895	1.972924	.5569640	.5528029	.7790246	4.280918	.3141311
#1	.0060311	.0031989	42.25247	.0907104	.0733183	.1564667	137.1421
#2	.0061762	.0030971	41.80381	.0914071	.0722025	.1704422	136.3916
#3	.0060174	.0030876	42.14525	.0904321	.0729383	.1644561	137.1305

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.508276	18.57752	.1007967	-.014934	-.157252	.1598692	.3707607
Stddev	.021750	.04104	.0009656	.000738	.322034	.0030097	.0061135
%RSD	.6199513	.2209057	.9579384	4.943815	204.7883	1.882587	1.648903
#1	3.520112	18.61475	.1011202	-.015723	.155057	.1564958	.3746859
#2	3.483175	18.58430	.1015590	-.014817	-.138612	.1608325	.3637168
#3	3.521540	18.53351	.0997109	-.014261	-.488201	.1622793	.3738794

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.247082	7.591893	-.340586	.0011957	2.142153	8.257979	.0202717
Stddev	.274301	.013889	.001315	.0003312	.007081	.023708	.0014064
%RSD	6.458569	.1829398	.3860568	27.69829	.3305783	.2870906	6.937725
#1	4.187112	7.603922	-.341945	.0009415	2.140357	8.273086	.0187715
#2	4.546406	7.576694	-.339320	.0010753	2.136143	8.270196	.0215603
#3	4.007728	7.595064	-.340493	.0015702	2.149960	8.230654	.0204833

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5007-10A Acquired: 12/11/2024 2:31:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9607287	-.036729	.0167550
Stddev	.0075785	.000481	.0022767
%RSD	.7888240	1.308394	13.58838
#1	.9635252	-.036458	.0181602
#2	.9521494	-.036444	.0141282
#3	.9665115	-.037283	.0179766

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.942	34028.68	3391.498	2396.486	3804.621
Stddev	3.420	222.60	19.307	11.378	2.375
%RSD	.1121006	.6541413	.5692865	.4747885	.0624146
#1	3053.339	33851.71	3373.960	2386.282	3807.346
#2	3047.025	34278.60	3412.187	2408.755	3802.994
#3	3052.461	33955.72	3388.349	2394.421	3803.523

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5014-12A Acquired: 12/11/2024 2:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1757294	.0041523	2.058252	.0468821	.0009921	78.49464
Stddev	.0020105	.0008494	.007425	.0042227	.0019934	.49600
%RSD	1.144103	20.45586	.3607441	9.007144	200.9140	.6318840
#1	.1748331	.0033445	2.051287	.0485112	.0014660	78.19947
#2	.1743228	.0050379	2.057403	.0500477	-.001195	78.21719
#3	.1780321	.0040745	2.066065	.0420875	.002706	79.06728

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.255848	.0073954	.0062849	88.81442	.1324695	.1079415
Stddev	.005965	.0000776	.0000899	.44053	.0005267	.0005148
%RSD	.4749740	1.049099	1.430250	.4960097	.3975914	.4769410
#1	1.251764	.0074504	.0063749	88.50392	.1330501	.1084277
#2	1.253088	.0073067	.0061951	88.62074	.1320224	.1074022
#3	1.262694	.0074293	.0062847	89.31861	.1323362	.1079947

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3695062	136.8025	5.178493	33.42545	.2114409	-.012631
Stddev	.0060757	.4908	.042622	.17386	.0009198	.000661
%RSD	1.644286	.3587507	.8230510	.5201419	.4350209	5.231901
#1	.3661138	136.7454	5.139757	33.26742	.2106147	-.013392
#2	.3658841	136.3428	5.171568	33.39722	.2112760	-.012304
#3	.3765206	137.3193	5.224153	33.61169	.2124320	-.012198

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2891148	.1984194	1.739056	8.565175	F 14.86547	-.305978
Stddev	.7796300	.0089401	.016678	.060520	.06066	.002691
%RSD	269.6611	4.505668	.9590370	.7065817	.4080853	.8795291
#1	1.188257	.1881952	1.743884	8.552247	14.81725	-.308619
#2	-.121978	.2047662	1.720496	8.631115	14.84558	-.306076
#3	-.198935	.2022970	1.752787	8.512164	14.93359	-.303239

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5014-12A Acquired: 12/11/2024 2:34:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0047062	4.949969	8.519920	.1456119	1.173821	.1009316
Stddev	.0000948	.023278	.039603	.0003672	.012394	.0016285
%RSD	2.014952	.4702644	.4648299	.2521785	1.055857	1.613417
#1	.0048117	4.947934	8.554148	.1457803	1.160214	.0992899
#2	.0046788	4.927775	8.476543	.1458647	1.176782	.1009585
#3	.0046281	4.974197	8.529068	.1451907	1.184466	.1025464

Elem	Li6707
Units	ppm
Avg	.0588607
Stddev	.0011794
%RSD	2.003651
#1	.0594835
#2	.0575005
#3	.0595982

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2954.194	33146.97	3300.191	2325.000	3709.414
Stddev	5.667	113.15	15.844	17.488	10.684
%RSD	.1918165	.3413647	.4800938	.7521822	.2880338
#1	2959.168	33139.20	3291.099	2324.431	3720.139
#2	2955.388	33263.80	3318.486	2342.766	3709.334
#3	2948.025	33037.90	3290.987	2307.804	3698.771

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-017A Acquired: 12/11/2024 2:38:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ6A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3047624	.0500595	4.551907	.0377256	-.004185	78.72044
Stddev	.0035387	.0022857	.012907	.0064404	.000982	.31467
%RSD	1.161127	4.565920	.2835587	17.07176	23.45218	.3997306
#1	.3074212	.0512397	4.538026	.0399402	-.004708	78.92490
#2	.3007460	.0515138	4.554148	.0427665	-.003053	78.87834
#3	.3061201	.0474250	4.563547	.0304701	-.004795	78.35809

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.568663	.0080224	.0110505	221.0245	.1367245	.1390665
Stddev	.011387	.0000882	.0000633	1.0137	.0007416	.0004420
%RSD	.4432961	1.099030	.5730402	.4586283	.5423795	.3178123
#1	2.579761	.0079769	.0110683	221.8316	.1371371	.1386300
#2	2.569218	.0081240	.0109801	221.3551	.1371680	.1390558
#3	2.557008	.0079663	.0111030	219.8868	.1358684	.1395137

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5178367	214.5996	12.90827	47.55927	.3012709	-.019916
Stddev	.0073143	.9953	.03949	.23786	.0016811	.000662
%RSD	1.412464	.4638137	.3059240	.5001257	.5579880	3.323173
#1	.5246209	215.5247	12.94697	47.82236	.2995516	-.019270
#2	.5188011	214.7277	12.90981	47.49600	.3029110	-.020592
#3	.5100881	213.5464	12.86803	47.35944	.3013500	-.019885

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.096333	.1906524	3.777697	6.207404	F 14.65354	-.518574
Stddev	.622621	.0062752	.033288	.208998	.02885	.003661
%RSD	56.79118	3.291432	.8811775	3.366909	.1969084	.7059320
#1	.385805	.1978797	3.785626	6.266927	14.63231	-.517543
#2	1.546562	.1874893	3.741160	6.380183	14.64191	-.522639
#3	1.356633	.1865883	3.806304	5.975102	14.68639	-.515539

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-017A Acquired: 12/11/2024 2:38:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ6A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048264	5.432637	9.740986	.2180995	.9283193	.1886822
Stddev	.0001759	.011003	.073510	.0018783	.0078832	.0006197
%RSD	3.644410	.2025300	.7546486	.8612041	.8491896	.3284177
#1	.0048048	5.426022	9.766766	.2176635	.9331999	.1891540
#2	.0046623	5.426551	9.798133	.2164776	.9325333	.1889122
#3	.0050121	5.445338	9.658058	.2201575	.9192247	.1879804

Elem	Li6707
Units	ppm
Avg	.0412791
Stddev	.0021355
%RSD	5.173322
#1	.0388517
#2	.0421169
#3	.0428686

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3042.151	33651.11	3449.487	2376.182	3578.283
Stddev	3.087	143.99	39.485	8.449	6.672
%RSD	.1014822	.4278790	1.144675	.3555516	.1864551
#1	3045.624	33709.52	3443.012	2384.221	3583.266
#2	3041.108	33487.10	3413.639	2367.376	3580.880
#3	3039.719	33756.72	3491.809	2376.950	3570.703

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-05DLX2 Acquired: 12/11/2024 2:42:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0589382	.0036956	28.88329	-.006285	-.004545	43.99479
Stddev	.0053619	.0019424	.21531	.004593	.001039	.05838
%RSD	9.097447	52.55946	.7454563	73.07655	22.86518	.1326997
#1	.0566670	.0037057	28.67545	-.001837	-.004513	44.02647
#2	.0650619	.0017482	28.86905	-.006007	-.005600	43.92742
#3	.0550858	.0056330	29.10536	-.011010	-.003522	44.03049

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.184030	.0043687	.0067960	99.50237	.1310401	.0745830
Stddev	.002272	.0001660	.0001779	.24603	.0001166	.0003222
%RSD	.1918836	3.800774	2.617065	.2472556	.0890137	.4320072
#1	1.186366	.0045379	.0067246	99.40489	.1309083	.0746981
#2	1.181829	.0043621	.0066651	99.32003	.1310821	.0742190
#3	1.183893	.0042061	.0069985	99.78220	.1311300	.0748318

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3043805	95.21705	3.955580	20.68255	.1597295	-.008590
Stddev	.0042067	.29825	.006052	.10459	.0012710	.001048
%RSD	1.382055	.3132316	.1530059	.5056812	.7956984	12.20399
#1	.3089828	95.04694	3.949453	20.80186	.1583244	-.009280
#2	.3007338	95.04278	3.955732	20.63910	.1600654	-.009107
#3	.3034249	95.56143	3.961555	20.60669	.1607988	-.007384

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0565492	.1329104	1.634270	5.844406	F 11.01251	-.211408
Stddev	.6712797	.0021833	.017000	.095620	.07732	.004913
%RSD	1187.072	1.642665	1.040206	1.636103	.7021470	2.324094
#1	.5602367	.1353880	1.615418	5.802243	10.94173	-.215605
#2	.3149412	.1312679	1.648433	5.953862	11.00077	-.212617
#3	-.705530	.1320754	1.638960	5.777113	11.09504	-.206004

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-05DLX2 Acquired: 12/11/2024 2:42:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037875	2.193583	4.652299	.1864497	1.157026	.1768900
Stddev	.0001036	.018519	.026505	.0020753	.004392	.0004357
%RSD	2.735866	.8442263	.5697219	1.113059	.3795728	.2463038
#1	.0038732	2.173676	4.681702	.1840589	1.152074	.1773141
#2	.0036723	2.196776	4.644955	.1875050	1.160449	.1764436
#3	.0038168	2.210298	4.630241	.1877853	1.158555	.1769123

Elem	Li6707
Units	ppm
Avg	-.004625
Stddev	.000920
%RSD	19.89327
#1	-.003656
#2	-.005487
#3	-.004733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.125	30848.60	3092.623	2178.243	3756.906
Stddev	13.278	139.42	5.575	8.489	22.949
%RSD	.4791731	.4519403	.1802638	.3897258	.6108476
#1	2784.222	30948.86	3088.341	2186.454	3782.021
#2	2771.482	30907.56	3098.927	2178.774	3751.669
#3	2757.672	30689.40	3090.602	2169.500	3737.028

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-08DLX2 Acquired: 12/11/2024 2:46:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0260555	.0113338	.2353402	-.024414	-.008708	24.02785	.5124367
Stddev	.0017329	.0030632	.0041032	.000218	.001184	.01942	.0026832
%RSD	6.650717	27.02663	1.743513	.8940816	13.59398	.0808043	.5236117
#1	.0241135	.0118170	.2329940	-.024164	-.007958	24.04846	.5108302
#2	.0274441	.0080578	.2329486	-.024513	-.010073	24.02518	.5155342
#3	.0266089	.0141267	.2400781	-.024566	-.008094	24.00990	.5109455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021458	.0020489	451.3687	.0399188	.0700709	.1364868	73.66284
Stddev	.0000799	.0000570	.5374	.0013770	.0004346	.0091293	.21206
%RSD	3.722465	2.784175	.1190600	3.449390	.6202678	6.688764	.2878858
#1	.0022083	.0019830	451.7513	.0386901	.0705722	.1404445	73.79694
#2	.0021731	.0020813	451.6004	.0396592	.0698000	.1429695	73.41836
#3	.0020558	.0020822	450.7543	.0414070	.0698405	.1260465	73.77324

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.429196	72.76687	.0712417	-.007320	-.594213	.0770495	.3044139
Stddev	.016980	.28699	.0001510	.000401	.238591	.0038264	.0036828
%RSD	.3127543	.3943943	.2119134	5.477983	40.15237	4.966138	1.209809
#1	5.423762	72.74253	.0711116	-.007162	-.537539	.0800277	.3066586
#2	5.448228	73.06525	.0712061	-.007022	-.856039	.0783868	.3001635
#3	5.415598	72.49283	.0714072	-.007776	-.389063	.0727339	.3064194

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.523822	4.455716	-.172450	.0005791	.7227895	4.587047	.0121781
Stddev	.098531	.003668	.001404	.0000829	.0019939	.026642	.0003112
%RSD	2.796134	.0823273	.8140195	14.30789	.2758555	.5808150	2.554965
#1	3.410575	4.451914	-.173943	.0004835	.7246558	4.617437	.0118501
#2	3.589918	4.455998	-.172252	.0006309	.7230239	4.575997	.0122151
#3	3.570972	4.459235	-.171156	.0006228	.7206888	4.567709	.0124691

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-08DLX2 Acquired: 12/11/2024 2:46:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5560965	.4070357	-.022474
Stddev	.0032843	.0016630	.002163
%RSD	.5905930	.4085701	9.626359
#1	.5564570	.4085759	-.024971
#2	.5591856	.4072589	-.021297
#3	.5526468	.4052724	-.021154

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2648.150	29119.82	3028.274	2053.587	3468.756
Stddev	6.637	309.85	18.901	17.734	5.373
%RSD	.2506386	1.064051	.6241356	.8635470	.1548828
#1	2651.618	29314.79	3010.275	2055.045	3466.934
#2	2652.334	29282.13	3026.585	2070.546	3474.803
#3	2640.497	28762.53	3047.963	2035.169	3464.532

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-09DLX2 Acquired: 12/11/2024 2:50:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0225066	.0090253	.0998040	-.026204	-.012764	25.98167
Stddev	.0009676	.0015068	.0021284	.003990	.001216	.09251
%RSD	4.299241	16.69495	2.132538	15.22773	9.528832	.3560482
#1	.0227362	.0076112	.1022433	-.022331	-.013983	25.93152
#2	.0214448	.0106102	.0983249	-.030302	-.012760	25.92508
#3	.0233387	.0088543	.0988438	-.025979	-.011550	26.08843

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2393147	.0018925	.0018427	679.3269	.0382848	.0761650
Stddev	.0009760	.0000427	.0000612	2.4341	.0007851	.0003189
%RSD	.4078213	2.257062	3.322798	.3583160	2.050763	.4186400
#1	.2382964	.0018515	.0018454	679.5280	.0384500	.0758312
#2	.2394057	.0019367	.0017801	676.7985	.0389741	.0761973
#3	.2402420	.0018893	.0019025	681.6543	.0374302	.0764665

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1531628	63.69699	5.060116	114.8984	.0733707	-.006974
Stddev	.0027908	.31786	.028359	.7348	.0001838	.000619
%RSD	1.822101	.4990206	.5604414	.6395294	.2504483	8.876689
#1	.1522660	63.62872	5.065758	114.6796	.0732252	-.006331
#2	.1562917	63.41882	5.029360	114.2978	.0733097	-.007023
#3	.1509306	64.04344	5.085229	115.7177	.0735772	-.007567

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4428703	.0546847	.2287282	5.059289	F 16.82776	-.133252
Stddev	.1557787	.0047033	.0055170	.089011	.02903	.001341
%RSD	35.17480	8.600828	2.412042	1.759365	.1725177	1.006111
#1	.4437065	.0499051	.2239619	4.981853	16.79566	-.134698
#2	.5982292	.0548413	.2274509	5.156537	16.83545	-.133008
#3	.2866751	.0593079	.2347719	5.039477	16.85218	-.132050

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-09DLX2 Acquired: 12/11/2024 2:50:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKK4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000225	1.101402	4.923853	.0077959	.5439999	.6091617
Stddev	.000325	.005471	.052169	.0017259	.0044335	.0018743
%RSD	144.1438	.4967696	1.059506	22.13793	.8149880	.3076812
#1	-.000037	1.103285	4.977872	.0090935	.5436648	.6099714
#2	-.000600	1.095238	4.873757	.0058373	.5397434	.6070187
#3	-.000039	1.105683	4.919930	.0084570	.5485915	.6104950

Elem	Li6707
Units	ppm
Avg	-.013762
Stddev	.002971
%RSD	21.58544
#1	-.010367
#2	-.015037
#3	-.015883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.392	29344.80	3072.433	2074.756	3314.902
Stddev	4.882	209.84	18.317	11.129	2.842
%RSD	.1830150	.7150943	.5961624	.5363835	.0857381
#1	2669.170	29574.30	3059.049	2085.090	3314.895
#2	2671.136	29162.74	3093.308	2062.974	3317.748
#3	2661.871	29297.35	3064.943	2076.203	3312.063

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-14DLX2 Acquired: 12/11/2024 2:54:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0204776	.0090363	.0833591	-.023091	-.014957	21.84846	.2750238
Stddev	.0014641	.0019868	.0004224	.002952	.002832	.05851	.0025416
%RSD	7.149738	21.98658	.5067548	12.78294	18.93623	.2677885	.9241540
#1	.0188692	.0107974	.0836009	-.024500	-.017857	21.78532	.2772295
#2	.0208311	.0068825	.0836052	-.025074	-.014818	21.85922	.2722443
#3	.0217326	.0094291	.0828714	-.019699	-.012197	21.90084	.2755975

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023576	.0010869	501.5639	.0370814	.0653490	.0923690	83.41191
Stddev	.0000565	.0000659	.7282	.0003948	.0003080	.0040431	.11093
%RSD	2.398010	6.065645	.1451849	1.064748	.4713824	4.377128	.1329963
#1	.0023624	.0010250	500.7232	.0374259	.0655820	.0957175	83.30322
#2	.0024116	.0011562	501.9705	.0366505	.0649997	.0878774	83.52496
#3	.0022988	.0010794	501.9981	.0371677	.0654652	.0935121	83.40755

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.575313	209.0448	.0554210	-.008723	-.041330	.0719576	.2529024
Stddev	.009590	.5313	.0006630	.000449	.348651	.0054650	.0032383
%RSD	.2682216	.2541548	1.196335	5.149672	843.5808	7.594736	1.280461
#1	3.564241	208.5171	.0561060	-.008445	-.161120	.0660392	.2538047
#2	3.580693	209.5796	.0547824	-.009241	-.314294	.0730207	.2555939
#3	3.581005	209.0375	.0553747	-.008482	.351425	.0768130	.2493086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.659083	3.518720	-.194193	-.000402	.7930022	4.331964	.0094915
Stddev	.046561	.011618	.002033	.000412	.0070968	.021411	.0015585
%RSD	1.272474	.3301718	1.046727	102.3297	.8949240	.4942547	16.42047
#1	3.609053	3.507316	-.191975	.000063	.7851362	4.315862	.0080731
#2	3.701147	3.518302	-.194638	-.000721	.7949457	4.356262	.0092414
#3	3.667051	3.530540	-.195966	-.000549	.7989248	4.323769	.0111599

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: P5015-14DLX2 Acquired: 12/11/2024 2:54:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHKQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5159923	.1564754	-.026765
Stddev	.0045112	.0007053	.002913
%RSD	.8742685	.4507731	10.88535
#1	.5134443	.1559423	-.029801
#2	.5212010	.1562087	-.026502
#3	.5133317	.1572752	-.023992

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2556.500	28283.73	2949.235	1997.189	3340.522
Stddev	5.517	192.22	11.629	12.032	8.158
%RSD	.2158042	.6796267	.3943154	.6024696	.2442013
#1	2559.132	28140.73	2955.614	1984.790	3340.242
#2	2560.208	28502.24	2956.280	2008.818	3348.816
#3	2550.160	28208.20	2935.813	1997.957	3332.508

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV096 Acquired: 12/11/2024 2:57:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915405	4.834929	24.43804	4.645159	4.744250	396.6610
Stddev	.016647	.021669	.12607	.018989	.021445	.9749
%RSD	.3386668	.4481793	.5158612	.4087869	.4520130	.2457714
#1	4.926257	4.855895	24.55923	4.666190	4.768677	397.4918
#2	4.923720	4.836272	24.44727	4.640015	4.735548	395.5878
#3	4.896239	4.812619	24.30761	4.629273	4.728524	396.9035

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.924587	.4880915	2.458401	395.2377	15.16715	2.502688
Stddev	.026968	.0025003	.012179	1.1506	.01006	.012684
%RSD	.2717310	.5122556	.4954175	.2911278	.0663502	.5068052
#1	9.949687	.4877629	2.469375	396.3432	15.16783	2.514434
#2	9.896075	.4907398	2.460531	394.0467	15.15677	2.504391
#3	9.928000	.4857717	2.445297	395.3232	15.17686	2.489238

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.48682	393.4495	14.00275	387.3680	2.483159	1.213817
Stddev	.03196	.8489	.02026	.2741	.016170	.002810
%RSD	.2206162	.2157635	.1447083	.0707470	.6511759	.2315056
#1	14.51433	394.0733	14.02219	387.6573	2.499764	1.210772
#2	14.45176	392.4827	13.98175	387.3345	2.482250	1.216310
#3	14.49437	393.7924	14.00431	387.1123	2.467463	1.214369

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	389.8857	2.459805	13.64756	149.1278	4.943770	F 4.006046
Stddev	.6870	.010840	.10326	.5209	.032733	.017125
%RSD	.1761961	.4406855	.7565914	.3492973	.6621088	.4274797
#1	390.2621	2.471925	13.66617	149.2893	4.969037	4.000772
#2	389.0928	2.456456	13.53627	148.5452	4.955482	4.025187
#3	390.3022	2.451036	13.74025	149.5488	4.906792	3.992178

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCV096 Acquired: 12/11/2024 2:57:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.709062	4.971304	4.670495	4.899907	4.797074	4.699273
Stddev	.013582	.027217	.023278	.025958	.019063	.010469
%RSD	.2884328	.5474735	.4984121	.5297660	.3973802	.2227803
#1	4.723005	4.985218	4.676984	4.922248	4.816584	4.711113
#2	4.708310	4.988752	4.689841	4.906041	4.778492	4.695467
#3	4.695871	4.939944	4.644661	4.871431	4.796145	4.691240

Elem	Li6707
Units	ppm
Avg	4.961554
Stddev	.023920
%RSD	.4821052
#1	4.972869
#2	4.934076
#3	4.977717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2156.896	25037.51	2729.341	1656.495	3162.995
Stddev	3.065	123.80	12.440	9.609	7.706
%RSD	.1421237	.4944511	.4557961	.5801083	.2436389
#1	2154.205	24949.44	2716.299	1647.360	3155.069
#2	2160.233	25179.06	2730.647	1666.517	3163.456
#3	2156.250	24984.04	2741.076	1655.607	3170.461

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB096 Acquired: 12/11/2024 3:01:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002130	.0029457	.0046268	.0044979	.0003616	.0014570
Stddev	.001515	.0001138	.0014682	.0025929	.0030889	.0103322
%RSD	71.12334	3.863196	31.73253	57.64662	854.3262	709.1504
#1	-.003730	.0030051	.0036691	.0051165	.0028046	.0132175
#2	-.000718	.0028145	.0038941	.0067256	.0013905	-.002685
#3	-.001942	.0030175	.0063171	.0016517	-.003111	-.006162

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004791	-.000053	.0000527	.0344628	.0002364	.0001878
Stddev	.001198	.000058	.0000868	.0236907	.0004038	.0005009
%RSD	25.00997	109.7284	164.5230	68.74282	170.7904	266.6905
#1	-.006002	-.000119	.0001386	.0233519	.0005557	-.000381
#2	-.004766	-.000023	.0000544	.0616669	.0003711	.000384
#3	-.003606	-.000016	-.000035	.0183697	-.000217	.000561

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103556	.0218729	.0007916	-.058440	-.000220	-.000037
Stddev	.0059345	.0209082	.0004213	.019468	.000416	.000561
%RSD	57.30754	95.58936	53.21569	33.31305	188.6472	1513.428
#1	.0091717	.0412269	.0011962	-.041250	.000201	-.000684
#2	.0167927	.0246948	.0008233	-.079580	-.000631	.000303
#3	.0051022	-.000303	.0003554	-.054490	-.000231	.000270

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.725131	-.004299	.0023124	-.542539	.0022195	.0085649
Stddev	.584193	.005741	.0009722	.228005	.0041598	.0026114
%RSD	80.56372	133.5507	42.04204	42.02546	187.4210	30.48936
#1	-1.39503	.002230	.0012155	-.604843	-.002287	.0108115
#2	-.32154	-.006565	.0030678	-.732916	.005912	.0091833
#3	-.45883	-.008560	.0026539	-.289859	.003033	.0056998

Reviewed By:kareem
On:12/13/2024 7:24:03 PM
Inst Id :P5

Sample Name: CCB096 Acquired: 12/11/2024 3:01:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v6) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB096 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000552	-.000306	.0005338	.0006861	.0062333	.0002189
Stddev	.000100	.001225	.0004804	.0008122	.0018049	.0000575
%RSD	18.09698	399.8069	89.99333	118.3816	28.95609	26.25025
#1	-.000646	-.001124	.0000297	-.000028	.0081991	.0001964
#2	-.000563	.001102	.0009863	.001570	.0046508	.0001760
#3	-.000447	-.000896	.0005854	.000517	.0058499	.0002841

Elem	Li6707
Units	ppm
Avg	F -.056659
Stddev	.003035
%RSD	5.356762
#1	-.053429
#2	-.059452
#3	-.057095

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2555.634	28577.05	2786.071	2016.805	3990.696
Stddev	15.873	95.41	11.833	10.733	26.424
%RSD	.6211098	.3338595	.4247262	.5321834	.6621463
#1	2572.849	28629.44	2793.157	2019.039	4020.766
#2	2541.577	28634.79	2772.410	2026.245	3971.177
#3	2552.475	28466.93	2792.644	2005.131	3980.145