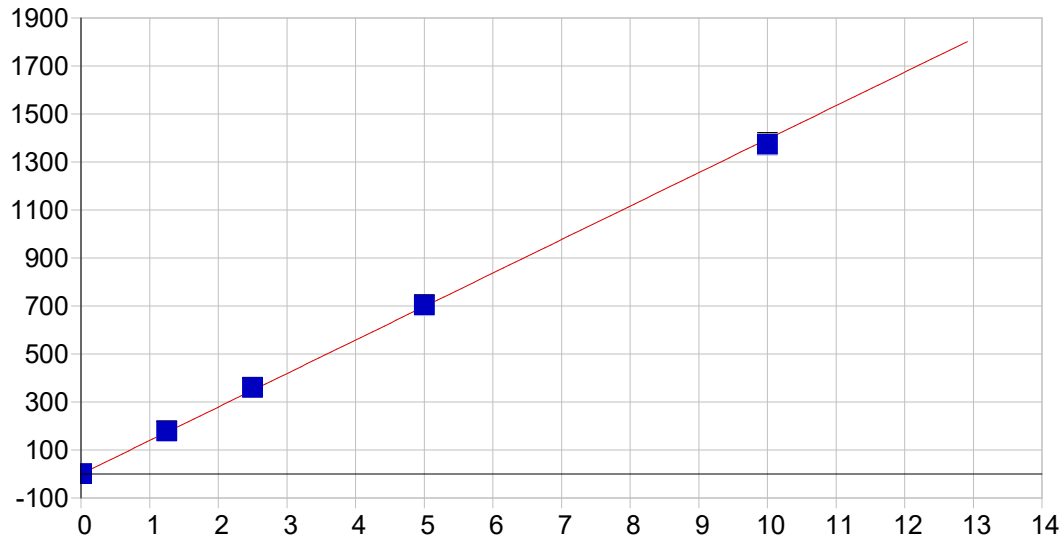
Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



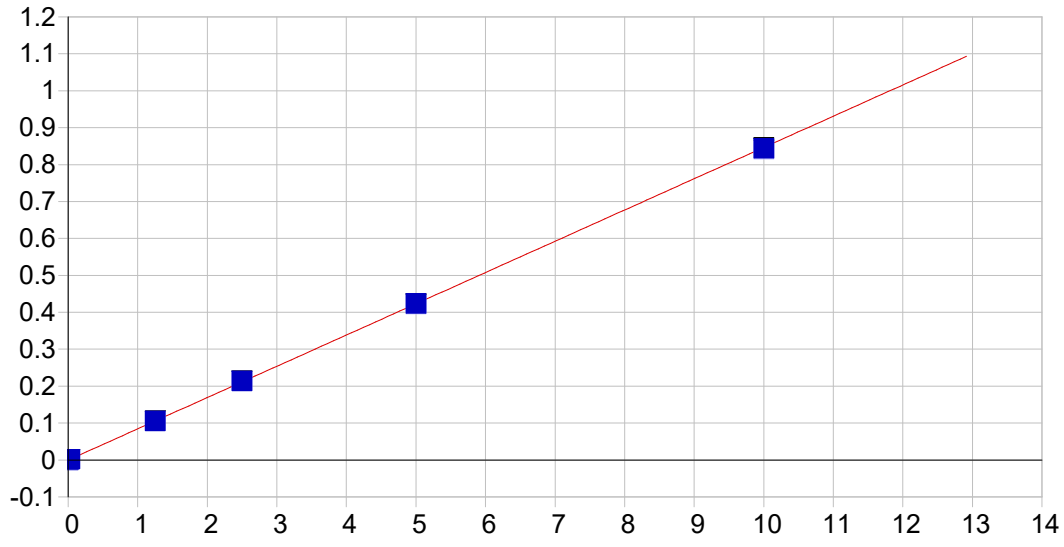
As 189.042 {478}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.139379	Re-Slope:	1.000000
A1 (Gain):	139.527252	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999838	Status:	OK.
Std Error of Est:	0.041962		
Predicted MDL:	0.005577		
Predicted MQL:	0.018590		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.13961	.234	1
S1	.01000	.01118	.001	11.8	1.4180	.037	1
S2	1.2500	1.2804	.030	2.43	177.78	.441	1
S3	2.5000	2.5785	.078	3.14	358.16	1.53	1
S4	5.0000	5.0426	.043	.852	700.51	1.39	1
S5	10.000	9.8473	-.153	-1.53	1368.0	6.94	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



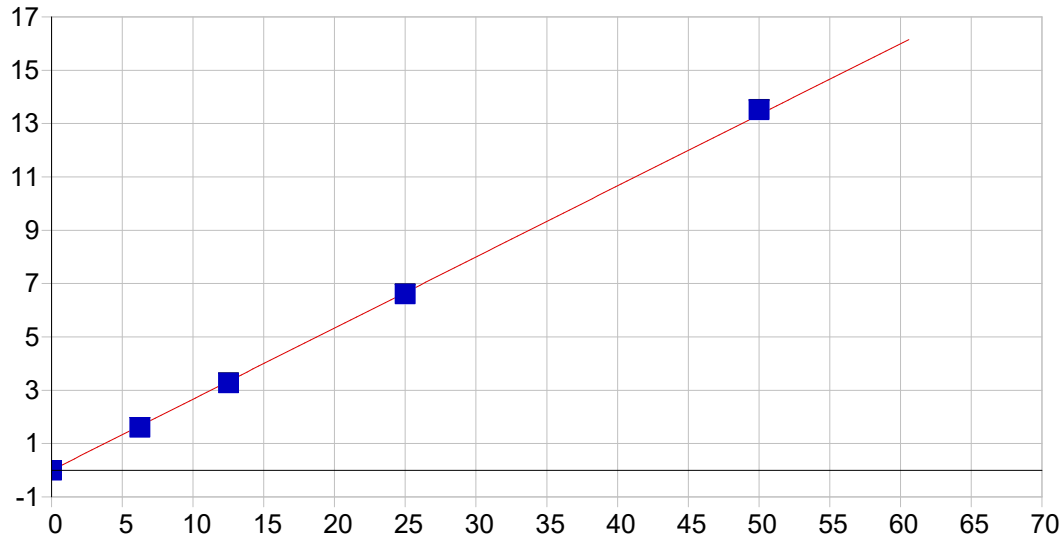
Tl 190.856 {477}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000220	Re-Slope:	1.000000
A1 (Gain):	0.084660	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000011		
Predicted MDL:	0.003029		
Predicted MQL:	0.010096		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00022	.000	1
S1	.02500	.02519	.000	.746	.00184	.000	1
S2	1.2500	1.2524	.002	.189	.10553	.001	1
S3	2.5000	2.5300	.030	1.20	.21343	.001	1
S4	5.0000	4.9996	-.000	-.008	.42195	.000	1
S5	10.000	9.9678	-.032	-.322	.84147	.003	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



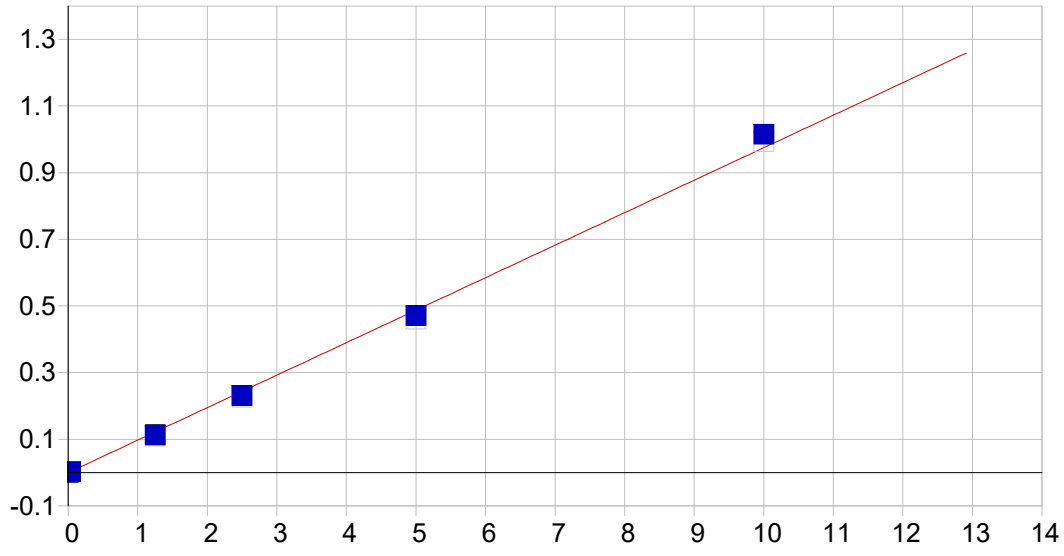
Pb 220.353 {453}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000159	Re-Slope:	1.000000
A1 (Gain):	0.266560	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999861	Status:	OK.
Std Error of Est:	0.000166		
Predicted MDL:	0.002382		
Predicted MQL:	0.007940		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00016	.000	1
S1	.01000	.00742	-.003	-25.8	.00212	.001	1
S2	6.2500	6.0156	-.234	-3.75	1.6019	.004	1
S3	12.500	12.261	-.239	-1.91	3.2648	.004	1
S4	25.000	24.772	-.228	-.911	6.5963	.010	1
S5	50.000	50.704	.704	1.41	13.501	.019	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



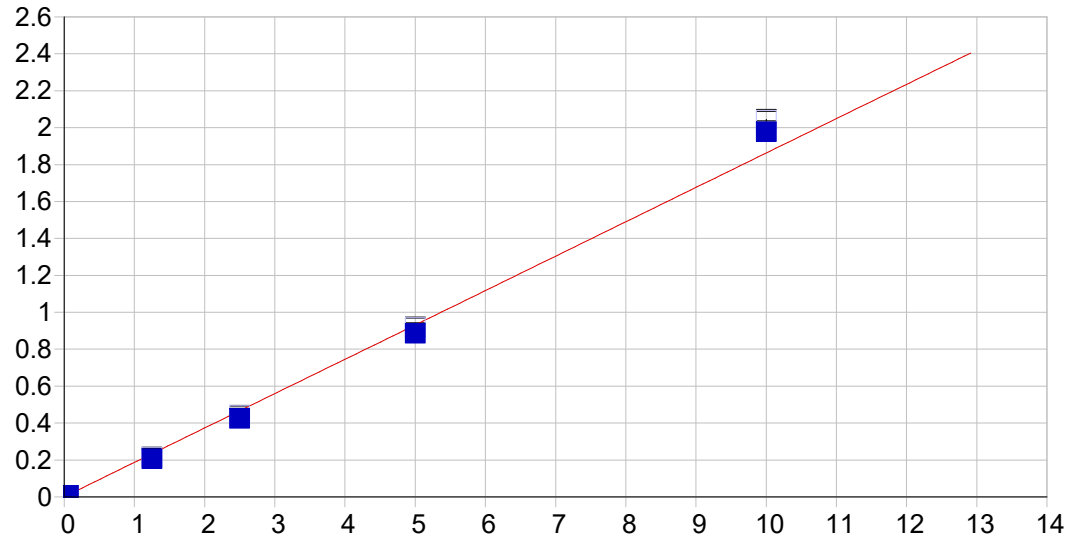
Se 196.090 {472}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000207	Re-Slope:	1.000000
A1 (Gain):	0.097523	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998947	Status:	OK.
Std Error of Est:	0.000137		
Predicted MDL:	0.003721		
Predicted MQL:	0.012404		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	-.00021	.000	1
S1	.03500	.02914	-.006	-16.7	.00263	.000	1
S2	1.2500	1.1550	-.095	-7.60	.10969	.000	1
S3	2.5000	2.3666	-.133	-5.34	.22510	.000	1
S4	5.0000	4.8274	-.173	-3.45	.45960	.001	1
S5	10.000	10.407	.407	4.07	.99278	.000	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



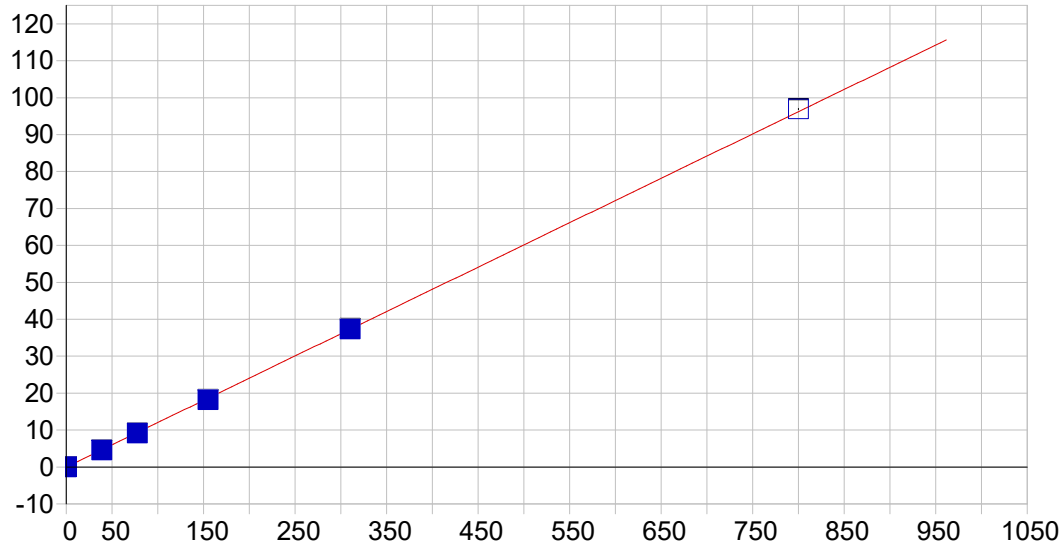
Sb 206.833 {463}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000823	Re-Slope:	1.000000
A1 (Gain):	0.186161	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.997822	Status:	OK.
Std Error of Est:	0.000523		
Predicted MDL:	0.002511		
Predicted MQL:	0.008370		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00083	.000	1
S1	.06000	.04933	-.011	-17.8	.01001	.000	1
S2	1.2500	1.1073	-.143	-11.4	.21473	.000	1
S3	2.5000	2.2778	-.222	-8.89	.44042	.002	1
S4	5.0000	4.7579	-.242	-4.84	.91768	.002	1
S5	10.000	10.617	.617	6.17	2.0396	.005	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



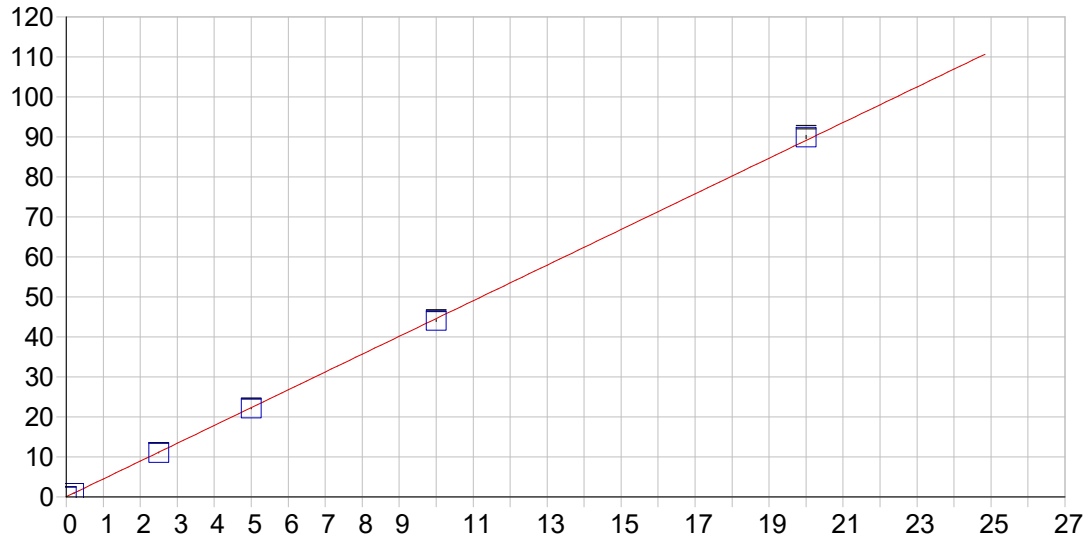
Al 396.152 { 85}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002445	Re-Slope:	1.000000
A1 (Gain):	0.120257	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999930	Status:	OK.
Std Error of Est:	0.000883		
Predicted MDL:	0.023684		
Predicted MQL:	0.078948		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00244	.002	1
S1	.20000	.18779	-.012	-6.10	.02018	.003	1
S2	38.750	37.650	-1.10	-2.84	4.5303	.030	1
S3	77.500	75.936	-1.56	-2.02	9.1394	.044	1
S4	155.00	151.38	-3.62	-2.34	18.222	.085	1
S5	310.00	310.34	.345	.111	37.359	.188	1
S6	800.00	805.96	5.96	.745	96.919	.193	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



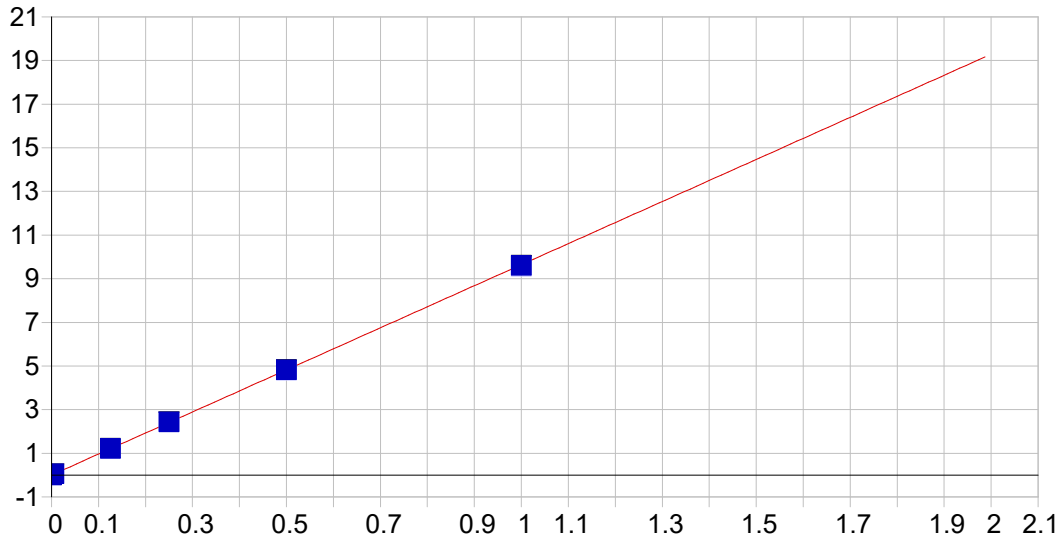
Ba 493.409 { 68}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.042860	Re-Slope:	1.000000
A1 (Gain):	4.454282	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999950	Status:	OK.
Std Error of Est:	0.004723		
Predicted MDL:	0.001278		
Predicted MQL:	0.004261		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.04287	.004	1
S1	.20000	.20162	.002	.812	.94095	.010	1
S2	2.5000	2.4660	-.034	-1.36	11.027	.075	1
S3	5.0000	4.9636	-.036	-.728	22.152	.118	1
S4	10.000	9.8850	-.115	-1.15	44.073	.221	1
S5	20.000	20.184	.184	.919	89.947	.466	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



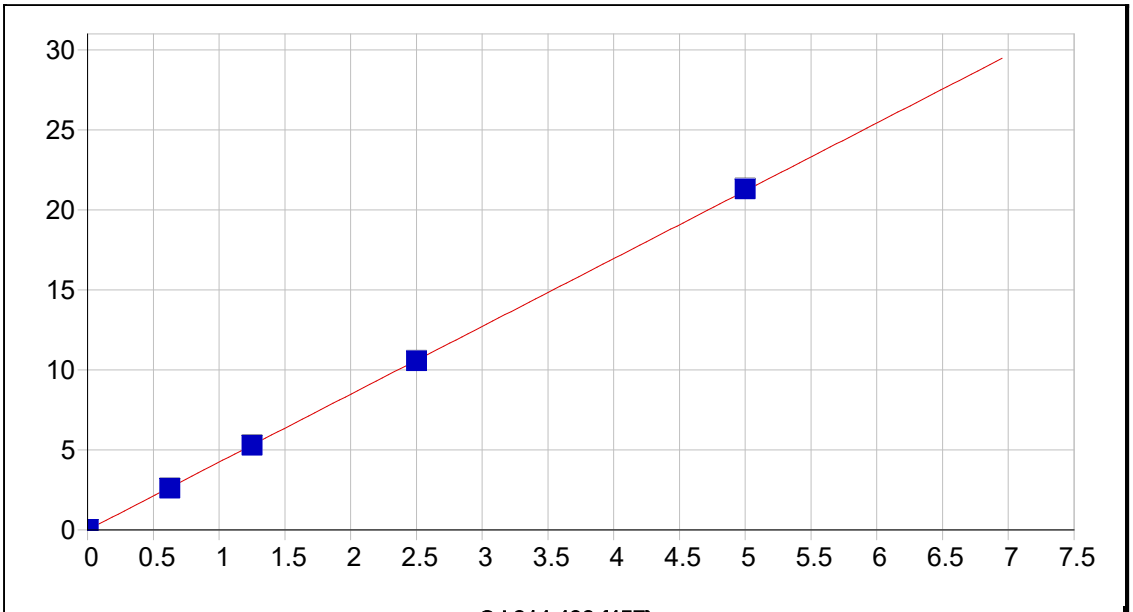
Be 234.861 {144}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000184	Re-Slope:	1.000000
A1 (Gain):	9.644659	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999984	Status:	OK.
Std Error of Est:	0.000204		
Predicted MDL:	0.000123		
Predicted MQL:	0.000409		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00019	.001	1
S1	.00500	.00516	.000	3.21	.04954	.001	1
S2	.12500	.12594	.001	.751	1.2089	.009	1
S3	.25000	.25294	.003	1.18	2.4283	.013	1
S4	.50000	.49945	-.001	-.111	4.7947	.012	1
S5	1.0000	.99652	-.003	-.348	9.5666	.012	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



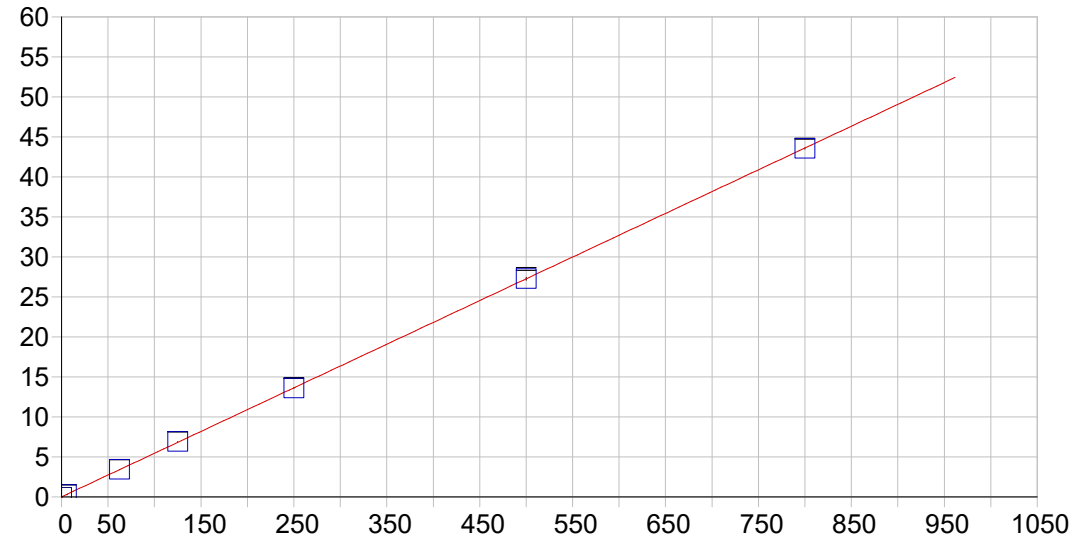
Cd 214.438 {457}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000221	Re-Slope:	1.000000
A1 (Gain):	4.238630	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999977	Status:	OK.
Std Error of Est:	0.000243		
Predicted MDL:	0.000101		
Predicted MQL:	0.000337		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.00500	.00480	-.000	-3.91	.02066	.001	1
S2	.62500	.61228	-.013	-2.04	2.5995	.007	1
S3	1.2500	1.2464	-.004	-.286	5.2915	.010	1
S4	2.5000	2.4910	-.009	-.361	10.575	.017	1
S5	5.0000	5.0255	.026	.510	21.334	.030	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



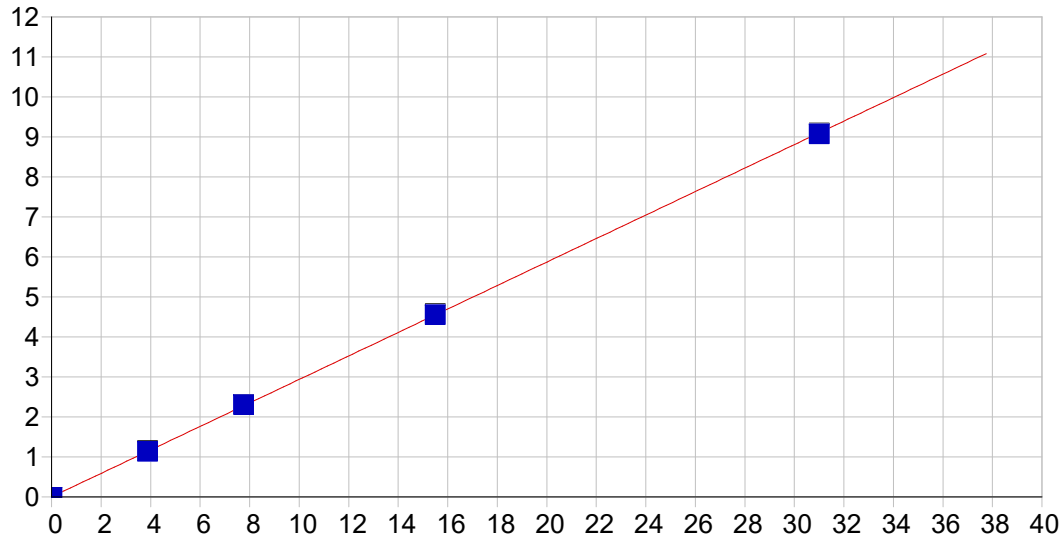
Ca 373.690 { 90}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.006339	Re-Slope:	1.000000
A1 (Gain):	0.054510	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000668		
Predicted MDL:	0.034609		
Predicted MQL:	0.115364		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00009	-.000	.000	.00633	.003	1
S1	5.0000	5.0307	.031	.614	.28057	.003	1
S2	62.500	62.686	.186	.297	3.4234	.022	1
S3	125.00	126.48	1.48	1.18	6.9008	.018	1
S4	250.00	249.49	-.507	-.203	13.606	.066	1
S5	500.00	500.12	.121	.024	27.268	.171	1
S6	800.00	798.69	-1.31	-.164	43.543	.068	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



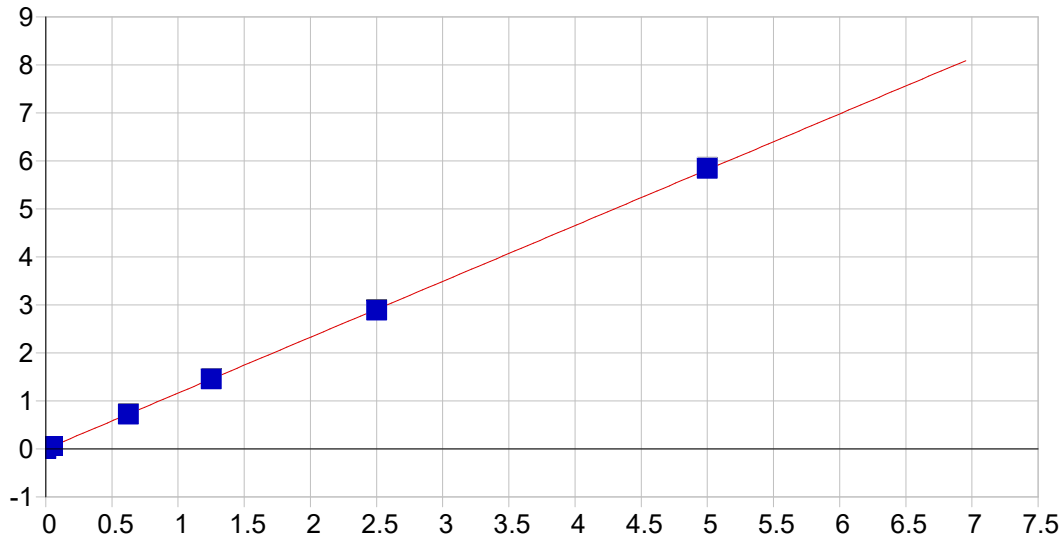
Cr 267.716 {126}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000286	Re-Slope:	1.000000
A1 (Gain):	0.293572	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999989	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.000799		
Predicted MQL:	0.002663		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00029	.000	1
S1	.01000	.00959	-.000	-4.13	.00310	.000	1
S2	3.8750	3.8717	-.003	-.085	1.1378	.011	1
S3	7.7500	7.8377	.088	1.13	2.3030	.005	1
S4	15.500	15.513	.013	.087	4.5581	.015	1
S5	31.000	30.903	-.097	-.314	9.0795	.016	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



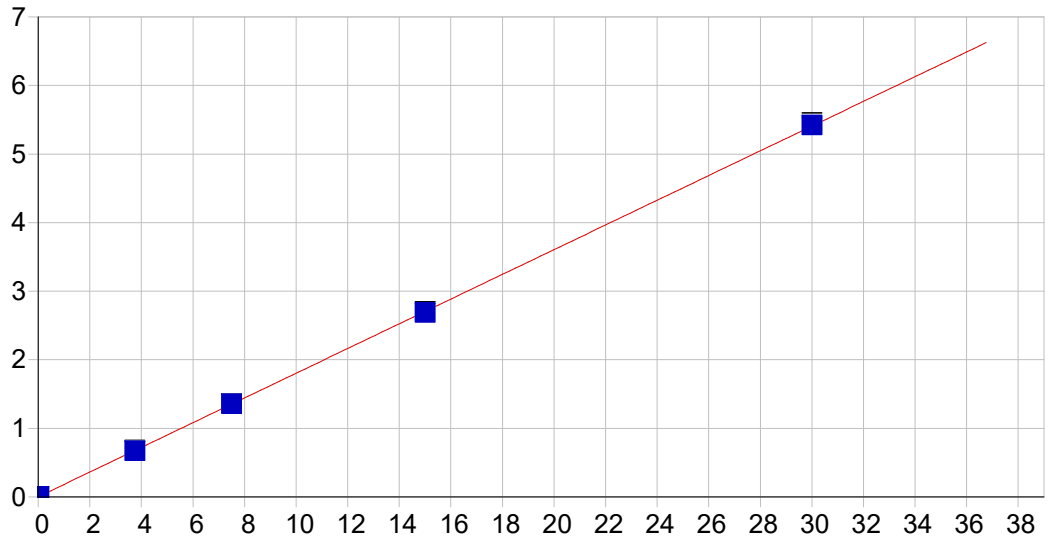
Co 228.616 {448}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000551	Re-Slope:	1.000000
A1 (Gain):	1.163432	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999986	Status:	OK.
Std Error of Est:	0.000162		
Predicted MDL:	0.000398		
Predicted MQL:	0.001328		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00055	.000	1
S1	.05000	.05008	.000	.168	.05791	.000	1
S2	.62500	.62107	-.004	-.629	.72437	.002	1
S3	1.2500	1.2524	.002	.192	1.4612	.003	1
S4	2.5000	2.4810	-.019	-.761	2.8953	.007	1
S5	5.0000	5.0205	.020	.409	5.8592	.007	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



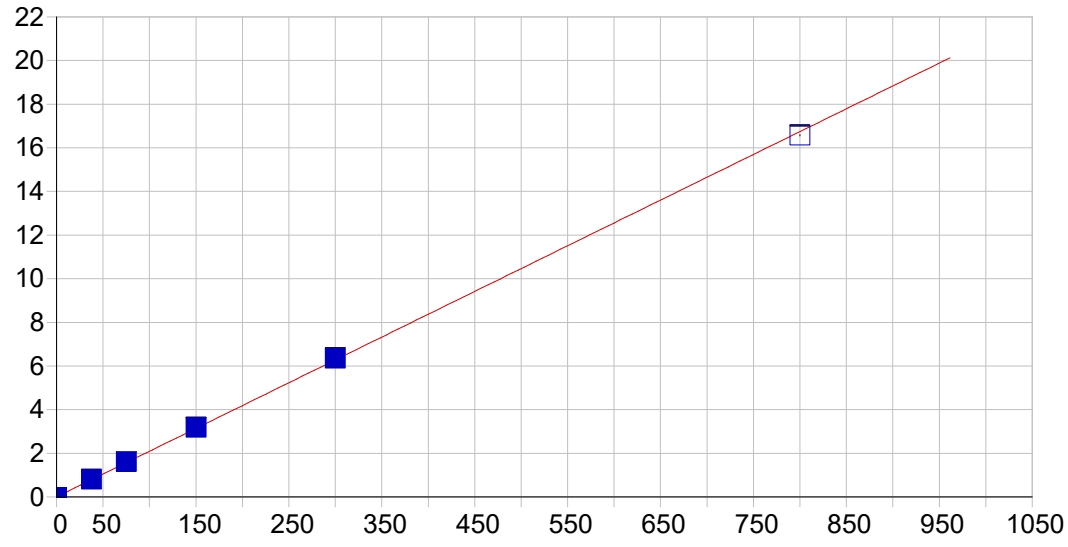
Cu 324.754 {104}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001749	Re-Slope:	1.000000
A1 (Gain):	0.180195	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999988	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.007783		
Predicted MQL:	0.025944		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00175	.001	1
S1	.02500	.02292	-.002	-8.30	.00587	.001	1
S2	3.7500	3.7128	-.037	-.991	.67071	.009	1
S3	7.5000	7.5318	.032	.424	1.3588	.004	1
S4	15.000	14.918	-.082	-.545	2.6896	.011	1
S5	30.000	30.089	.089	.297	5.4231	.032	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



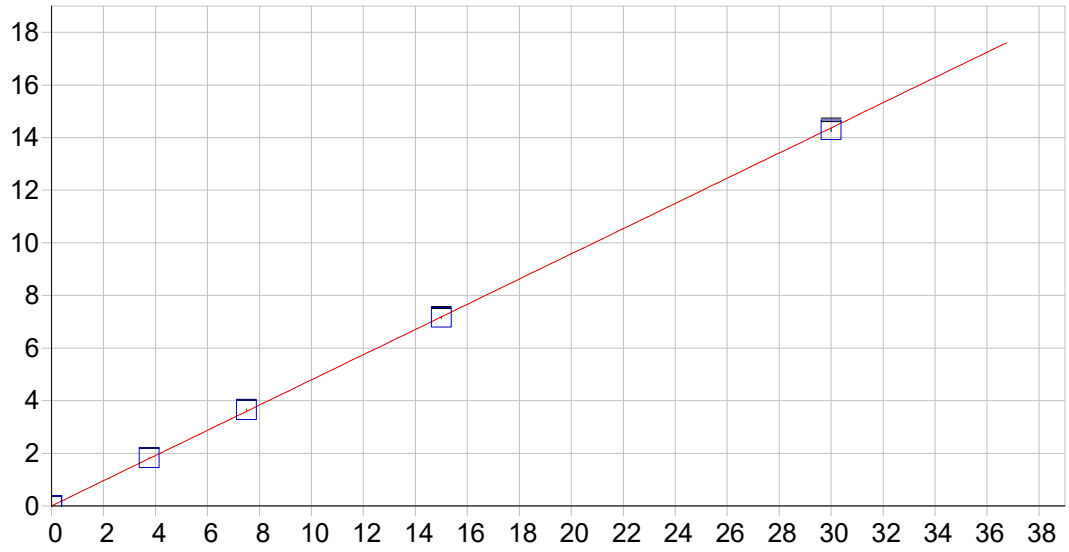
Fe 259.837 {130}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000223	Re-Slope:	1.000000
A1 (Gain):	0.020928	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999919	Status:	OK.
Std Error of Est:	0.000116		
Predicted MDL:	0.033293		
Predicted MQL:	0.110976		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00022	.000	1
S1	.10000	.10151	.002	1.51	.00235	.000	1
S2	37.500	38.570	1.07	2.85	.80762	.005	1
S3	75.000	76.916	1.92	2.55	1.6103	.003	1
S4	150.00	151.94	1.94	1.29	3.1807	.017	1
S5	300.00	303.16	3.16	1.05	6.3463	.038	1
S6	800.00	791.91	-8.09	-1.01	16.574	.026	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



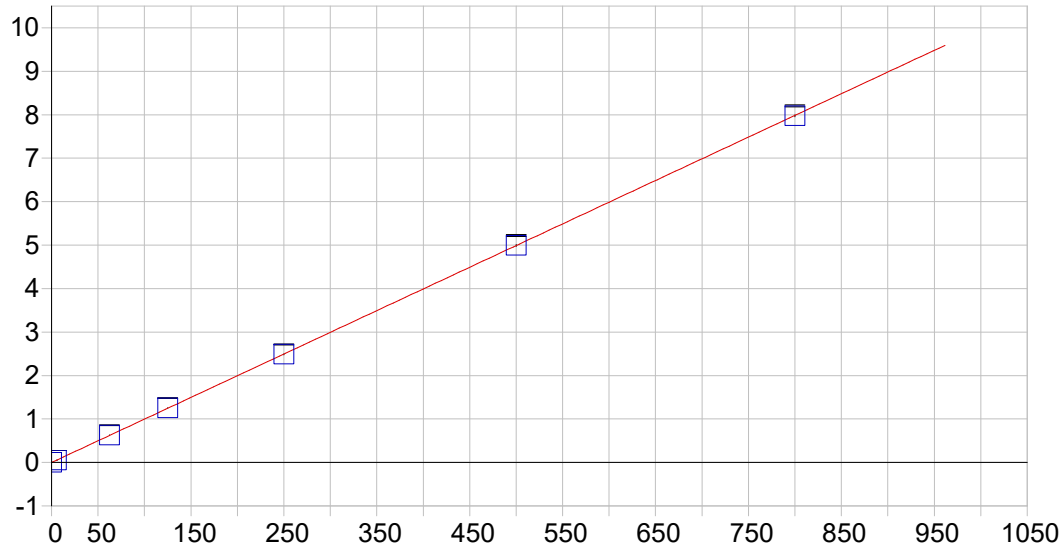
Mn 257.610 {131}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000601	Re-Slope:	1.000000
A1 (Gain):	0.478988	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999963	Status:	OK.
Std Error of Est:	0.000147		
Predicted MDL:	0.001288		
Predicted MQL:	0.004293		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00060	.000	1
S1	.01500	.01597	.001	6.47	.00825	.000	1
S2	3.7500	3.8148	.065	1.73	1.8279	.015	1
S3	7.5000	7.6260	.126	1.68	3.6534	.022	1
S4	15.000	14.960	-.040	-.268	7.1662	.035	1
S5	30.000	29.848	-.152	-.505	14.298	.068	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



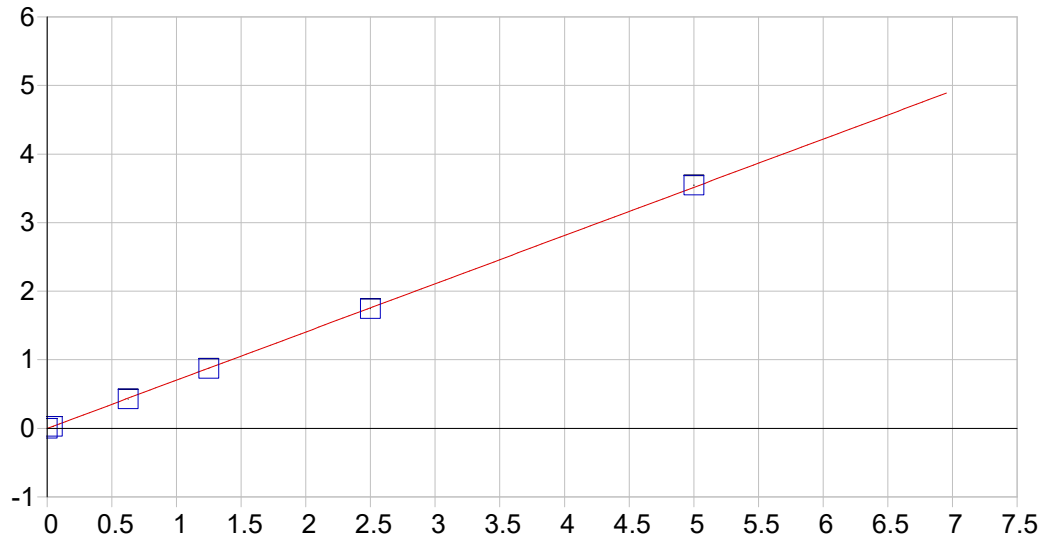
Mg 279.079 {121}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001370	Re-Slope:	1.000000
A1 (Gain):	0.009981	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999994	Status:	OK.
Std Error of Est:	0.000117		
Predicted MDL:	0.089420		
Predicted MQL:	0.298067		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00027	-.000	.000	-.00137	.000	1
S1	5.0000	5.2254	.225	4.51	.05079	.001	1
S2	62.500	62.929	.429	.686	.62675	.004	1
S3	125.00	125.54	.542	.433	1.2517	.008	1
S4	250.00	249.21	-.788	-.315	2.4861	.011	1
S5	500.00	500.52	.519	.104	4.9945	.022	1
S6	800.00	799.07	-.926	-.116	7.9745	.019	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



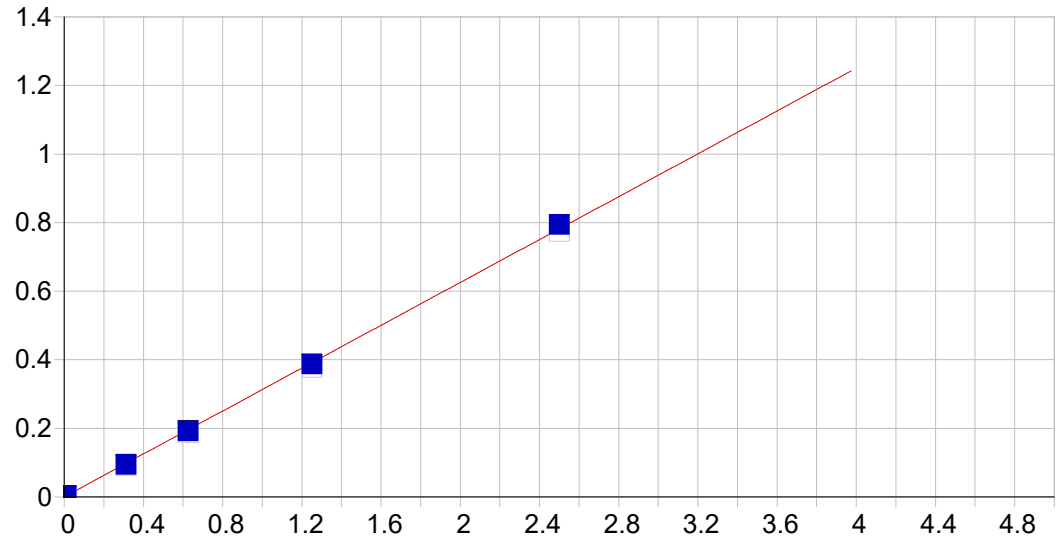
Ni 231.604 {446}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000784	Re-Slope:	1.000000
A1 (Gain):	0.703093	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999939	Status:	OK.
Std Error of Est:	0.000185		
Predicted MDL:	0.000683		
Predicted MQL:	0.002275		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00078	.000	1
S1	.04000	.03808	-.002	-4.81	.02599	.000	1
S2	.62500	.60672	-.018	-2.93	.42579	.000	1
S3	1.2500	1.2427	-.007	-.583	.87295	.001	1
S4	2.5000	2.4840	-.016	-.640	1.7457	.004	1
S5	5.0000	5.0435	.044	.870	3.5453	.005	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



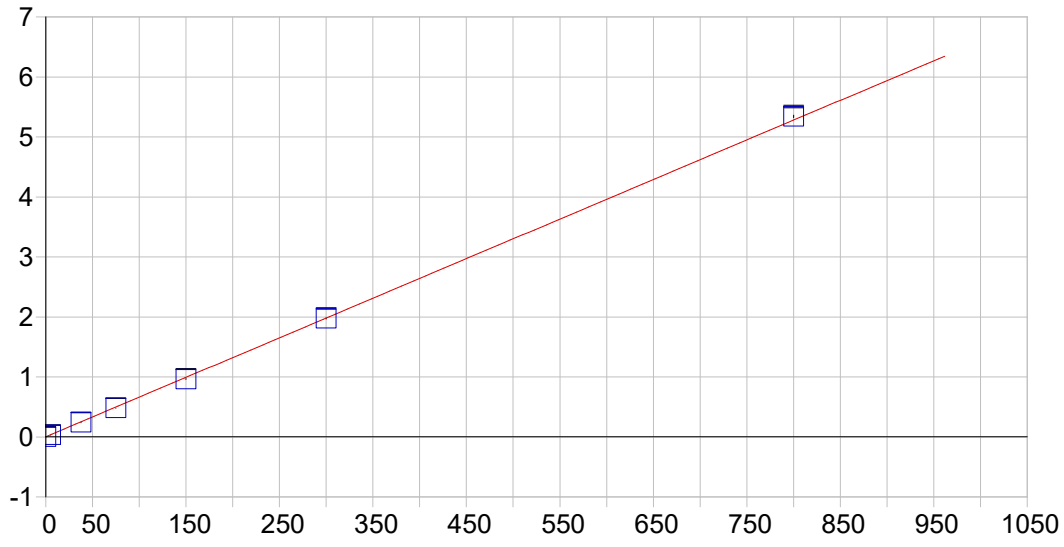
Ag 328.068 {103}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000540	Re-Slope:	1.000000
A1 (Gain):	0.312554	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999824	Status:	OK.
Std Error of Est:	0.000048		
Predicted MDL:	0.001337		
Predicted MQL:	0.004458		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00054	.000	1
S1	.01000	.00945	-.001	-5.50	.00349	.000	1
S2	.31250	.29886	-.014	-4.36	.09137	.001	1
S3	.62500	.61409	-.011	-1.75	.18732	.000	1
S4	1.2500	1.2363	-.014	-1.09	.37665	.001	1
S5	2.5000	2.5388	.039	1.55	.77341	.000	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



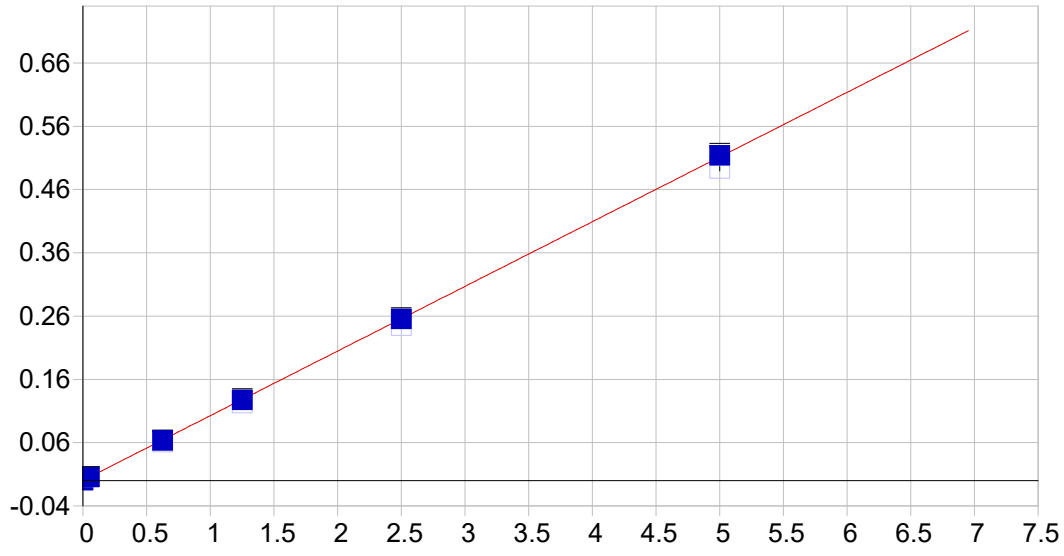
Na 818.326 { 41}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002880	Re-Slope:	1.000000
A1 (Gain):	0.006596	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999852	Status:	OK.
Std Error of Est:	0.000351		
Predicted MDL:	0.733718		
Predicted MQL:	2.445728		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00091	.001	.000	.00289	.006	1
S1	5.0000	4.5293	-.471	-9.41	.03275	.003	1
S2	37.500	36.076	-1.42	-3.80	.24083	.006	1
S3	75.000	72.708	-2.29	-3.06	.48243	.003	1
S4	150.00	145.80	-4.20	-2.80	.96451	.010	1
S5	300.00	298.85	-1.15	-.385	1.9739	.011	1
S6	800.00	809.54	9.54	1.19	5.3423	.020	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



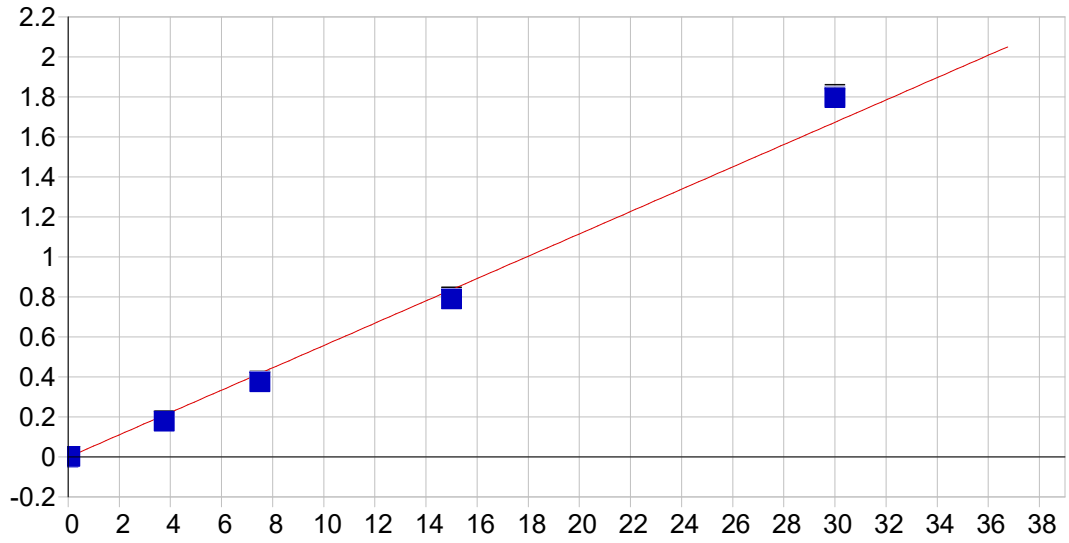
V 292.402 {115}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000332	Re-Slope:	1.000000
A1 (Gain):	0.102217	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999978	Status:	OK.
Std Error of Est:	0.000017		
Predicted MDL:	0.008579		
Predicted MQL:	0.028596		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00033	.001	1
S1	.05000	.05215	.002	4.31	.00565	.001	1
S2	.62500	.61648	-.009	-1.36	.06079	.001	1
S3	1.2500	1.2414	-.009	-.691	.12210	.002	1
S4	2.5000	2.4927	-.007	-.291	.24489	.002	1
S5	5.0000	5.0222	.022	.444	.49320	.004	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



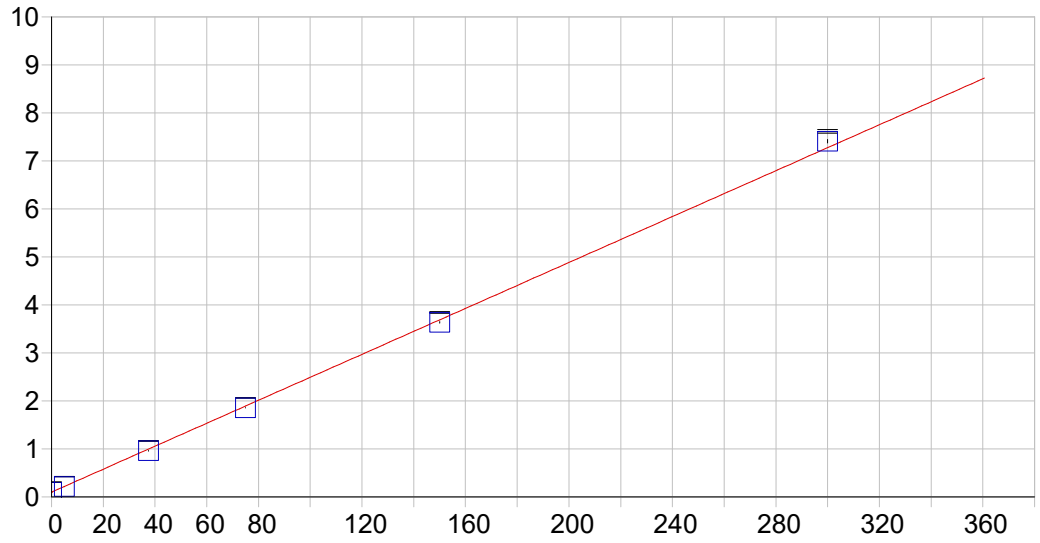
Zn 213.856 {158}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001141	Re-Slope:	1.000000
A1 (Gain):	0.055813	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.996801	Status:	OK.
Std Error of Est:	0.000320		
Predicted MDL:	0.009056		
Predicted MQL:	0.030186		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00003	.000	.000	-.00114	.001	1
S1	.06000	.04451	-.015	-25.8	.00135	.000	1
S2	3.7500	3.2116	-.538	-14.4	.17913	.002	1
S3	7.5000	6.7371	-.763	-10.2	.37692	.003	1
S4	15.000	14.142	-.858	-5.72	.79229	.008	1
S5	30.000	32.174	2.17	7.25	1.8028	.009	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



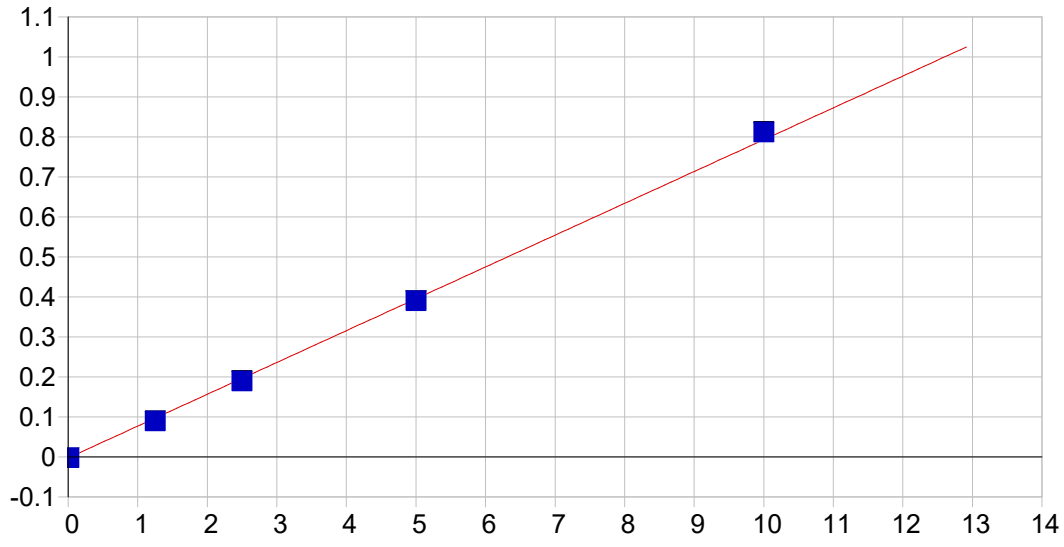
K 769.896 { 44}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.100005	Re-Slope:	1.000000
A1 (Gain):	0.023917	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999791	Status:	OK.
Std Error of Est:	0.001008		
Predicted MDL:	0.153613		
Predicted MQL:	0.512043		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00048	.000	.000	.10002	.004	1
S1	5.0000	4.8074	-.193	-3.85	.21499	.004	1
S2	37.500	35.960	-1.54	-4.11	.96007	.006	1
S3	75.000	73.446	-1.55	-2.07	1.8566	.005	1
S4	150.00	147.77	-2.23	-1.48	3.6344	.017	1
S5	300.00	305.51	5.51	1.84	7.4070	.037	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



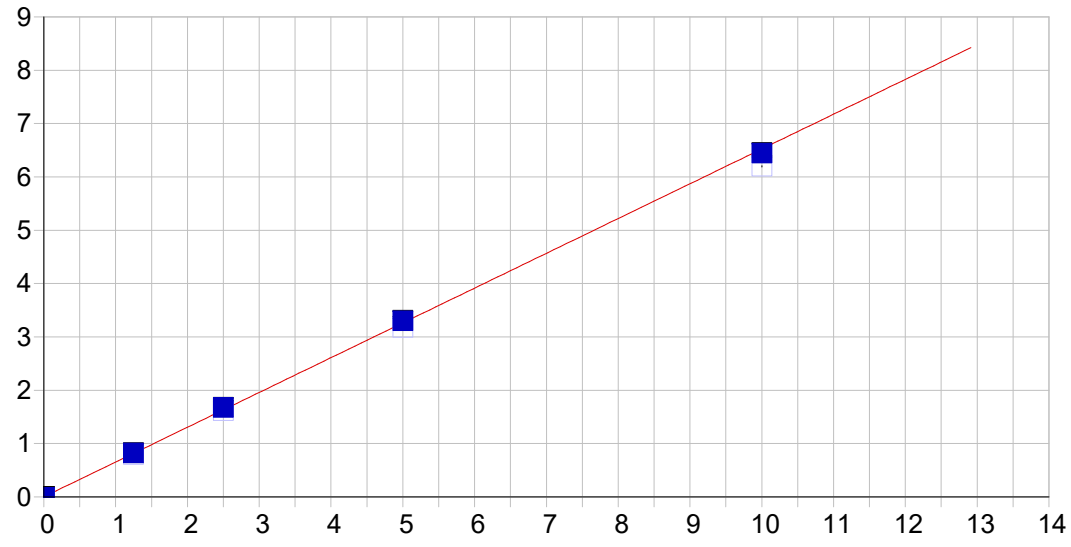
P 177.495 {490}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002541	Re-Slope:	1.000000
A1 (Gain):	0.079556	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999531	Status:	OK.
Std Error of Est:	0.000041		
Predicted MDL:	0.002487		
Predicted MQL:	0.008290		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00254	.000	1
S1	.01000	.00668	-.003	-33.2	-.00201	.000	1
S2	1.2500	1.1579	-.092	-7.37	.08943	.000	1
S3	2.5000	2.4135	-.087	-3.46	.18917	.001	1
S4	5.0000	4.9389	-.061	-1.22	.38980	.001	1
S5	10.000	10.243	.243	2.43	.81120	.001	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



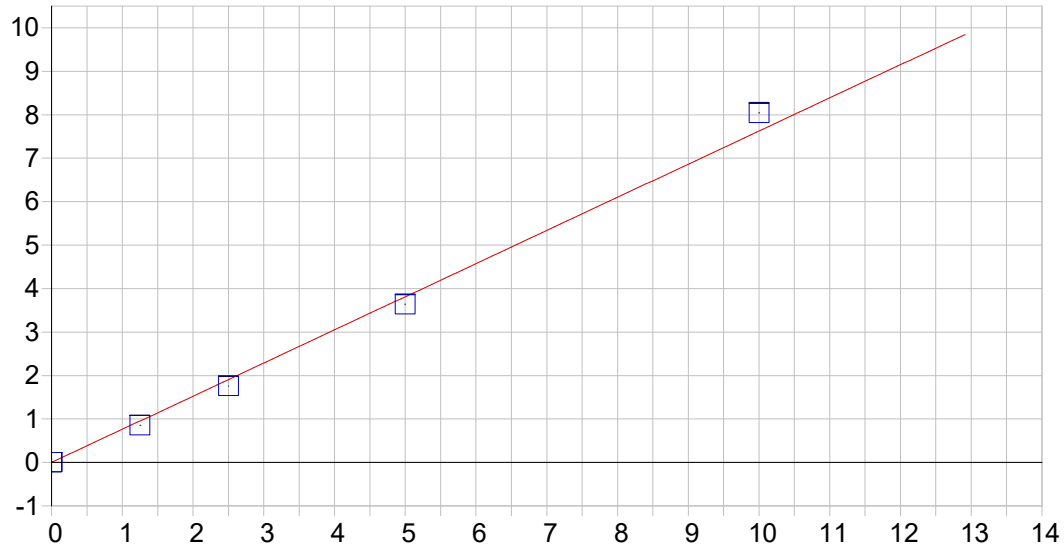
B 249.678 {135}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001529	Re-Slope:	1.000000
A1 (Gain):	0.652227	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999676	Status:	OK.
Std Error of Est:	0.000268		
Predicted MDL:	0.002480		
Predicted MQL:	0.008268		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00153	.001	1
S1	.01000	.00137	-.009	-86.3	.00239	.001	1
S2	1.2500	1.2592	.009	.733	.79178	.005	1
S3	2.5000	2.5639	.064	2.56	1.6118	.006	1
S4	5.0000	5.0565	.056	1.13	3.1755	.014	1
S5	10.000	9.8794	-.121	-1.21	6.1971	.014	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



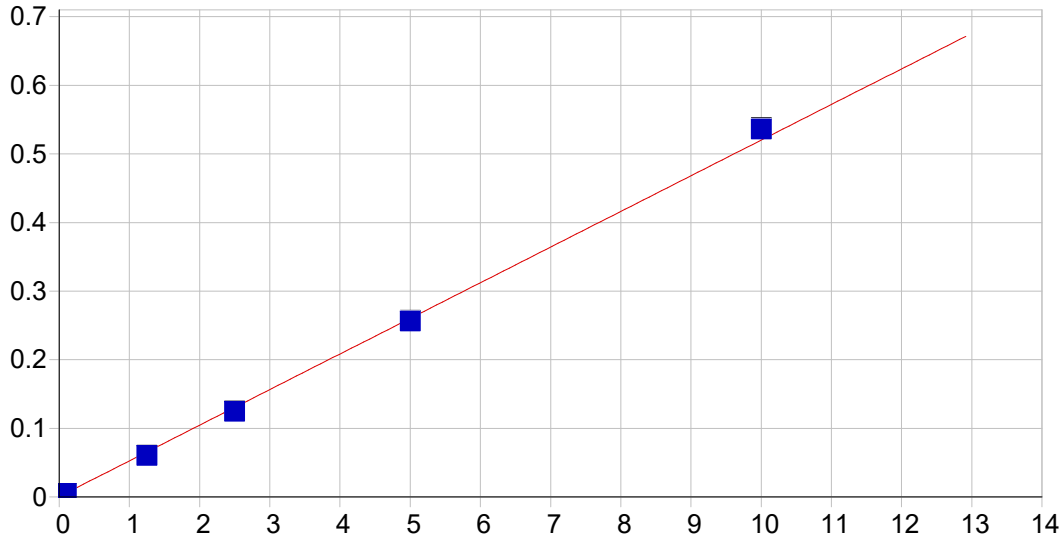
Mo 202.030 {467}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000218	Re-Slope:	1.000000
A1 (Gain):	0.762505	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998177	Status:	OK.
Std Error of Est:	0.000773		
Predicted MDL:	0.000493		
Predicted MQL:	0.001643		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00022	.000	1
S1	.01000	.00879	-.001	-12.1	.00692	.000	1
S2	1.2500	1.1220	-.128	-10.2	.85573	.001	1
S3	2.5000	2.3062	-.194	-7.75	1.7587	.004	1
S4	5.0000	4.7743	-.226	-4.51	3.6407	.008	1
S5	10.000	10.549	.549	5.49	8.0437	.011	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



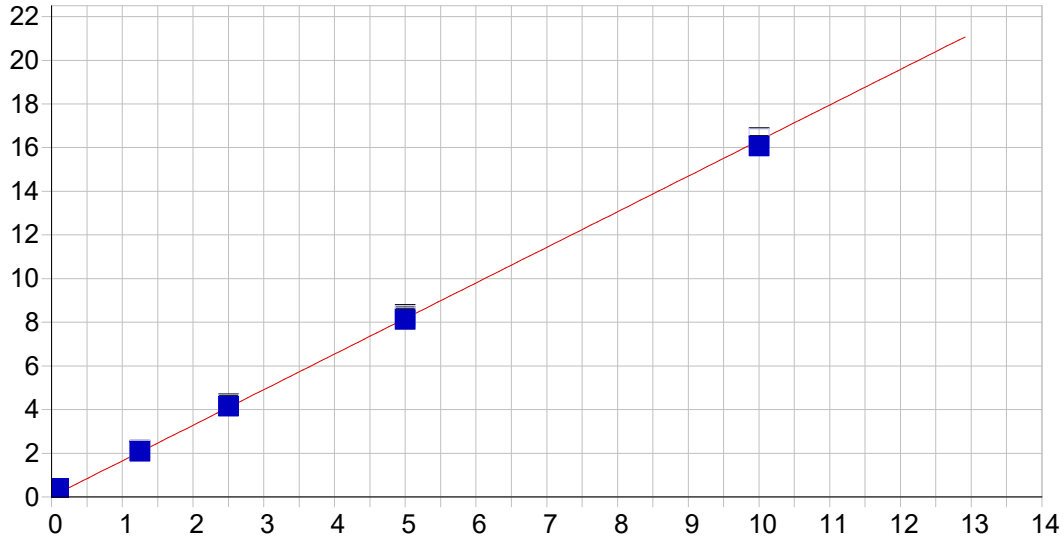
S 182.034 {485}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000602	Re-Slope:	1.000000
A1 (Gain):	0.051945	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999332	Status:	OK.
Std Error of Est:	0.000101		
Predicted MDL:	0.004446		
Predicted MQL:	0.014819		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	.00060	.000	1
S1	.10000	.08812	-.012	-11.9	.00518	.000	1
S2	1.2500	1.1478	-.102	-8.17	.06043	.000	1
S3	2.5000	2.3885	-.111	-4.46	.12509	.000	1
S4	5.0000	4.9197	-.080	-1.61	.25699	.001	1
S5	10.000	10.306	.306	3.06	.53761	.001	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



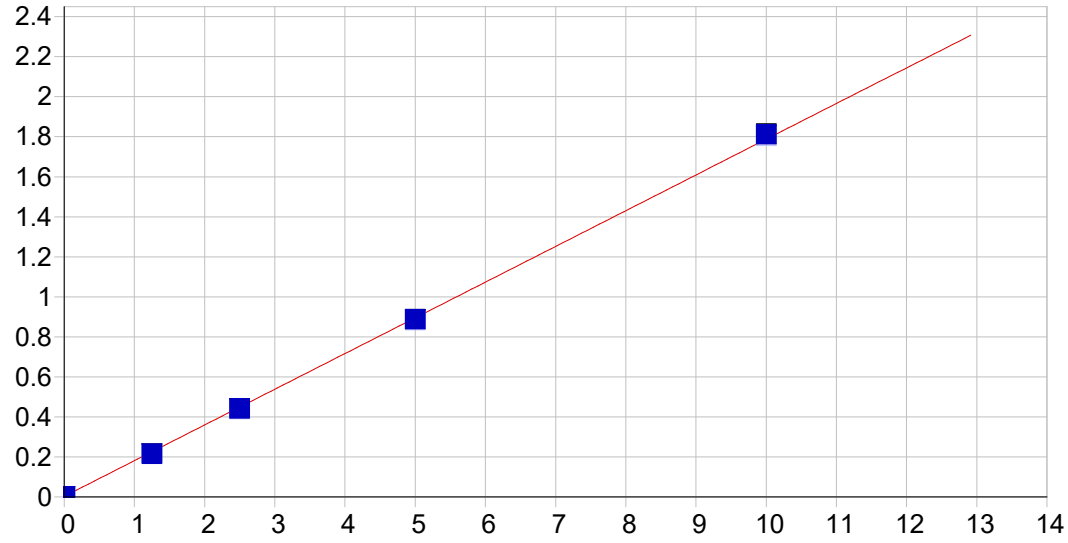
Si 251.611 {134}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.021460	Re-Slope:	1.000000
A1 (Gain):	1.630014	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.995022	Status:	OK.
Std Error of Est:	0.008872		
Predicted MDL:	0.000903		
Predicted MQL:	0.003010		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00014	-.000	.000	.02123	.002	1
S1	.10000	.23934	.139	139.	.41390	.001	1
S2	1.2500	1.2661	.016	1.28	2.1314	.012	1
S3	2.5000	2.5356	.036	1.42	4.2469	.018	1
S4	5.0000	4.9661	-.034	-.678	8.3013	.054	1
S5	10.000	9.8441	-.156	-1.56	16.438	.020	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



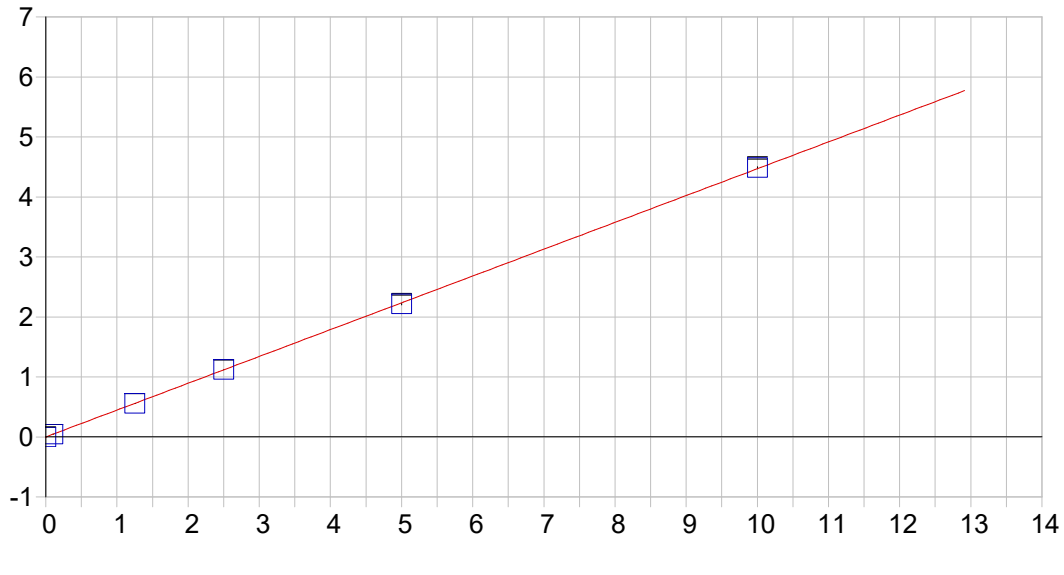
Sn 189.989 {478}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.002522	Re-Slope:	1.000000
A1 (Gain):	0.178477	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999844	Status:	OK.
Std Error of Est:	0.000044		
Predicted MDL:	0.001266		
Predicted MQL:	0.004218		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00252	.000	1
S1	.00700	.00814	.001	16.3	.00392	.000	1
S2	1.2500	1.1939	-.056	-4.49	.21448	.000	1
S3	2.5000	2.4567	-.043	-1.73	.43875	.001	1
S4	5.0000	4.9580	-.042	-.840	.88294	.001	1
S5	10.000	10.140	.140	1.40	1.8034	.003	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



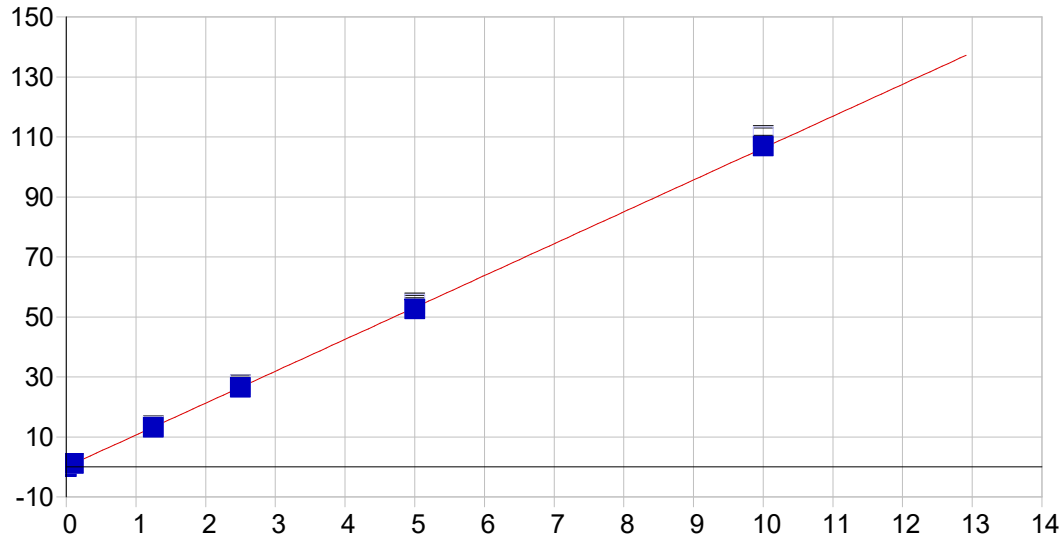
Ti 336.121 {100}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000175	Re-Slope:	1.000000
A1 (Gain):	0.446975	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000143		
Predicted MDL:	0.003082		
Predicted MQL:	0.010274		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00018	.000	1
S1	.10000	.10385	.004	3.85	.04624	.001	1
S2	1.2500	1.2455	-.005	-.364	.55651	.001	1
S3	2.5000	2.5077	.008	.306	1.1207	.004	1
S4	5.0000	4.9570	-.043	-.859	2.2155	.013	1
S5	10.000	10.036	.036	.360	4.4857	.019	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



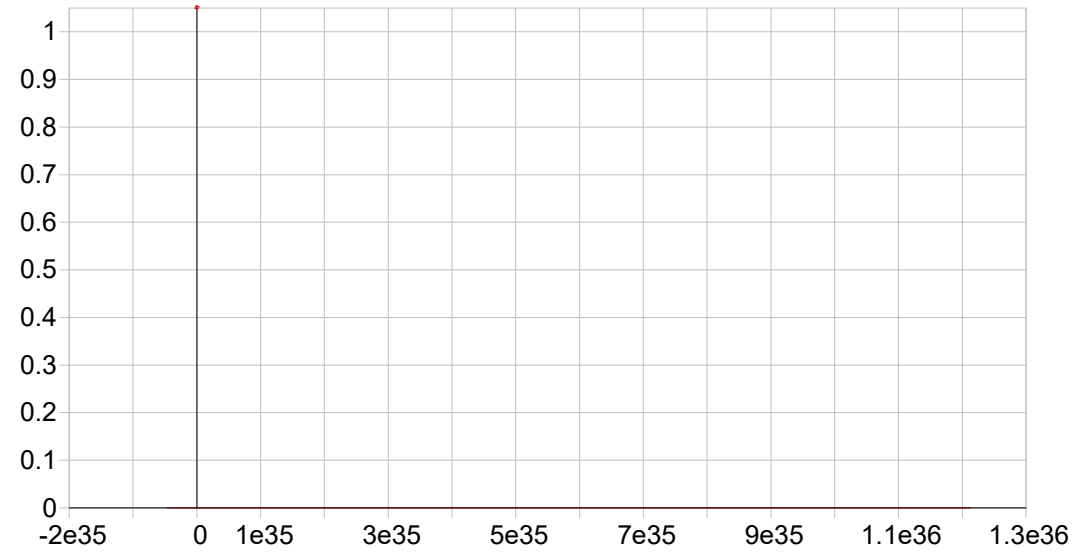
Sr 407.771 { 83}

Date of Fit:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002467	Re-Slope:	1.000000
A1 (Gain):	10.626997	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999975	Status:	OK.
Std Error of Est:	0.004095		
Predicted MDL:	0.000208		
Predicted MQL:	0.000695		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00250	.001	1
S1	.10000	.10445	.004	4.45	1.1086	.004	1
S2	1.2500	1.2407	-.009	-.746	13.581	.072	1
S3	2.5000	2.4931	-.007	-.276	27.289	.095	1
S4	5.0000	4.9558	-.044	-.883	54.257	.344	1
S5	10.000	10.056	.056	.561	110.05	.402	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

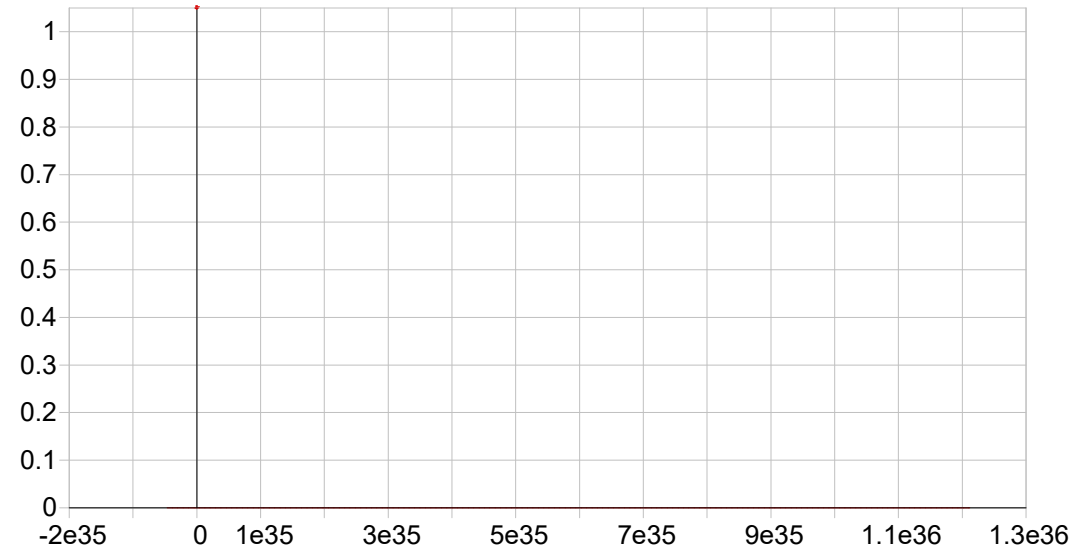


Y 224.306 {450}*

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

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

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



Y 360.073 { 94}*

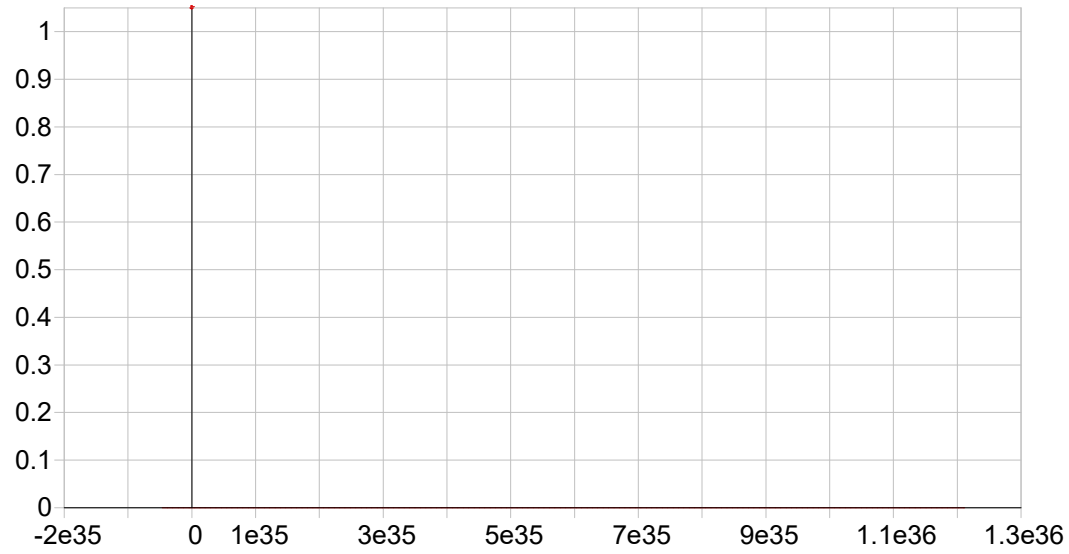
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

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

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



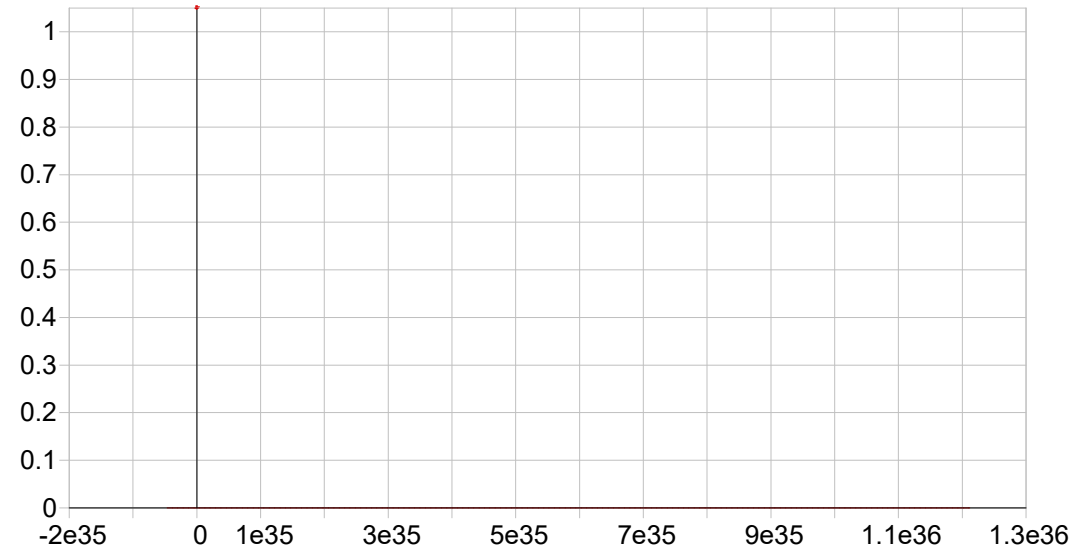
Y 371.030 { 91}*

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

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

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

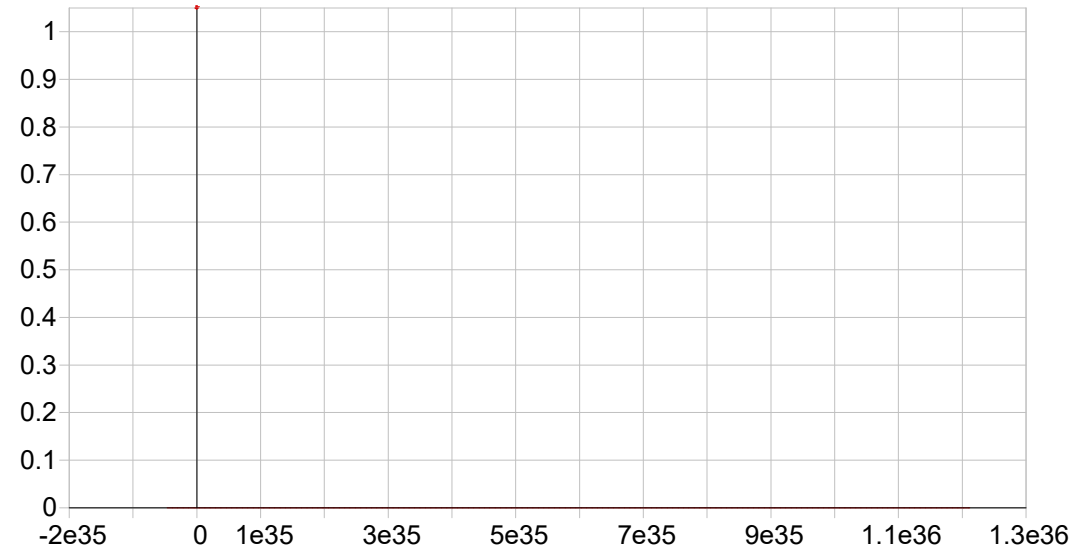
Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5



Y 224.306 {150}*

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

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



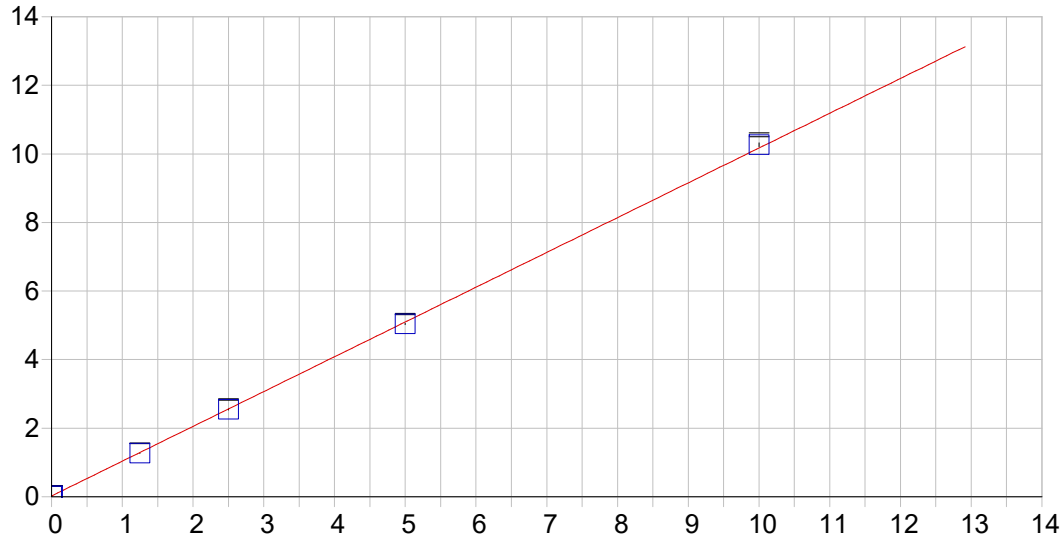
In 230.606 {446}*

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

Reviewed By:kareem
On:12/27/2024 8:22:17 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:	12/20/2024 17:45:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.023247	Re-Slope:	1.000000
A1 (Gain):	1.014736	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999876	Status:	OK.
Std Error of Est:	0.000328		
Predicted MDL:	0.004135		
Predicted MQL:	0.013783		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.02325	.005	1
S5	10.000	10.096	.096	.963	10.268	.058	1
S4	5.0000	4.9438	-.056	-1.12	5.0399	.018	1
S3	2.5000	2.4856	-.014	-.576	2.5455	.020	1
S2	1.2500	1.2306	-.019	-1.55	1.2720	.008	1
S1	.01500	.00864	-.006	-42.4	.03201	.002	1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/20/2024 17:18:43 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	-.13961	-.00022	.00016	-.00021	.00083	-.00244	.04287	-.00019
Stddev	.23435	.00037	.00016	.00029	.00043	.00180	.00446	.00053
%RSD	167.86	166.41	101.84	139.13	51.742	73.557	10.411	287.40
#1	-.35829	-.00061	.00003	-.00031	.00044	-.00447	.04801	-.00001
#2	-.16831	.00012	.00010	-.00042	.00129	-.00103	.03991	-.00079
#3	.10776	-.00017	.00034	.00012	.00075	-.00183	.04070	.00024

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	.00022	.00633	.00029	-.00055	.00175	.00022	.00060	-.00137
Stddev	.00004	.00317	.00007	.00020	.00118	.00022	.00032	.00034
%RSD	19.178	50.008	24.224	35.944	67.250	98.826	53.065	24.561
#1	.00019	.00311	.00036	-.00076	.00277	.00045	.00073	-.00099
#2	.00027	.00646	.00027	-.00053	.00046	.00021	.00024	-.00163
#3	.00020	.00944	.00022	-.00036	.00201	.00001	.00083	-.00150

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	-.00078	.00054	.00289	.00033	-.00114	.10002	-.00254	.00153
Stddev	.00023	.00014	.00559	.00096	.00059	.00350	.00013	.00096
%RSD	28.866	26.459	193.53	289.96	51.637	3.5035	5.1039	62.802
#1	-.00063	.00043	.00821	.00144	-.00175	.10406	-.00245	.00222
#2	-.00104	.00050	-.00293	-.00020	-.00109	.09813	-.00269	.00043
#3	-.00068	.00070	.00338	-.00025	-.00058	.09786	-.00248	.00195

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	.00022	.00060	.02123	.00252	-.00018	-.00250	.02325
Stddev	.00022	.00011	.00177	.00026	.00044	.00123	.00546
%RSD	101.62	17.782	8.3137	10.340	248.99	49.196	23.494
#1	.00042	.00048	.02251	.00231	-.00068	-.00190	.02038
#2	.00026	.00066	.01922	.00281	.00014	-.00169	.02955
#3	-.00002	.00067	.02196	.00245	.00001	-.00391	.01982

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/20/2024 17:18:43 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	1829.7	22569.	2287.6	1561.3	2139.9
Stddev	1.0	60.	13.9	2.6	1.1
%RSD	.05704	.26598	.60611	.16540	.05112
#1	1828.8	22550.	2272.7	1558.5	2139.7
#2	1830.8	22521.	2289.9	1561.9	2138.9
#3	1829.6	22637.	2300.2	1563.5	2141.1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/20/2024 17:22:50 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S01 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.4180	.00184	.00212	.00263	.01001	.02018	.94095	.04954
Stddev	.0374	.00035	.00081	.00036	.00040	.00276	.00974	.00067
%RSD	2.6341	18.970	38.241	13.741	3.9742	13.692	1.0352	1.3567
#1	1.3931	.00150	.00305	.00269	.00983	.01900	.93841	.04893
#2	1.3998	.00182	.00175	.00296	.01047	.01820	.95171	.05026
#3	1.4609	.00219	.00156	.00224	.00974	.02334	.93273	.04944

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	.02066	.28057	.00310	.05791	.00587	.00235	.00825	.05079
Stddev	.00060	.00259	.00005	.00013	.00117	.00032	.00037	.00097
%RSD	2.8936	.92174	1.7427	.23237	19.911	13.570	4.4688	1.9158
#1	.01998	.27990	.00316	.05790	.00615	.00237	.00809	.04967
#2	.02096	.28342	.00308	.05804	.00459	.00202	.00799	.05145
#3	.02106	.27838	.00306	.05777	.00688	.00265	.00867	.05124

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	.02599	.00349	.03275	.00565	.00135	.21499	-.00201	.00239
Stddev	.00005	.00028	.00289	.00060	.00031	.00404	.00021	.00146
%RSD	.17702	8.1617	8.8133	10.695	22.721	1.8802	10.620	61.168
#1	.02604	.00364	.03585	.00500	.00129	.21141	-.00179	.00276
#2	.02595	.00316	.03014	.00620	.00169	.21937	-.00202	.00362
#3	.02597	.00366	.03227	.00575	.00109	.21417	-.00221	.00078

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	.00692	.00518	.41390	.00392	.04624	1.1086	.03201
Stddev	.00008	.00008	.00124	.00014	.00119	.0042	.00232
%RSD	1.2223	1.5496	.29950	3.5541	2.5822	.37780	7.2406
#1	.00700	.00525	.41342	.00394	.04520	1.1051	.02934
#2	.00692	.00519	.41296	.00378	.04598	1.1132	.03342
#3	.00683	.00509	.41530	.00405	.04755	1.1074	.03327

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/20/2024 17:22:50 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	1825.4	22472.	2266.7	1551.0	2140.7
Stddev	2.3	125.	10.3	7.7	3.2
%RSD	.12851	.55583	.45298	.49536	.14731
#1	1823.3	22448.	2274.5	1543.5	2140.2
#2	1827.9	22360.	2255.1	1550.7	2144.0
#3	1824.9	22607.	2270.6	1558.9	2137.8

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/20/2024 17:26:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	177.78	.10553	1.6019	.10969	.21473	4.5303	11.027	1.2089
Stddev	.44	.00056	.0037	.00033	.00038	.0302	.075	.0087
%RSD	.24780	.53413	.23273	.30535	.17639	.66769	.68136	.72328
#1	178.22	.10489	1.5985	.10985	.21490	4.5025	10.972	1.2017
#2	177.34	.10574	1.6013	.10931	.21430	4.5625	11.113	1.2186
#3	177.78	.10597	1.6059	.10991	.21499	4.5258	10.996	1.2064

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.5995	3.4234	1.1378	.72437	.67071	.80762	1.8279	.62675
Stddev	.0065	.0224	.0110	.00163	.00864	.00520	.0146	.00422
%RSD	.25066	.65328	.96908	.22457	1.2885	.64377	.79733	.67321
#1	2.5943	3.4062	1.1426	.72257	.66154	.80296	1.8149	.62506
#2	2.5974	3.4487	1.1456	.72480	.67870	.81322	1.8436	.63156
#3	2.6068	3.4152	1.1252	.72573	.67190	.80667	1.8251	.62365

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	.42579	.09137	.24083	.06079	.17913	.96007	.08943	.79178
Stddev	.00027	.00106	.00559	.00100	.00220	.00577	.00008	.00477
%RSD	.06288	1.1567	2.3213	1.6382	1.2276	.60129	.09137	.60230
#1	.42549	.09156	.23543	.06032	.18055	.95416	.08934	.78664
#2	.42590	.09232	.24045	.06193	.18026	.96570	.08944	.79605
#3	.42599	.09023	.24659	.06011	.17660	.96034	.08950	.79266

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	.85573	.06043	2.1314	.21448	.55651	13.581	1.2720
Stddev	.00146	.00019	.0116	.00029	.00095	.072	.0085
%RSD	.17117	.31035	.54451	.13664	.17000	.53162	.66576
#1	.85613	.06026	2.1217	.21447	.55610	13.534	1.2659
#2	.85410	.06041	2.1442	.21419	.55759	13.664	1.2817
#3	.85694	.06063	2.1283	.21478	.55584	13.544	1.2686

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/20/2024 17:26:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	1758.8	22142.	2294.7	1501.9	1995.2
Stddev	2.8	273.	14.9	16.7	.8
%RSD	.16050	1.2343	.64751	1.1103	.03769
#1	1755.6	21988.	2299.2	1492.4	1996.1
#2	1759.6	21981.	2278.1	1492.2	1994.9
#3	1761.0	22458.	2306.8	1521.2	1994.7

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/20/2024 17:30:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	358.16	.21343	3.2648	.22510	.44042	9.1394	22.152	2.4283
Stddev	1.53	.00078	.0043	.00033	.00151	.0440	.118	.0126
%RSD	.42796	.36721	.13057	.14479	.34348	.48188	.53438	.51793
#1	357.60	.21317	3.2667	.22546	.43989	9.0894	22.019	2.4241
#2	356.99	.21431	3.2599	.22502	.43925	9.1724	22.245	2.4424
#3	359.90	.21281	3.2677	.22483	.44213	9.1565	22.192	2.4183

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.2915	6.9008	2.3030	1.4612	1.3588	1.6103	3.6534	1.2517
Stddev	.0101	.0176	.0054	.0026	.0042	.0025	.0219	.0080
%RSD	.19110	.25520	.23618	.17473	.30513	.15666	.59909	.63844
#1	5.2920	6.8806	2.3092	1.4614	1.3544	1.6074	3.6292	1.2444
#2	5.2811	6.9093	2.3001	1.4586	1.3593	1.6121	3.6717	1.2603
#3	5.3014	6.9125	2.2996	1.4637	1.3627	1.6114	3.6592	1.2505

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	.87295	.18732	.48243	.12210	.37692	1.8566	.18917	1.6118
Stddev	.00100	.00048	.00276	.00197	.00286	.0049	.00085	.0059
%RSD	.11450	.25730	.57125	1.6111	.75764	.26515	.45023	.36654
#1	.87383	.18782	.48373	.12064	.37395	1.8510	.18827	1.6131
#2	.87187	.18730	.48430	.12434	.37719	1.8599	.18929	1.6169
#3	.87316	.18685	.47927	.12133	.37964	1.8591	.18996	1.6053

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	1.7587	.12509	4.2469	.43875	1.1207	27.289	2.5455
Stddev	.0043	.00009	.0181	.00083	.0043	.095	.0203
%RSD	.24230	.07293	.42726	.19011	.38632	.34698	.79894
#1	1.7601	.12499	4.2473	.43844	1.1166	27.195	2.5224
#2	1.7539	.12517	4.2649	.43812	1.1252	27.384	2.5609
#3	1.7621	.12512	4.2286	.43970	1.1202	27.288	2.5531

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/20/2024 17:30:46 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	1698.7	21676.	2288.2	1443.2	1922.5
Stddev	1.4	28.	15.9	3.7	2.9
%RSD	.07956	.13111	.69604	.25540	.14881
#1	1698.0	21662.	2292.5	1447.3	1921.6
#2	1697.9	21657.	2270.6	1441.9	1920.2
#3	1700.3	21708.	2301.5	1440.3	1925.7

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/20/2024 17:34:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	700.51	.42195	6.5963	.45960	.91768	18.222	44.073	4.7947
Stddev	1.39	.00014	.0096	.00084	.00235	.085	.221	.0120
%RSD	.19886	.03422	.14555	.18268	.25564	.46908	.50115	.24955
#1	699.90	.42185	6.5969	.45922	.91814	18.313	44.328	4.7837
#2	699.52	.42212	6.5864	.45903	.91514	18.143	43.929	4.7928
#3	702.10	.42189	6.6055	.46057	.91977	18.212	43.963	4.8074

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.575	13.606	4.5581	2.8953	2.6896	3.1807	7.1662	2.4861
Stddev	.017	.066	.0154	.0071	.0115	.0171	.0355	.0114
%RSD	.16051	.48168	.33862	.24493	.42709	.53899	.49536	.45792
#1	10.586	13.669	4.5430	2.8986	2.7005	3.1992	7.2025	2.4960
#2	10.555	13.538	4.5575	2.8871	2.6776	3.1653	7.1315	2.4737
#3	10.583	13.612	4.5739	2.9001	2.6909	3.1776	7.1645	2.4887

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	1.7457	.37665	.96451	.24489	.79229	3.6344	.38980	3.1755
Stddev	.0038	.00062	.00963	.00206	.00805	.0170	.00052	.0143
%RSD	.21533	.16586	.99825	.84202	1.0158	.46819	.13402	.44903
#1	1.7482	.37662	.97462	.24614	.79961	3.6518	.39006	3.1595
#2	1.7414	.37604	.95544	.24251	.78367	3.6178	.38920	3.1802
#3	1.7475	.37729	.96347	.24601	.79358	3.6335	.39014	3.1868

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.6407	.25699	8.3013	.88294	2.2155	54.257	5.0399
Stddev	.0081	.00053	.0541	.00089	.0129	.344	.0178
%RSD	.22257	.20718	.65107	.10105	.58255	.63428	.35264
#1	3.6444	.25759	8.2471	.88352	2.2303	54.639	5.0535
#2	3.6314	.25657	8.3015	.88191	2.2066	53.970	5.0198
#3	3.6462	.25682	8.3552	.88338	2.2096	54.163	5.0465

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/20/2024 17:34:34 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	1592.0	21186.	2274.3	1345.1	1838.1
Stddev	1.2	58.	1.5	2.1	2.8
%RSD	.07498	.27246	.06494	.15756	.15072
#1	1591.0	21120.	2273.0	1342.7	1834.9
#2	1593.3	21228.	2275.9	1346.8	1839.9
#3	1591.8	21210.	2274.2	1345.8	1839.5

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/20/2024 17:38:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	1368.0	.84147	13.501	.99278	2.0396	37.359	89.947	9.5666
Stddev	6.9	.00315	.019	.00022	.0052	.188	.466	.0118
%RSD	.50727	.37433	.14115	.02179	.25285	.50269	.51779	.12380
#1	1363.2	.84499	13.520	.99300	2.0422	37.433	90.084	9.5732
#2	1364.8	.83891	13.482	.99257	2.0336	37.145	89.428	9.5529
#3	1375.9	.84052	13.502	.99276	2.0429	37.498	90.329	9.5737

Elem	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598	Mn2576	Mg2790
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	21.334	27.268	9.0795	5.8592	5.4231	6.3463	14.298	4.9945
Stddev	.030	.171	.0158	.0065	.0315	.0377	.068	.0218
%RSD	.13832	.62598	.17428	.11131	.58168	.59466	.47812	.43720
#1	21.366	27.385	9.0618	5.8611	5.4446	6.3539	14.306	4.9903
#2	21.307	27.072	9.0924	5.8519	5.3869	6.3053	14.225	4.9751
#3	21.329	27.347	9.0841	5.8645	5.4378	6.3796	14.361	5.0182

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	3.5453	.77341	1.9739	.49320	1.8028	7.4070	.81120	6.1971
Stddev	.0053	.00021	.0108	.00360	.0095	.0366	.00114	.0136
%RSD	.15017	.02684	.54701	.72925	.52424	.49431	.14011	.21904
#1	3.5502	.77321	1.9666	.49349	1.8035	7.4240	.81233	6.2046
#2	3.5396	.77362	1.9689	.48947	1.7930	7.3650	.81006	6.2053
#3	3.5460	.77340	1.9863	.49664	1.8119	7.4320	.81119	6.1814

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8.0437	.53761	16.438	1.8034	4.4857	110.05	10.268
Stddev	.0113	.00063	.020	.0029	.0188	.40	.058
%RSD	.14015	.11655	.12359	.16383	.41997	.36562	.56150
#1	8.0562	.53783	16.449	1.8032	4.4813	110.51	10.302
#2	8.0344	.53691	16.450	1.8005	4.4694	109.85	10.202
#3	8.0404	.53810	16.414	1.8064	4.5063	109.79	10.302

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/20/2024 17:38:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	1394.4	20375.	2245.0	1163.1	1721.3
Stddev	5.0	90.	8.6	3.9	6.6
%RSD	.35973	.44073	.38468	.33283	.38243
#1	1389.9	20433.	2246.9	1162.9	1714.9
#2	1393.5	20420.	2252.6	1167.1	1720.9
#3	1399.8	20271.	2235.6	1159.3	1728.1

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: S6 Acquired: 12/20/2024 17:42:11 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S06 Custom ID2: Custom ID3:
Comment:

Elem	Al3961	Ca3736	Fe2598	Mg2790	Na8183
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	96.919	43.543	16.574	7.9745	5.3423
Stddev	.193	.068	.026	.0188	.0202
%RSD	.19912	.15653	.15859	.23630	.37881
#1	96.907	43.561	16.570	7.9848	5.3547
#2	96.733	43.468	16.549	7.9528	5.3189
#3	97.118	43.601	16.602	7.9860	5.3532

Int. Std.	Y_3710
Units	Cts/S
Avg	2196.5
Stddev	9.7
%RSD	.44269
#1	2185.6
#2	2204.4
#3	2199.5

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICV009 Acquired: 12/20/2024 18:43:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.095878	1.020101	.9759660	.9467524	1.015107	2.405723
Stddev	.004875	.003717	.0055564	.0047870	.001218	.025879
%RSD	.4448140	.3644052	.5693187	.5056261	.1200138	1.075722
#1	1.100878	1.017545	.9734401	.9440655	1.016514	2.378512
#2	1.091139	1.018394	.9721213	.9439124	1.014391	2.408633
#3	1.095617	1.024366	.9823366	.9522793	1.014417	2.430023

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5244617	.5256698	.5043901	10.37361	.5547014	.5039497
Stddev	.0022893	.0037227	.0016573	.04046	.0001990	.0020100
%RSD	.4365107	.7081920	.3285700	.3899806	.0358781	.3988538
#1	.5227484	.5262603	.5039540	10.38583	.5549290	.5028747
#2	.5235750	.5216871	.5029945	10.32846	.5546151	.5027057
#3	.5270618	.5290620	.5062218	10.40655	.5545601	.5062686

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5100395	10.54768	.5338618	6.328964	.5133974	.2430099
Stddev	.0017230	.02214	.0033795	.117339	.0022051	.0003120
%RSD	.3378246	.2098685	.6330218	1.853999	.4295209	.1283892
#1	.5116607	10.52908	.5328742	6.398205	.5134495	.2428525
#2	.5102278	10.54180	.5310861	6.395204	.5111666	.2428080
#3	.5082301	10.57217	.5376250	6.193484	.5155760	.2433693

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.078670	.5131804	.9400343	9.218355	F -.000859	F .0016484
Stddev	.373600	.0099150	.0139820	.321245	.001771	.0012488
%RSD	4.115141	1.932075	1.487396	3.484837	206.2562	75.75633
#1	9.015584	.5021313	.9245423	9.371009	-.000885	.0027755
#2	8.740629	.5213021	.9517167	8.849247	.000926	.0018637
#3	9.479796	.5161079	.9438440	9.434809	-.002617	.0003060

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICV009 Acquired: 12/20/2024 18:43:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F .0002412	F .0032379	F -.000811	F .0000915	F -.000032	F -.009343
Stddev	.0003605	.0047529	.000966	.0008949	.001786	.000155
%RSD	149.4463	146.7922	119.1181	978.4445	5551.220	1.659620
#1	.0003687	.0010651	.000299	-.000890	-.001009	-.009389
#2	-.000166	-.000040	-.001271	.000302	-.001116	-.009170
#3	.000521	.008689	-.001460	.000862	.002029	-.009469

Elem	Li6707
Units	ppm
Avg	F -.000613
Stddev	.001684
%RSD	274.8356
#1	-.002146
#2	.001190
#3	-.000882

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.987	22487.96	2320.080	1553.860	2133.754
Stddev	.995	114.27	14.207	9.415	4.885
%RSD	.0543783	.5081278	.6123593	.6059317	.2289610
#1	1829.983	22394.93	2306.081	1549.970	2133.895
#2	1830.985	22453.45	2334.486	1547.012	2138.568
#3	1828.994	22615.51	2319.673	1564.597	2128.800

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICB009 Acquired: 12/20/2024 18:47:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024891	-.000271	-.001191	-.000286	-.000186	-.016879	-.001087
Stddev	.0019829	.003144	.000665	.000539	.001787	.024212	.001125
%RSD	79.66106	1158.857	55.84614	188.7763	959.1672	143.4482	103.5148
#1	.0026850	-.000174	-.001263	-.000793	-.000669	-.001858	-.001482
#2	.0043668	-.003463	-.000493	-.000343	.001792	-.003968	.000182
#3	.0004156	.002823	-.001817	.000280	-.001683	-.044810	-.001961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001520	.0001707	.0104752	-.000505	-.000081	-.004613	-.010125
Stddev	.0001234	.0000206	.0378204	.000601	.000410	.004816	.007621
%RSD	81.16942	12.04123	361.0484	119.0923	507.6642	104.4013	75.26976
#1	.0002133	.0001767	-.024869	-.000962	.000299	-.010102	-.014271
#2	.0000100	.0001478	.050361	-.000728	-.000516	-.002634	-.001330
#3	.0002327	.0001876	.005933	.000176	-.000025	-.001101	-.014774

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000779	.0426357	.0000121	.0003640	-.167003	-.011085	-.000400
Stddev	.000504	.1141329	.0002092	.0000947	.883191	.003648	.015502
%RSD	64.66564	267.6932	1731.678	26.00935	528.8462	32.90782	3871.015
#1	-.000990	-.066863	.0002530	.0004261	-.097081	-.010418	.015512
#2	-.000204	.033872	-.000123	.0004110	.679148	-.007816	-.001257
#3	-.001142	.160898	-.000094	.0002551	-1.08308	-.015020	-.015457

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.330496	-.002878	-.002182	-.000115	-.006179	-.002199	-.005951
Stddev	.122090	.001637	.000844	.000072	.004588	.001383	.000653
%RSD	36.94152	56.86676	38.68280	63.00005	74.25742	62.86546	10.97234
#1	-.368184	-.001391	-.001284	-.000097	-.001364	-.001474	-.005438
#2	-.429298	-.002612	-.002303	-.000194	-.006672	-.001331	-.006686
#3	-.194005	-.004632	-.002958	-.000053	-.010501	-.003794	-.005729

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICB009 Acquired: 12/20/2024 18:47:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB009 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0025407	-.000057	-.000381
Stddev	.0018674	.000149	.003983
%RSD	73.50073	260.9339	1045.952
#1	.0004061	-.000042	-.002167
#2	.0033438	.000084	.004183
#3	.0038722	-.000213	-.003158

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.829	22747.49	2316.166	1573.044	2162.423
Stddev	2.573	102.14	12.262	1.571	5.196
%RSD	.1392519	.4490192	.5294268	.0998431	.2403003
#1	1850.800	22705.29	2319.640	1574.605	2168.409
#2	1846.391	22863.97	2302.541	1573.062	2159.064
#3	1846.297	22673.21	2326.316	1571.464	2159.798

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICSA009 Acquired: 12/20/2024 18:51:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083435	-.015072	-.000198	.0254589	.0039875	237.4675
Stddev	.0038220	.004722	.004219	.0056786	.0030531	1.0293
%RSD	45.80774	31.33126	2135.501	22.30485	76.56671	.4334466
#1	.0127510	-.017496	-.004240	.0319856	.0028814	236.3113
#2	.0059460	-.018090	-.000531	.0216498	.0016416	237.8072
#3	.0063335	-.009630	.004178	.0227413	.0074395	238.2841

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054289	.0023987	.0007455	245.3578	.0503061	.0342003
Stddev	.0005274	.0001144	.0001224	.8711	.0007286	.0002352
%RSD	9.714990	4.769637	16.41323	.3550466	1.448424	.6876973
#1	.0057770	.0025142	.0008121	244.5060	.0495400	.0344191
#2	.0048221	.0023965	.0006043	245.3206	.0503878	.0339516
#3	.0056876	.0022854	.0008201	246.2470	.0509904	.0342300

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.013234	100.9271	.0090810	256.5480	.0035584	.0055300
Stddev	.004637	.1797	.0005398	1.2217	.0006846	.0015117
%RSD	35.03891	.1780872	5.944036	.4762095	19.23869	27.33565
#1	-.016993	100.7213	.0089557	255.1655	.0040386	.0042966
#2	-.014657	101.0536	.0086149	256.9963	.0038620	.0050771
#3	-.008052	101.0062	.0096724	257.4822	.0027745	.0072164

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.03503	.0083949	-.020978	-.758622	-.006772	F .0185641
Stddev	.10290	.0114413	.013606	.161072	.003502	.0014610
%RSD	9.941636	136.2889	64.85723	21.23225	51.71014	7.870007
#1	-.96009	.0142984	-.030192	-.724631	-.002869	.0171056
#2	-.99266	-.004792	-.027392	-.617257	-.007810	.0200276
#3	-1.15235	.015679	-.005351	-.933977	-.009638	.0185592

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICSA009 Acquired: 12/20/2024 18:51:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014427	.0135100	-.003623	.0004282	.0016293	.0032390
Stddev	.0004463	.0026512	.000759	.0014551	.0014593	.0000974
%RSD	30.93511	19.62427	20.94010	339.7939	89.56339	3.008236
#1	.0009653	.0164559	-.003032	.0008133	.0024162	.0032359
#2	.0018495	.0113156	-.004479	-.001181	-.000055	.0031431
#3	.0015131	.0127586	-.003359	.001652	.002526	.0033379

Elem	Li6707
Units	ppm
Avg	-.002410
Stddev	.002479
%RSD	102.8641
#1	-.004057
#2	-.003612
#3	.000441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1742.570	21259.70	2275.695	1484.330	1904.662
Stddev	2.429	136.54	1.024	8.165	5.442
%RSD	.1394069	.6422269	.0449789	.5500624	.2857087
#1	1744.674	21411.99	2276.848	1493.741	1910.807
#2	1739.911	21148.23	2274.894	1480.112	1900.452
#3	1743.124	21218.89	2275.344	1479.138	1902.728

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICSAB009 Acquired: 12/20/2024 19:01:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB009 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1118575	.0961657	.0506467	.0716440	.5560824	243.3925
Stddev	.0040234	.0028159	.0019234	.0023818	.0027692	1.0598
%RSD	3.596925	2.928222	3.797709	3.324540	.4979784	.4354357
#1	.1072183	.0986114	.0500369	.0739561	.5530477	243.3421
#2	.1143921	.0930872	.0528011	.0717778	.5584723	244.4766
#3	.1139621	.0967985	.0491021	.0691980	.5567273	242.3587

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5363016	.5309610	1.018593	250.7849	.5965439	.5278232
Stddev	.0017899	.0041157	.001864	.8634	.0034289	.0004708
%RSD	.3337557	.7751458	.1829596	.3442667	.5747987	.0891975
#1	.5368522	.5330615	1.016552	250.9519	.6004104	.5277621
#2	.5377516	.5336026	1.019026	251.5526	.5938722	.5273860
#3	.5343011	.5262189	1.020203	249.8503	.5953492	.5283216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4739588	103.9016	.5304337	262.8718	1.013251	.1929764
Stddev	.0044010	.7374	.0012638	1.2390	.002251	.0010457
%RSD	.9285529	.7096799	.2382530	.4713291	.2221566	.5418690
#1	.4741378	103.9918	.5310942	262.6563	1.010842	.1920144
#2	.4782676	104.5896	.5312304	264.2045	1.013610	.1928256
#3	.4694712	103.1232	.5289766	261.7548	1.015300	.1940893

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.716099	.5226847	.9018573	-1.23806	-.002624	F .0193516
Stddev	.409028	.0060679	.0179656	.17068	.003043	.0064013
%RSD	57.11890	1.160914	1.992065	13.78572	115.9767	33.07906
#1	-.252030	.5253536	.8843190	-1.43282	-.004104	.0218163
#2	-.872080	.5269606	.9202217	-1.11461	.000876	.0241542
#3	-1.02419	.5157397	.9010311	-1.16674	-.004643	.0120843

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: ICSAB009 Acquired: 12/20/2024 19:01:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB009 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021555	.0178216	-.003293	.0006657	-.000674	.0036435
Stddev	.0003338	.0035796	.000826	.0002975	.002408	.0002401
%RSD	15.48623	20.08594	25.07212	44.69337	357.2888	6.590143
#1	.0022225	.0211158	-.002399	.0007658	-.002582	.0033705
#2	.0017932	.0183368	-.003453	.0009002	-.001472	.0037379
#3	.0024507	.0140123	-.004027	.0003310	.002032	.0038221

Elem	Li6707
Units	ppm
Avg	-.004154
Stddev	.003279
%RSD	78.94520
#1	-.002215
#2	-.002307
#3	-.007940

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1736.765	21118.01	2277.677	1475.815	1901.015
Stddev	5.097	31.20	13.371	1.866	4.920
%RSD	.2934993	.1477576	.5870621	.1264228	.2588293
#1	1733.990	21082.90	2275.000	1477.364	1899.151
#2	1733.657	21142.57	2265.847	1476.337	1897.299
#3	1742.648	21128.56	2292.185	1473.743	1906.595

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV081 Acquired: 12/20/2024 19:05:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.020170	4.936962	24.95856	4.904866	4.900146	407.9779	10.28323
Stddev	.007234	.023310	.09863	.021134	.012227	.8425	.02999
%RSD	.1440889	.4721618	.3951691	.4308694	.2495218	.2065031	.2915969
#1	5.024110	4.962063	25.05062	4.929266	4.914147	407.6079	10.25551
#2	5.011822	4.915995	24.85447	4.893010	4.891567	407.3837	10.27911
#3	5.024577	4.932829	24.97060	4.892322	4.894726	408.9420	10.31506

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5171305	2.509632	410.7829	15.59473	2.511059	15.36999	415.0674
Stddev	.0020238	.010274	.8776	.10006	.010690	.03765	1.0395
%RSD	.3913597	.4093815	.2136528	.6416296	.4257144	.2449630	.2504502
#1	.5147991	2.519515	411.5464	15.48239	2.521997	15.39185	414.1884
#2	.5181569	2.499007	409.8240	15.67429	2.500636	15.32652	414.7989
#3	.5184354	2.510373	410.9782	15.62750	2.510543	15.39161	416.2148

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.28200	409.4045	2.528850	1.303178	408.4372	2.569120	14.86148
Stddev	.04945	1.2378	.011001	.007585	2.3811	.010572	.10020
%RSD	.3235727	.3023509	.4350298	.5820054	.5829887	.4114864	.6741963
#1	15.23217	408.8571	2.539689	1.297175	405.8596	2.558533	14.76973
#2	15.28277	408.5348	2.517694	1.311702	408.8970	2.569148	14.84632
#3	15.33106	410.8217	2.529168	1.300656	410.5548	2.579676	14.96839

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.9553	5.023603	5.042218	4.846655	5.074105	4.995840	5.025764
Stddev	.3922	.017646	.029896	.017345	.014621	.015470	.020704
%RSD	.2531305	.3512521	.5929138	.3578799	.2881529	.3096580	.4119512
#1	154.6554	5.034554	5.007770	4.866620	5.088132	4.980626	5.045808
#2	154.8112	5.003247	5.061385	4.835292	5.058955	5.011554	5.004458
#3	155.3992	5.033008	5.057500	4.838053	5.075228	4.995339	5.027026

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV081 Acquired: 12/20/2024 19:05:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV081 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.128113	4.879557	5.202074
Stddev	.011961	.009765	.011549
%RSD	.2332523	.2001222	.2220056
#1	5.123049	4.870658	5.199288
#2	5.119515	4.878008	5.192173
#3	5.141773	4.890003	5.214761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.435	20457.32	2237.880	1302.606	1755.359
Stddev	2.545	71.05	3.853	3.995	3.932
%RSD	.1657755	.3473189	.1721764	.3067153	.2239798
#1	1532.529	20539.32	2238.307	1306.930	1752.494
#2	1536.505	20418.64	2241.502	1301.840	1759.841
#3	1537.270	20414.00	2233.831	1299.050	1753.743

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB081 Acquired: 12/20/2024 19:09:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021532	.0006173	.0009618	.0020062	-.003261	.0024440
Stddev	.0037779	.0031260	.0014775	.0037565	.000527	.0274107
%RSD	175.4526	506.3609	153.6144	187.2432	16.17034	1121.546
#1	.0040558	-.002852	.0019294	-.001795	-.003852	.0308517
#2	.0046016	.003214	-.000739	.002097	-.003090	.0003273
#3	-.002198	.001490	.001695	.005716	-.002840	-.023847

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000463	.0002247	.0002119	.0075773	-.000314	.0002193
Stddev	.001354	.0001498	.0000700	.0256691	.000734	.0003049
%RSD	292.7268	66.63149	33.02544	338.7608	233.6939	139.0217
#1	.000052	.0003814	.0002286	-.016179	-.000326	.0003242
#2	.000559	.0002099	.0001351	.034805	-.001042	-.000124
#3	-.001999	.0000830	.0002720	.004106	.000426	.000458

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000064	-.006968	.0015303	.0952938	.0000636	.0005032
Stddev	.002301	.032548	.0010036	.0436448	.0007391	.0005211
%RSD	3608.588	467.0820	65.58417	45.80027	1162.218	103.5530
#1	-.000375	-.020111	.0026489	.1438063	.0004632	.0009503
#2	-.002194	-.030890	.0012330	.0828601	.0005168	.0006284
#3	.002377	.030096	.0007089	.0592150	-.000789	-.000069

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.460316	-.009999	-.007512	-.249786	-.002358	.0128566
Stddev	.410805	.003256	.006210	.028553	.001361	.0013148
%RSD	89.24409	32.55887	82.67196	11.43098	57.71168	10.22663
#1	-.934341	-.008835	-.002144	-.267916	-.003349	.0143746
#2	-.238663	-.007486	-.006078	-.216873	-.002919	.0121176
#3	-.207945	-.013677	-.014314	-.264569	-.000806	.0120776

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB081 Acquired: 12/20/2024 19:09:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB081 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000019	-.003188	-.001159	F -.011152	.0031994	.0001466
Stddev	.000733	.002665	.000761	.001006	.0010132	.0002282
%RSD	3961.019	83.57311	65.62392	9.023791	31.66815	155.6881
#1	-.000749	-.006183	-.000521	-.011077	.0027554	.0002199
#2	.000717	-.002303	-.002001	-.012194	.0043589	.0003290
#3	-.000024	-.001080	-.000956	-.010186	.0024841	-.000109

Elem	Li6707
Units	ppm
Avg	.0002944
Stddev	.0012646
%RSD	429.5533
#1	-.000172
#2	.001726
#3	-.000671

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.251	22628.07	2308.995	1575.052	2157.436
Stddev	6.275	55.52	33.054	4.869	6.788
%RSD	.3408038	.2453804	1.431547	.3091332	.3146515
#1	1842.848	22578.41	2278.637	1570.308	2159.434
#2	1834.332	22688.02	2304.140	1580.037	2149.872
#3	1846.574	22617.78	2344.208	1574.811	2163.000

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5067-05DL2X5 Acquired: 12/20/2024 19:13:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054454	.0339431	.0291286	-.028444	-.015649	1.957592	.3613054
Stddev	.0024106	.0050003	.0016065	.001577	.003170	.014364	.0026814
%RSD	44.26894	14.73153	5.515122	5.544485	20.25466	.7337467	.7421444
#1	.0026650	.0336970	.0292687	-.026626	-.014411	1.961427	.3589170
#2	.0067217	.0390619	.0274567	-.029432	-.013285	1.969649	.3607934
#3	.0069497	.0290703	.0306606	-.029276	-.019251	1.941700	.3642059

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006695	.0002923	378.0607	.0130536	.0393394	.0075448	8.973307
Stddev	.0001856	.0000783	.6253	.0007424	.0002280	.0002901	.004206
%RSD	27.72200	26.77808	.1653910	5.687691	.5794999	3.845078	.0468761
#1	.0005761	.0003116	377.5958	.0126477	.0395035	.0077658	8.971388
#2	.0005491	.0003591	377.8148	.0126026	.0394356	.0076524	8.970403
#3	.0008833	.0002062	378.7716	.0139105	.0390791	.0072163	8.978131

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2320900	206.5036	.0152412	.0014486	.1970955	.0034393	.0266272
Stddev	.0025900	.0924	.0009423	.0010321	1.307115	.0052802	.0007620
%RSD	1.115957	.0447516	6.182844	71.24618	663.1887	153.5267	2.861744
#1	.2297530	206.4240	.0161331	.0012624	-1.01756	.0006205	.0273832
#2	.2316423	206.4818	.0153350	.0005223	1.58032	.0095307	.0258594
#3	.2348747	206.6050	.0142555	.0025612	.02853	.0001667	.0266389

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1803359	.1941343	.0324919	.0031107	5.188287	1.054072	-.002370
Stddev	.0253261	.0013257	.0002454	.0007315	.007109	.003418	.001668
%RSD	14.04385	.6828793	.7553546	23.51639	.1370132	.3242926	70.35372
#1	.1772214	.1931591	.0327231	.0034715	5.195152	1.057148	-.000940
#2	.1567111	.1935999	.0322344	.0035918	5.188752	1.054675	-.001970
#3	.2070752	.1956437	.0325183	.0022689	5.180958	1.050392	-.004202

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5067-05DL2X5 Acquired: 12/20/2024 19:13:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28M4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0325331	11.34065	.0092815
Stddev	.0019681	.11218	.0052998
%RSD	6.049618	.9891764	57.10021
#1	.0347719	11.35758	.0078691
#2	.0317517	11.44339	.0048310
#3	.0310757	11.22096	.0151445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1738.750	21449.50	2265.158	1470.186	1892.595
Stddev	3.630	121.05	6.920	8.067	1.811
%RSD	.2087917	.5643396	.3055035	.5486836	.0956854
#1	1740.801	21531.02	2257.978	1474.155	1892.802
#2	1740.891	21507.08	2271.785	1475.498	1894.294
#3	1734.559	21310.41	2265.712	1460.903	1890.690

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4964-05DL2X5 Acquired: 12/20/2024 19:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ03 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092693	.0287108	.1799374	-.021151	-.014384	4.518460	.0504633
Stddev	.0043875	.0008875	.0012735	.005026	.000417	.021673	.0008813
%RSD	47.33366	3.091159	.7077565	23.76132	2.896758	.4796483	1.746475
#1	.0053576	.0288853	.1798023	-.026843	-.013903	4.500282	.0508726
#2	.0140134	.0277490	.1812730	-.019283	-.014618	4.512654	.0494517
#3	.0084370	.0294981	.1787368	-.017326	-.014631	4.542445	.0510655

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008798	.0111622	409.2971	.0134089	.0429822	.0222336	24.68755
Stddev	.0000221	.0000518	2.5739	.0002385	.0005978	.0012176	.16537
%RSD	2.515649	.4639735	.6288705	1.778709	1.390809	5.476447	.6698409
#1	.0008637	.0112220	408.5350	.0134702	.0423132	.0229238	24.71378
#2	.0009050	.0111326	407.1903	.0136108	.0431695	.0208277	24.51063
#3	.0008706	.0111319	412.1661	.0131457	.0434639	.0229492	24.83823

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.605132	217.1335	.0219587	.0037182	.1861600	.0014189	2.005069
Stddev	.028125	1.6584	.0014224	.0000760	.4160004	.0042581	.045828
%RSD	1.079597	.7637680	6.477448	2.044665	223.4639	300.0903	2.285589
#1	2.599988	216.6442	.0235933	.0036333	.1963870	-.001893	1.992166
#2	2.579934	215.7748	.0210032	.0037410	.5969525	-.000072	1.967076
#3	2.635474	218.9815	.0212795	.0037802	-.234860	.006222	2.055965

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.299819	.6218632	.0338582	.0018915	5.327831	2.036378	.0033125
Stddev	.122302	.0041311	.0014298	.0002040	.006709	.004803	.0017040
%RSD	9.409192	.6643080	4.223007	10.78567	.1259304	.2358669	51.44031
#1	1.167057	.6258649	.0349115	.0016588	5.327778	2.031509	.0025458
#2	1.407897	.6221108	.0322305	.0019758	5.321148	2.036514	.0021266
#3	1.324501	.6176139	.0344328	.0020398	5.334567	2.041112	.0052651

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4964-05DL2X5 Acquired: 12/20/2024 19:17:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ03 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0610361	.1210162	.0168822
Stddev	.0035294	.0012297	.0002095
%RSD	5.782418	1.016185	1.240830
#1	.0622353	.1206159	.0166974
#2	.0638096	.1200365	.0168395
#3	.0570634	.1223962	.0171098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1733.739	21481.35	2267.360	1470.571	1867.307
Stddev	2.957	98.14	6.560	5.713	1.555
%RSD	.1705589	.4568401	.2893329	.3884797	.0832665
#1	1730.581	21402.23	2268.902	1474.635	1865.964
#2	1736.443	21591.17	2273.011	1473.040	1866.947
#3	1734.194	21450.65	2260.166	1464.039	1869.011

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-01 Acquired: 12/20/2024 19:21:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1888606	-.267788	2.046992	.2979501	.1487171	106.8684	1.455803
Stddev	.0028351	.004810	.011882	.0074856	.0017613	1.0027	.012379
%RSD	1.501163	1.796216	.5804755	2.512372	1.184302	.9382532	.8502918
#1	.1890740	-.263146	2.052960	.2895442	.1467758	105.9538	1.445833
#2	.1915831	-.267469	2.054708	.3004096	.1491630	106.7109	1.451919
#3	.1859249	-.272750	2.033309	.3038965	.1502126	107.9406	1.469658

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194712	.0229252	319.9638	2.399306	.1535406	1.952968	629.1286
Stddev	.0000846	.0004330	2.9824	.018229	.0012220	.023763	5.5149
%RSD	.4346463	1.888766	.9321088	.7597792	.7958560	1.216754	.8765983
#1	.0194215	.0232062	317.4471	2.409968	.1536330	1.938367	624.2999
#2	.0195690	.0231430	319.1865	2.378257	.1547137	1.940148	627.9475
#3	.0194233	.0224266	323.2579	2.409693	.1522750	1.980387	635.1384

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.59683	73.25588	1.563392	.0439782	2.077908	.3611963	6.897816
Stddev	.11958	.55384	.010157	.0027582	.260185	.0005877	.052528
%RSD	.9493066	.7560341	.6496838	6.271616	12.52148	.1626989	.7615213
#1	12.49839	72.92294	1.570321	.0408007	2.378045	.3605672	6.928678
#2	12.56218	72.94949	1.568122	.0457539	1.939439	.3612907	6.837164
#3	12.72991	73.89522	1.551732	.0453801	1.916240	.3617311	6.927605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.46351	8.844960	.2990643	.2771696	7.844249	9.282330	.1848983
Stddev	.33577	.063567	.0051366	.0003555	.051612	.067829	.0021592
%RSD	1.640833	.7186771	1.717546	.1282467	.6579661	.7307302	1.167784
#1	20.20530	8.868898	.2991692	.2773567	7.860035	9.217383	.1855363
#2	20.34213	8.893083	.2938761	.2767597	7.886125	9.276892	.1866666
#3	20.84309	8.772900	.3041476	.2773926	7.786587	9.352714	.1824920

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-01 Acquired: 12/20/2024 19:21:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.630028	.2113659	.1220139
Stddev	.022579	.0024723	.0030995
%RSD	1.385188	1.169673	2.540295
#1	1.607948	.2093829	.1202557
#2	1.629061	.2105791	.1201933
#3	1.653075	.2141359	.1255928

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.551	24521.50	2625.032	1664.759	1982.277
Stddev	5.224	156.43	31.151	8.283	14.514
%RSD	.2661936	.6379183	1.186692	.4975227	.7322112
#1	1958.052	24526.64	2657.081	1664.827	1974.277
#2	1961.321	24675.29	2623.151	1673.008	1973.522
#3	1968.281	24362.56	2594.864	1656.443	1999.031

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-02 Acquired: 12/20/2024 19:25:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2277652	-.275526	2.258135	.3047480	.1540585	83.43936	1.482926
Stddev	.0026345	.002715	.008074	.0052525	.0018955	.38477	.009693
%RSD	1.156650	.9852741	.3575683	1.723543	1.230367	.4611331	.6536179
#1	.2307710	-.273438	2.249717	.3107539	.1518790	83.85008	1.492239
#2	.2266673	-.274546	2.265815	.3010132	.1553215	83.08728	1.472894
#3	.2258572	-.278595	2.258871	.3024770	.1549751	83.38074	1.483644

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192101	.0203959	308.9870	2.025288	.1578196	4.615900	646.2016
Stddev	.0003955	.0002255	1.4816	.044892	.0005426	.008342	3.8310
%RSD	2.058832	1.105827	.4795034	2.216556	.3438264	.1807123	.5928457
#1	.0196642	.0201886	310.5972	2.022171	.1581291	4.620724	649.9264
#2	.0189406	.0206361	307.6813	1.982036	.1581366	4.606268	642.2726
#3	.0190256	.0203631	308.6825	2.071657	.1571930	4.620708	646.4057

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.97184	68.65187	1.141819	.0445514	1.813617	.3563599	6.096980
Stddev	.08607	.53732	.003356	.0032005	.357281	.0065419	.116598
%RSD	.6160276	.7826684	.2938976	7.183912	19.69990	1.835743	1.912384
#1	14.05594	69.26816	1.139876	.0459812	1.977591	.3594481	6.030406
#2	13.88392	68.28166	1.145694	.0467877	1.403783	.3607861	6.028922
#3	13.97567	68.40580	1.139887	.0408852	2.059478	.3488457	6.231613

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.61876	7.381667	.2823770	.2245370	6.837727	9.386163	.3939592
Stddev	.25610	.018138	.0060719	.0004397	.027763	.147624	.0009702
%RSD	1.375501	.2457144	2.150287	.1958158	.4060244	1.572781	.2462644
#1	18.80997	7.369822	.2756651	.2246830	6.825852	9.554462	.3940306
#2	18.32779	7.402548	.2839776	.2240429	6.869453	9.278573	.3948917
#3	18.71852	7.372632	.2874883	.2248851	6.817877	9.325455	.3929553

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-02 Acquired: 12/20/2024 19:25:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.643731	.1161520	.1184840
Stddev	.007919	.0006186	.0030845
%RSD	.4817553	.5325812	2.603301
#1	1.652330	.1166452	.1206444
#2	1.636738	.1154579	.1198561
#3	1.642127	.1163527	.1149515

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.489	24112.97	2541.019	1637.390	1994.565
Stddev	7.430	439.91	24.186	29.066	6.283
%RSD	.3817109	1.824357	.9518107	1.775120	.3150306
#1	1938.128	24293.29	2513.103	1649.696	1990.613
#2	1949.004	24434.06	2555.649	1658.278	1991.271
#3	1952.335	23611.55	2554.306	1604.196	2001.811

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-03 Acquired: 12/20/2024 19:29:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0876158	-.055961	.1746149	.0663457	.0248031	90.25794
Stddev	.0073287	.003185	.0013047	.0053428	.0009001	1.54196
%RSD	8.364582	5.691743	.7471842	8.053005	3.628794	1.708396
#1	.0826247	-.059336	.1753745	.0684818	.0237805	91.23755
#2	.0960297	-.055538	.1731083	.0702899	.0251539	88.48053
#3	.0841930	-.053008	.1753617	.0602653	.0254749	91.05573

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.173255	.0096013	.0045336	F 800.2999	.1728316	.1401536
Stddev	.021062	.0001964	.0000660	13.8461	.0018388	.0005773
%RSD	1.795192	2.045378	1.455046	1.730115	1.063949	.4118910
#1	1.188557	.0097898	.0044612	809.9836	.1722098	.1397252
#2	1.149234	.0093979	.0045904	784.4406	.1749008	.1408101
#3	1.181976	.0096164	.0045491	806.4756	.1713844	.1399256

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1605544	199.9301	4.218514	230.3460	.2929522	.0109090
Stddev	.0128877	3.7124	.080021	4.6164	.0013878	.0007186
%RSD	8.026989	1.856834	1.896905	2.004118	.4737412	6.587507
#1	.1510949	202.2428	4.269174	232.6870	.2922694	.0117382
#2	.1553354	195.6480	4.126262	225.0281	.2920380	.0105220
#3	.1752331	201.8995	4.260106	233.3229	.2945491	.0104668

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5815166	.2218498	.5278443	10.83781	4.184266	.0963408
Stddev	.4345503	.0033392	.0180954	.16207	.002818	.0038538
%RSD	74.72708	1.505161	3.428168	1.495404	.0673377	4.000176
#1	.8643262	.2249167	.5177163	11.02483	4.186277	.1002320
#2	.7990657	.2182925	.5487358	10.73856	4.181046	.0925256
#3	.0811577	.2223402	.5170807	10.75002	4.185476	.0962648

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-03 Acquired: 12/20/2024 19:29:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203889	6.001793	9.091521	.0186609	1.253438	1.398207
Stddev	.0009338	.020388	.183730	.0024020	.025826	.026508
%RSD	4.579990	.3397006	2.020899	12.87157	2.060452	1.895854
#1	.0199627	6.007403	9.225099	.0212482	1.271362	1.415156
#2	.0214598	5.979188	8.881993	.0182329	1.223835	1.367659
#3	.0197443	6.018789	9.167473	.0165018	1.265117	1.411805

Elem	Li6707
Units	ppm
Avg	.1716492
Stddev	.0092924
%RSD	5.413604
#1	.1761959
#2	.1609590
#3	.1777928

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.251	23722.89	2562.661	1624.691	1835.621
Stddev	6.732	51.72	62.798	2.466	4.741
%RSD	.3509652	.2180053	2.450497	.1518001	.2582905
#1	1924.743	23675.11	2517.056	1622.754	1839.585
#2	1918.708	23777.81	2634.287	1627.468	1836.910
#3	1911.302	23715.75	2536.639	1623.852	1830.369

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-04 Acquired: 12/20/2024 19:32:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0251648	.0138914	.2077070	.0110794	-.002702	86.76077
Stddev	.0042251	.0043666	.0029213	.0014678	.002911	.69998
%RSD	16.78959	31.43359	1.406460	13.24849	107.7477	.8067908
#1	.0226778	.0134464	.2086784	.0119494	-.001791	86.87291
#2	.0227733	.0184634	.2100188	.0119041	-.005960	86.01150
#3	.0300431	.0097644	.2044237	.0093847	-.000355	87.39791

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8028868	.0133139	.0022916	F 1286.505	.1313314	.0802356
Stddev	.0088106	.0001110	.0002073	3.771	.0003838	.0004524
%RSD	1.097367	.8340428	9.047191	.2931232	.2922203	.5638129
#1	.8062205	.0132465	.0022848	1288.506	.1317685	.0797182
#2	.7928957	.0132531	.0020877	1288.853	.1310499	.0805564
#3	.8095440	.0134421	.0025022	1282.155	.1311757	.0804321

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1050198	84.92306	6.784415	378.6371	.0876772	.0056493
Stddev	.0089800	.54091	.039408	2.3717	.0008817	.0013572
%RSD	8.550768	.6369454	.5808626	.6263711	1.005624	24.02442
#1	.1099050	84.92272	6.802408	378.0775	.0886950	.0045200
#2	.1104983	84.38232	6.739222	376.5953	.0871485	.0052729
#3	.0946563	85.46414	6.811615	381.2386	.0871880	.0071550

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.930968	.0981174	.4080971	4.992844	2.152437	.2681432
Stddev	.177461	.0077584	.0028869	.158607	.006714	.0038288
%RSD	9.190262	7.907241	.7073982	3.176677	.3119429	1.427882
#1	1.890469	.1004594	.4057238	5.169620	2.146462	.2666740
#2	1.777258	.0894579	.4072566	4.863000	2.151145	.2652667
#3	2.125179	.1044350	.4113110	4.945912	2.159703	.2724890

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-04 Acquired: 12/20/2024 19:32:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071096	25.16209	9.573862	.0225282	2.304932	2.495513
Stddev	.0000771	.05497	.059652	.0023899	.013531	.015267
%RSD	1.083955	.2184770	.6230726	10.60855	.5870395	.6117631
#1	.0070437	25.22063	9.576817	.0249351	2.307015	2.497972
#2	.0071944	25.11156	9.512788	.0224939	2.290481	2.479166
#3	.0070907	25.15410	9.631982	.0201556	2.317301	2.509401

Elem	Li6707
Units	ppm
Avg	.1139813
Stddev	.0032335
%RSD	2.836824
#1	.1163087
#2	.1102892
#3	.1153459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1876.096	23205.83	2545.376	1583.226	1730.362
Stddev	3.874	87.47	16.264	7.296	3.817
%RSD	.2064754	.3769148	.6389673	.4608065	.2205914
#1	1878.370	23213.03	2542.590	1580.255	1729.548
#2	1878.296	23114.98	2562.853	1577.884	1734.521
#3	1871.624	23289.47	2530.685	1591.538	1727.018

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-05 Acquired: 12/20/2024 19:36:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0808951	-.074213	.1777450	.0866530	.0353886	72.82175	.8042998
Stddev	.0039183	.001005	.0018100	.0027677	.0010481	.56990	.0064043
%RSD	4.843726	1.354880	1.018303	3.194037	2.961653	.7825981	.7962533
#1	.0843427	-.075170	.1798255	.0885588	.0353934	73.36102	.8109082
#2	.0817088	-.073165	.1768765	.0834783	.0364343	72.22549	.7981214
#3	.0766338	-.074302	.1765329	.0879218	.0343381	72.87873	.8038698

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111927	.0033258	786.7080	.1887916	.1189805	.2139310	237.2166
Stddev	.0002809	.0000801	7.2417	.0014885	.0006582	.0090957	1.7975
%RSD	2.509919	2.409220	.9205032	.7884359	.5532034	4.251700	.7577410
#1	.0115167	.0032451	793.6685	.1897441	.1183029	.2059216	238.8843
#2	.0110179	.0033271	779.2146	.1870764	.1196174	.2120520	235.3127
#3	.0110434	.0034053	787.2410	.1895544	.1190212	.2238195	237.4527

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.123491	134.1862	.2379985	.0143201	1.595872	.1626421	.3811369
Stddev	.040397	.9989	.0009095	.0005729	.324464	.0131353	.0088109
%RSD	.6597071	.7443868	.3821461	4.000584	20.33144	8.076176	2.311728
#1	6.163233	135.0712	.2390468	.0145978	1.479885	.1714420	.3720743
#2	6.082469	133.1031	.2375292	.0147011	1.345342	.1689406	.3896723
#3	6.124772	134.3842	.2374195	.0136613	1.962390	.1475437	.3816640

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.085507	3.592506	.1309188	.0305028	9.510758	10.46079	.0440855
Stddev	.046792	.008347	.0018544	.0005619	.023951	.13925	.0007204
%RSD	.5150170	.2323485	1.416413	1.842246	.2518272	1.331164	1.634131
#1	9.138403	3.599375	.1287787	.0299285	9.538031	10.58374	.0435369
#2	9.068597	3.594928	.1320489	.0305283	9.493149	10.48905	.0449013
#3	9.049521	3.583216	.1319287	.0310516	9.501095	10.30957	.0438182

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-05 Acquired: 12/20/2024 19:36:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.420065	1.410319	.1146262
Stddev	.011703	.011743	.0050160
%RSD	.8241331	.8326599	4.375960
#1	1.428964	1.420100	.1185111
#2	1.406808	1.397295	.1089634
#3	1.424424	1.413562	.1164041

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1948.957	23973.09	2597.033	1650.435	1892.224
Stddev	5.459	239.79	35.119	12.660	5.277
%RSD	.2801063	1.000234	1.352282	.7670721	.2788868
#1	1954.339	23821.87	2561.468	1635.918	1898.015
#2	1943.424	24249.57	2597.943	1659.186	1887.686
#3	1949.107	23847.84	2631.688	1656.200	1890.973

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-06 Acquired: 12/20/2024 19:40:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0966158	-.045367	.5201552	.0504826	.0220699	79.53174
Stddev	.0042578	.000791	.0006663	.0034190	.0014682	.84243
%RSD	4.406987	1.744570	.1280916	6.772647	6.652514	1.059234
#1	.0917381	-.045938	.5208772	.0508466	.0217896	78.56853
#2	.0995888	-.044464	.5195642	.0468961	.0236580	80.13101
#3	.0985205	-.045700	.5200241	.0537050	.0207621	79.89569

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7640419	.0095593	.0044344	F 1056.072	.1838136	.1317827
Stddev	.0072045	.0001441	.0000516	10.190	.0011362	.0002549
%RSD	.9429527	1.507687	1.164607	.9648569	.6181209	.1934003
#1	.7557323	.0096505	.0044676	1044.677	.1832654	.1317270
#2	.7685408	.0096343	.0043749	1064.307	.1830555	.1320609
#3	.7678526	.0093932	.0044608	1059.231	.1851200	.1315604

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2679774	183.6350	5.122385	311.7652	.2853712	.0108494
Stddev	.0023696	2.1799	.052295	3.9303	.0010245	.0008133
%RSD	.8842677	1.187087	1.020909	1.260672	.3589870	7.496054
#1	.2654890	181.1745	5.062678	307.3279	.2865534	.0110638
#2	.2682363	185.3250	5.160053	314.8084	.2847455	.0115340
#3	.2702070	184.4056	5.144424	313.1594	.2848146	.0099504

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.024167	.2372574	.5811496	10.10178	4.396456	.1174247
Stddev	1.055795	.0070180	.0088846	.22704	.002606	.0008637
%RSD	52.15946	2.957967	1.528797	2.247521	.0592821	.7355504
#1	2.682650	.2348742	.5827901	9.86797	4.396101	.1183573
#2	.806386	.2451566	.5715591	10.32138	4.394045	.1172646
#3	2.583464	.2317413	.5890996	10.11599	4.399221	.1166522

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-06 Acquired: 12/20/2024 19:40:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0324998	19.61708	11.05320	.0540749	1.540296	3.112287
Stddev	.0008745	.03243	.14992	.0010953	.014287	.035111
%RSD	2.690618	.1653236	1.356315	2.025594	.9275419	1.128131
#1	.0331204	19.61218	10.90766	.0528180	1.529040	3.072362
#2	.0328794	19.65169	11.20714	.0545811	1.556369	3.138353
#3	.0314997	19.58738	11.04481	.0548255	1.535480	3.126145

Elem	Li6707
Units	ppm
Avg	.1392234
Stddev	.0025186
%RSD	1.809027
#1	.1373074
#2	.1420761
#3	.1382866

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1890.660	23404.87	2564.457	1607.380	1787.580
Stddev	.410	205.06	25.114	8.006	3.966
%RSD	.0217115	.8761357	.9793062	.4980932	.2218591
#1	1890.238	23403.94	2590.963	1604.329	1784.572
#2	1891.058	23610.40	2541.017	1616.464	1786.094
#3	1890.685	23200.29	2561.392	1601.349	1792.075

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-07 Acquired: 12/20/2024 19:44:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081760	-.078601	.3449956	.1003813	.0408389	78.59105
Stddev	.0027582	.002760	.0038496	.0050078	.0012580	.29288
%RSD	2.549739	3.511464	1.115847	4.988813	3.080379	.3726690
#1	.1053876	-.081492	.3446021	.0985340	.0394360	78.77896
#2	.1082376	-.075995	.3413578	.0965596	.0418666	78.25358
#3	.1109029	-.078315	.3490268	.1060504	.0412141	78.74060

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7158343	.0099301	.0063639	265.4040	.4034689	.1228707
Stddev	.0039953	.0000823	.0001270	.9530	.0018669	.0006161
%RSD	.5581293	.8293359	1.994994	.3590654	.4627211	.5013904
#1	.7174559	.0099081	.0064315	266.0727	.4017267	.1230534
#2	.7112831	.0100212	.0064428	264.3128	.4032404	.1221840
#3	.7187638	.0098610	.0062175	265.8265	.4054395	.1233748

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2773412	231.7629	8.634911	71.29583	.2936457	.0157953
Stddev	.0022808	1.0364	.029830	.53541	.0010379	.0011304
%RSD	.8223722	.4471625	.3454561	.7509637	.3534359	7.156507
#1	.2753029	232.3186	8.653901	71.71891	.2930233	.0157677
#2	.2798046	230.5672	8.600530	70.69389	.2930700	.0146790
#3	.2769160	232.4029	8.650303	71.47469	.2948438	.0169392

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4046005	.2819664	.7875562	13.15851	F 11.86495	.1413714
Stddev	.3756798	.0028370	.0147701	.02523	.04185	.0042839
%RSD	92.85203	1.006140	1.875434	.1917443	.3527425	3.030248
#1	.1570727	.2808979	.7795777	13.12942	11.85998	.1381909
#2	.8368815	.2851825	.7784912	13.17170	11.82580	.1396805
#3	.2198474	.2798189	.8045997	13.17441	11.90907	.1462427

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-07 Acquired: 12/20/2024 19:44:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0359707	6.512611	9.702811	.0316875	1.124609	.6987560
Stddev	.0005378	.024453	.056258	.0028801	.010460	.0034389
%RSD	1.495096	.3754676	.5798153	9.089092	.9300950	.4921399
#1	.0353705	6.487891	9.738311	.0283815	1.133421	.7005556
#2	.0364089	6.513155	9.732177	.0330282	1.113050	.6947907
#3	.0361326	6.536788	9.637946	.0336529	1.127357	.7009215

Elem	Li6707
Units	ppm
Avg	.1223883
Stddev	.0040517
%RSD	3.310547
#1	.1268188
#2	.1214745
#3	.1188715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.636	25411.38	2692.664	1758.659	2038.116
Stddev	5.569	176.53	12.997	11.249	7.439
%RSD	.2682880	.6946844	.4826847	.6396145	.3649772
#1	2074.442	25518.96	2677.874	1767.430	2040.352
#2	2081.705	25507.53	2697.857	1762.570	2044.181
#3	2070.761	25207.65	2702.263	1745.977	2029.816

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-08 Acquired: 12/20/2024 19:48:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1693728	-.208952	1.424794	.2419704	.1121870	84.49024
Stddev	.0016116	.005726	.038018	.0066539	.0018789	.71624
%RSD	.9514921	2.740574	2.668298	2.749893	1.674761	.8477228
#1	.1684763	-.202958	1.393073	.2419690	.1143564	84.35434
#2	.1712333	-.214367	1.414373	.2486250	.1111191	85.26470
#3	.1684088	-.209531	1.466935	.2353172	.1110854	83.85169

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.225645	.0169085	.0214578	413.9298	1.303474	.1317638
Stddev	.011113	.0002289	.0010636	3.6036	.009933	.0039525
%RSD	.9067359	1.353997	4.956819	.8705927	.7620113	2.999669
#1	1.224918	.0169290	.0206724	414.7443	1.310549	.1288146
#2	1.237104	.0171265	.0210328	417.0565	1.292119	.1302220
#3	1.214913	.0166700	.0226682	409.9886	1.307753	.1362548

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.086731	519.4000	17.15889	97.51479	.5893329	.0358306
Stddev	.004255	5.0715	.16386	1.25286	.0161482	.0012976
%RSD	.3915734	.9764129	.9549642	1.284791	2.740088	3.621483
#1	1.082526	518.8444	17.16272	97.58652	.5781190	.0367546
#2	1.091035	524.7265	17.32081	98.73024	.5820382	.0363900
#3	1.086634	514.6292	16.99315	96.22760	.6078415	.0343471

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.724396	.3937611	3.667088	16.83541	F 10.10574	.3264872
Stddev	.324998	.0036096	.040224	.16772	.27984	.0049601
%RSD	18.84705	.9166888	1.096884	.9962455	2.769150	1.519227
#1	1.548390	.3976614	3.706234	16.86929	9.89608	.3239293
#2	1.525362	.3930835	3.625867	16.98361	9.99763	.3322041
#3	2.099435	.3905383	3.669164	16.65334	10.42351	.3233283

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-08 Acquired: 12/20/2024 19:48:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0774693	9.410476	10.07459	.1595462	1.790167	.6982135
Stddev	.0023684	.264200	.10808	.0044822	.021883	.0072168
%RSD	3.057190	2.807507	1.072757	2.809366	1.222422	1.033610
#1	.0760822	9.217530	10.05033	.1552027	1.792089	.6986431
#2	.0761217	9.302300	10.19273	.1592807	1.811027	.7052060
#3	.0802040	9.711596	9.98070	.1641554	1.767387	.6907915

Elem	Li6707
Units	ppm
Avg	.1119727
Stddev	.0008684
%RSD	.7755055
#1	.1126622
#2	.1122582
#3	.1109975

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.282	24876.32	2691.390	1706.568	1978.013
Stddev	45.702	279.78	23.906	18.030	49.055
%RSD	2.277933	1.124696	.8882331	1.056492	2.480039
#1	2045.624	24679.44	2685.497	1689.892	2020.291
#2	2017.072	25196.59	2670.982	1725.700	1989.520
#3	1956.151	24752.95	2717.692	1704.112	1924.226

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-09 Acquired: 12/20/2024 19:52:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1064132	-.113526	.4090069	.1411101	.0591369	81.04091	.7430862
Stddev	.0010149	.007563	.0048586	.0173906	.0052860	5.57846	.0514305
%RSD	.9536947	6.662185	1.187903	12.32413	8.938555	6.883514	6.921203
#1	.1059320	-.120519	.4118855	.1557976	.0648428	85.98181	.7891057
#2	.1057286	-.105499	.4033973	.1219072	.0544068	74.99137	.6875687
#3	.1075792	-.114561	.4117379	.1456254	.0581610	82.14957	.7525843

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0115147	.0048827	151.8781	.6940823	.1136165	.1597327	304.8346
Stddev	.0006437	.0003576	10.4658	.0022111	.0003233	.0174901	20.8664
%RSD	5.590032	7.324269	6.890897	.3185689	.2845864	10.94958	6.845146
#1	.0120942	.0045536	161.3422	.6927754	.1137515	.1798236	323.3377
#2	.0108219	.0052632	140.6380	.6928364	.1132475	.1479068	282.2177
#3	.0116279	.0048312	153.6541	.6966353	.1138504	.1514677	308.9484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.49359	60.26602	.2489503	.0211164	.7847066	.3534748	.5753981
Stddev	.85597	4.00780	.0015684	.0052800	.0830936	.0228011	.0085526
%RSD	6.851308	6.650186	.6299989	25.00423	10.58913	6.450567	1.486385
#1	13.24511	63.77847	.2506370	.0265139	.7732867	.3681604	.5711289
#2	11.56186	55.90029	.2475358	.0159623	.7079135	.3272074	.5852449
#3	12.67380	61.11931	.2486782	.0208730	.8729195	.3650565	.5698205

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.750144	5.461857	.1327501	.0314704	4.192726	10.35131	.0303829
Stddev	.952599	.021322	.0116624	.0002340	.005294	.67103	.0036241
%RSD	10.88667	.3903756	8.785208	.7435881	.1262780	6.482540	11.92824
#1	9.665031	5.484689	.1389134	.0316707	4.190485	10.93103	.0343152
#2	7.763852	5.442463	.1192992	.0312132	4.198772	9.61623	.0271770
#3	8.821550	5.458420	.1400376	.0315274	4.188921	10.50666	.0296564

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-09 Acquired: 12/20/2024 19:52:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.456315	-.076069	.1171722
Stddev	.101655	.005259	.0136595
%RSD	6.980258	6.913388	11.65766
#1	1.549333	-.080400	.1295457
#2	1.347803	-.070217	.1025146
#3	1.471809	-.077589	.1194561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.386	24404.27	2584.705	1691.674	2056.872
Stddev	8.929	66.06	161.037	4.710	7.554
%RSD	.4501776	.2706794	6.230395	.2784033	.3672644
#1	1976.613	24479.21	2448.365	1696.261	2051.966
#2	1993.505	24379.09	2762.381	1691.911	2065.571
#3	1980.041	24354.51	2543.369	1686.851	2053.079

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-10 Acquired: 12/20/2024 19:55:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0783813	-.066090	.4224285	.0799618	.0321619	60.51920	.6032639
Stddev	.0049889	.004643	.0015563	.0070699	.0019257	.17843	.0026275
%RSD	6.364923	7.025581	.3684243	8.841626	5.987393	.2948403	.4355423
#1	.0749945	-.062943	.4235836	.0718401	.0325929	60.42683	.6022470
#2	.0841103	-.071422	.4230432	.0833062	.0338355	60.40588	.6012969
#3	.0760390	-.063903	.4206587	.0847389	.0300573	60.72488	.6062479

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081444	.0047811	197.7338	.2641435	.0997263	.1804953	199.0801
Stddev	.0000090	.0000317	.0171	.0014638	.0006123	.0047324	.6650
%RSD	.1107138	.6628211	.0086523	.5541648	.6140127	2.621890	.3340245
#1	.0081547	.0047921	197.7255	.2629122	.0993364	.1825882	198.4727
#2	.0081401	.0048058	197.7224	.2657619	.0994103	.1750773	198.9768
#3	.0081383	.0047453	197.7535	.2637563	.1004320	.1838204	199.7906

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.939366	88.61282	.2235056	.0144008	.6584948	.1984686	.6317389
Stddev	.022652	.41554	.0008046	.0016362	1.157448	.0044142	.0093772
%RSD	.4586107	.4689345	.3599741	11.36222	175.7717	2.224143	1.484339
#1	4.930741	88.41401	.2227815	.0162866	1.545209	.1953657	.6236163
#2	4.922293	88.33403	.2243717	.0135576	-.650881	.1965180	.6295996
#3	4.965064	89.09041	.2233635	.0133581	1.081157	.2035221	.6420009

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.462208	4.049647	.0966238	.0161627	4.174956	9.164636	.0336311
Stddev	.086898	.015722	.0040960	.0003599	.014776	.022672	.0010456
%RSD	1.344715	.3882394	4.239090	2.226814	.3539079	.2473852	3.108970
#1	6.546925	4.032885	.0963978	.0164440	4.158442	9.138998	.0332845
#2	6.373281	4.064066	.0926456	.0157571	4.179501	9.182040	.0328028
#3	6.466419	4.051990	.1008282	.0162869	4.186924	9.172871	.0348060

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-10 Acquired: 12/20/2024 19:55:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.187289	.0953283	.0983849
Stddev	.003446	.0008953	.0020437
%RSD	.2902110	.9391766	2.077203
#1	1.187125	.0949943	.0992744
#2	1.183928	.0946480	.0960472
#3	1.190814	.0963426	.0998331

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1970.766	24253.00	2556.573	1684.602	2043.270
Stddev	3.209	64.95	8.385	10.053	4.839
%RSD	.1628137	.2678206	.3279949	.5967518	.2368484
#1	1972.617	24327.04	2565.937	1695.567	2046.353
#2	1972.620	24205.59	2549.758	1675.819	2045.765
#3	1967.061	24226.39	2554.023	1682.422	2037.692

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-11 Acquired: 12/20/2024 19:59:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1242967	-.133982	.4708794	.1740756	.0704163	99.46637	.7741459
Stddev	.0034656	.005485	.0039338	.0018517	.0033905	1.23765	.0088360
%RSD	2.788190	4.093848	.8354101	1.063731	4.814951	1.244287	1.141390
#1	.1282677	-.139627	.4682475	.1760345	.0739362	99.75588	.7752279
#2	.1227407	-.128673	.4754015	.1723539	.0701407	98.10963	.7648187
#3	.1218819	-.133646	.4689892	.1738385	.0671720	100.5336	.7823911

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139003	.0058700	157.7441	.8452662	.1277047	.1743478	361.5121
Stddev	.0002755	.0000786	2.0894	.0066207	.0009705	.0027347	3.9347
%RSD	1.981654	1.338473	1.324543	.7832729	.7599340	1.568540	1.088400
#1	.0141292	.0059604	157.6759	.8507283	.1284633	.1741760	362.3208
#2	.0135946	.0058319	155.6897	.8471676	.1266111	.1717031	357.2358
#3	.0139770	.0058178	159.8668	.8379028	.1280398	.1771644	364.9796

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.91485	58.37935	.2770963	.0263556	.5966733	.4474110	.6076115
Stddev	.19004	.77606	.0017671	.0010708	.6689704	.0072095	.0032429
%RSD	1.123501	1.329348	.6377050	4.062952	112.1167	1.611371	.5337111
#1	16.94293	58.50789	.2752094	.0274208	1.368006	.4483725	.6071621
#2	16.71234	57.54705	.2773673	.0252793	.247135	.4397691	.6110557
#3	17.08930	59.08313	.2787122	.0263666	.174878	.4540915	.6046168

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.407859	6.052981	.1407979	.0300418	3.959670	10.17677	.0313712
Stddev	.168237	.023588	.0033593	.0003765	.019895	.09557	.0019895
%RSD	1.788255	.3896939	2.385902	1.253094	.5024490	.9391133	6.341939
#1	9.494157	6.043230	.1407737	.0304515	3.950615	10.26471	.0332644
#2	9.213985	6.035832	.1374508	.0299628	3.945914	10.07506	.0292976
#3	9.515435	6.079881	.1441693	.0297111	3.982483	10.19055	.0315514

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-11 Acquired: 12/20/2024 19:59:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.593656	-.089583	.1347921
Stddev	.019110	.001256	.0022420
%RSD	1.199099	1.402497	1.663312
#1	1.596290	-.089744	.1324270
#2	1.573366	-.088254	.1350629
#3	1.611312	-.090752	.1368864

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2062.543	25321.30	2663.851	1755.222	2078.221
Stddev	2.262	74.91	28.521	1.835	4.448
%RSD	.1096792	.2958250	1.070684	.1045360	.2140179
#1	2059.979	25257.95	2649.366	1753.746	2078.101
#2	2064.258	25301.97	2696.709	1754.644	2082.728
#3	2063.392	25403.98	2645.479	1757.277	2073.835

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-12 Acquired: 12/20/2024 20:03:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0958407	-.109547	.3364185	.1268756	.0529428	72.37326	.6080875
Stddev	.0014246	.004399	.0056065	.0018701	.0016686	.49899	.0036469
%RSD	1.486468	4.016052	1.666535	1.474005	3.151688	.6894619	.5997380
#1	.0960735	-.112573	.3322608	.1248191	.0510306	71.86547	.6038904
#2	.0971346	-.104500	.3427948	.1284745	.0541032	72.39137	.6098885
#3	.0943139	-.111568	.3341998	.1273331	.0536947	72.86295	.6104835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108588	.0036681	91.23675	.3561533	.0952848	.1631204	269.2859
Stddev	.0002526	.0002770	.74044	.0022628	.0017363	.0041925	1.3583
%RSD	2.326472	7.552883	.8115535	.6353503	1.822175	2.570157	.5044001
#1	.0105672	.0035602	90.57677	.3573804	.0938778	.1593454	268.3045
#2	.0110116	.0039829	91.09603	.3575375	.0972251	.1623833	268.7171
#3	.0109975	.0034613	92.03744	.3535420	.0947514	.1676325	270.8361

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.291818	35.51333	.1988311	.0197448	.6396222	.2571903	.4794084
Stddev	.039913	.25010	.0045169	.0008193	.2397162	.0060077	.0089895
%RSD	.6343643	.7042566	2.271703	4.149252	37.47778	2.335903	1.875127
#1	6.252078	35.22998	.1961689	.0190148	.5009086	.2515564	.4896642
#2	6.291475	35.60662	.2040463	.0195886	.9164224	.2565020	.4756678
#3	6.331902	35.70337	.1962780	.0206309	.5015357	.2635125	.4728932

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.728343	4.988681	.1182477	.0272932	3.549688	10.26897	.0252373
Stddev	.030124	.084831	.0017538	.0005016	.060719	.03711	.0003294
%RSD	.3897896	1.700467	1.483192	1.837922	1.710537	.3613953	1.305051
#1	7.756323	4.930801	.1173880	.0268400	3.503404	10.22705	.0249548
#2	7.732251	5.086058	.1202655	.0278322	3.618438	10.28227	.0251580
#3	7.696455	4.949183	.1170895	.0272073	3.527222	10.29760	.0255990

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-12 Acquired: 12/20/2024 20:03:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.185939	-.031600	.0986796
Stddev	.006095	.000607	.0003816
%RSD	.5139188	1.922029	.3866668
#1	1.179958	-.032247	.0987353
#2	1.192141	-.031042	.0982733
#3	1.185717	-.031510	.0990303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.813	24416.92	2552.901	1696.866	2092.315
Stddev	37.207	81.36	10.444	11.567	38.370
%RSD	1.880262	.3332220	.4091040	.6816457	1.833833
#1	2005.053	24358.83	2564.823	1690.106	2117.273
#2	1936.232	24382.03	2545.364	1690.271	2048.133
#3	1995.154	24509.91	2548.517	1710.222	2111.538

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-13 Acquired: 12/20/2024 20:07:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1188527	-.136979	.4398295	.1604759	.0662934	87.77082	.7494581
Stddev	.0018555	.002359	.0045467	.0049901	.0006790	.35533	.0036642
%RSD	1.561142	1.722412	1.033739	3.109553	1.024245	.4048427	.4889124
#1	.1187172	-.138425	.4446359	.1642926	.0666087	88.15855	.7536305
#2	.1207722	-.138255	.4355969	.1623059	.0655140	87.46071	.7479798
#3	.1170687	-.134256	.4392557	.1548291	.0667574	87.69322	.7467639

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0133545	.0048116	103.2072	.4468013	.1133747	.1873472	328.1955
Stddev	.0003281	.0001734	.4755	.0176223	.0001027	.0021953	.9560
%RSD	2.456811	3.604683	.4606764	3.944093	.0905928	1.171786	.2912787
#1	.0135270	.0046130	103.7261	.4668839	.1134856	.1898730	329.2583
#2	.0135605	.0049329	102.7924	.4395988	.1133555	.1858984	327.9221
#3	.0129762	.0048891	103.1032	.4339211	.1132829	.1862703	327.4060

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.176334	42.23441	.2522418	.0231569	.5672968	.3080533	.6112677
Stddev	.026936	.16833	.0011544	.0004727	.3627318	.0039722	.0255456
%RSD	.3753491	.3985707	.4576631	2.041227	63.94039	1.289460	4.179118
#1	7.206792	42.41504	.2515082	.0231821	.1670761	.3098402	.6405681
#2	7.166564	42.08192	.2516447	.0226721	.8743739	.3035014	.5936695
#3	7.155646	42.20627	.2535725	.0236165	.6604404	.3108181	.5995654

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.914972	6.382939	.1402496	.0323848	4.692477	10.58909	.0319968
Stddev	.086041	.019518	.0030488	.0006664	.018990	.03289	.0017662
%RSD	.8677885	.3057874	2.173863	2.057860	.4046811	.3106404	5.519779
#1	9.993357	6.393538	.1369947	.0324038	4.695142	10.62417	.0327392
#2	9.822912	6.360414	.1407153	.0317091	4.672296	10.58419	.0299806
#3	9.928646	6.394864	.1430388	.0330415	4.709993	10.55893	.0332706

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-13 Acquired: 12/20/2024 20:07:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.303119	-.043598	.1174363
Stddev	.004491	.000372	.0007469
%RSD	.3446698	.8528067	.6360252
#1	1.306001	-.043526	.1177216
#2	1.297943	-.043267	.1179985
#3	1.305411	-.044000	.1165887

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2036.598	24927.11	2633.615	1727.810	2101.889
Stddev	7.286	776.60	6.314	52.458	4.325
%RSD	.3577717	3.115502	.2397587	3.036078	.2057804
#1	2032.462	24032.87	2639.209	1667.258	2098.641
#2	2045.011	25316.24	2634.867	1756.728	2106.798
#3	2032.320	25432.22	2626.768	1759.445	2100.228

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-14 Acquired: 12/20/2024 20:11:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1329248	-.169062	.4805408	.1901028	.0822300	88.94610	.8325763
Stddev	.0056175	.004186	.0044102	.0009556	.0017942	.07115	.0011856
%RSD	4.226093	2.476179	.9177547	.5026833	2.181955	.0799964	.1424045
#1	.1366863	-.173465	.4764162	.1902187	.0811201	88.86468	.8327905
#2	.1356206	-.165132	.4800166	.1890945	.0843000	88.99636	.8312982
#3	.1264675	-.168588	.4851897	.1909952	.0812700	88.97727	.8336402

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142696	.0052845	110.6064	.4868295	.1153178	.2634264	391.8643
Stddev	.0001142	.0001622	.2210	.0029328	.0006101	.0069864	.8430
%RSD	.8005515	3.069524	.1998400	.6024328	.5290912	2.652128	.2151307
#1	.0141437	.0051925	110.7796	.4894458	.1146380	.2707117	391.8943
#2	.0143665	.0051892	110.3574	.4873834	.1154974	.2567832	391.0067
#3	.0142987	.0054718	110.6821	.4836592	.1158179	.2627843	392.6919

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.465639	44.68537	.2715380	.0287251	.4895909	.3251371	1.011232
Stddev	.006575	.17478	.0039730	.0004386	.5153264	.0074408	.006416
%RSD	.0776622	.3911440	1.463166	1.526730	105.2565	2.288498	.6344433
#1	8.458827	44.50196	.2686621	.0286195	.0278952	.3307688	1.017462
#2	8.466142	44.70412	.2698804	.0292068	.3953402	.3167018	1.004646
#3	8.471947	44.85002	.2760714	.0283490	1.045537	.3279406	1.011588

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.590782	5.877463	.1480109	.0431890	4.706879	10.45976	.0370948
Stddev	.163864	.071534	.0026891	.0005267	.052256	.04173	.0005072
%RSD	1.708552	1.217095	1.816835	1.219559	1.110198	.3989981	1.367316
#1	9.776188	5.815805	.1510456	.0430878	4.660745	10.46091	.0376795
#2	9.530782	5.860692	.1470627	.0437590	4.696266	10.50091	.0367747
#3	9.465375	5.955894	.1459243	.0427202	4.763627	10.41746	.0368300

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-14 Acquired: 12/20/2024 20:11:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.312013	-.160808	.1228787
Stddev	.002647	.000367	.0028154
%RSD	.2017312	.2284188	2.291219
#1	1.308992	-.160867	.1203658
#2	1.313120	-.160415	.1259214
#3	1.313926	-.161142	.1223489

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2006.027	24856.03	2590.215	1723.079	2092.796
Stddev	18.959	67.72	5.270	6.138	22.191
%RSD	.9451223	.2724437	.2034736	.3562167	1.060361
#1	2019.799	24777.84	2596.156	1716.134	2108.268
#2	2013.878	24895.71	2588.388	1727.777	2102.748
#3	1984.403	24894.55	2586.102	1725.325	2067.370

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-15 Acquired: 12/20/2024 20:15:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0983154	-.116483	.9391186	.1370089	.0584171	110.6809	.6985239
Stddev	.0007119	.001754	.0081397	.0057645	.0033972	.7279	.0029703
%RSD	.7241030	1.505597	.8667351	4.207363	5.815382	.6576353	.4252220
#1	.0982506	-.114463	.9465112	.1304415	.0546399	109.9490	.6973443
#2	.0976381	-.117619	.9303957	.1393540	.0612225	110.6890	.6963247
#3	.0990575	-.117366	.9404489	.1412312	.0593888	111.4047	.7019028

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0131202	.0108007	115.2872	.3224334	.1331870	.2229562	284.3563
Stddev	.0001911	.0003175	.7120	.0030739	.0016075	.0008328	1.8426
%RSD	1.456731	2.939742	.6176110	.9533445	1.206917	.3735236	.6479977
#1	.0132739	.0111019	114.5438	.3212224	.1344578	.2221164	282.5091
#2	.0129062	.0104691	115.3548	.3201493	.1313800	.2237818	284.3655
#3	.0131805	.0108310	115.9630	.3259283	.1337231	.2229704	286.1943

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.409678	68.04934	.3059059	.0224346	1.654925	.3112854	2.015200
Stddev	.015932	.34328	.0031749	.0004904	.825696	.0047350	.037965
%RSD	.4672597	.5044558	1.037867	2.185952	49.89325	1.521119	1.883933
#1	3.396522	67.65522	.3072746	.0218805	1.976722	.3058327	1.971610
#2	3.405120	68.28301	.3022762	.0228130	.716782	.3143606	2.032962
#3	3.427392	68.20980	.3081668	.0226102	2.271270	.3136629	2.041028

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.21808	6.383532	.2668900	.0284162	11.06728	10.46280	.0261988
Stddev	.25988	.078233	.0027202	.0006803	.12118	.08916	.0013832
%RSD	1.602432	1.225539	1.019213	2.394037	1.094909	.8521202	5.279730
#1	15.99950	6.421263	.2637584	.0290965	11.10962	10.49246	.0273751
#2	16.14930	6.293584	.2686660	.0277360	10.93061	10.36260	.0246749
#3	16.50543	6.435748	.2682457	.0284162	11.16160	10.53335	.0265465

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-15 Acquired: 12/20/2024 20:15:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.199126	.2339394	.1801645
Stddev	.006630	.0012516	.0017710
%RSD	.5528742	.5349953	.9830083
#1	1.193170	.2326294	.1785765
#2	1.197938	.2340658	.1798426
#3	1.206269	.2351230	.1820744

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.143	25040.19	2572.994	1728.969	2097.730
Stddev	13.841	181.02	5.735	21.618	19.341
%RSD	.6851645	.7229311	.2228871	1.250312	.9219757
#1	2010.242	25236.76	2571.285	1753.773	2084.027
#2	2035.959	25003.47	2579.389	1718.999	2119.853
#3	2014.228	24880.34	2568.308	1714.136	2089.309

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-16 Acquired: 12/20/2024 20:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1386771	-.109932	.4323072	.1275616	.0505354	78.59390	.5436418
Stddev	.0045480	.002175	.0032907	.0064109	.0003540	.51151	.0042134
%RSD	3.279574	1.978223	.7611964	5.025764	.7004561	.6508301	.7750228
#1	.1334640	-.111552	.4296947	.1301893	.0503178	78.01427	.5388225
#2	.1407341	-.110785	.4360030	.1322412	.0503445	78.98204	.5454743
#3	.1418332	-.107461	.4312240	.1202542	.0509438	78.78538	.5466286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105104	.0068338	77.64142	.2330189	.1094020	.1545997	265.4972
Stddev	.0000466	.0000889	.30500	.0087039	.0001502	.0054237	2.0738
%RSD	.4430278	1.300722	.3928270	3.735289	.1373295	3.508257	.7811174
#1	.0104645	.0069175	77.29139	.2283648	.1092673	.1510860	263.1981
#2	.0105576	.0067405	77.78286	.2276315	.1093746	.1608462	267.2267
#3	.0105092	.0068433	77.85003	.2430604	.1095640	.1518667	266.0669

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.695024	43.37746	.2137116	.0209535	.5047766	.2386770	1.879054
Stddev	.023760	.22318	.0012006	.0025693	.1808685	.0033303	.059121
%RSD	.6430390	.5145046	.5617770	12.26190	35.83138	1.395311	3.146321
#1	3.667827	43.16303	.2127837	.0225453	.3732895	.2408953	1.838880
#2	3.711752	43.60846	.2132835	.0223257	.7110433	.2402883	1.851342
#3	3.705494	43.36088	.2150676	.0179894	.4299970	.2348475	1.946941

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.14025	4.281168	.1863900	.0205120	5.227457	9.669826	.0215360
Stddev	.13832	.000812	.0046219	.0004609	.023192	.086165	.0007177
%RSD	1.241659	.0189555	2.479677	2.247046	.4436662	.8910705	3.332514
#1	11.09669	4.281617	.1810800	.0204114	5.201865	9.591549	.0217038
#2	11.29511	4.281655	.1895085	.0201097	5.247084	9.655776	.0221548
#3	11.02895	4.280231	.1885814	.0210149	5.233422	9.762152	.0207492

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-16 Acquired: 12/20/2024 20:18:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.096106	.1234436	.1506142
Stddev	.013164	.0008060	.0055354
%RSD	1.200978	.6529514	3.675195
#1	1.081090	.1225155	.1450575
#2	1.101568	.1239679	.1561280
#3	1.105659	.1238475	.1506571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.435	23441.42	2474.776	1624.269	2115.462
Stddev	3.088	661.88	15.117	47.330	1.729
%RSD	.1588345	2.823564	.6108255	2.913952	.0817499
#1	1946.454	23884.29	2492.227	1656.244	2116.365
#2	1945.971	23759.41	2465.746	1646.666	2116.553
#3	1940.880	22680.55	2466.354	1569.897	2113.468

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-17 Acquired: 12/20/2024 20:22:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3173129	-.917409	6.537132	1.045265	.5007129	47.45368
Stddev	.0077864	.009994	.008663	.000453	.0030443	.13848
%RSD	2.453851	1.089326	.1325265	.0433590	.6080013	.2918180
#1	.3084620	-.916212	6.538542	1.045703	.4996524	47.47293
#2	.3203691	-.927948	6.527850	1.044798	.5041456	47.58152
#3	.3231075	-.908069	6.545004	1.045295	.4983406	47.30658

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7850386	.0403654	.0562618	662.4751	5.893802	.1550127
Stddev	.0035784	.0003676	.0002746	2.8491	.022309	.0004695
%RSD	.4558232	.9107832	.4881435	.4300723	.3785149	.3028495
#1	.7890770	.0407627	.0562486	663.1207	5.919538	.1546222
#2	.7837762	.0402966	.0559940	664.9460	5.879971	.1548822
#3	.7822625	.0400371	.0565428	659.3585	5.881896	.1555335

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4212872	F 2103.761	F 94.18063	103.1537	2.196768	.1829941
Stddev	.0038042	6.696	.23236	.2429	.003351	.0037997
%RSD	.9029896	.3183057	.2467171	.2354291	.1525543	2.076385
#1	.4184041	2101.776	94.17788	102.9121	2.194573	.1812620
#2	.4255989	2111.225	94.41435	103.3978	2.195105	.1873512
#3	.4198587	2098.281	93.94966	103.1513	2.200625	.1803692

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.446345	1.047574	19.05873	2.559875	8.784684	.4542004
Stddev	.649323	.011787	.11439	.062324	.011316	.0067114
%RSD	14.60353	1.125133	.6002212	2.434655	.1288206	1.477627
#1	3.790662	1.043077	18.96818	2.622897	8.792337	.4476039
#2	5.089116	1.060947	19.02071	2.498273	8.771685	.4539762
#3	4.459256	1.038699	19.18729	2.558455	8.790031	.4610210

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-17 Acquired: 12/20/2024 20:22:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1102959	5.786013	8.695505	.2323351	4.697475	F -1.35298
Stddev	.0002819	.011298	.026582	.0015717	.009840	.00399
%RSD	.2556034	.1952691	.3056979	.6764570	.2094795	.2952185
#1	.1099704	5.773876	8.715617	.2339123	4.691345	-1.35075
#2	.1104652	5.796226	8.705529	.2323240	4.708825	-1.35759
#3	.1104519	5.787938	8.665368	.2307691	4.692253	-1.35059

Elem	Li6707
Units	ppm
Avg	.3563186
Stddev	.0026910
%RSD	.7552235
#1	.3586711
#2	.3569003
#3	.3533843

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1709.792	21736.04	2375.312	1446.458	2023.169
Stddev	6.548	71.28	5.964	7.875	5.362
%RSD	.3829706	.3279152	.2510872	.5444632	.2650482
#1	1716.366	21664.78	2370.349	1446.204	2027.088
#2	1709.740	21807.33	2373.658	1454.457	2025.361
#3	1703.270	21736.02	2381.928	1438.712	2017.058

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-18 Acquired: 12/20/2024 20:26:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0741781	-.059986	.1935924	.0787755	.0257502	85.23947	.6782171
Stddev	.0013788	.001140	.0008695	.0031322	.0005936	.46417	.0030573
%RSD	1.858805	1.900193	.4491673	3.976127	2.305367	.5445477	.4507888
#1	.0746922	-.061271	.1935191	.0754115	.0257312	85.48987	.6816727
#2	.0726161	-.059098	.1927618	.0816080	.0251663	84.70387	.6758639
#3	.0752260	-.059588	.1944963	.0793069	.0263531	85.52467	.6771146

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094367	.0038564	144.8485	.3096350	.0990525	.1631993	183.9670
Stddev	.0000345	.0001116	.7491	.0010145	.0004549	.0017177	.8220
%RSD	.3659416	2.893092	.5171954	.3276572	.4592080	1.052536	.4468288
#1	.0094288	.0037284	145.2504	.3108019	.0995056	.1626576	184.6255
#2	.0094067	.0039332	143.9842	.3091413	.0985959	.1651225	183.0457
#3	.0094745	.0039074	145.3110	.3089618	.0990559	.1618176	184.2298

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.925493	59.56792	.2223341	.0129170	.6235726	.2514034	.6011505
Stddev	.016045	.23383	.0012301	.0003510	1.001282	.0052525	.0049772
%RSD	.4087407	.3925509	.5532797	2.717098	160.5718	2.089290	.8279478
#1	3.940147	59.73556	.2218676	.0130984	-.519688	.2461594	.6023148
#2	3.908348	59.30079	.2214054	.0125125	1.045934	.2513865	.6054423
#3	3.927982	59.66740	.2237292	.0131402	1.344472	.2566644	.5956943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.005973	4.908766	.0886009	.0173595	3.310218	10.12831	.0130416
Stddev	.135782	.006748	.0021434	.0003684	.006105	.15974	.0016931
%RSD	1.507686	.1374746	2.419224	2.122486	.1844218	1.577132	12.98222
#1	9.144588	4.901924	.0861938	.0171944	3.317016	10.29310	.0137980
#2	8.873214	4.915416	.0893055	.0171025	3.308436	9.97416	.0142246
#3	9.000118	4.908959	.0903033	.0177816	3.305203	10.11765	.0111022

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-18 Acquired: 12/20/2024 20:26:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9748665	.5412607	.1347103
Stddev	.0011055	.0019432	.0033953
%RSD	.1133972	.3590219	2.520463
#1	.9760844	.5430491	.1386281
#2	.9739266	.5391928	.1326238
#3	.9745884	.5415401	.1328789

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.820	24650.53	2596.394	1708.535	2057.505
Stddev	3.030	35.25	20.472	3.924	2.613
%RSD	.1508863	.1430060	.7884890	.2296792	.1270132
#1	2006.769	24678.89	2582.128	1712.946	2057.402
#2	2011.235	24611.06	2619.851	1707.228	2060.169
#3	2005.456	24661.64	2587.203	1705.432	2054.945

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV082 Acquired: 12/20/2024 20:30:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.787581	4.759265	24.16313	4.768126	4.803623	402.7495	10.06096
Stddev	.007576	.006880	.03522	.009956	.005889	.7922	.00506
%RSD	.1582452	.1445513	.1457720	.2087992	.1226003	.1966857	.0502708
#1	4.794007	4.765593	24.13250	4.757818	4.797122	402.3210	10.06463
#2	4.789509	4.751942	24.15528	4.777688	4.808601	402.2640	10.05519
#3	4.779227	4.760261	24.20162	4.768871	4.805147	403.6636	10.06305

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5071467	2.428325	402.8537	15.29018	2.445195	15.04218	409.0547
Stddev	.0014574	.004233	1.3291	.05344	.004364	.02829	1.1712
%RSD	.2873778	.1743163	.3299202	.3495170	.1784542	.1880427	.2863173
#1	.5054645	2.427281	403.1121	15.28502	2.442066	15.04225	408.8346
#2	.5080297	2.424712	401.4144	15.23951	2.443339	15.01386	408.0091
#3	.5079459	2.432983	404.0347	15.34602	2.450180	15.07043	410.3203

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.98870	404.6338	2.459195	1.283183	406.2870	2.502132	14.12957
Stddev	.02518	1.0522	.004839	.007370	1.2040	.000440	.09094
%RSD	.1680066	.2600478	.1967627	.5743276	.2963403	.0175883	.6435878
#1	14.96383	403.8784	2.456909	1.278909	406.5297	2.501737	14.15896
#2	14.98810	404.1875	2.455921	1.278947	404.9801	2.502606	14.02757
#3	15.01418	405.8357	2.464753	1.291693	407.3511	2.502054	14.20217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.3892	4.850791	4.926079	4.742393	4.835763	4.925004	4.858787
Stddev	.2417	.016072	.019371	.007311	.022157	.007161	.007440
%RSD	.1596415	.3313335	.3932308	.1541576	.4581995	.1454004	.1531158
#1	151.5103	4.857716	4.907478	4.735957	4.820491	4.919853	4.854002
#2	151.1109	4.832417	4.946137	4.740880	4.825622	4.921978	4.855001
#3	151.5464	4.862239	4.924622	4.750342	4.861176	4.933181	4.867358

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV082 Acquired: 12/20/2024 20:30:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV082 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.004812	4.772535	5.107992
Stddev	.003458	.009161	.006055
%RSD	.0690936	.1919572	.1185327
#1	5.002677	4.763793	5.111363
#2	5.002958	4.771746	5.101002
#3	5.008802	4.782064	5.111611

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1518.207	20161.24	2208.054	1278.512	1748.285
Stddev	.895	96.56	5.098	6.936	3.507
%RSD	.0589287	.4789505	.2308805	.5424943	.2006098
#1	1518.778	20176.79	2213.155	1276.700	1747.726
#2	1518.668	20249.09	2208.048	1286.174	1752.038
#3	1517.176	20057.85	2202.959	1272.661	1745.090

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB082 Acquired: 12/20/2024 20:33:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000500	.0011054	.0045187	-.001214	-.001996	.0282860	-.000711
Stddev	.001235	.0010011	.0004168	.001357	.001317	.0194448	.000869
%RSD	247.0362	90.55967	9.223630	111.7455	66.01686	68.74353	122.2306
#1	.000816	.0019823	.0043603	.000091	-.000838	.0324474	-.000585
#2	-.001633	.0013194	.0049915	-.002617	-.003429	.0453131	.000088
#3	-.000683	.0000147	.0042044	-.001117	-.001719	.0070974	-.001635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000180	.0002982	.0382883	.0003763	-.000011	.0028268	.0143311
Stddev	.0001137	.0000665	.0255772	.0003004	.000237	.0045831	.0473547
%RSD	631.2398	22.28671	66.80163	79.82536	2125.969	162.1330	330.4320
#1	.0001445	.0002393	.0206294	.0007231	.000002	.0064592	.0613155
#2	-.000076	.0003702	.0676194	.0001956	.000219	.0043436	-.033385
#3	-.000015	.0002849	.0266161	.0002103	-.000254	-.002322	.015063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000022	.0894161	.0006118	.0005903	-.407524	.0006971	-.001300
Stddev	.001952	.0720033	.0006465	.0014267	.551806	.0063247	.005828
%RSD	9064.342	80.52604	105.6780	241.6896	135.4044	907.2392	448.4423
#1	.000134	.1525232	.0010643	.0010357	-.982871	-.001420	-.000297
#2	.001849	.1047411	-.000129	-.001006	.117259	-.004298	-.007564
#3	-.002047	.0109841	.000900	.001741	-.356961	.007809	.003963

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.195977	-.003080	.0152585	.0000143	-.005968	-.000701	-.011993
Stddev	.321631	.002226	.0036571	.0007874	.001835	.000149	.000694
%RSD	164.1170	72.28524	23.96779	5505.332	30.74537	21.31427	5.786178
#1	.082764	-.002170	.0194794	.0006371	-.004215	-.000590	-.011588
#2	-.547890	-.005617	.0132624	.0002765	-.007875	-.000870	-.012794
#3	-.122804	-.001452	.0130339	-.000871	-.005814	-.000642	-.011597

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB082 Acquired: 12/20/2024 20:33:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB082 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0017696	.0002383	.0179955
Stddev	.0012616	.0000714	.0030074
%RSD	71.29190	29.97442	16.71170
#1	.0020256	.0001642	.0194888
#2	.0003997	.0002439	.0145337
#3	.0028835	.0003067	.0199639

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1831.436	22668.44	2308.574	1561.629	2162.137
Stddev	3.840	126.48	16.473	10.617	6.108
%RSD	.2096930	.5579603	.7135608	.6798360	.2824853
#1	1828.986	22774.10	2290.044	1567.944	2161.824
#2	1835.862	22702.92	2314.116	1567.570	2168.396
#3	1829.459	22528.29	2321.561	1549.372	2156.192

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-19 Acquired: 12/20/2024 20:37:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2005393	-.444026	3.431482	.5089567	.2392255	76.41443
Stddev	.0013901	.000524	.029421	.0058560	.0015624	.27936
%RSD	.6931639	.1180618	.8573971	1.150582	.6531069	.3655818
#1	.1994285	-.443518	3.399777	.5126290	.2376421	76.62243
#2	.2000914	-.443995	3.457904	.5120376	.2407660	76.52396
#3	.2020981	-.444565	3.436765	.5022034	.2392683	76.09691

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.046111	.0264670	.0362043	665.7509	3.126197	.1348545
Stddev	.002406	.0004134	.0003540	1.6490	.019705	.0013617
%RSD	.2300079	1.561875	.9776676	.2476853	.6303049	1.009730
#1	1.046758	.0261413	.0357966	667.5492	3.113690	.1332844
#2	1.048127	.0269320	.0363835	665.3934	3.148911	.1355672
#3	1.043447	.0263275	.0364329	664.3100	3.115990	.1357119

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4152778	F 1055.166	F 39.15704	106.9835	1.385178	.0819907
Stddev	.0037164	4.737	.18636	.4244	.012841	.0014842
%RSD	.8949200	.4488924	.4759247	.3967113	.9270552	1.810237
#1	.4112382	1059.385	39.32169	107.3385	1.370715	.0836780
#2	.4160435	1056.069	39.19471	107.0985	1.395238	.0814075
#3	.4185518	1050.043	38.95472	106.5134	1.389582	.0808867

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.692603	.5885118	12.57514	10.94923	6.582133	.4045630
Stddev	.810935	.0033978	.02077	.00132	.054565	.0092793
%RSD	21.96106	.5773536	.1652053	.0120998	.8289893	2.293652
#1	4.022485	.5915148	12.55174	10.94960	6.527341	.4047221
#2	4.286607	.5891971	12.58225	10.94776	6.636468	.3952052
#3	2.768716	.5848236	12.59142	10.95034	6.582591	.4137617

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-19 Acquired: 12/20/2024 20:37:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28T3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670305	10.78031	8.790307	.1509966	2.723864	.4841068
Stddev	.0012995	.07947	.109321	.0005687	.003450	.0021287
%RSD	1.938600	.7371660	1.243653	.3766190	.1266594	.4397182
#1	.0656300	10.69177	8.823873	.1508994	2.725830	.4848058
#2	.0681972	10.84546	8.878910	.1504828	2.725883	.4857981
#3	.0672642	10.80369	8.668139	.1516077	2.719881	.4817165

Elem	Li6707
Units	ppm
Avg	.1196534
Stddev	.0010787
%RSD	.9015430
#1	.1205783
#2	.1184684
#3	.1199135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.300	22888.70	2491.957	1551.133	1970.229
Stddev	13.652	111.08	15.145	6.020	15.998
%RSD	.7458663	.4853064	.6077537	.3880978	.8119842
#1	1843.678	23016.81	2485.293	1558.080	1985.836
#2	1816.390	22830.18	2481.286	1547.870	1953.867
#3	1830.833	22819.12	2509.291	1547.450	1970.985

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-20 Acquired: 12/20/2024 20:41:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030405	-.115609	.3604075	.1471539	.0610531	80.47697	.6695823
Stddev	.0048912	.003027	.0009448	.0040308	.0004781	.42417	.0023188
%RSD	4.746868	2.618187	.2621576	2.739194	.7831755	.5270735	.3463012
#1	.1066480	-.113786	.3593618	.1469052	.0605028	80.12625	.6684658
#2	.1050001	-.119103	.3606608	.1513033	.0612900	80.94842	.6722481
#3	.0974733	-.113939	.3611999	.1432531	.0613666	80.35624	.6680331

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118792	.0040957	122.0843	.4803239	.1112099	.1651377	306.5612
Stddev	.0001719	.0001002	.6670	.0026017	.0004141	.0061503	1.5108
%RSD	1.447254	2.445793	.5463660	.5416593	.3723744	3.724356	.4928131
#1	.0120242	.0039801	121.6173	.4791682	.1108544	.1631726	304.9063
#2	.0116893	.0041554	122.8483	.4785002	.1111107	.1602101	307.8667
#3	.0119242	.0041518	121.7874	.4833032	.1116646	.1720304	306.9106

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.199770	39.12000	.2334670	.0198135	.7222322	.3042801	.5696304
Stddev	.013592	.15051	.0014429	.0007186	.6922205	.0070384	.0068484
%RSD	.1477439	.3847502	.6180170	3.626861	95.84460	2.313123	1.202247
#1	9.184797	38.95084	.2320896	.0197940	.3477749	.3039405	.5772475
#2	9.211330	39.23913	.2349674	.0205416	.2979009	.3114820	.5676616
#3	9.203184	39.17002	.2333440	.0191048	1.521021	.2974176	.5639821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.003098	4.979242	.1291524	.0308603	3.488053	10.53718	.0262805
Stddev	.042648	.023680	.0035647	.0009409	.015286	.03879	.0009662
%RSD	.4737084	.4755690	2.760094	3.049001	.4382259	.3680808	3.676383
#1	8.955892	4.952197	.1265065	.0297738	3.471427	10.57779	.0272504
#2	9.014555	4.996250	.1332061	.0314028	3.501497	10.50052	.0253181
#3	9.038848	4.989279	.1277447	.0314043	3.491235	10.53322	.0262730

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-20 Acquired: 12/20/2024 20:41:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.313091	-.053520	.1097672
Stddev	.006632	.000596	.0053704
%RSD	.5050561	1.113005	4.892514
#1	1.316914	-.052970	.1127901
#2	1.316925	-.054153	.1129449
#3	1.305433	-.053436	.1035667

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.940	24792.63	2596.956	1713.580	2094.981
Stddev	4.053	59.73	4.541	4.813	5.512
%RSD	.2018356	.2409273	.1748467	.2808826	.2630971
#1	2008.402	24847.25	2595.895	1716.209	2098.108
#2	2003.676	24801.80	2593.039	1708.025	2088.617
#3	2011.742	24728.85	2601.933	1716.507	2098.218

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-13LX5 Acquired: 12/20/2024 20:45:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0237060	-.023548	.0756269	.0302590	.0070925	17.57575	.1467708
Stddev	.0009349	.000794	.0026094	.0027974	.0020764	.12174	.0014833
%RSD	3.943735	3.372174	3.450329	9.244862	29.27567	.6926838	1.010608
#1	.0238737	-.022694	.0762614	.0274154	.0048081	17.53253	.1471396
#2	.0226985	-.024264	.0778606	.0303538	.0076041	17.48151	.1451379
#3	.0245456	-.023687	.0727588	.0330078	.0088652	17.71321	.1480349

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026318	.0009450	27.05968	.1052861	.0308144	.0348732	68.04789
Stddev	.0001003	.0000512	.18641	.0003606	.0001613	.0008601	.37734
%RSD	3.809556	5.415982	.6888775	.3425334	.5234280	2.466489	.5545170
#1	.0027430	.0009077	27.01882	.1048939	.0307727	.0355032	67.95706
#2	.0026039	.0010033	26.89709	.1056033	.0309924	.0352232	67.72426
#3	.0025484	.0009239	27.26313	.1053611	.0306780	.0338933	68.46236

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.050583	8.673621	.0458056	.0048090	.1293654	.0621741	.1335496
Stddev	.013790	.066022	.0004362	.0012126	.2446726	.0055031	.0129918
%RSD	.6724745	.7611814	.9523392	25.21527	189.1330	8.851116	9.728071
#1	2.045579	8.613960	.0453195	.0062086	-.021643	.0611838	.1425305
#2	2.039994	8.662351	.0459344	.0040726	.411659	.0681050	.1186527
#3	2.066176	8.744553	.0461630	.0041458	-.001920	.0572333	.1394656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.642588	1.012715	.0266877	.0065870	.7066082	2.392569	-.004608
Stddev	.069828	.002628	.0021824	.0001881	.0020311	.030552	.000396
%RSD	4.251086	.2595424	8.177477	2.855459	.2874368	1.276943	8.605047
#1	1.568633	1.009714	.0249247	.0067516	.7086364	2.419056	-.004573
#2	1.651747	1.014612	.0291286	.0066273	.7045743	2.359145	-.004230
#3	1.707384	1.013818	.0260099	.0063820	.7066138	2.399505	-.005020

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-13LX5 Acquired: 12/20/2024 20:45:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2895757	-.012482	.0282135
Stddev	.0006534	.000474	.0036547
%RSD	.2256401	3.797852	12.95385
#1	.2903266	-.012432	.0282367
#2	.2892641	-.012979	.0318565
#3	.2891364	-.012035	.0245472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1891.568	23324.75	2400.799	1616.878	2152.119
Stddev	7.918	93.74	19.755	10.750	9.816
%RSD	.4186126	.4018823	.8228584	.6648840	.4561315
#1	1892.988	23430.08	2394.512	1628.494	2156.574
#2	1883.036	23293.71	2422.932	1614.862	2140.865
#3	1898.680	23250.48	2384.952	1607.279	2158.918

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-21 Acquired: 12/20/2024 20:49:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1917238	-.033174	.3961364	.3007834	.2169515	83.16300	4.376580
Stddev	.0032628	.002013	.0009369	.0042718	.0025098	.29580	.013073
%RSD	1.701816	6.068190	.2365020	1.420234	1.156842	.3556928	.2986936
#1	.1889609	-.033262	.3971658	.2983579	.2176618	83.42514	4.389489
#2	.1953235	-.031119	.3959095	.3057159	.2141631	83.22157	4.376903
#3	.1908871	-.035142	.3953337	.2982765	.2190295	82.84229	4.363350

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1032669	.1002184	121.1267	.8732121	1.079353	.6066655	305.8140
Stddev	.0004522	.0000760	.4439	.0024848	.002351	.0119594	.7580
%RSD	.4378921	.0757874	.3664415	.2845632	.2178292	1.971336	.2478719
#1	.1035587	.1002370	121.5660	.8734090	1.080909	.5937710	306.6282
#2	.1034960	.1002832	121.1356	.8755927	1.076649	.6088317	305.6854
#3	.1027460	.1001348	120.6784	.8706347	1.080503	.6173937	305.1286

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.06085	38.67287	1.226393	.0883544	.4511409	1.253074	1.335375
Stddev	.03350	.22907	.003095	.0014430	.2151622	.008550	.011096
%RSD	.3329906	.5923347	.2523259	1.633186	47.69290	.6823514	.8309325
#1	10.09923	38.93734	1.229631	.0878720	.3899307	1.261357	1.337721
#2	10.04583	38.53666	1.223465	.0899768	.2732160	1.253585	1.323294
#3	10.03749	38.54461	1.226084	.0872145	.6902760	1.244279	1.345111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.012810	4.919674	.1214543	.0298049	3.429934	10.53105	.0258845
Stddev	.035122	.006784	.0035405	.0001739	.001767	.06863	.0008008
%RSD	.3896910	.1378982	2.915082	.5833264	.0515191	.6516957	3.093578
#1	9.035790	4.922943	.1248456	.0296131	3.429798	10.58494	.0267190
#2	9.030260	4.911874	.1217359	.0299522	3.428239	10.55444	.0251223
#3	8.972380	4.924205	.1177815	.0298493	3.431765	10.45379	.0258123

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5233-21 Acquired: 12/20/2024 20:49:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28S7S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.308452	-.054974	.1080877
Stddev	.010796	.000648	.0042840
%RSD	.8251161	1.179132	3.963443
#1	1.320625	-.054230	.1124148
#2	1.300036	-.055417	.1080002
#3	1.304696	-.055274	.1038482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2005.832	24667.40	2589.531	1712.506	2096.393
Stddev	8.524	44.50	19.494	4.157	8.466
%RSD	.4249525	.1804059	.7528147	.2427495	.4038191
#1	1996.306	24625.36	2570.845	1708.209	2086.844
#2	2008.452	24662.84	2588.004	1712.802	2099.359
#3	2012.738	24714.01	2609.744	1716.507	2102.977

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165605BL Acquired: 12/20/2024 20:53:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040720	.0005061	-.000188	.0008773	-.002024	-.013944
Stddev	.0007295	.0012692	.002339	.0020216	.000847	.015717
%RSD	17.91379	250.7626	1245.671	230.4223	41.82916	112.7120
#1	.0035426	.0019618	-.002812	.0016671	-.002887	-.022046
#2	.0049041	-.000074	.001678	.0023848	-.001194	-.023957
#3	.0037694	-.000369	.000570	-.001420	-.001991	.004170

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001297	.0000790	.0000654	-.012325	-.000212	-.000023
Stddev	.001210	.0001242	.0000803	.015934	.000425	.000317
%RSD	93.27877	157.1217	122.8165	129.2804	200.8903	1376.639
#1	-.002522	.0000609	.0000933	-.027598	-.000413	-.000218
#2	-.000103	.0002113	-.000025	-.013576	-.000499	-.000194
#3	-.001265	-.000035	.000128	.004197	.000277	.000343

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002312	.0233911	-.000647	-.002997	.0005571	-.000009
Stddev	.005194	.0159261	.000949	.062110	.0003768	.000193
%RSD	224.6278	68.08626	146.8076	2072.419	67.62400	2258.431
#1	-.003171	.0055954	-.000142	.049829	.0009054	-.000093
#2	-.007023	.0363048	-.000057	-.071419	.0006088	-.000145
#3	.003258	.0282730	-.001741	.012600	.0001572	.000212

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.385776	-.003909	-.001578	-.305745	-.005071	-.001013
Stddev	.969677	.014329	.003175	.065187	.002808	.002365
%RSD	251.3576	366.5360	201.1434	21.32079	55.38497	233.4934
#1	.384192	-.019480	-.004606	-.270829	-.002211	-.001821
#2	-1.47477	-.000972	.001726	-.265453	-.007825	.001650
#3	-.06675	.008723	-.001855	-.380953	-.005176	-.002868

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165605BL Acquired: 12/20/2024 20:53:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS605 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002017	-.002673	-.000571	F -.013091	.0010863	-.000242
Stddev	.0004870	.001426	.000695	.001450	.0014247	.000181
%RSD	241.4790	53.34183	121.7499	11.07680	131.1513	74.71838
#1	-.000076	-.001046	.000034	-.013645	.0023318	-.000103
#2	-.000083	-.003264	-.001331	-.014183	.0013943	-.000447
#3	.000764	-.003707	-.000417	-.011446	-.000467	-.000177

Elem	Li6707
Units	ppm
Avg	-.000227
Stddev	.005091
%RSD	2245.358
#1	.004313
#2	-.005732
#3	.000739

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.787	22825.10	2348.983	1571.176	2169.617
Stddev	23.552	182.37	16.775	15.336	24.255
%RSD	1.273896	.7989738	.7141529	.9760570	1.117961
#1	1821.694	23016.77	2350.367	1583.683	2141.615
#2	1860.295	22653.74	2365.024	1554.066	2183.131
#3	1864.371	22804.80	2331.559	1575.779	2184.106

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165605BS Acquired: 12/20/2024 20:57:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS605 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0227316	.0523258	.0190673	.0606704	.1033338	.4178619
Stddev	.0025709	.0031068	.0015907	.0032126	.0043495	.0111010
%RSD	11.30967	5.937403	8.342672	5.295155	4.209174	2.656632
#1	.0256811	.0488487	.0206111	.0620649	.0984077	.4166138
#2	.0215479	.0548288	.0174335	.0629501	.1066443	.4074377
#3	.0209659	.0533000	.0191571	.0569962	.1049494	.4295343

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4180015	.0108465	.0100487	10.27448	.0213204	.1022504
Stddev	.0013828	.0000353	.0000932	.04335	.0003358	.0004965
%RSD	.3308065	.3259288	.9279169	.4219040	1.574846	.4855650
#1	.4172615	.0108297	.0099412	10.23033	.0211677	.1017328
#2	.4195968	.0108227	.0101074	10.31698	.0217054	.1027227
#3	.4171462	.0108871	.0100976	10.27615	.0210881	.1022956

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559512	.1859048	.0325999	10.58342	.0803838	.0205042
Stddev	.0075915	.0340186	.0005920	.11603	.0006384	.0011752
%RSD	13.56800	18.29892	1.816087	1.096338	.7941703	5.731564
#1	.0523750	.2199773	.0332818	10.45056	.0804159	.0203838
#2	.0508083	.1857967	.0323008	10.66483	.0797299	.0217349
#3	.0646703	.1519404	.0322170	10.63486	.0810055	.0193938

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26144	.1046276	.1184108	9.507846	.0142183	F -.002914
Stddev	.61194	.0053713	.0084720	.215870	.0026212	.001920
%RSD	5.963447	5.133771	7.154735	2.270438	18.43558	65.89793
#1	9.56518	.1091107	.1266372	9.522296	.0129192	-.000749
#2	10.71388	.0986742	.1097129	9.285114	.0172353	-.003581
#3	10.50525	.1060979	.1188822	9.716127	.0125003	-.004411

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165605BS Acquired: 12/20/2024 20:57:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS605 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0190823	.1779442	F .4982877	F .0000732	.2072371	.2139839
Stddev	.0006305	.0070723	.0032093	.0001829	.0038742	.0005713
%RSD	3.304144	3.974439	.6440623	249.7449	1.869461	.2669840
#1	.0189639	.1708495	.5004967	.0002525	.2030957	.2134643
#2	.0185193	.1849939	.4997601	.0000804	.2107728	.2138918
#3	.0197635	.1779893	.4946065	-.000113	.2078427	.2145957

Elem	Li6707
Units	ppm
Avg	.0353267
Stddev	.0010434
%RSD	2.953535
#1	.0349145
#2	.0365132
#3	.0345523

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.628	22314.05	2322.997	1549.128	2164.637
Stddev	5.069	624.17	4.227	40.674	8.915
%RSD	.2738806	2.797227	.1819667	2.625584	.4118619
#1	1853.176	22709.48	2319.509	1566.589	2170.034
#2	1844.791	21594.49	2321.785	1502.639	2154.346
#3	1853.916	22638.17	2327.698	1578.156	2169.530

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-01 Acquired: 12/20/2024 21:01:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1030348	-.060015	1.020331	.0765731	.0274420	90.78031
Stddev	.0057594	.003320	.004019	.0009577	.0005068	.82349
%RSD	5.589767	5.531497	.3938744	1.250742	1.846663	.9071229
#1	.0968019	-.056446	1.019636	.0765134	.0269176	90.15244
#2	.1081597	-.060588	1.016705	.0756467	.0274792	90.47580
#3	.1041428	-.063011	1.024652	.0775593	.0279291	91.71268

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.222009	.0090048	.0117886	63.84150	.1646998	.1132331
Stddev	.009163	.0000387	.0001818	.58597	.0007737	.0006869
%RSD	.7498400	.4296122	1.542125	.9178517	.4697429	.6066605
#1	1.215076	.0090495	.0117827	63.53391	.1646525	.1126470
#2	1.218552	.0089815	.0116098	63.47338	.1654960	.1130633
#3	1.232397	.0089834	.0119732	64.51722	.1639509	.1139890

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2458077	162.9729	5.623143	30.33374	.2511244	.0139639
Stddev	.0046888	1.4877	.046564	.21803	.0015154	.0008700
%RSD	1.907517	.9128320	.8280832	.7187619	.6034582	6.230586
#1	.2430834	162.2872	5.597207	30.16952	.2510106	.0134938
#2	.2431178	161.9518	5.595321	30.25060	.2496691	.0134301
#3	.2512218	164.6798	5.676900	30.58111	.2526936	.0149678

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049088	.1706662	1.824911	12.12551	F 17.05049	.1113723
Stddev	.1104092	.0086446	.010233	.17899	.09154	.0013550
%RSD	105.2430	5.065223	.5607227	1.476109	.5368843	1.216639
#1	.1856215	.1755351	1.826886	12.05231	17.01938	.1102392
#2	.1500176	.1606852	1.834013	11.99473	16.97855	.1110044
#3	-.020913	.1757783	1.813835	12.32950	17.15353	.1128732

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-01 Acquired: 12/20/2024 21:01:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035918	4.578077	8.625171	.0864828	1.017798	.0408226
Stddev	.0002307	.025418	.122814	.0004444	.011302	.0004846
%RSD	6.423810	.5552013	1.423900	.5138849	1.110468	1.187028
#1	.0035736	4.558011	8.593528	.0860901	1.008390	.0402632
#2	.0033708	4.569560	8.521275	.0863932	1.014669	.0411145
#3	.0038311	4.606659	8.760710	.0869652	1.030335	.0410900

Elem	Li6707
Units	ppm
Avg	.1269326
Stddev	.0012744
%RSD	1.004001
#1	.1258649
#2	.1265894
#3	.1283434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2676.711	33038.80	3439.642	2284.340	2034.115
Stddev	3.503	139.78	40.604	8.219	8.174
%RSD	.1308634	.4230790	1.180481	.3597854	.4018661
#1	2678.309	32958.63	3438.482	2275.284	2036.117
#2	2679.130	32957.57	3480.814	2286.410	2041.102
#3	2672.694	33200.21	3399.630	2291.326	2025.125

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-02 Acquired: 12/20/2024 21:05:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0899185	-.072370	.3863045	.0859019	.0322260	112.7948
Stddev	.0024691	.002341	.0077782	.0019442	.0019704	.4691
%RSD	2.745874	3.234564	2.013484	2.263277	6.114348	.4159304
#1	.0874167	-.072215	.3791079	.0862450	.0308004	112.2531
#2	.0899853	-.070110	.3945565	.0838089	.0314031	113.0720
#3	.0923534	-.074784	.3852491	.0876516	.0344745	113.0593

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.029255	.0099395	.0087580	55.44914	.2130340	.1285739
Stddev	.002271	.0000505	.0001510	.17313	.0022774	.0015946
%RSD	.2206674	.5078407	1.724385	.3122284	1.069042	1.240211
#1	1.026930	.0099474	.0085895	55.25622	.2156425	.1267487
#2	1.031469	.0099856	.0088811	55.59097	.2120185	.1296964
#3	1.029367	.0098856	.0088033	55.50024	.2114410	.1292767

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1533566	183.5101	4.188263	39.00020	.3034966	.0136821
Stddev	.0009405	.7840	.014765	.17269	.0052336	.0007274
%RSD	.6132779	.4272396	.3525277	.4428030	1.724437	5.316435
#1	.1541662	182.6151	4.171495	38.80288	.2978656	.0133854
#2	.1523249	183.8395	4.199313	39.12380	.3082120	.0131498
#3	.1535786	184.0757	4.193983	39.07392	.3044122	.0145109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4592350	.1742295	2.069793	10.60250	F 13.27652	.0912658
Stddev	.0521474	.0037044	.019525	.10720	.19592	.0008884
%RSD	11.35526	2.126142	.9433532	1.011115	1.475720	.9734058
#1	.4068060	.1718957	2.088782	10.48270	13.06175	.0903488
#2	.5110960	.1785008	2.070824	10.63539	13.44548	.0913261
#3	.4598031	.1722919	2.049772	10.68941	13.32233	.0921225

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-02 Acquired: 12/20/2024 21:05:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024488	3.459511	8.079114	.0184438	.9448574	-.015693
Stddev	.0004569	.049823	.050441	.0007546	.0068208	.000274
%RSD	18.65719	1.440175	.6243411	4.091184	.7218920	1.743920
#1	.0029763	3.403950	8.038973	.0190930	.9405856	-.015378
#2	.0021906	3.500217	8.062635	.0186225	.9527237	-.015830
#3	.0021795	3.474365	8.135734	.0176159	.9412630	-.015871

Elem	Li6707
Units	ppm
Avg	.1542896
Stddev	.0028979
%RSD	1.878220
#1	.1561880
#2	.1557268
#3	.1509540

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2831.518	34378.30	3640.804	2391.312	2035.008
Stddev	12.465	359.36	18.832	27.588	23.345
%RSD	.4402107	1.045314	.5172540	1.153668	1.147154
#1	2839.406	33963.58	3658.650	2359.465	2058.777
#2	2817.148	34597.83	3642.643	2406.574	2012.113
#3	2838.000	34573.49	3621.120	2407.896	2034.132

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-03 Acquired: 12/20/2024 21:09:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0830516	-.057288	.3091808	.0879840	.0303222	89.90051	1.186804
Stddev	.0031185	.003068	.0038687	.0026638	.0012775	2.81590	.036599
%RSD	3.754917	5.355841	1.251261	3.027564	4.212979	3.132239	3.083854
#1	.0811457	-.060830	.3109092	.0856009	.0308623	88.12826	1.164525
#2	.0866504	-.055476	.3118840	.0908597	.0288634	93.14749	1.229045
#3	.0813586	-.055556	.3047493	.0874915	.0312409	88.42578	1.166844

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076729	.0112615	89.39513	.1554939	.1272852	.1153936	180.9967
Stddev	.0002344	.0001860	2.95437	.0007460	.0002169	.0115706	5.6960
%RSD	3.054655	1.651278	3.304847	.4797294	.1704408	10.02707	3.146997
#1	.0076259	.0114522	87.62126	.1559551	.1270348	.1070793	177.8061
#2	.0079272	.0110806	92.80563	.1546333	.1274163	.1286079	187.5729
#3	.0074655	.0112516	87.75851	.1558934	.1274046	.1104935	177.6111

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.20850	37.01725	.2681287	.0150227	.9092283	.1854839	1.605705
Stddev	.36507	1.17805	.0002568	.0015886	.3785213	.0068670	.019990
%RSD	3.257062	3.182443	.0957582	10.57450	41.63105	3.702209	1.244944
#1	11.00143	36.28502	.2678449	.0133486	1.271541	.1793188	1.583061
#2	11.63002	38.37619	.2683450	.0165090	.516352	.1928849	1.620907
#3	10.99405	36.39056	.2681961	.0152106	.939792	.1842480	1.613147

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.149733	9.859232	.0803307	.0038080	2.236053	7.903522	.0160586
Stddev	.279200	.013943	.0023657	.0001595	.007660	.207854	.0017383
%RSD	3.051453	.1414254	2.944987	4.189643	.3425554	2.629897	10.82491
#1	8.981253	9.855000	.0792345	.0037983	2.238641	7.818859	.0154157
#2	9.472014	9.874802	.0830457	.0039722	2.242083	8.140347	.0147333
#3	8.995932	9.847895	.0787120	.0036536	2.227434	7.751361	.0180268

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-03 Acquired: 12/20/2024 21:09:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.402481	.0069426	.1389185
Stddev	.045830	.0002138	.0064714
%RSD	3.267794	3.079625	4.658427
#1	1.373932	.0066984	.1354434
#2	1.455345	.0070960	.1463851
#3	1.378167	.0070336	.1349271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2477.169	30477.38	3142.383	2100.106	2040.309
Stddev	3.664	56.92	76.297	7.149	6.132
%RSD	.1479184	.1867549	2.427993	.3404344	.3005284
#1	2479.941	30432.61	3168.560	2091.895	2046.164
#2	2473.015	30541.44	3056.444	2104.948	2033.934
#3	2478.552	30458.10	3202.146	2103.477	2040.830

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-04 Acquired: 12/20/2024 21:12:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0813433	-.031284	.1956788	.0659714	.0213110	69.89162
Stddev	.0019481	.006518	.0044759	.0046704	.0022549	.26156
%RSD	2.394878	20.83594	2.287368	7.079498	10.58097	.3742431
#1	.0816737	-.029925	.1905134	.0712439	.0204119	70.18083
#2	.0792512	-.038375	.1981109	.0623534	.0238768	69.82241
#3	.0831051	-.025553	.1984121	.0643170	.0196444	69.67162

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8291003	.0059992	.0067083	243.4787	.1162766	.1344552
Stddev	.0039668	.0000949	.0000719	1.0363	.0016116	.0003376
%RSD	.4784479	1.582203	1.072361	.4256081	1.385986	.2510852
#1	.8298852	.0061085	.0066357	244.6752	.1145003	.1340965
#2	.8326160	.0059522	.0067795	242.8908	.1166843	.1347667
#3	.8247998	.0059370	.0067097	242.8701	.1176451	.1345024

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1601031	161.2538	12.70717	98.69664	.2211103	.0134752
Stddev	.0057235	.6169	.07398	.24072	.0010124	.0005473
%RSD	3.574864	.3825722	.5821555	.2439022	.4578787	4.061323
#1	.1535028	161.8420	12.77021	98.81090	.2210298	.0132567
#2	.1636957	161.3076	12.72556	98.85895	.2201406	.0140980
#3	.1631108	160.6117	12.62573	98.42006	.2221606	.0130709

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.486148	.1614739	.7144347	7.696051	F 12.05355	.0705172
Stddev	.737564	.0041511	.0200052	.188361	.06227	.0023131
%RSD	49.62923	2.570769	2.800151	2.447500	.5165962	3.280177
#1	.868640	.1573895	.6913769	7.859458	11.98411	.0716677
#2	2.302853	.1613433	.7247533	7.738661	12.07214	.0720294
#3	1.286953	.1656887	.7271739	7.490036	12.10441	.0678544

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-04 Acquired: 12/20/2024 21:12:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036913	2.088767	9.273101	.0153619	1.435868	.0981006
Stddev	.0003420	.013164	.043918	.0007822	.012027	.0006187
%RSD	9.264400	.6302428	.4736086	5.091596	.8376239	.6307066
#1	.0036453	2.075391	9.318233	.0148873	1.446660	.0983172
#2	.0033747	2.089201	9.270564	.0149338	1.438040	.0985820
#3	.0040540	2.101709	9.230506	.0162647	1.422902	.0974027

Elem	Li6707
Units	ppm
Avg	.1268756
Stddev	.0030396
%RSD	2.395760
#1	.1303817
#2	.1249817
#3	.1252634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2210.550	27412.29	2897.449	1894.711	1945.240
Stddev	2.136	258.13	20.735	20.842	4.479
%RSD	.0966459	.9416684	.7156258	1.099993	.2302336
#1	2210.250	27696.51	2873.796	1918.634	1949.962
#2	2208.579	27192.42	2906.058	1880.484	1944.704
#3	2212.820	27347.94	2912.493	1885.015	1941.053

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-05 Acquired: 12/20/2024 21:16:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0824132	-.033333	.1991262	.0653161	.0214174	69.87419
Stddev	.0032422	.005278	.0038044	.0025156	.0019190	.52336
%RSD	3.934099	15.83305	1.910553	3.851502	8.959940	.7490039
#1	.0846845	-.028121	.2019844	.0624446	.0219783	70.24654
#2	.0787001	-.038674	.1948081	.0671316	.0229934	70.10022
#3	.0838548	-.033205	.2005860	.0663721	.0192805	69.27580

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8281377	.0059251	.0067911	242.7860	.1175049	.1339611
Stddev	.0079142	.0001905	.0002676	1.5154	.0007227	.0007685
%RSD	.9556592	3.215521	3.940245	.6241888	.6150548	.5736638
#1	.8320274	.0058603	.0065906	243.8114	.1180988	.1342555
#2	.8333544	.0061396	.0066877	243.5012	.1177155	.1330890
#3	.8190314	.0057755	.0070949	241.0453	.1167002	.1345389

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1586178	160.8781	12.68588	98.53740	.2218757	.0133979
Stddev	.0058229	1.3849	.08871	.67373	.0007610	.0005504
%RSD	3.671016	.8608397	.6992482	.6837256	.3429895	4.107918
#1	.1528754	161.8295	12.74086	98.82264	.2220832	.0127788
#2	.1584600	161.5157	12.73324	99.02158	.2210324	.0135834
#3	.1645180	159.2893	12.58355	97.76797	.2225114	.0138316

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.437052	.1672532	.7175578	7.693396	F 12.06074	.0680603
Stddev	.643237	.0049889	.0062344	.147093	.08784	.0010671
%RSD	44.76086	2.982852	.8688307	1.911942	.7282944	1.567844
#1	.991272	.1725941	.7103880	7.803775	12.07379	.0668282
#2	2.174446	.1627131	.7217017	7.750005	11.96710	.0686796
#3	1.145438	.1664524	.7205838	7.526409	12.14132	.0686732

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-05 Acquired: 12/20/2024 21:16:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036300	2.081157	9.214721	.0155670	1.436985	.0983187
Stddev	.0005403	.018853	.125369	.0005615	.011427	.0007692
%RSD	14.88385	.9058933	1.360533	3.606857	.7952116	.7823470
#1	.0042413	2.084988	9.305770	.0159333	1.445259	.0985904
#2	.0032166	2.060682	9.266665	.0149205	1.441750	.0989152
#3	.0034321	2.097799	9.071728	.0158470	1.423947	.0974506

Elem	Li6707
Units	ppm
Avg	.1274392
Stddev	.0010699
%RSD	.8395347
#1	.1286716
#2	.1268975
#3	.1267484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2208.697	27163.64	2899.851	1865.807	1941.531
Stddev	12.256	69.04	31.992	5.930	15.619
%RSD	.5548811	.2541570	1.103231	.3178512	.8044924
#1	2207.684	27084.00	2879.324	1859.982	1942.290
#2	2221.428	27206.45	2883.516	1865.600	1956.756
#3	2196.980	27200.47	2936.713	1871.838	1925.545

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-04LX5 Acquired: 12/20/2024 21:20:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151622	-.001612	.0448120	.0087486	-.000425	16.96269	.2011378
Stddev	.0057372	.002477	.0018008	.0011416	.001646	.09950	.0018112
%RSD	37.83892	153.6077	4.018541	13.04907	387.0089	.5865648	.9004714
#1	.0216722	.001119	.0427486	.0095351	-.001868	16.85431	.1993495
#2	.0108439	-.003712	.0456205	.0074392	.001367	16.98390	.2029711
#3	.0129705	-.002244	.0460668	.0092716	-.000775	17.04988	.2010927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015962	.0012700	59.93497	.0280294	.0414138	.0409364	39.95076
Stddev	.0000862	.0001171	.40299	.0004221	.0005194	.0075769	.21892
%RSD	5.403101	9.223433	.6723835	1.505809	1.254291	18.50888	.5479728
#1	.0015086	.0011382	59.47999	.0283076	.0414795	.0482866	39.74769
#2	.0015991	.0013095	60.07791	.0275437	.0418972	.0413710	39.92191
#3	.0016810	.0013623	60.24701	.0282368	.0408646	.0331516	40.18267

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.160678	24.52088	.0427634	.0033944	-.548189	.0317028	.1844879
Stddev	.023110	.08399	.0002978	.0008593	.504452	.0026962	.0075651
%RSD	.7311686	.3425212	.6964865	25.31612	92.02154	8.504727	4.100588
#1	3.134238	24.42437	.0427912	.0043259	-.007814	.0290071	.1904624
#2	3.177022	24.56090	.0424526	.0032246	-.630047	.0343995	.1759816
#3	3.170775	24.57738	.0430463	.0026326	-1.00671	.0317018	.1870198

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.511191	2.415306	.0188517	.0017526	.4223826	2.329280	-.006319
Stddev	.155761	.010720	.0014870	.0001531	.0052097	.007797	.000881
%RSD	10.30714	.4438297	7.887705	8.734915	1.233411	.3347194	13.95032
#1	1.677203	2.405099	.0193441	.0019206	.4240949	2.325877	-.006423
#2	1.488110	2.414345	.0171810	.0016209	.4265206	2.323764	-.007143
#3	1.368258	2.426474	.0200300	.0017165	.4165322	2.338200	-.005390

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-04LX5 Acquired: 12/20/2024 21:20:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3498704	.0234250	.0365840
Stddev	.0056291	.0006673	.0022832
%RSD	1.608908	2.848694	6.241008
#1	.3433705	.0228242	.0349852
#2	.3531416	.0241432	.0355678
#3	.3530990	.0233077	.0391989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.298	23570.29	2433.779	1637.373	2090.342
Stddev	1.979	249.22	10.804	11.545	2.246
%RSD	.1030487	1.057350	.4439335	.7050892	.1074600
#1	1918.014	23609.60	2443.032	1634.312	2089.629
#2	1921.494	23303.74	2421.905	1627.667	2088.538
#3	1921.387	23797.51	2436.399	1650.140	2092.858

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-06 Acquired: 12/20/2024 21:24:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1628223	.0545979	.2358516	.1965146	.1599257	71.96048
Stddev	.0027560	.0029032	.0009219	.0020439	.0017551	.39240
%RSD	1.692615	5.317439	.3908681	1.040069	1.097435	.5452962
#1	.1653516	.0579294	.2365627	.1942989	.1605071	71.51419
#2	.1632299	.0526088	.2348100	.1969183	.1579537	72.25141
#3	.1598852	.0532557	.2361821	.1983264	.1613163	72.11583

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.044744	.0837084	.1033812	239.6435	.4459755	1.088468
Stddev	.021660	.0012337	.0006536	1.8032	.0021313	.003586
%RSD	.5355173	1.473801	.6322608	.7524510	.4778869	.3294540
#1	4.019821	.0829818	.1038103	237.6198	.4457918	1.089735
#2	4.059031	.0851329	.1026289	241.0796	.4439420	1.084420
#3	4.055379	.0830106	.1037042	240.2312	.4481927	1.091248

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5301704	160.4419	13.33465	97.05750	1.198559	.0718507
Stddev	.0074541	1.0410	.08013	.62129	.004943	.0013413
%RSD	1.405992	.6488546	.6009233	.6401227	.4124282	1.866778
#1	.5234004	159.3833	13.25232	96.53773	1.199671	.0706331
#2	.5381586	161.4644	13.41239	97.74561	1.193155	.0716305
#3	.5289521	160.4780	13.33925	96.88915	1.202852	.0732884

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.257674	.9867744	1.425845	7.663423	F 11.93562	.0669887
Stddev	.114633	.0127766	.011144	.157281	.04619	.0024502
%RSD	9.114686	1.294784	.7815558	2.052361	.3870072	3.657660
#1	1.349114	.9722147	1.436819	7.642593	11.93937	.0685004
#2	1.129070	.9919918	1.414539	7.830082	11.88767	.0641617
#3	1.294839	.9961167	1.426177	7.517595	11.97982	.0683040

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-06 Acquired: 12/20/2024 21:24:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJQ3S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038097	2.070542	9.119294	.0138257	1.417177	.0956908
Stddev	.0004067	.013535	.100602	.0006757	.006100	.0005061
%RSD	10.67664	.6536733	1.103181	4.887184	.4304096	.5289078
#1	.0035246	2.064927	9.047491	.0130685	1.411499	.0955095
#2	.0042755	2.060719	9.234278	.0143670	1.423626	.0962627
#3	.0036290	2.085981	9.076112	.0140417	1.416407	.0953004

Elem	Li6707
Units	ppm
Avg	.1256155
Stddev	.0073770
%RSD	5.872671
#1	.1249517
#2	.1185929
#3	.1333020

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2207.036	27256.11	2904.866	1877.516	1947.253
Stddev	7.488	78.92	27.670	14.499	8.008
%RSD	.3392639	.2895489	.9525494	.7722603	.4112421
#1	2199.210	27186.58	2918.046	1868.387	1942.276
#2	2214.133	27341.89	2873.070	1894.235	1956.490
#3	2207.764	27239.85	2923.483	1869.926	1942.992

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-07 Acquired: 12/20/2024 21:28:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0747468	-.036090	1.069489	.0570259	.0189279	66.11068
Stddev	.0034257	.001957	.007134	.0010389	.0007246	.82465
%RSD	4.583053	5.422982	.6670208	1.821726	3.828486	1.247379
#1	.0713376	-.033904	1.074343	.0577769	.0181833	65.17515
#2	.0747139	-.037679	1.072825	.0574604	.0196308	66.73216
#3	.0781887	-.036686	1.061298	.0558403	.0189695	66.42473

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9450175	.0064145	.0065019	78.58173	.1284375	.0940266
Stddev	.0123414	.0000750	.0000212	.92731	.0008595	.0003097
%RSD	1.305943	1.169684	.3257713	1.180056	.6691917	.3293984
#1	.9308952	.0064824	.0064788	77.51291	.1286928	.0943610
#2	.9537309	.0063339	.0065204	79.17197	.1274792	.0939693
#3	.9504263	.0064273	.0065065	79.06030	.1291403	.0937496

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2361982	127.7527	5.238441	31.16084	.1901266	.0103199
Stddev	.0032379	1.4440	.064068	.39580	.0010935	.0008653
%RSD	1.370848	1.130330	1.223043	1.270189	.5751278	8.384517
#1	.2355338	126.0933	5.164736	30.75164	.1908399	.0098581
#2	.2333440	128.7237	5.280809	31.54173	.1906723	.0113181
#3	.2397168	128.4412	5.269778	31.18914	.1888677	.0097834

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7589180	.1361821	1.848660	8.675520	F 13.92361	.0801005
Stddev	.7042505	.0033563	.011234	.180604	.06041	.0037253
%RSD	92.79666	2.464580	.6077036	2.081770	.4338956	4.650822
#1	.0147538	.1371894	1.835721	8.508189	13.98543	.0758898
#2	.8470396	.1324375	1.855938	8.866973	13.92068	.0814437
#3	1.414961	.1389194	1.854320	8.651398	13.86471	.0829679

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-07 Acquired: 12/20/2024 21:28:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049785	4.006753	9.450833	.0749575	1.151533	.0824422
Stddev	.0003563	.016317	.026858	.0013160	.016088	.0012398
%RSD	7.155870	.4072298	.2841848	1.755627	1.397115	1.503855
#1	.0048589	4.024073	9.463791	.0761482	1.134404	.0814782
#2	.0053792	3.991670	9.468755	.0751799	1.166325	.0838408
#3	.0046975	4.004515	9.419953	.0735446	1.153870	.0820077

Elem	Li6707
Units	ppm
Avg	.1029015
Stddev	.0003061
%RSD	.2974346
#1	.1027822
#2	.1026730
#3	.1032492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2260.950	27831.22	2927.057	1918.662	2048.126
Stddev	7.211	96.08	17.509	6.919	8.702
%RSD	.3189174	.3452073	.5981893	.3605948	.4248770
#1	2252.859	27921.66	2937.819	1923.088	2040.018
#2	2263.298	27730.36	2906.853	1910.689	2047.038
#3	2266.694	27841.64	2936.498	1922.208	2057.320

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-08 Acquired: 12/20/2024 21:32:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1150395	-.058912	1.310121	.0814967	.0293865	72.15179
Stddev	.0030491	.004269	.001442	.0017626	.0005120	.19710
%RSD	2.650475	7.246240	.1100814	2.162807	1.742304	.2731737
#1	.1154470	-.059345	1.311417	.0812900	.0297588	72.22914
#2	.1178643	-.054443	1.310380	.0833536	.0295981	72.29848
#3	.1118071	-.062948	1.308567	.0798466	.0288026	71.92775

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.074465	.0079160	.0085230	87.27142	.1329459	.1067841
Stddev	.003357	.0001137	.0000322	.11404	.0011496	.0005742
%RSD	.3124770	1.436862	.3779181	.1306783	.8647138	.5377074
#1	1.077662	.0080376	.0085557	87.40147	.1320559	.1061969
#2	1.074764	.0078122	.0085221	87.22430	.1325381	.1073443
#3	1.070967	.0078983	.0084913	87.18848	.1342439	.1068112

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2826592	173.0388	6.143840	34.17574	.2254754	.0149943
Stddev	.0077121	.3653	.011456	.17803	.0004680	.0010564
%RSD	2.728403	.2111178	.1864625	.5209144	.2075525	7.045013
#1	.2893806	173.3955	6.153704	34.38122	.2259399	.0152598
#2	.2843574	173.0556	6.146541	34.07815	.2254824	.0138305
#3	.2742396	172.6654	6.131275	34.06785	.2250040	.0158925

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1898355	.1720594	2.116648	8.677571	F 14.19094	.0842363
Stddev	.9906083	.0034758	.025097	.078556	.00998	.0004142
%RSD	521.8245	2.020133	1.185702	.9052783	.0703474	.4917409
#1	.9597862	.1687661	2.115426	8.766487	14.18127	.0843296
#2	.5374492	.1756927	2.092183	8.648659	14.19034	.0837834
#3	-.927729	.1717193	2.142333	8.617569	14.20121	.0845959

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-08 Acquired: 12/20/2024 21:32:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041597	2.954274	9.580547	.0853952	1.171131	.0556360
Stddev	.0004571	.010323	.006504	.0007287	.003126	.0004441
%RSD	10.98857	.3494258	.0678827	.8533044	.2668984	.7982756
#1	.0045997	2.948762	9.577772	.0852828	1.167524	.0554524
#2	.0036873	2.947878	9.575892	.0847293	1.173043	.0553130
#3	.0041921	2.966183	9.587978	.0861736	1.172827	.0561425

Elem	Li6707
Units	ppm
Avg	.1103119
Stddev	.0036459
%RSD	3.305129
#1	.1061556
#2	.1129702
#3	.1118101

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2322.332	28882.74	2988.899	1994.267	2069.041
Stddev	5.866	157.75	10.755	5.055	4.344
%RSD	.2526046	.5461791	.3598290	.2534863	.2099333
#1	2321.562	29047.75	2983.192	1997.435	2066.524
#2	2316.889	28867.06	2982.201	1996.928	2066.541
#3	2328.545	28733.42	3001.305	1988.437	2074.056

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-09 Acquired: 12/20/2024 21:36:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891648	-.040510	1.049704	.0592060	.0200200	76.78852
Stddev	.0077042	.000867	.013223	.0030756	.0016377	.81752
%RSD	8.640434	2.140764	1.259704	5.194703	8.180220	1.064637
#1	.0979610	-.041284	1.061034	.0561939	.0182649	76.00329
#2	.0859181	-.039573	1.052902	.0623413	.0202879	77.63489
#3	.0836154	-.040673	1.035175	.0590827	.0215072	76.72738

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9400694	.0071468	.0073132	117.5477	.1341526	.1012601
Stddev	.0096317	.0000709	.0002442	1.2084	.0032023	.0020080
%RSD	1.024579	.9919115	3.339314	1.028037	2.387059	1.983014
#1	.9308882	.0070679	.0075218	116.4253	.1354544	.1030043
#2	.9500960	.0071671	.0073732	118.8269	.1305044	.1017109
#3	.9392242	.0072052	.0070446	117.3909	.1364990	.0990650

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2472163	140.9795	5.375952	29.83277	.1942895	.0125392
Stddev	.0035912	1.5767	.044845	.31329	.0025708	.0005789
%RSD	1.452638	1.118410	.8341856	1.050155	1.323195	4.616659
#1	.2469369	139.5356	5.332807	29.47196	.1962519	.0122017
#2	.2509389	142.6619	5.422323	30.03585	.1952373	.0132077
#3	.2437729	140.7411	5.372726	29.99050	.1913793	.0122083

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4518208	.1476459	1.634417	8.097103	F 11.70438	.0803724
Stddev	.5177361	.0023780	.028076	.133104	.13740	.0041778
%RSD	114.5888	1.610613	1.717785	1.643852	1.173898	5.198025
#1	.3773824	.1503757	1.614343	7.979411	11.83146	.0785809
#2	1.002747	.1465382	1.622409	8.241554	11.72310	.0851472
#3	-.024667	.1460239	1.666500	8.070343	11.55858	.0773892

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-09 Acquired: 12/20/2024 21:36:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027731	2.567019	8.101159	.0694343	1.048929	.0833285
Stddev	.0007154	.033650	.046206	.0010785	.011952	.0009337
%RSD	25.79800	1.310844	.5703606	1.553313	1.139401	1.120511
#1	.0034634	2.596460	8.078978	.0697602	1.037736	.0825358
#2	.0028209	2.574258	8.070226	.0703122	1.061516	.0843577
#3	.0020350	2.530339	8.154273	.0682303	1.047535	.0830919

Elem	Li6707
Units	ppm
Avg	.1097273
Stddev	.0021538
%RSD	1.962829
#1	.1091193
#2	.1121198
#3	.1079430

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.372	29140.01	3032.755	2005.722	2027.913
Stddev	6.710	474.93	15.376	35.010	17.233
%RSD	.2861996	1.629834	.5069862	1.745513	.8497990
#1	2339.984	28970.36	3050.474	1995.318	2013.176
#2	2341.035	29676.47	3022.932	2044.755	2023.701
#3	2352.095	28773.20	3024.858	1977.094	2046.861

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-10 Acquired: 12/20/2024 21:39:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0979151	-.062355	.6804719	.0764910	.0291411	105.4688
Stddev	.0024494	.003445	.0034404	.0015828	.0003007	.4048
%RSD	2.501564	5.524081	.5055867	2.069218	1.031690	.3838371
#1	.0951794	-.060215	.6777811	.0749143	.0288807	105.0201
#2	.0999049	-.066328	.6843483	.0780797	.0290723	105.8067
#3	.0986608	-.060521	.6792864	.0764789	.0294701	105.5796

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.118281	.0088273	.0094364	74.62803	.1826688	.1145678
Stddev	.005179	.0000882	.0001501	.34453	.0007247	.0005453
%RSD	.4630803	.9989068	1.590765	.4616579	.3967265	.4759811
#1	1.113748	.0087257	.0094393	74.25336	.1831837	.1151716
#2	1.123925	.0088841	.0092848	74.93119	.1829826	.1141112
#3	1.117170	.0088721	.0095850	74.69953	.1818401	.1144205

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2110068	163.9940	5.075377	32.76146	.2392622	.0143954
Stddev	.0002466	.7870	.019279	.17453	.0008097	.0005088
%RSD	.1168483	.4798923	.3798442	.5327181	.3384107	3.534276
#1	.2108151	163.1221	5.054682	32.56791	.2401954	.0140290
#2	.2112850	164.6518	5.092828	32.90685	.2388459	.0149763
#3	.2109203	164.2080	5.078620	32.80961	.2387454	.0141809

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5437876	.1738989	1.915656	8.052134	F 15.68357	.0964598
Stddev	.2433021	.0063182	.017200	.088811	.01140	.0013225
%RSD	44.74213	3.633278	.8978589	1.102955	.0727093	1.371019
#1	.5195674	.1716388	1.919626	8.127975	15.69285	.0958187
#2	.3135013	.1810364	1.930523	8.073995	15.67084	.0979806
#3	.7982939	.1690216	1.896818	7.954434	15.68702	.0955801

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-10 Acquired: 12/20/2024 21:39:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024463	4.245664	8.225685	.0308478	.8833922	.0367254
Stddev	.0004050	.012179	.059296	.0009814	.0060482	.0004465
%RSD	16.55653	.2868690	.7208667	3.181404	.6846547	1.215746
#1	.0022284	4.245992	8.157761	.0313061	.8766496	.0371777
#2	.0029136	4.233323	8.267117	.0297211	.8883393	.0362850
#3	.0021968	4.257676	8.252177	.0315161	.8851878	.0367134

Elem	Li6707
Units	ppm
Avg	.1385189
Stddev	.0026872
%RSD	1.939965
#1	.1358265
#2	.1412009
#3	.1385294

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2656.281	32817.29	3435.067	2259.755	2033.318
Stddev	3.176	133.57	14.728	15.345	2.573
%RSD	.1195791	.4070043	.4287629	.6790417	.1265518
#1	2655.178	32672.06	3450.336	2242.355	2030.398
#2	2659.861	32844.93	3420.947	2271.349	2035.253
#3	2653.803	32934.87	3433.919	2265.563	2034.304

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-11 Acquired: 12/20/2024 21:43:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0836350	-.074639	.1763908	.1230568	.0459730	111.9168	2.050711
Stddev	.0032314	.001677	.0060628	.0019952	.0049312	.8946	.013715
%RSD	3.863716	2.247204	3.437131	1.621381	10.72636	.7993605	.6687798
#1	.0849092	-.076467	.1832687	.1216248	.0484145	112.2136	2.054860
#2	.0799607	-.074278	.1740821	.1222099	.0402973	110.9115	2.035401
#3	.0860350	-.073171	.1718215	.1253358	.0492071	112.6252	2.061873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077336	.0129744	42.89754	.1634892	.1516919	.0549478	231.4306
Stddev	.0001139	.0002384	.36793	.0003067	.0003146	.0046084	1.7471
%RSD	1.473266	1.837743	.8576891	.1876073	.2074014	8.386930	.7549159
#1	.0077487	.0127799	43.04850	.1637875	.1514317	.0520607	232.7355
#2	.0076129	.0129029	42.47814	.1631747	.1520415	.0525202	229.4457
#3	.0078393	.0132404	43.16597	.1635055	.1516023	.0602626	232.1105

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.91533	36.53119	.2810976	.0189723	.1100683	.1812653	2.659709
Stddev	.15862	.35293	.0010378	.0005576	.2762178	.0075934	.016492
%RSD	.7964811	.9660925	.3692032	2.939204	250.9513	4.189091	.6200793
#1	19.99067	36.68455	.2799167	.0183321	.3499883	.1771822	2.654124
#2	19.73308	36.12753	.2815119	.0192324	-.191895	.1765871	2.646734
#3	20.02225	36.78149	.2818644	.0193523	.172111	.1900266	2.678269

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.542042	7.147805	.0831791	.0008822	.8124206	8.738866	.0147779
Stddev	.030056	.014389	.0022633	.0009925	.0044605	.128532	.0015220
%RSD	.3985069	.2013089	2.720991	112.5095	.5490399	1.470810	10.29929
#1	7.508538	7.131312	.0806177	.0005470	.8086130	8.791592	.0130218
#2	7.550955	7.157796	.0849092	.0001006	.8173282	8.592356	.0155943
#3	7.566633	7.154307	.0840105	.0019989	.8113206	8.832651	.0157175

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-11 Acquired: 12/20/2024 21:43:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.254978	-.090725	.1548938
Stddev	.012750	.001322	.0027594
%RSD	1.015934	1.456996	1.781479
#1	1.266790	-.092221	.1527160
#2	1.241462	-.089716	.1579970
#3	1.256683	-.090237	.1539684

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2294.591	28105.31	2927.382	1930.472	2045.049
Stddev	3.435	25.61	25.722	1.383	5.465
%RSD	.1497159	.0911127	.8786537	.0716358	.2672489
#1	2295.746	28082.64	2912.354	1929.028	2048.926
#2	2290.727	28100.20	2957.082	1931.784	2038.798
#3	2297.300	28133.08	2912.711	1930.603	2047.422

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-12 Acquired: 12/20/2024 21:47:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0888460	-.085812	.1826398	.1085474	.0433764	112.9871	1.609705
Stddev	.0028476	.005025	.0048975	.0039205	.0014619	.2720	.003279
%RSD	3.205046	5.855864	2.681533	3.611826	3.370192	.2407391	.2036767
#1	.0911829	-.091302	.1806715	.1085105	.0418693	113.0010	1.612595
#2	.0856744	-.081440	.1790326	.1124863	.0434715	112.7084	1.606142
#3	.0896809	-.084695	.1882153	.1046454	.0447884	113.2518	1.610379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084882	.0083984	44.11079	.1634529	.1406182	.0538768	225.6133
Stddev	.0000881	.0001832	.07222	.0020880	.0000601	.0034403	.1819
%RSD	1.037599	2.180902	.1637162	1.277458	.0427426	6.385448	.0806379
#1	.0084437	.0083833	44.14316	.1641081	.1406269	.0500734	225.4652
#2	.0084313	.0082233	44.02805	.1611159	.1406735	.0547854	225.5583
#3	.0085897	.0085887	44.16116	.1651348	.1405542	.0567716	225.8164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.74208	38.80837	.2541387	.0184566	.4305344	.1844745	2.418061
Stddev	.00945	.09916	.0010560	.0002662	.3165312	.0050529	.040755
%RSD	.0804598	.2555041	.4155122	1.442164	73.52054	2.739051	1.685422
#1	11.74173	38.84978	.2550673	.0186361	.6579820	.1879483	2.390432
#2	11.73282	38.88012	.2529900	.0181508	.0690351	.1867973	2.398884
#3	11.75170	38.69523	.2543589	.0185829	.5645863	.1786780	2.464867

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.516050	8.541952	.0779379	.0003788	.8019966	8.147384	.0141102
Stddev	.061934	.013248	.0056883	.0006968	.0029508	.098758	.0004973
%RSD	.7272575	.1550913	7.298515	183.9262	.3679326	1.212138	3.524264
#1	8.569795	8.551274	.0716308	-.000348	.8022485	8.254698	.0145748
#2	8.448320	8.526788	.0826795	.000443	.7989279	8.060322	.0141701
#3	8.530035	8.547796	.0795033	.001041	.8048133	8.127132	.0135857

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-12 Acquired: 12/20/2024 21:47:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.287426	-.081825	.1617607
Stddev	.003674	.000284	.0013352
%RSD	.2853864	.3472031	.8254171
#1	1.283360	-.081771	.1624035
#2	1.290508	-.082132	.1626530
#3	1.288411	-.081571	.1602257

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2359.709	29153.17	3039.684	2005.081	2052.216
Stddev	15.807	250.02	26.342	20.959	12.673
%RSD	.6698659	.8576042	.8666011	1.045288	.6175515
#1	2347.510	29186.75	3011.267	2001.674	2045.141
#2	2354.050	29384.70	3063.287	2027.534	2044.660
#3	2377.567	28888.05	3044.497	1986.034	2066.848

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-13 Acquired: 12/20/2024 21:51:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961515	-.080395	.1749611	.1116183	.0406239	98.68265	1.773680
Stddev	.0028304	.002369	.0001976	.0059214	.0020716	.32728	.006786
%RSD	2.943632	2.946335	.1129446	5.305048	5.099468	.3316489	.3826083
#1	.0959502	-.079646	.1751560	.1048691	.0384507	98.36697	1.766985
#2	.0934273	-.078491	.1747609	.1140451	.0408447	98.66059	1.773500
#3	.0990772	-.083048	.1749665	.1159409	.0425762	99.02041	1.780554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081828	.0101028	43.57436	.1541907	.1639801	.0824345	224.7297
Stddev	.0001345	.0001444	.12059	.0007005	.0018181	.0044583	.6998
%RSD	1.644021	1.429665	.2767395	.4542934	1.108753	5.408358	.3113801
#1	.0082594	.0102621	43.46812	.1539111	.1658796	.0838220	224.1175
#2	.0080275	.0100661	43.54954	.1549878	.1622561	.0860342	224.5790
#3	.0082615	.0099803	43.70543	.1536732	.1638045	.0774474	225.4925

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.37516	38.26428	.2638768	.0177373	-.044608	.1892666	1.989479
Stddev	.05419	.04891	.0035712	.0005792	.769041	.0038639	.011649
%RSD	.3770038	.1278211	1.353372	3.265657	1724.014	2.041510	.5855380
#1	14.32106	38.23543	.2679780	.0176548	-.328329	.1848577	1.977100
#2	14.37495	38.23666	.2614534	.0172038	.825985	.1920636	2.000227
#3	14.42945	38.32076	.2621991	.0183534	-.631478	.1908785	1.991111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.450782	9.483780	.0750801	.0014197	.6329451	9.619772	.0137299
Stddev	.100515	.125923	.0021099	.0000467	.0084650	.045240	.0031841
%RSD	1.349055	1.327768	2.810201	3.287801	1.337405	.4702836	23.19099
#1	7.435882	9.629079	.0726601	.0014288	.6426901	9.666629	.0167625
#2	7.358548	9.406368	.0760470	.0013692	.6287305	9.576344	.0104133
#3	7.557915	9.415894	.0765333	.0014612	.6274146	9.616342	.0140139

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-13 Acquired: 12/20/2024 21:51:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJS4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.368715	-.079294	.1475069
Stddev	.002548	.000244	.0028820
%RSD	.1861366	.3077676	1.953802
#1	1.366959	-.079496	.1442978
#2	1.367549	-.079023	.1498743
#3	1.371637	-.079362	.1483487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2309.504	28550.54	2993.343	1972.054	2052.113
Stddev	23.959	27.41	20.217	3.496	26.861
%RSD	1.037414	.0959913	.6753863	.1772920	1.308962
#1	2282.128	28539.13	2970.150	1976.087	2021.121
#2	2326.651	28581.81	3007.236	1969.887	2066.532
#3	2319.732	28530.68	3002.644	1970.187	2068.686

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV083 Acquired: 12/20/2024 21:55:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.130679	4.841657	24.94631	4.970703	4.981897	412.4722	10.28268
Stddev	.008278	.016087	.04808	.006187	.009371	1.8403	.06386
%RSD	.1613499	.3322582	.1927154	.1244682	.1880940	.4461526	.6210522
#1	5.122158	4.853322	25.00164	4.964575	4.978244	410.3658	10.20975
#2	5.131188	4.823305	24.91478	4.976947	4.974904	413.7681	10.32859
#3	5.138691	4.848343	24.92250	4.970588	4.992544	413.2826	10.30969

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5156408	2.508925	414.0775	15.79901	2.510001	15.49972	415.9626
Stddev	.0037529	.007302	.9149	.11884	.005788	.04097	2.3389
%RSD	.7278095	.2910458	.2209401	.7522136	.2305901	.2643335	.5622896
#1	.5168424	2.516815	413.0211	15.68992	2.516677	15.45244	413.3852
#2	.5186457	2.502405	414.5984	15.92565	2.506387	15.52488	417.9500
#3	.5114343	2.507556	414.6129	15.78145	2.506940	15.52183	416.5525

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.35009	411.0370	2.528825	1.329529	409.7406	2.568021	15.32096
Stddev	.07173	1.7372	.005116	.009975	1.9399	.005085	.07627
%RSD	.4673042	.4226428	.2023116	.7502751	.4734553	.1980241	.4978313
#1	15.26835	409.0964	2.534637	1.321807	407.6475	2.564234	15.23294
#2	15.40255	412.4472	2.525004	1.340791	411.4782	2.573801	15.36233
#3	15.37936	411.5673	2.526835	1.325988	410.0960	2.566027	15.36760

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.6537	5.014053	5.012428	4.864798	5.068218	4.969762	5.020518
Stddev	.5442	.010360	.025426	.006397	.003936	.031396	.019801
%RSD	.3518861	.2066147	.5072494	.1314975	.0776539	.6317371	.3943951
#1	154.0287	5.025056	5.009289	4.861811	5.068672	4.972270	5.041448
#2	155.0228	5.012616	5.039277	4.860440	5.064075	4.999829	5.002083
#3	154.9096	5.004486	4.988718	4.872142	5.071907	4.937188	5.018022

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV083 Acquired: 12/20/2024 21:55:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV083 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.129337	4.884763	5.244764
Stddev	.033475	.024957	.025438
%RSD	.6526170	.5109128	.4850143
#1	5.091214	4.856012	5.215535
#2	5.153927	4.900844	5.256861
#3	5.142871	4.897432	5.261895

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1542.043	20319.58	2259.012	1288.266	1767.567
Stddev	1.475	129.29	11.777	1.026	6.278
%RSD	.0956716	.6362998	.5213442	.0796376	.3551949
#1	1541.707	20455.08	2260.798	1287.565	1760.755
#2	1543.657	20197.55	2246.443	1287.790	1773.121
#3	1540.764	20306.11	2269.794	1289.443	1768.826

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB083 Acquired: 12/20/2024 21:58:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007294	-.001201	.0030578	.0017750	-.003720	.0120415
Stddev	.0028791	.001547	.0022156	.0019974	.002049	.0181798
%RSD	394.7270	128.8083	72.45850	112.5256	55.08654	150.9764
#1	-.001601	-.001373	.0014520	.0016723	-.001551	.0205640
#2	.003948	.000425	.0055855	.0038217	-.005625	.0243944
#3	-.000159	-.002655	.0021359	-.000169	-.003985	-.008834

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000272	.0000867	.0000992	.0316390	-.000410	.0002007
Stddev	.002342	.0001431	.0000575	.0478490	.000301	.0002733
%RSD	862.2429	165.1824	57.97210	151.2345	73.44721	136.1810
#1	-.000763	.0000010	.0000336	.0076444	-.000617	.0005134
#2	.002277	.0002519	.0001231	.0005349	-.000548	.0000077
#3	-.002329	.0000071	.0001410	.0867376	-.000065	.0000809

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000319	.0083041	-.000232	.0828873	.0005131	.0005264
Stddev	.002336	.0175567	.001540	.0909702	.0001841	.0004839
%RSD	733.2111	211.4208	663.1820	109.7517	35.87136	91.92969
#1	-.002027	.0268125	.000826	.1242920	.0003071	.0001304
#2	.002343	-.008114	.000477	-.021420	.0006614	.0003830
#3	-.001272	.006213	-.001999	.145790	.0005709	.0010659

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4001026	-.009296	.0086687	-.297011	-.003285	.0165712
Stddev	.5016154	.003339	.0073412	.132452	.003210	.0007273
%RSD	125.3717	35.92316	84.68680	44.59497	97.72879	4.388890
#1	.9336982	-.013028	.0076031	-.377991	-.006989	.0173891
#2	-.061823	-.008269	.0019185	-.368882	-.001574	.0159974
#3	.328433	-.006591	.0164845	-.144159	-.001292	.0163270

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB083 Acquired: 12/20/2024 21:58:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB083 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000220	-.006052	-.000116	F -.013348	.0020664	.0003563
Stddev	.0004533	.004735	.000932	.000519	.0033646	.0000573
%RSD	2062.253	78.23486	805.9037	3.888362	162.8236	16.06980
#1	-.000460	-.000604	.000811	-.013947	-.000639	.0004224
#2	.000085	-.008382	-.000106	-.013026	.001004	.0003239
#3	.000440	-.009171	-.001052	-.013071	.005834	.0003226

Elem	Li6707
Units	ppm
Avg	.0127877
Stddev	.0030575
%RSD	23.90983
#1	.0153413
#2	.0136222
#3	.0093996

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.656	22712.56	2332.963	1576.347	2170.293
Stddev	3.924	89.32	5.672	6.392	1.623
%RSD	.2119304	.3932634	.2431389	.4055255	.0747730
#1	1855.863	22815.22	2326.446	1583.700	2171.653
#2	1851.013	22652.63	2336.789	1573.231	2170.729
#3	1848.094	22669.84	2335.653	1572.110	2168.497

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-14 Acquired: 12/20/2024 22:02:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0891717	-.087609	.1994023	.1001324	.0390151	82.06357
Stddev	.0044447	.003876	.0032679	.0039164	.0005151	.47433
%RSD	4.984457	4.424486	1.638863	3.911250	1.320225	.5780005
#1	.0940999	-.091474	.1973662	.1028606	.0387821	82.37010
#2	.0879487	-.083722	.2031717	.0956449	.0386576	81.51722
#3	.0854666	-.087632	.1976689	.1018919	.0396055	82.30339

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6683138	.0084819	.0062565	47.80424	.1342483	.1144855
Stddev	.0042910	.0000525	.0000308	.19773	.0008090	.0001968
%RSD	.6420639	.6185989	.4919964	.4136224	.6026198	.1719399
#1	.6716477	.0084753	.0062229	47.99121	.1333943	.1142584
#2	.6634725	.0085373	.0062633	47.59728	.1350031	.1145901
#3	.6698213	.0084330	.0062833	47.82423	.1343474	.1146080

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0854493	209.3305	5.010132	33.69676	.2039361	.0149087
Stddev	.0033663	1.3384	.030538	.05707	.0021190	.0010197
%RSD	3.939480	.6393751	.6095172	.1693515	1.039063	6.839888
#1	.0823159	210.6055	5.038242	33.75326	.2029242	.0160854
#2	.0890080	207.9366	4.977640	33.63914	.2063713	.0142840
#3	.0850240	209.4494	5.014512	33.69788	.2025126	.0143566

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4865048	.1901632	1.545899	7.692359	F 13.99332	.0825425
Stddev	.4023747	.0020167	.003285	.179827	.04466	.0024039
%RSD	82.70724	1.060522	.2124939	2.337738	.3191178	2.912274
#1	.7895762	.1887490	1.547006	7.886489	13.95243	.0853167
#2	.6399546	.1892681	1.542203	7.531475	14.04097	.0810761
#3	.0299836	.1924726	1.548487	7.659113	13.98655	.0812347

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-14 Acquired: 12/20/2024 22:02:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008616	.6836019	8.851605	.0151722	1.337806	-.068142
Stddev	.0004224	.0063706	.067008	.0004511	.009242	.000394
%RSD	49.02573	.9319129	.7570155	2.973528	.6907962	.5775145
#1	.0012626	.6782205	8.916045	.0151611	1.345291	-.068596
#2	.0009017	.6906360	8.782295	.0147268	1.327477	-.067942
#3	.0004206	.6819492	8.856474	.0156289	1.340649	-.067890

Elem	Li6707
Units	ppm
Avg	.1304644
Stddev	.0037484
%RSD	2.873155
#1	.1283923
#2	.1282094
#3	.1347914

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2367.775	29114.97	3041.928	2010.677	2075.037
Stddev	4.154	184.49	20.597	11.814	4.755
%RSD	.1754229	.6336461	.6771044	.5875469	.2291451
#1	2363.099	29145.57	3019.563	2008.945	2071.677
#2	2369.188	28917.09	3060.116	1999.826	2072.957
#3	2371.037	29282.24	3046.105	2023.262	2080.478

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-15 Acquired: 12/20/2024 22:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1295809	-.071074	1.272721	.0987399	.0341678	87.70278
Stddev	.0062970	.000358	.008596	.0022948	.0014566	.51290
%RSD	4.859518	.5030688	.6754120	2.324054	4.263136	.5848171
#1	.1236270	-.070951	1.282200	.0963729	.0329704	87.21216
#2	.1289432	-.070794	1.270529	.0988919	.0337435	88.23538
#3	.1361724	-.071476	1.265432	.1009549	.0357895	87.66080

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.322710	.0098510	.0069174	72.17695	.1447040	.1200718
Stddev	.006762	.0001099	.0001011	.34790	.0001135	.0005073
%RSD	.5112358	1.115959	1.462077	.4820086	.0784583	.4224924
#1	1.317503	.0098771	.0070316	72.00232	.1448351	.1206575
#2	1.330352	.0099455	.0068392	72.57757	.1446388	.1197718
#3	1.320274	.0097304	.0068813	71.95095	.1446382	.1197861

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3289769	198.4144	7.682869	27.88244	.2228854	.0165426
Stddev	.0029785	1.1681	.042544	.24290	.0003005	.0009663
%RSD	.9053876	.5887218	.5537484	.8711480	.1348232	5.841522
#1	.3268822	197.3035	7.636328	27.62126	.2226084	.0156624
#2	.3323866	199.6323	7.719756	28.10157	.2232049	.0175766
#3	.3276619	198.3075	7.692524	27.92448	.2228429	.0163888

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9376494	.2227662	1.057386	11.47062	F 15.16470	.1032087
Stddev	.6469468	.0027879	.012652	.07166	.02546	.0010159
%RSD	68.99667	1.251474	1.196526	.6246844	.1679223	.9843180
#1	.3340356	.2258599	1.070982	11.43323	15.19406	.1022843
#2	1.620610	.2219900	1.045958	11.55324	15.15140	.1030456
#3	.858303	.2204487	1.055218	11.42540	15.14863	.1042963

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-15 Acquired: 12/20/2024 22:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065464	5.114309	10.05203	.1705486	1.320745	.0125143
Stddev	.0002694	.014868	.14793	.0011481	.003364	.0002998
%RSD	4.115866	.2907178	1.471663	.6731540	.2547296	2.395927
#1	.0062811	5.131436	9.97047	.1703947	1.317054	.0128570
#2	.0065383	5.106782	10.22279	.1717658	1.323640	.0123855
#3	.0068198	5.104710	9.96283	.1694853	1.321541	.0123003

Elem	Li6707
Units	ppm
Avg	.1414395
Stddev	.0032011
%RSD	2.263234
#1	.1433579
#2	.1432165
#3	.1377441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2300.906	28166.20	2958.316	1946.197	2051.648
Stddev	8.138	106.68	34.824	16.174	12.163
%RSD	.3536682	.3787491	1.177144	.8310480	.5928541
#1	2292.431	28188.13	2980.534	1945.109	2037.622
#2	2301.628	28260.21	2918.182	1962.887	2058.018
#3	2308.659	28050.26	2976.233	1930.594	2059.303

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-16 Acquired: 12/20/2024 22:10:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1970718	-.128449	1.088224	.1510832	.0597008	77.49839
Stddev	.0057945	.002530	.002397	.0029888	.0019534	.22428
%RSD	2.940279	1.969901	.2202397	1.978225	3.271946	.2894013
#1	.1928948	-.131371	1.085462	.1542750	.0617352	77.24374
#2	.2036869	-.126985	1.089457	.1483507	.0578401	77.58488
#3	.1946337	-.126991	1.089755	.1506239	.0595272	77.66654

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.340738	.0116506	.0079284	76.90815	.1086357	.1123139
Stddev	.003525	.0000567	.0001071	.24946	.0006385	.0006462
%RSD	.2629438	.4868681	1.351336	.3243639	.5877480	.5753413
#1	1.336673	.0117124	.0080453	76.63281	.1093593	.1125886
#2	1.342588	.0116388	.0078349	77.11912	.1083964	.1127774
#3	1.342953	.0116008	.0079049	76.97253	.1081515	.1115757

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4366128	306.6488	6.474981	26.26707	.1955190	.0227026
Stddev	.0052876	.7934	.015723	.12783	.0008092	.0003248
%RSD	1.211053	.2587387	.2428203	.4866655	.4138816	1.430490
#1	.4413182	305.7351	6.457415	26.19051	.1956874	.0228128
#2	.4308906	307.0474	6.487734	26.19605	.1962308	.0229579
#3	.4376297	307.1639	6.479795	26.41464	.1946389	.0223371

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.034478	.2573794	1.024380	8.841814	F 17.98309	.1149314
Stddev	.523929	.0016421	.011509	.138323	.01034	.0035008
%RSD	50.64669	.6380156	1.123506	1.564422	.0574917	3.045970
#1	1.275035	.2581755	1.026211	8.756965	17.99346	.1170289
#2	.433470	.2584716	1.012065	8.767046	17.98303	.1168752
#3	1.394929	.2554909	1.034864	9.001430	17.97278	.1108900

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-16 Acquired: 12/20/2024 22:10:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180393	4.185453	9.953071	.0934402	1.150322	-.077350
Stddev	.0003541	.008680	.011203	.0002157	.003801	.000156
%RSD	1.962721	.2073762	.1125625	.2308058	.3304583	.2014566
#1	.0182247	4.178498	9.962972	.0934297	1.146312	-.077469
#2	.0176311	4.195180	9.940910	.0932301	1.150782	-.077406
#3	.0182622	4.182680	9.955330	.0936610	1.153873	-.077173

Elem	Li6707
Units	ppm
Avg	.1224310
Stddev	.0010099
%RSD	.8248644
#1	.1216052
#2	.1221310
#3	.1235569

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2263.806	27911.66	2933.486	1918.724	2053.379
Stddev	1.402	92.68	5.566	1.760	.939
%RSD	.0619171	.3320559	.1897444	.0917247	.0457299
#1	2262.203	27861.24	2928.603	1917.289	2052.712
#2	2264.416	27855.12	2932.308	1918.195	2052.972
#3	2264.799	28018.62	2939.546	1920.688	2054.453

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-17 Acquired: 12/20/2024 22:14:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1529786	-.061349	1.031796	.0920477	.0307298	88.91767
Stddev	.0036015	.001204	.002374	.0032294	.0017509	.60019
%RSD	2.354283	1.962708	.2301143	3.508376	5.697679	.6749979
#1	.1554818	-.059995	1.029937	.0889577	.0294304	88.41790
#2	.1546030	-.061753	1.034471	.0917850	.0300381	88.75174
#3	.1488509	-.062300	1.030980	.0954004	.0327209	89.58337

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.538260	.0091507	.0075308	98.19555	.1340942	.1367930
Stddev	.010493	.0001187	.0001542	.59960	.0001800	.0002647
%RSD	.6821454	1.297142	2.047402	.6106200	.1342082	.1935344
#1	1.527513	.0091896	.0076573	97.76122	.1339408	.1364996
#2	1.538786	.0090175	.0075761	97.94577	.1342923	.1370142
#3	1.548480	.0092451	.0073590	98.87966	.1340496	.1368651

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3188298	185.4769	9.748066	36.48159	.2191881	.0150500
Stddev	.0091401	1.3430	.055065	.10248	.0014581	.0009869
%RSD	2.866776	.7240693	.5648775	.2809040	.6652038	6.557369
#1	.3108292	184.2190	9.687478	36.41022	.2200188	.0139449
#2	.3168692	185.3204	9.761659	36.43555	.2200410	.0158435
#3	.3287912	186.8913	9.795061	36.59902	.2175045	.0153617

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3004185	.2362077	1.037482	8.886631	F 14.70869	.0959402
Stddev	.5936871	.0070111	.006741	.102578	.02353	.0013499
%RSD	197.6200	2.968174	.6497361	1.154293	.1599670	1.407004
#1	.7821976	.2363866	1.033600	8.793098	14.73282	.0944138
#2	-.362823	.2291090	1.045266	8.870461	14.70743	.0964295
#3	.481881	.2431277	1.033580	8.996333	14.68581	.0969771

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-17 Acquired: 12/20/2024 22:14:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJY9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060098	3.908722	9.682736	.0669850	1.232807	.0695131
Stddev	.0006309	.009496	.056252	.0006178	.008489	.0004571
%RSD	10.49838	.2429424	.5809473	.9223251	.6886278	.6575999
#1	.0065883	3.919334	9.659638	.0663605	1.225532	.0691417
#2	.0053371	3.905807	9.641710	.0675960	1.230754	.0693740
#3	.0061039	3.901025	9.746860	.0669985	1.242134	.0700236

Elem	Li6707
Units	ppm
Avg	.1389161
Stddev	.0024861
%RSD	1.789624
#1	.1366885
#2	.1384618
#3	.1415980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2361.879	29030.78	3049.903	2004.664	2031.858
Stddev	7.623	159.79	8.471	10.609	4.941
%RSD	.3227619	.5504021	.2777430	.5292085	.2431895
#1	2362.264	29014.50	3040.157	2000.149	2027.709
#2	2369.303	28879.75	3054.058	1997.059	2037.324
#3	2354.071	29198.08	3055.494	2016.783	2030.541

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-18 Acquired: 12/20/2024 22:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1439349	-.070594	.4259723	.1015293	.0395640	82.01422
Stddev	.0011694	.002131	.0030972	.0054333	.0016625	.62513
%RSD	.8124284	3.018756	.7270932	5.351439	4.202092	.7622231
#1	.1451202	-.071336	.4271394	.0971662	.0411043	81.29314
#2	.1427822	-.068191	.4224611	.1076151	.0378016	82.34616
#3	.1439022	-.072255	.4283164	.0998066	.0397862	82.40337

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.587523	.0089774	.0072732	184.5859	.1238208	.1512910
Stddev	.011383	.0001352	.0001749	1.1807	.0007257	.0001808
%RSD	.7170046	1.505896	2.404487	.6396276	.5861168	.1195185
#1	1.574497	.0088241	.0073493	183.2286	.1244360	.1514711
#2	1.595556	.0090797	.0070731	185.3757	.1240060	.1512923
#3	1.592516	.0090284	.0073971	185.1533	.1230205	.1511095

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2719776	230.0526	12.81637	50.71014	.2339334	.0174866
Stddev	.0050895	1.7079	.09025	.34521	.0010704	.0004837
%RSD	1.871283	.7423745	.7042133	.6807612	.4575838	2.766029
#1	.2679732	228.0818	12.71234	50.31388	.2349907	.0169282
#2	.2702546	231.1009	12.86304	50.87084	.2328503	.0177542
#3	.2777049	230.9750	12.87374	50.94572	.2339594	.0177774

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7786354	.2307009	.7927623	8.084962	F 12.89395	.0935617
Stddev	.1743652	.0021746	.0185991	.067830	.01671	.0044229
%RSD	22.39369	.9425867	2.346111	.8389667	.1296134	4.727268
#1	.5977963	.2316738	.8103524	8.151635	12.90292	.0886116
#2	.7923989	.2322192	.7732964	8.016031	12.87467	.0949485
#3	.9457109	.2282098	.7946380	8.087220	12.90427	.0971250

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-18 Acquired: 12/20/2024 22:18:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071172	1.721960	9.661372	.0297955	1.299657	-.002618
Stddev	.0001642	.004022	.071913	.0009676	.008211	.000757
%RSD	2.307299	.2335786	.7443342	3.247569	.6317558	28.89939
#1	.0072142	1.717645	9.603272	.0294944	1.290260	-.001866
#2	.0069276	1.722632	9.741801	.0290141	1.305443	-.003379
#3	.0072098	1.725604	9.639044	.0308778	1.303269	-.002609

Elem	Li6707
Units	ppm
Avg	.1355849
Stddev	.0046075
%RSD	3.398233
#1	.1341146
#2	.1407481
#3	.1318921

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.217	29616.70	3133.249	2038.991	1990.236
Stddev	7.890	118.98	27.523	8.588	5.643
%RSD	.3274730	.4017169	.8784311	.4211821	.2835252
#1	2407.659	29511.42	3163.547	2033.797	1988.711
#2	2417.769	29745.78	3109.790	2048.903	1996.485
#3	2402.223	29592.92	3126.410	2034.272	1985.513

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-19 Acquired: 12/20/2024 22:21:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1055096	-.065797	.3420953	.0897441	.0322515	74.86451
Stddev	.0044570	.000649	.0015626	.0051957	.0014364	.17846
%RSD	4.224283	.9859742	.4567731	5.789429	4.453888	.2383716
#1	.1046900	-.066416	.3438676	.0920125	.0325732	74.66756
#2	.1015193	-.065122	.3415019	.0837999	.0306815	74.91052
#3	.1103195	-.065853	.3409162	.0934198	.0334999	75.01547

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.162267	.0083677	.0049504	196.5527	.1168955	.1287844
Stddev	.001206	.0001791	.0000924	.6074	.0005077	.0001874
%RSD	.1037470	2.140853	1.866027	.3090202	.4343231	.1455414
#1	1.161202	.0085676	.0050329	195.9602	.1168372	.1289135
#2	1.162021	.0083139	.0049676	196.5240	.1164194	.1285695
#3	1.163576	.0082216	.0048506	197.1739	.1174298	.1288703

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2482098	207.8374	9.579361	59.40943	.2014754	.0165110
Stddev	.0060586	.6866	.028584	.26433	.0017148	.0003404
%RSD	2.440907	.3303329	.2983910	.4449326	.8511169	2.061357
#1	.2438938	207.0890	9.548979	59.13900	.2030557	.0168827
#2	.2455996	207.9849	9.583384	59.42208	.1996520	.0164360
#3	.2551360	208.4382	9.605721	59.66720	.2017184	.0162145

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7510579	.1987322	.6664700	12.50148	F 11.04894	.0945527
Stddev	.5670547	.0050751	.0115813	.09638	.02681	.0014998
%RSD	75.50081	2.553754	1.737705	.7709766	.2426642	1.586193
#1	.0987953	.1996673	.6547709	12.59065	11.05916	.0962844
#2	1.126850	.1932545	.6667093	12.39922	11.01852	.0937082
#3	1.027528	.2032748	.6779298	12.51456	11.06914	.0936656

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-19 Acquired: 12/20/2024 22:21:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046270	1.346862	7.065656	.0316725	1.658862	.0489470
Stddev	.0005328	.004838	.046694	.0009318	.004946	.0005036
%RSD	11.51424	.3592011	.6608640	2.941952	.2981262	1.028811
#1	.0049512	1.348715	7.028818	.0306272	1.653155	.0495241
#2	.0049176	1.341372	7.118171	.0319743	1.661541	.0485970
#3	.0040121	1.350500	7.049979	.0324160	1.661891	.0487199

Elem	Li6707
Units	ppm
Avg	.1342927
Stddev	.0029922
%RSD	2.228127
#1	.1376444
#2	.1318902
#3	.1333434

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2251.723	27815.53	2933.327	1909.502	1944.353
Stddev	3.384	46.07	8.623	.485	3.805
%RSD	.1502684	.1656101	.2939584	.0254251	.1957137
#1	2255.628	27839.54	2928.797	1909.793	1946.451
#2	2249.867	27844.64	2927.913	1909.771	1946.647
#3	2249.674	27762.42	2943.270	1908.941	1939.960

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-20 Acquired: 12/20/2024 22:25:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0796754	-.045314	.2114641	.0683886	.0248638	60.70938	1.118630
Stddev	.0031611	.001981	.0012900	.0013835	.0017253	.27274	.005670
%RSD	3.967499	4.371034	.6100179	2.022980	6.939009	.4492520	.5069057
#1	.0771322	-.043850	.2114052	.0676229	.0256916	60.40111	1.112183
#2	.0832146	-.047568	.2127824	.0699856	.0260192	60.80770	1.122847
#3	.0786795	-.044524	.2102045	.0675572	.0228805	60.91932	1.120859

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066413	.0038313	191.6647	.0935854	.1094795	.1987258	170.4639
Stddev	.0002199	.0001019	.8131	.0012457	.0004106	.0012758	.7299
%RSD	3.310801	2.659228	.4242526	1.331074	.3750608	.6420019	.4282076
#1	.0064433	.0038305	190.7680	.0929863	.1091246	.1973162	169.6326
#2	.0066029	.0039336	191.8720	.0950175	.1093848	.1998014	170.7594
#3	.0068779	.0037299	192.3541	.0927526	.1099292	.1990597	170.9998

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.197673	47.75025	.1567937	.0133948	1.427989	.1548664	.5996834
Stddev	.037518	.35935	.0006011	.0005086	.534214	.0020444	.0120156
%RSD	.4576656	.7525522	.3833410	3.797189	37.41026	1.320089	2.003661
#1	8.154402	47.36267	.1574256	.0136571	1.006423	.1532230	.5939387
#2	8.221135	47.81575	.1567264	.0137187	1.248776	.1542206	.5916185
#3	8.217481	48.07235	.1562292	.0128086	2.028767	.1571558	.6134930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.49727	8.310850	.0956032	.0036293	.9337022	9.605452	.0161909
Stddev	.09767	.021893	.0027689	.0004823	.0053069	.076635	.0025425
%RSD	.9304632	.2634233	2.896208	13.28859	.5683765	.7978280	15.70321
#1	10.48799	8.289708	.0947258	.0036759	.9310640	9.571198	.0147489
#2	10.40457	8.333423	.0933793	.0031254	.9398112	9.693239	.0146972
#3	10.59925	8.309418	.0987044	.0040866	.9302314	9.551918	.0191265

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-20 Acquired: 12/20/2024 22:25:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.045199	.0573513	.1110309
Stddev	.005804	.0002031	.0010164
%RSD	.5552963	.3541186	.9154306
#1	1.038607	.0574653	.1100166
#2	1.049541	.0571169	.1120495
#3	1.047450	.0574719	.1110266

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2164.792	26754.49	2834.454	1843.256	1986.128
Stddev	4.139	183.23	24.445	11.550	5.399
%RSD	.1911991	.6848403	.8624301	.6266336	.2718195
#1	2168.203	26898.90	2862.323	1856.172	1991.739
#2	2165.985	26816.19	2816.636	1839.681	1985.672
#3	2160.187	26548.38	2824.405	1833.916	1980.971

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-21 Acquired: 12/20/2024 22:29:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0781032	.0058424	.2113364	.0207816	.0049275	39.80662
Stddev	.0020667	.0009821	.0010506	.0045990	.0001651	.18668
%RSD	2.646105	16.80918	.4971104	22.12985	3.350340	.4689554
#1	.0798533	.0063633	.2102769	.0154940	.0049197	39.66436
#2	.0786333	.0047096	.2113546	.0230003	.0050963	39.73750
#3	.0758232	.0064542	.2123778	.0238507	.0047664	40.01800

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5737404	.0043932	.0026190	F 1313.186	.0659099	.1138061
Stddev	.0024017	.0000245	.0001239	12.688	.0005111	.0004254
%RSD	.4186017	.5575926	4.730591	.9662370	.7753939	.3737585
#1	.5721273	.0043745	.0025029	1307.034	.0656274	.1136806
#2	.5725934	.0043841	.0026047	1304.747	.0656025	.1142801
#3	.5765006	.0044209	.0027494	1327.778	.0664999	.1134576

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1898376	114.3047	11.33661	168.0623	.1114479	.0112067
Stddev	.0051608	.6400	.03534	.4197	.0013054	.0009859
%RSD	2.718518	.5599253	.3117017	.2497292	1.171261	8.797033
#1	.1894149	113.9707	11.32881	167.9242	.1118888	.0108073
#2	.1951967	113.9008	11.30582	167.7291	.1124758	.0123296
#3	.1849011	115.0427	11.37519	168.5337	.1099793	.0104832

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.417159	.0959111	.4693594	8.808125	7.348773	.0869210
Stddev	.579716	.0088004	.0036740	.150701	.011671	.0014690
%RSD	40.90690	9.175618	.7827694	1.710932	.1588168	1.690072
#1	2.063734	.0860108	.4652352	8.686956	7.353926	.0878976
#2	1.243961	.1028453	.4705603	8.976873	7.356980	.0852316
#3	.943783	.0988771	.4722826	8.760545	7.335412	.0876339

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-21 Acquired: 12/20/2024 22:29:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJZ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011414	5.144652	10.45264	.0178528	.6368801	1.103123
Stddev	.0001485	.005795	.10290	.0033678	.0027044	.003842
%RSD	13.00825	.1126351	.9844779	18.86396	.4246394	.3483097
#1	.0011199	5.150175	10.46645	.0201705	.6384046	1.102199
#2	.0010049	5.138620	10.34353	.0193982	.6384782	1.099827
#3	.0012995	5.145163	10.54794	.0139897	.6337576	1.107343

Elem	Li6707
Units	ppm
Avg	.0884418
Stddev	.0010151
%RSD	1.147803
#1	.0888422
#2	.0891956
#3	.0872875

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.953	24417.70	2676.835	1671.190	1742.075
Stddev	2.614	106.44	23.043	6.622	3.184
%RSD	.1327786	.4358993	.8608410	.3962723	.1827752
#1	1968.191	24498.29	2674.734	1674.656	1739.997
#2	1966.804	24297.05	2700.857	1663.554	1740.487
#3	1971.864	24457.77	2654.915	1675.359	1745.741

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-22 Acquired: 12/20/2024 22:33:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK10 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1129719	-.047927	1.192838	.0718537	.0247280	82.40922
Stddev	.0015139	.000957	.008367	.0033557	.0011612	.15140
%RSD	1.340048	1.997378	.7014368	4.670211	4.696002	.1837208
#1	.1144663	-.048829	1.184583	.0749937	.0236002	82.57939
#2	.1114392	-.048031	1.192617	.0683175	.0259200	82.28942
#3	.1130102	-.046922	1.201313	.0722500	.0246638	82.35887

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.218946	.0083921	.0063909	65.14682	.1309173	.1089932
Stddev	.002690	.0001253	.0000751	.05922	.0009805	.0007361
%RSD	.2206904	1.493232	1.174687	.0909068	.7489155	.6753742
#1	1.221969	.0083718	.0064743	65.18981	.1320268	.1092567
#2	1.216815	.0082781	.0063286	65.17137	.1305576	.1081616
#3	1.218055	.0085263	.0063699	65.07926	.1301675	.1095614

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3007031	144.8513	7.229455	25.77747	.2008631	.0123643
Stddev	.0060443	.2389	.004693	.07551	.0001354	.0007595
%RSD	2.010060	.1649478	.0649113	.2929315	.0674120	6.142548
#1	.3050421	145.1240	7.229433	25.73695	.2007214	.0127176
#2	.3032679	144.6789	7.234159	25.86460	.2008768	.0114925
#3	.2937993	144.7510	7.224774	25.73088	.2009912	.0128828

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6991345	.1881144	1.015288	10.26416	F 16.63066	.0872964
Stddev	.7681124	.0054733	.002998	.07513	.02223	.0003846
%RSD	109.8662	2.909548	.2952423	.7319378	.1336626	.4405651
#1	1.572427	.1943265	1.016952	10.34750	16.61174	.0870683
#2	.128261	.1840013	1.011828	10.24336	16.62510	.0870805
#3	.396716	.1860153	1.017084	10.20163	16.65514	.0877405

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5009-22 Acquired: 12/20/2024 22:33:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHK10 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055982	4.838220	9.993033	.0659586	1.230224	.0615786
Stddev	.0006170	.005612	.045084	.0028924	.004387	.0003640
%RSD	11.02211	.1159897	.4511535	4.385237	.3566292	.5910816
#1	.0062680	4.834581	10.04471	.0663501	1.235046	.0614463
#2	.0050528	4.835397	9.97267	.0686354	1.226468	.0612992
#3	.0054738	4.844683	9.96173	.0628904	1.229158	.0619902

Elem	Li6707
Units	ppm
Avg	.1277138
Stddev	.0006377
%RSD	.4993606
#1	.1270353
#2	.1283010
#3	.1278052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2286.224	28406.17	2950.456	1952.188	2033.289
Stddev	1.745	174.23	21.673	14.688	.542
%RSD	.0763216	.6133600	.7345704	.7523934	.0266789
#1	2287.050	28220.84	2929.002	1937.662	2033.640
#2	2287.402	28431.06	2950.024	1951.869	2033.563
#3	2284.219	28566.62	2972.342	1967.033	2032.664

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165301BL Acquired: 12/20/2024 22:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS301 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019415	.0014607	-.001982	.0000159	-.001355	-.004813
Stddev	.0027663	.0014146	.001526	.0029290	.000882	.033051
%RSD	142.4841	96.84732	76.99413	18378.98	65.11403	686.6497
#1	-.000356	.0020659	-.000981	-.003354	-.001157	-.028956
#2	.005012	-.000156	-.001227	.001454	-.002320	.032855
#3	.001168	.002472	-.003739	.001948	-.000589	-.018339

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001579	.0001051	.0000317	.0207189	-.000798	.0002977
Stddev	.000611	.0000351	.0000846	.0288575	.000621	.0001016
%RSD	38.70190	33.35663	266.6183	139.2809	77.77302	34.11547
#1	-.001543	.0000646	.0001161	-.003603	-.000132	.0002189
#2	-.002208	.0001256	-.000053	.052605	-.001361	.0002619
#3	-.000987	.0001251	.000032	.013154	-.000901	.0004123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009831	.0308245	.0015228	.0935759	.0002697	-.000086
Stddev	.0061931	.0586155	.0005891	.0822109	.0002404	.000398
%RSD	629.9325	190.1587	38.68866	87.85481	89.15390	464.1520
#1	.0051852	-.007595	.0010910	.1619337	.0004743	.000027
#2	.0038931	.001777	.0012834	.0023528	.0000049	-.000528
#3	-.006129	.098291	.0021940	.1164412	.0003299	.000244

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.409789	-.001882	-.002100	-.226375	-.002187	.0001240
Stddev	.375223	.003724	.004979	.146148	.003334	.0016799
%RSD	91.56485	197.9153	237.0435	64.56023	152.4171	1354.638
#1	-.106597	-.005761	-.007827	-.253039	-.000974	-.001816
#2	-.829430	-.001548	.001199	-.068730	.000370	.001111
#3	-.293341	.001664	.000327	-.357354	-.005958	.001077

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165301BL Acquired: 12/20/2024 22:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS301 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001477	-.004997	-.000621	F -.014172	.0011261	-.000027
Stddev	.0000757	.003599	.000368	.000350	.0008451	.000171
%RSD	51.29495	72.02853	59.38095	2.470457	75.04552	644.4427
#1	.0002232	-.001795	-.000486	-.013788	.0007908	.000169
#2	.0001480	-.004304	-.000338	-.014253	.0005001	-.000150
#3	.0000717	-.008893	-.001037	-.014475	.0020874	-.000098

Elem	Li6707
Units	ppm
Avg	.0024998
Stddev	.0015362
%RSD	61.45341
#1	.0009540
#2	.0025192
#3	.0040263

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.270	22678.40	2308.109	1561.550	2159.765
Stddev	1.557	25.94	19.970	2.686	1.203
%RSD	.0849617	.1143876	.8652263	.1720260	.0556846
#1	1834.022	22653.96	2330.143	1564.283	2159.787
#2	1831.742	22705.62	2302.982	1558.913	2158.551
#3	1831.046	22675.63	2291.202	1561.453	2160.956

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165301BS Acquired: 12/20/2024 22:41:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS301 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0210100	.0525341	.0175874	.0585649	.1008991	.4024012
Stddev	.0047406	.0002172	.0012148	.0032942	.0030251	.0114395
%RSD	22.56338	.4134103	6.907179	5.624816	2.998143	2.842805
#1	.0262825	.0526006	.0163530	.0609210	.0987277	.3893879
#2	.0170996	.0522915	.0176275	.0599730	.0996152	.4108705
#3	.0196479	.0527103	.0187816	.0548007	.1043544	.4069451

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4053494	.0103941	.0097595	10.02556	.0206757	.0998146
Stddev	.0008860	.0002640	.0000789	.10929	.0013014	.0005992
%RSD	.2185748	2.540058	.8081845	1.090076	6.294329	.6003377
#1	.4046788	.0101226	.0097755	10.01252	.0198522	.0994384
#2	.4050156	.0104097	.0096738	9.92338	.0221760	.0994997
#3	.4063538	.0106500	.0098291	10.14079	.0199988	.1005056

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507154	.1923198	.0316969	10.40041	.0771970	.0196721
Stddev	.0049977	.0370721	.0003530	.12503	.0002062	.0006580
%RSD	9.854466	19.27625	1.113577	1.202192	.2670513	3.344992
#1	.0558075	.2215438	.0314381	10.36064	.0774280	.0204289
#2	.0458177	.2047967	.0315535	10.30011	.0770318	.0193529
#3	.0505210	.1506190	.0320990	10.54049	.0771312	.0192346

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.21785	.1037514	.1096826	9.273926	.0142978	F -.002022
Stddev	.63697	.0049887	.0081905	.152371	.0020333	.002449
%RSD	6.233943	4.808290	7.467493	1.643008	14.22090	121.1206
#1	9.52902	.1007455	.1135084	9.425131	.0119524	-.004626
#2	10.33894	.1009987	.1002792	9.120415	.0153775	.000235
#3	10.78558	.1095099	.1152602	9.276233	.0155635	-.001675

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165301BS Acquired: 12/20/2024 22:41:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS301 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185696	.1727691	F .4837464	F -.000948	.2009966	.2085136
Stddev	.0003307	.0028146	.0083824	.000663	.0049297	.0013002
%RSD	1.781032	1.629127	1.732811	69.99923	2.452612	.6235771
#1	.0188920	.1758124	.4790654	-.000490	.1954991	.2079807
#2	.0185858	.1722351	.4787500	-.000645	.2024668	.2075645
#3	.0182311	.1702597	.4934239	-.001708	.2050238	.2099957

Elem	Li6707
Units	ppm
Avg	.0339321
Stddev	.0042055
%RSD	12.39381
#1	.0387880
#2	.0314721
#3	.0315361

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.058	22905.56	2327.290	1582.992	2162.400
Stddev	4.137	192.69	23.865	9.562	2.163
%RSD	.2242348	.8412258	1.025426	.6040319	.1000079
#1	1840.621	22964.19	2329.620	1589.190	2159.945
#2	1845.744	22690.37	2349.904	1571.980	2163.227
#3	1848.810	23062.13	2302.346	1587.807	2164.026

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-01DLX2 Acquired: 12/20/2024 22:45:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2646015	-.190751	.1115786	.1967784	.0877692	177.0911	.2525311
Stddev	.0065061	.003274	.0011871	.0018979	.0014958	.6222	.0007091
%RSD	2.458823	1.716150	1.063871	.9644943	1.704192	.3513278	.2807835
#1	.2693062	-.187149	.1127561	.1946650	.0874740	176.5174	.2527970
#2	.2673214	-.193544	.1115976	.1973326	.0864431	177.0035	.2517275
#3	.2571768	-.191560	.1103822	.1983375	.0893906	177.7525	.2530687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096026	.0030470	41.72605	.7486850	.3257323	1.034733	399.3387
Stddev	.0000881	.0001063	.18670	.0141806	.0009876	.011925	1.2151
%RSD	.9171910	3.490071	.4474393	1.894068	.3031781	1.152514	.3042725
#1	.0097033	.0030681	41.71613	.7421940	.3256382	1.028497	398.6887
#2	.0095399	.0029317	41.54451	.7389116	.3247952	1.048484	398.5869
#3	.0095647	.0031412	41.91751	.7649493	.3267636	1.027218	400.7405

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.508220	127.4098	.5017605	.0208983	.0578469	.9785721	.3339409
Stddev	.030365	.4952	.0017871	.0016045	.5299751	.0155947	.0035982
%RSD	.3568899	.3886764	.3561568	7.677597	916.1685	1.593621	1.077504
#1	8.508723	127.0667	.5012549	.0207840	-.112451	.9965270	.3344529
#2	8.477607	127.1852	.5002807	.0225569	-.366045	.9707820	.3372557
#3	8.538331	127.9775	.5037459	.0193541	.652037	.9684072	.3301141

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010660	2.012227	.0695586	-.001639	.2526412	4.294026	.0307219
Stddev	.125971	.011987	.0036202	.000830	.0022481	.034768	.0015609
%RSD	1181.734	.5957295	5.204523	50.66823	.8898403	.8096834	5.080781
#1	-.148641	2.010794	.0712853	-.002029	.2520905	4.266437	.0323888
#2	.098202	2.001021	.0719921	-.000685	.2551135	4.282562	.0304823
#3	.018459	2.024867	.0653983	-.002202	.2507197	4.333078	.0292947

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-01DLX2 Acquired: 12/20/2024 22:45:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.430697	-.240510	.0747345
Stddev	.014027	.000557	.0038414
%RSD	.2582915	.2314621	5.140037
#1	5.414676	-.240452	.0742730
#2	5.436645	-.239984	.0711447
#3	5.440770	-.241093	.0787857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.131	23797.41	2524.337	1643.818	2077.009
Stddev	3.169	255.84	8.058	12.399	.755
%RSD	.1622516	1.075088	.3192109	.7542595	.0363524
#1	1952.306	23936.83	2533.603	1648.505	2077.368
#2	1950.456	23953.26	2520.441	1653.191	2076.141
#3	1956.631	23502.14	2518.967	1629.760	2077.517

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-02DLX2 Acquired: 12/20/2024 22:49:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2647084	-.148186	.1444737	.1523601	.0697929	139.5095	.4266530
Stddev	.0074091	.002221	.0033004	.0062223	.0009950	1.4804	.0042546
%RSD	2.798966	1.499097	2.284425	4.083976	1.425663	1.061164	.9972020
#1	.2562633	-.145689	.1463778	.1454802	.0704997	138.0099	.4230742
#2	.2701163	-.149943	.1406627	.1540062	.0686550	139.5485	.4255277
#3	.2677457	-.148927	.1463805	.1575940	.0702239	140.9700	.4313571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086533	.0038255	38.04896	.5027351	.2198150	.7336963	319.2669
Stddev	.0000849	.0000348	.35573	.0214904	.0011076	.0082937	2.8457
%RSD	.9807097	.9085370	.9349344	4.274703	.5038770	1.130397	.8913212
#1	.0086332	.0038513	37.69239	.5257566	.2201221	.7284322	316.4446
#2	.0087464	.0038394	38.05065	.4832028	.2185862	.7293999	319.2206
#3	.0085803	.0037860	38.40385	.4992459	.2207366	.7432567	322.1354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.565268	96.86028	.3498655	.0171040	.2624577	.7644474	.4078623
Stddev	.040853	.74267	.0011837	.0017270	.6600093	.0034094	.0229211
%RSD	.7340619	.7667394	.3383369	10.09695	251.4726	.4459980	5.619821
#1	5.522462	96.16615	.3506548	.0151141	-.484764	.7606541	.4278537
#2	5.569506	96.77123	.3485044	.0179869	.506232	.7654319	.3828454
#3	5.603837	97.64345	.3504372	.0182111	.765904	.7672563	.4128878

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.260655	3.484737	.0605411	-.000916	.4221944	3.595323	.0208594
Stddev	.113499	.012408	.0059078	.000144	.0070763	.013162	.0004925
%RSD	1.563205	.3560811	9.758374	15.71863	1.676078	.3660732	2.360867
#1	7.158565	3.485594	.0538093	-.000852	.4230848	3.607554	.0210046
#2	7.382870	3.471922	.0629502	-.001081	.4147150	3.581395	.0212629
#3	7.240529	3.496695	.0648636	-.000815	.4287833	3.597021	.0203107

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-02DLX2 Acquired: 12/20/2024 22:49:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.944926	-.155123	.0719552
Stddev	.028606	.001223	.0022627
%RSD	.9713552	.7886684	3.144525
#1	2.915203	-.153942	.0743041
#2	2.947309	-.155043	.0697901
#3	2.972265	-.156384	.0717713

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.766	24513.17	2554.443	1701.988	2103.843
Stddev	4.417	903.37	7.085	61.228	2.483
%RSD	.2216702	3.685254	.2773439	3.597430	.1180268
#1	1993.491	23604.57	2556.601	1640.877	2102.744
#2	1988.032	25411.22	2560.199	1763.332	2102.098
#3	1996.777	24523.70	2546.531	1701.754	2106.686

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-03DLX2 Acquired: 12/20/2024 22:52:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2607351	-.144128	.1445954	.1495665	.0660825	134.7624	.4497271
Stddev	.0040037	.000738	.0034746	.0019025	.0007233	.6532	.0026186
%RSD	1.535554	.5123293	2.402981	1.271980	1.094612	.4846744	.5822543
#1	.2635719	-.143525	.1450209	.1492119	.0661609	134.5405	.4484256
#2	.2624781	-.143906	.1478377	.1516213	.0653231	135.4976	.4527414
#3	.2561554	-.144952	.1409277	.1478663	.0667635	134.2491	.4480143

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085766	.0037016	37.12262	.4873145	.2232791	.7236566	307.4941
Stddev	.0001300	.0000785	.11416	.0002133	.0010489	.0113594	1.4730
%RSD	1.515686	2.120339	.3075333	.0437704	.4697808	1.569720	.4790415
#1	.0084731	.0036487	37.06417	.4872326	.2231729	.7366272	306.6566
#2	.0087225	.0036643	37.25417	.4875566	.2243771	.7188622	309.1949
#3	.0085343	.0037918	37.04951	.4871543	.2222873	.7154805	306.6308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.594814	92.22340	.3427463	.0167634	.4168840	.7350091	.3952431
Stddev	.029619	.52675	.0002490	.0007730	.4384276	.0054063	.0071182
%RSD	.5293985	.5711685	.0726597	4.611015	105.1678	.7355410	1.800956
#1	5.582220	91.82270	.3430250	.0159667	.0608366	.7327654	.3887842
#2	5.628649	92.82004	.3425456	.0175102	.2832325	.7310860	.3940702
#3	5.573574	92.02745	.3426683	.0168133	.9065830	.7411760	.4028749

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.366695	3.188575	.0567001	-.000327	.3838631	3.949243	.0208862
Stddev	.053640	.004885	.0020161	.000315	.0016506	.009811	.0011014
%RSD	.7281436	.1531879	3.555737	96.12931	.4300038	.2484307	5.273189
#1	7.354293	3.182950	.0583307	-.000120	.3826614	3.937921	.0214660
#2	7.425450	3.191021	.0544459	-.000172	.3831826	3.955253	.0215765
#3	7.320342	3.191753	.0573238	-.000689	.3857451	3.954555	.0196160

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-03DLX2 Acquired: 12/20/2024 22:52:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.466907	-.147397	.0707642
Stddev	.024557	.000775	.0037273
%RSD	.7083229	.5258012	5.267243
#1	3.456712	-.146947	.0666553
#2	3.494919	-.148292	.0717094
#3	3.449089	-.146953	.0739279

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.384	24304.68	2559.714	1690.217	2092.494
Stddev	5.403	52.41	2.673	8.356	4.673
%RSD	.2728172	.2156249	.1044162	.4943560	.2233109
#1	1978.519	24245.38	2557.628	1683.392	2090.062
#2	1986.472	24323.88	2558.787	1699.536	2097.881
#3	1976.160	24344.78	2562.727	1687.724	2089.538

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-04DLX2 Acquired: 12/20/2024 22:56:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.139496	-.245914	.4025986	.2548080	.1132125	198.4466	.6246630
Stddev	.006079	.002285	.0013522	.0052615	.0049215	1.0030	.0019436
%RSD	.5335171	.9293776	.3358683	2.064882	4.347146	.5054375	.3111511
#1	1.137639	-.244377	.4013782	.2514104	.1079856	197.6655	.6231746
#2	1.134561	-.244824	.4023654	.2608686	.1138943	198.0964	.6239524
#3	1.146287	-.248540	.4040523	.2521450	.1177575	199.5777	.6268619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126313	.0125906	46.78529	.9150077	.4042978	2.716801	510.8076
Stddev	.0001941	.0001049	.24538	.0029581	.0015860	.005496	2.4907
%RSD	1.536340	.8332932	.5244814	.3232856	.3922835	.2022837	.4875952
#1	.0124079	.0126779	46.54291	.9167760	.4040651	2.714738	509.0566
#2	.0127587	.0124742	46.77940	.9166543	.4028409	2.712635	509.7072
#3	.0127271	.0126198	47.03357	.9115927	.4059872	2.723029	513.6589

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.89094	145.4765	.6544509	.0292924	.1505333	1.344949	.8267896
Stddev	.06850	.8239	.0022141	.0009331	.8076626	.004637	.0193382
%RSD	.6289467	.5663629	.3383084	3.185552	536.5342	.3447525	2.338955
#1	10.83698	145.1707	.6543615	.0284931	.7619884	1.340038	.8373226
#2	10.86783	144.8493	.6522828	.0290664	-.765039	1.345556	.8385747
#3	10.96800	146.4096	.6567082	.0303178	.454651	1.349252	.8044714

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.568573	2.130824	.0944466	-.001158	.3945496	5.439782	.0327660
Stddev	.136873	.006276	.0002860	.000389	.0046998	.040741	.0011222
%RSD	5.328749	.2945387	.3028570	33.60769	1.191188	.7489467	3.424824
#1	2.570841	2.132225	.0941941	-.000768	.3895156	5.405969	.0314702
#2	2.430580	2.123966	.0947573	-.001159	.3988223	5.428364	.0334153
#3	2.704298	2.136282	.0943884	-.001547	.3953108	5.485014	.0334125

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-04DLX2 Acquired: 12/20/2024 22:56:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.434739	-.301708	.0971892
Stddev	.002605	.001378	.0023636
%RSD	.1815961	.4567128	2.431962
#1	1.432517	-.300999	.0948612
#2	1.434093	-.300828	.0995869
#3	1.437606	-.303296	.0971195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.541	24851.68	2625.681	1720.368	2066.102
Stddev	5.737	34.02	23.299	5.393	5.509
%RSD	.2838159	.1369104	.8873618	.3134788	.2666462
#1	2015.097	24825.75	2640.148	1714.218	2060.485
#2	2023.433	24839.08	2638.091	1722.594	2071.497
#3	2026.094	24890.21	2598.804	1724.291	2066.324

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-05DLX2 Acquired: 12/20/2024 23:00:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9708528	-.239272	.7667334	.2458066	.1100827	238.6039	.3845518
Stddev	.0018168	.007777	.0014254	.0165699	.0075785	9.5312	.0172048
%RSD	.1871302	3.250189	.1859037	6.741030	6.884350	3.994583	4.473980
#1	.9712996	-.230890	.7662012	.2267236	.1032339	227.6067	.3646856
#2	.9688543	-.246252	.7656508	.2541479	.1182245	244.4768	.3945486
#3	.9724045	-.240675	.7683484	.2565483	.1087898	243.7282	.3944212

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0121488	.0203637	36.27822	1.075180	.3348499	3.221976	487.9580
Stddev	.0003170	.0004540	1.45232	.004329	.0003268	.123974	19.5943
%RSD	2.609490	2.229397	4.003275	.4025888	.0976034	3.847766	4.015569
#1	.0118843	.0208840	34.60204	1.071006	.3352265	3.079266	465.3673
#2	.0120618	.0200482	37.16153	1.074884	.3346394	3.303078	500.3409
#3	.0125002	.0201589	37.07109	1.079648	.3346840	3.283583	498.1658

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.639419	186.4161	.6580344	.0246755	.5305253	1.320686	1.448717
Stddev	.346763	7.4880	.0024266	.0034510	.4020905	.056282	.035168
%RSD	4.013728	4.016828	.3687670	13.98568	75.79101	4.261595	2.427544
#1	8.239061	177.7783	.6598776	.0207200	.5695458	1.255883	1.413502
#2	8.834153	191.0685	.6589404	.0270718	.9116830	1.357340	1.483838
#3	8.845042	190.4016	.6552851	.0262346	.1103471	1.348836	1.448810

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.696415	2.384806	.0778360	-.001681	.3382098	3.197134	.0346868
Stddev	.390347	.007177	.0084597	.000450	.0047796	.095042	.0029334
%RSD	10.56015	.3009521	10.86867	26.80606	1.413219	2.972727	8.456913
#1	3.250455	2.392803	.0682439	-.001160	.3331394	3.088113	.0313234
#2	3.976056	2.382689	.0842322	-.001942	.3388571	3.262540	.0360211
#3	3.862734	2.378925	.0810318	-.001939	.3426327	3.240751	.0367158

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-05DLX2 Acquired: 12/20/2024 23:00:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.095853	-.380604	.1186971
Stddev	.126429	.015315	.0091694
%RSD	4.083826	4.023986	7.725061
#1	2.949877	-.362931	.1083213
#2	3.167203	-.389994	.1220583
#3	3.170478	-.388887	.1257116

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.073	23740.93	2597.697	1648.939	2057.417
Stddev	6.108	208.19	85.901	18.915	3.452
%RSD	.3136980	.8769219	3.306812	1.147105	.1677987
#1	1941.363	23975.51	2696.827	1670.720	2053.946
#2	1946.343	23669.16	2545.153	1639.455	2057.453
#3	1953.513	23578.12	2551.111	1636.643	2060.851

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-06DLX2 Acquired: 12/20/2024 23:04:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2489663	-.217475	.1538661	.2231299	.0953311	201.8677	.2314735
Stddev	.0039637	.001681	.0033359	.0014018	.0016772	.1240	.0017300
%RSD	1.592042	.7731353	2.168043	.6282296	1.759346	.0614397	.7473850
#1	.2466949	-.218296	.1506177	.2246645	.0937003	201.7596	.2310639
#2	.2535431	-.215541	.1572831	.2219168	.0952418	202.0031	.2333715
#3	.2466609	-.218588	.1536976	.2228083	.0970511	201.8404	.2299851

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105145	.0036348	56.90936	.8053330	.3043201	.8321056	449.8551
Stddev	.0001339	.0001405	.08771	.0075324	.0009847	.0036700	.2892
%RSD	1.273142	3.864075	.1541236	.9353110	.3235760	.4410523	.0642864
#1	.0106388	.0036297	57.00929	.8053449	.3035726	.8342402	450.0863
#2	.0105319	.0037778	56.84512	.7977947	.3039519	.8278678	449.9482
#3	.0103728	.0034970	56.87367	.8128594	.3054359	.8342087	449.5308

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.463120	167.4162	.5216629	.0215082	.4546087	1.305877	.3258158
Stddev	.013509	.3074	.0007258	.0018602	.2200863	.004352	.0157610
%RSD	.1810155	.1835995	.1391226	8.648623	48.41226	.3332623	4.837400
#1	7.455939	167.7538	.5208683	.0202384	.2007359	1.300870	.3099601
#2	7.478704	167.3422	.5222908	.0236434	.5915185	1.308753	.3414804
#3	7.454718	167.1525	.5218296	.0206427	.5715716	1.308007	.3260069

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.835553	1.673674	.0785281	-.001570	.1116889	2.837117	.0311769
Stddev	.087844	.006296	.0021925	.000529	.0039718	.006952	.0002405
%RSD	10.51328	.3761605	2.792038	33.67566	3.556121	.2450407	.7712991
#1	-.877788	1.666550	.0797958	-.002094	.1133691	2.844680	.0310226
#2	-.894303	1.675982	.0797921	-.001578	.1145446	2.831004	.0310541
#3	-.734569	1.678490	.0759964	-.001037	.1071532	2.835668	.0314540

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-06DLX2 Acquired: 12/20/2024 23:04:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.100617	-.309126	.0985686
Stddev	.003525	.000958	.0023025
%RSD	.1136889	.3097897	2.335884
#1	3.101187	-.310230	.0959554
#2	3.096841	-.308626	.0994516
#3	3.103822	-.308521	.1002989

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1962.625	24041.43	2552.557	1666.250	2040.661
Stddev	4.040	144.35	2.669	9.587	1.315
%RSD	.2058387	.6004309	.1045609	.5753544	.0644433
#1	1960.629	24089.60	2550.582	1668.382	2041.968
#2	1959.972	24155.54	2551.497	1674.591	2039.338
#3	1967.274	23879.15	2555.594	1655.776	2040.678

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-07DLX2 Acquired: 12/20/2024 23:08:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6715676	-.201329	.3582485	.2111571	.0942658	201.5326	.4978826
Stddev	.0048466	.002830	.0017038	.0035026	.0001089	.5530	.0024822
%RSD	.7216831	1.405566	.4756023	1.658780	.1155252	.2744024	.4985558
#1	.6719486	-.201163	.3574342	.2095999	.0943913	200.9231	.4961272
#2	.6762124	-.198587	.3602067	.2151684	.0942099	201.6723	.4967980
#3	.6665417	-.204239	.3571046	.2087032	.0941963	202.0023	.5007225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108211	.0219514	36.96153	.8954053	.2875242	2.239291	419.6742
Stddev	.0001456	.0000952	.04021	.0008967	.0012791	.006778	1.1125
%RSD	1.345456	.4338791	.1088021	.1001501	.4448662	.3026869	.2650980
#1	.0106764	.0218718	36.91969	.8954978	.2863074	2.235939	418.3896
#2	.0109676	.0219253	36.99990	.8962523	.2874075	2.234842	420.3268
#3	.0108193	.0220569	36.96500	.8944659	.2888576	2.247092	420.3062

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.294347	149.0908	.5509623	.0222090	1.121212	1.126759	.9773416
Stddev	.019590	.5694	.0007134	.0007087	.497888	.003859	.0122303
%RSD	.2361851	.3818928	.1294759	3.190821	44.40627	.3424728	1.251386
#1	8.272052	148.4417	.5513016	.0214340	1.284527	1.124601	.9914042
#2	8.308807	149.5057	.5501426	.0228239	1.516932	1.131214	.9714337
#3	8.302183	149.3250	.5514427	.0223691	.562177	1.124462	.9691869

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.259473	2.066238	.0795607	-.001044	.4762200	4.257508	.0284700
Stddev	.205811	.010187	.0066577	.000566	.0105595	.034204	.0016631
%RSD	4.831849	.4930396	8.368061	54.19548	2.217368	.8033697	5.841682
#1	4.037622	2.058265	.0861548	-.001436	.4881736	4.220269	.0296256
#2	4.296609	2.062734	.0728412	-.001300	.4723261	4.287520	.0292205
#3	4.444188	2.077715	.0796861	-.000395	.4681603	4.264736	.0265639

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-07DLX2 Acquired: 12/20/2024 23:08:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.536793	-.310295	.1025865
Stddev	.010886	.000936	.0025478
%RSD	.4291184	.3017279	2.483611
#1	2.524247	-.309226	.1007488
#2	2.543740	-.310687	.1054950
#3	2.542392	-.310971	.1015156

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.341	24115.26	2556.871	1677.980	2061.834
Stddev	2.040	133.16	6.196	10.955	2.517
%RSD	.1036808	.5521819	.2423197	.6528456	.1220578
#1	1969.503	23968.61	2560.356	1666.758	2064.368
#2	1967.070	24148.58	2549.717	1678.536	2061.799
#3	1965.451	24228.60	2560.540	1688.646	2059.335

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-08DLX2 Acquired: 12/20/2024 23:11:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2830510	-.181027	.0870940	.1888541	.0846721	165.5889	.2799563
Stddev	.0023946	.001953	.0010704	.0035234	.0010326	.6003	.0016194
%RSD	.8460103	1.079069	1.229050	1.865656	1.219523	.3625006	.5784382
#1	.2803481	-.179301	.0881663	.1894001	.0835040	164.9679	.2780873
#2	.2838972	-.180632	.0870901	.1920725	.0850494	165.6327	.2809409
#3	.2849076	-.183148	.0860255	.1850895	.0854630	166.1660	.2808406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093282	.0023804	46.73951	.5040963	.3850951	.8520544	386.5114
Stddev	.0001982	.0001037	.10448	.0016797	.0004991	.0057698	1.6509
%RSD	2.124556	4.357115	.2235389	.3332002	.1296157	.6771641	.4271277
#1	.0095365	.0022611	46.64207	.5021569	.3847743	.8519842	384.6276
#2	.0093058	.0024306	46.72662	.5050806	.3848407	.8463200	387.2003
#3	.0091421	.0024494	46.84984	.5050515	.3856701	.8578589	387.7063

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.540771	125.7167	.4649083	.0214481	.2373864	.9038987	.2677317
Stddev	.026758	.7580	.0006033	.0006952	.6330106	.0045558	.0083477
%RSD	.3548465	.6029236	.1297655	3.241171	266.6583	.5040178	3.117940
#1	7.510357	124.8664	.4655140	.0209095	.5148107	.9025949	.2614667
#2	7.551265	126.3217	.4643074	.0222328	-.486970	.9089643	.2645203
#3	7.560692	125.9619	.4649035	.0212020	.684319	.9001369	.2772083

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9117120	2.543421	.0689079	-.001798	.1868599	3.320740	.0283927
Stddev	.0257919	.004711	.0022932	.000334	.0015420	.026925	.0009781
%RSD	2.828950	.1852306	3.327904	18.57448	.8252077	.8108120	3.444870
#1	.9296842	2.537992	.0670884	-.001983	.1852728	3.317582	.0294279
#2	.8821596	2.545836	.0714838	-.001412	.1883524	3.349105	.0274840
#3	.9232921	2.546435	.0681517	-.001998	.1869545	3.295533	.0282662

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-08DLX2 Acquired: 12/20/2024 23:11:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.727994	-.247430	.0599690
Stddev	.007586	.001215	.0031844
%RSD	.1604464	.4910006	5.310043
#1	4.720668	-.246098	.0614916
#2	4.735816	-.247716	.0621063
#3	4.727499	-.248477	.0563092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.915	23830.37	2513.113	1661.498	2064.811
Stddev	4.170	119.06	5.360	8.156	6.379
%RSD	.2145226	.4996063	.2132992	.4908822	.3089485
#1	1948.730	23912.70	2515.952	1668.432	2072.171
#2	1941.458	23884.55	2506.930	1663.552	2061.376
#3	1941.558	23693.86	2516.456	1652.512	2060.884

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-09DLX2 Acquired: 12/20/2024 23:15:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.038639	-.166469	1.063894	.1862898	.0801022	155.2105	.3927388
Stddev	.005412	.002632	.002992	.0073129	.0013503	.7173	.0021179
%RSD	.5210529	1.581348	.2811966	3.925555	1.685724	.4621412	.5392737
#1	1.037139	-.165658	1.060467	.1845263	.0801208	155.0670	.3918022
#2	1.034135	-.169411	1.065227	.1800199	.0814431	154.5758	.3912506
#3	1.044642	-.164337	1.065987	.1943232	.0787426	155.9887	.3951635

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090213	.0197742	33.42310	.6305032	.2301259	3.325520	353.1162
Stddev	.0000283	.0001576	.16614	.0021223	.0001221	.017666	1.8049
%RSD	.3141118	.7967865	.4970830	.3366043	.0530568	.5312365	.5111248
#1	.0090110	.0199287	33.38938	.6325591	.2302615	3.337275	352.4386
#2	.0089995	.0196137	33.27640	.6306303	.2300914	3.305204	351.7482
#3	.0090533	.0197802	33.60351	.6283202	.2300247	3.334081	355.1618

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.902352	118.1850	.3994183	.0261617	.7030484	.9168510	1.679720
Stddev	.028873	.6662	.0012993	.0005096	.1180976	.0031731	.010236
%RSD	.4891710	.5637128	.3253062	1.947986	16.79793	.3460861	.6093590
#1	5.895012	117.8124	.3995775	.0257771	.6256432	.9154927	1.679030
#2	5.877857	117.7885	.4006307	.0259682	.8389794	.9145831	1.669847
#3	5.934185	118.9542	.3980467	.0267397	.6445227	.9204771	1.690283

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.57310	2.640419	.0718415	-.000242	1.321097	3.058880	.0258749
Stddev	.08462	.008019	.0024407	.000195	.011885	.011724	.0011234
%RSD	.8003621	.3036937	3.397347	80.76273	.8996379	.3832832	4.341693
#1	10.48498	2.635894	.0740622	-.000105	1.308774	3.051829	.0264605
#2	10.65373	2.649678	.0722341	-.000466	1.322028	3.052396	.0245797
#3	10.58058	2.635686	.0692283	-.000155	1.332489	3.072414	.0265845

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-09DLX2 Acquired: 12/20/2024 23:15:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.674222	-.238793	.0801166
Stddev	.009692	.001004	.0055378
%RSD	.3624212	.4202764	6.912122
#1	2.671001	-.238609	.0823427
#2	2.666551	-.237894	.0738122
#3	2.685115	-.239876	.0841949

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.634	23538.98	2503.254	1642.498	2077.350
Stddev	8.675	60.08	11.299	5.466	6.159
%RSD	.4490850	.2552178	.4513788	.3327971	.2964596
#1	1939.129	23484.51	2511.188	1637.338	2081.358
#2	1922.132	23529.02	2508.257	1648.226	2070.258
#3	1933.642	23603.42	2490.317	1641.930	2080.433

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV084 Acquired: 12/20/2024 23:19:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.915270	4.787294	24.55162	4.829882	4.835314	402.0168	10.14504
Stddev	.009119	.015805	.06611	.010818	.007934	4.2016	.10839
%RSD	.1855159	.3301460	.2692495	.2239813	.1640928	1.045136	1.068436
#1	4.906264	4.805386	24.62709	4.831759	4.837505	397.1686	10.02102
#2	4.924497	4.776169	24.50398	4.818248	4.826515	404.5981	10.22168
#3	4.915048	4.780328	24.52379	4.839639	4.841923	404.2838	10.19241

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5051689	2.474574	403.1730	15.36040	2.476921	14.92892	406.7090
Stddev	.0042816	.005655	3.6802	.02775	.006589	.15000	4.7377
%RSD	.8475599	.2285225	.9127983	.1806724	.2660222	1.004768	1.164894
#1	.5003408	2.480741	398.9369	15.39175	2.484403	14.75597	401.3655
#2	.5066612	2.469633	404.9991	15.33898	2.471984	15.00725	410.3964
#3	.5085046	2.473347	405.5829	15.35046	2.474376	15.02354	408.3649

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91252	401.7124	2.500303	1.291011	405.3159	2.498435	14.65389
Stddev	.17042	5.0122	.007573	.001663	6.3646	.022253	.13559
%RSD	1.142807	1.247710	.3028644	.1287814	1.570269	.8906877	.9252711
#1	14.71984	396.1835	2.509045	1.292494	398.2206	2.474177	14.66699
#2	15.04348	405.9585	2.496073	1.291325	410.5218	2.517905	14.78245
#3	14.97423	402.9953	2.495789	1.289214	407.2054	2.503221	14.51223

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.9632	4.933796	4.884717	4.782925	4.967164	4.893169	4.925571
Stddev	1.5773	.014494	.054409	.009028	.009049	.040076	.017286
%RSD	1.051783	.2937685	1.113866	.1887446	.1821858	.8190118	.3509347
#1	148.1423	4.950000	4.826111	4.787927	4.976489	4.850801	4.943938
#2	150.9042	4.922068	4.894416	4.772504	4.966584	4.898237	4.909621
#3	150.8432	4.929319	4.933625	4.788345	4.958418	4.930470	4.923154

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV084 Acquired: 12/20/2024 23:19:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV084 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.998595	4.820864	5.022331
Stddev	.057468	.053245	.052346
%RSD	1.149681	1.104470	1.042271
#1	4.938162	4.760080	4.962128
#2	5.052549	4.859255	5.057109
#3	5.005073	4.843258	5.047756

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1540.061	20409.31	2265.486	1307.701	1761.537
Stddev	6.500	66.42	16.455	6.363	7.981
%RSD	.4220661	.3254249	.7263453	.4866027	.4530649
#1	1535.515	20334.46	2284.389	1303.924	1753.389
#2	1547.507	20432.29	2257.707	1304.132	1769.339
#3	1537.162	20461.19	2254.363	1315.048	1761.883

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB084 Acquired: 12/20/2024 23:23:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019143	.0007552	.0028016	.0011450	-.003815	.0088139
Stddev	.0015656	.0011696	.0022877	.0027327	.001413	.0132073
%RSD	81.78290	154.8642	81.65684	238.6593	37.02999	149.8464
#1	.0010722	.0006289	.0021450	.0012138	-.003845	.0088499
#2	.0009501	-.000346	.0053458	-.001621	-.005212	-.004411
#3	.0037207	.001983	.0009140	.003843	-.002388	.022003

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002545	.0000860	.0001783	.0603763	-.000051	.0001514
Stddev	.0012049	.0001014	.0000602	.0055382	.000795	.0001399
%RSD	473.3627	117.8870	33.75790	9.172804	1566.428	92.39552
#1	.0004754	-.000007	.0002454	.0569120	.000756	.0003108
#2	.0013337	.000071	.0001291	.0574532	-.000074	.0000951
#3	-.001045	.000194	.0001604	.0667636	-.000834	.0000485

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001533	.0169575	-.000008	.1036702	.0005721	.0008291
Stddev	.003273	.0325436	.002151	.0377525	.0003047	.0014039
%RSD	213.4537	191.9126	26989.92	36.41600	53.25717	169.3274
#1	-.000968	-.017302	.002436	.0602415	.0006856	.0024477
#2	.001420	.020716	-.001618	.1221103	.0008038	-.000056
#3	-.005052	.047459	-.000842	.1286586	.0002270	.000095

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5926814	-.012173	.0048768	-.122640	-.001547	.0143214
Stddev	.6694010	.009577	.0057717	.026506	.000689	.0038540
%RSD	112.9445	78.67241	118.3494	21.61255	44.56385	26.91050
#1	.0925032	-.005533	-.001580	-.092459	-.002287	.0126273
#2	1.353127	-.023151	.006676	-.142136	-.000923	.0187322
#3	.332414	-.007835	.009535	-.133324	-.001431	.0116046

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB084 Acquired: 12/20/2024 23:23:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB084 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003515	-.008035	-.003026	F -.011626	.0033046	.0001843
Stddev	.0002758	.003214	.000365	.000491	.0013690	.0001802
%RSD	78.47158	39.99975	12.05382	4.223103	41.42833	97.75092
#1	.0005050	-.004810	-.002680	-.011503	.0018860	.0003425
#2	.0000331	-.011238	-.003407	-.011208	.0034097	.0002223
#3	.0005165	-.008058	-.002991	-.012166	.0046180	-.000012

Elem	Li6707
Units	ppm
Avg	F .0229822
Stddev	.0026951
%RSD	11.72683
#1	.0198987
#2	.0248882
#3	.0241596

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1852.140	22759.73	2335.941	1572.255	2172.308
Stddev	3.114	148.81	12.020	14.788	3.933
%RSD	.1681049	.6538227	.5145808	.9405567	.1810364
#1	1850.520	22621.76	2342.933	1556.446	2169.190
#2	1855.729	22740.01	2322.062	1574.572	2176.726
#3	1850.170	22917.42	2342.829	1585.749	2171.007

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-10DLX2 Acquired: 12/20/2024 23:27:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6549880	-.193926	.3588911	.2151363	.0917886	195.0305	.5703229
Stddev	.0026598	.004965	.0021068	.0013502	.0027310	1.4146	.0051372
%RSD	.4060810	2.560021	.5870208	.6276065	2.975303	.7253308	.9007575
#1	.6520971	-.195224	.3590732	.2135773	.0926969	193.5837	.5649163
#2	.6555356	-.188441	.3609009	.2159169	.0887192	195.0972	.5709127
#3	.6573314	-.198113	.3566992	.2159149	.0939497	196.4105	.5751398

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113934	.0121882	52.14379	.9743154	.3629222	2.328201	414.6371
Stddev	.0001044	.0002362	.38345	.0018948	.0008502	.024572	3.2295
%RSD	.9160985	1.937856	.7353669	.1944736	.2342624	1.055404	.7788736
#1	.0112845	.0123959	51.80857	.9732377	.3623060	2.307099	411.4961
#2	.0114926	.0122376	52.06091	.9765032	.3638921	2.322326	414.4668
#3	.0114031	.0119313	52.56190	.9732052	.3625684	2.355178	417.9483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.683009	114.9672	.6582143	.0291607	.2570566	.8031267	.8378597
Stddev	.053398	.6827	.0017648	.0011749	.2965957	.0031845	.0178524
%RSD	.6950204	.5938298	.2681213	4.029197	115.3815	.3965113	2.130714
#1	7.622466	114.3684	.6576348	.0303183	.0475713	.8037682	.8351986
#2	7.703166	114.8226	.6601960	.0279691	.5964392	.7996703	.8568932
#3	7.723395	115.7107	.6568121	.0291948	.1271593	.8059416	.8214872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953346	2.918114	.0873716	-.000952	.9813264	4.619651	.0328037
Stddev	.146628	.002496	.0045191	.000466	.0109244	.014618	.0025692
%RSD	2.960189	.0855385	5.172293	48.92523	1.113225	.3164324	7.831967
#1	4.797046	2.916862	.0821609	-.001482	.9811919	4.606836	.0327708
#2	4.975128	2.920988	.0897347	-.000609	.9923175	4.616543	.0353891
#3	5.087866	2.916491	.0902192	-.000764	.9704700	4.635573	.0302511

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-10DLX2 Acquired: 12/20/2024 23:27:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.340013	-.204207	.0851634
Stddev	.040920	.001766	.0037709
%RSD	.9428561	.8648103	4.427854
#1	4.294323	-.202394	.0811478
#2	4.352426	-.204306	.0886293
#3	4.373289	-.205922	.0857130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1982.221	24160.77	2561.806	1676.646	2080.028
Stddev	2.348	171.44	4.504	12.707	.949
%RSD	.1184734	.7095847	.1758001	.7578943	.0456411
#1	1979.703	24163.92	2563.400	1675.165	2079.882
#2	1984.351	23987.78	2556.723	1664.744	2081.042
#3	1982.611	24330.62	2565.297	1690.029	2079.160

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-11DLX2 Acquired: 12/20/2024 23:30:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9154780	-.173451	.6959107	.1984754	.0847669	177.8995	.5388761
Stddev	.0028819	.003221	.0015155	.0040757	.0006778	.7860	.0023001
%RSD	.3147935	1.856943	.2177693	2.053523	.7996279	.4418428	.4268384
#1	.9186666	-.177167	.6944624	.2003576	.0844721	177.3913	.5363327
#2	.9130592	-.171736	.6957842	.1937987	.0842864	177.5024	.5394854
#3	.9147081	-.171450	.6974855	.2012700	.0855422	178.8049	.5408102

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105772	.0392271	38.76393	.8652671	.3389957	3.540342	382.5390
Stddev	.0001427	.0002187	.20508	.0071677	.0017653	.018775	1.5722
%RSD	1.348927	.5575247	.5290591	.8283784	.5207409	.5303093	.4109832
#1	.0104430	.0389936	38.54644	.8569965	.3371880	3.548902	381.7782
#2	.0105615	.0392606	38.79155	.8696740	.3390840	3.518813	381.4920
#3	.0107270	.0394272	38.95381	.8691307	.3407153	3.553312	384.3469

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.666714	111.0839	.5843091	.0294781	.6283734	.7344496	1.584643
Stddev	.035514	.4145	.0017461	.0013255	.4469363	.0064036	.010882
%RSD	.4097746	.3731306	.2988328	4.496697	71.12591	.8718838	.6867024
#1	8.650939	110.6181	.5825538	.0307635	.1165517	.7296635	1.581446
#2	8.641821	111.2214	.5843277	.0281158	.9415638	.7319615	1.596765
#3	8.707383	111.4122	.5860459	.0295551	.8270049	.7417238	1.575718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.615478	2.591552	.0703648	-.000955	.4513585	4.284997	.0303375
Stddev	.043508	.003598	.0013269	.000882	.0035849	.023631	.0003828
%RSD	.7747892	.1388251	1.885739	92.41114	.7942434	.5514755	1.261908
#1	5.585204	2.587658	.0718743	-.001358	.4554389	4.258576	.0305888
#2	5.595895	2.594752	.0698369	-.001563	.4499220	4.292302	.0305268
#3	5.665337	2.592245	.0693830	.000057	.4487148	4.304112	.0298969

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-11DLX2 Acquired: 12/20/2024 23:30:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZE9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.611357	-.215494	.0846840
Stddev	.029922	.000787	.0018131
%RSD	.6488786	.3651917	2.141049
#1	4.588147	-.215121	.0860205
#2	4.600796	-.214963	.0826201
#3	4.645128	-.216398	.0854115

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1978.407	24260.77	2547.114	1686.517	2091.458
Stddev	5.114	23.34	8.117	5.388	3.104
%RSD	.2584678	.0962004	.3186587	.3194662	.1484080
#1	1981.032	24282.37	2548.273	1681.406	2094.203
#2	1972.514	24263.93	2554.588	1686.002	2088.090
#3	1981.675	24236.01	2538.480	1692.144	2092.081

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-12DLX2 Acquired: 12/20/2024 23:34:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006587	-.196711	.9893813	.2092174	.0924682	187.9261	.3762208
Stddev	.002415	.001917	.0014537	.0022835	.0026394	1.0263	.0023592
%RSD	.2399509	.9743633	.1469260	1.091455	2.854378	.5461152	.6270897
#1	1.005561	-.198742	.9909987	.2104323	.0931896	188.2084	.3769597
#2	1.004854	-.194933	.9881838	.2106366	.0946718	188.7817	.3781221
#3	1.009346	-.196460	.9889614	.2065832	.0895431	186.7882	.3735805

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105053	.0189486	32.93721	.9208551	.3194044	3.280235	409.9637
Stddev	.0001433	.0001086	.21286	.0041764	.0008249	.017721	2.1001
%RSD	1.363827	.5730157	.6462491	.4535333	.2582590	.5402315	.5122642
#1	.0106636	.0188720	33.02835	.9256025	.3187570	3.287991	410.6730
#2	.0104678	.0189009	33.08933	.9192153	.3203331	3.292756	411.6172
#3	.0103846	.0190728	32.69397	.9177475	.3191229	3.259959	407.6008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.074478	137.1965	.6032670	.0316143	.7465114	.8636230	1.784638
Stddev	.028108	.6780	.0009660	.0017945	.8000270	.0137918	.014824
%RSD	.3973179	.4941861	.1601223	5.676070	107.1688	1.596967	.8306326
#1	7.085968	137.5009	.6042992	.0302007	1.062641	.8518422	1.788939
#2	7.095020	137.6689	.6031170	.0336331	1.340172	.8787936	1.796835
#3	7.042445	136.4196	.6023848	.0310090	-.163278	.8602332	1.768139

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.066945	2.817480	.0708638	-.001010	.5420514	3.138488	.0335991
Stddev	.076989	.004622	.0014019	.000269	.0097086	.019760	.0013192
%RSD	1.268998	.1640302	1.978318	26.64335	1.791078	.6296001	3.926280
#1	6.073108	2.812220	.0710462	-.000749	.5531881	3.152093	.0334305
#2	6.140667	2.820891	.0721655	-.001287	.5375945	3.147549	.0323724
#3	5.987059	2.819330	.0693796	-.000994	.5353714	3.115823	.0349945

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-12DLX2 Acquired: 12/20/2024 23:34:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.876039	-.293320	.0815765
Stddev	.037548	.001330	.0025586
%RSD	.7700446	.4535780	3.136459
#1	4.887063	-.293830	.0830296
#2	4.906840	-.294320	.0830777
#3	4.834213	-.291810	.0786222

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1902.021	23385.67	2461.063	1627.417	2052.252
Stddev	5.152	108.88	13.727	8.525	4.742
%RSD	.2708456	.4656010	.5577544	.5238237	.2310408
#1	1906.700	23355.48	2459.824	1626.321	2056.820
#2	1896.500	23295.07	2447.998	1619.493	2047.354
#3	1902.861	23506.46	2475.367	1636.436	2052.584

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-13DLX2 Acquired: 12/20/2024 23:38:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6515233	-.161981	.3506218	.1749230	.0773198	160.0453	.3979656
Stddev	.0078059	.002299	.0031484	.0027079	.0035075	.4698	.0022151
%RSD	1.198105	1.419291	.8979600	1.548071	4.536351	.2935282	.5565959
#1	.6442657	-.164127	.3505955	.1761398	.0810546	160.5572	.4001821
#2	.6597811	-.162261	.3474865	.1718202	.0768095	159.6338	.3979626
#3	.6505232	-.159554	.3537832	.1768091	.0740955	159.9450	.3957520

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090964	.0273842	31.26661	.6743382	.2728950	1.978714	343.8334
Stddev	.0002568	.0001963	.05972	.0011943	.0010543	.010278	1.0762
%RSD	2.823588	.7169686	.1909988	.1771118	.3863397	.5194518	.3129918
#1	.0093927	.0274145	31.30045	.6729800	.2718088	1.985296	345.0598
#2	.0089375	.0271745	31.19766	.6748098	.2729622	1.983975	343.3939
#3	.0089590	.0275637	31.30173	.6752246	.2739142	1.966870	343.0466

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.825918	107.8026	.4253865	.0214098	.4417396	.7285345	1.018017
Stddev	.039790	.5219	.0029136	.0007116	.1968158	.0034188	.034434
%RSD	.5084332	.4841359	.6849399	3.323883	44.55470	.4692706	3.382460
#1	7.871053	108.4043	.4246024	.0222284	.3870552	.7312853	.982985
#2	7.810788	107.4721	.4229451	.0210633	.2780487	.7247070	1.051820
#3	7.795913	107.5314	.4286119	.0209378	.6601150	.7296112	1.019246

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.194080	2.151061	.0631783	-.001006	.2905241	4.046152	.0247810
Stddev	.025110	.006491	.0023939	.000626	.0064419	.032824	.0010782
%RSD	.7861524	.3017574	3.789172	62.25037	2.217331	.8112304	4.350980
#1	3.212803	2.148622	.0605572	-.001182	.2891461	4.071805	.0250242
#2	3.203891	2.146143	.0637285	-.000311	.2975434	4.009163	.0257168
#3	3.165545	2.158418	.0652492	-.001526	.2848827	4.057489	.0236020

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-13DLX2 Acquired: 12/20/2024 23:38:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.028490	-.214214	.0714819
Stddev	.017440	.000566	.0051302
%RSD	.5758569	.2641921	7.176903
#1	3.048265	-.214730	.0671031
#2	3.021896	-.214303	.0702161
#3	3.015309	-.213609	.0771265

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.409	23722.26	2484.534	1644.425	2060.656
Stddev	4.512	141.80	20.423	13.416	3.396
%RSD	.2347077	.5977408	.8219975	.8158378	.1647963
#1	1922.648	23678.50	2461.001	1649.151	2061.488
#2	1926.798	23607.49	2497.617	1629.286	2063.558
#3	1917.783	23880.77	2494.985	1654.839	2056.921

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-14DLX2 Acquired: 12/20/2024 23:42:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8596562	-.179581	.7098621	.1921284	.0879814	173.6850	.4489230
Stddev	.0037645	.004082	.0046461	.0046695	.0006059	.4750	.0012355
%RSD	.4379120	2.273145	.6545065	2.430392	.6886756	.2735007	.2752106
#1	.8563063	-.183839	.7079284	.1878468	.0877296	173.2203	.4483501
#2	.8637301	-.179202	.7151627	.1914311	.0875420	174.1697	.4503409
#3	.8589321	-.175702	.7064952	.1971073	.0886726	173.6649	.4480779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104246	.0243229	32.90611	.8410022	.4415030	3.599903	387.6456
Stddev	.0001551	.0001235	.10837	.0028822	.0006174	.019892	1.3042
%RSD	1.487447	.5079550	.3293160	.3427114	.1398311	.5525648	.3364302
#1	.0105974	.0241948	32.82368	.8392825	.4418684	3.582971	386.7292
#2	.0102977	.0244414	32.86581	.8393944	.4418503	3.594929	389.1387
#3	.0103788	.0243325	33.02886	.8443296	.4407902	3.621810	387.0691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.970402	118.3581	.5322681	.0258794	.6562949	.7178055	1.353600
Stddev	.038620	.6355	.0006882	.0007981	.4608495	.0130948	.011047
%RSD	.4305285	.5369069	.1293045	3.084032	70.21988	1.824282	.8161077
#1	8.941033	118.1824	.5314793	.0250138	1.059766	.7329125	1.358919
#2	9.014148	119.0629	.5325785	.0260383	.154076	.7096967	1.360982
#3	8.956024	117.8290	.5327464	.0265861	.755043	.7108073	1.340900

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.456182	2.833397	.0805579	-.000708	.4556317	3.881264	.0295753
Stddev	.119964	.000279	.0060440	.000210	.0106027	.005220	.0004227
%RSD	2.692082	.0098446	7.502731	29.59985	2.327031	.1345027	1.429201
#1	4.593960	2.833471	.0735875	-.000609	.4479437	3.887000	.0290899
#2	4.374868	2.833088	.0837412	-.000949	.4512241	3.876791	.0298621
#3	4.399718	2.833631	.0843449	-.000567	.4677272	3.880001	.0297740

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-14DLX2 Acquired: 12/20/2024 23:42:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.576113	-.254342	.0787264
Stddev	.007260	.001007	.0031182
%RSD	.2030272	.3958615	3.960777
#1	3.570603	-.253406	.0790436
#2	3.584340	-.255408	.0754617
#3	3.573395	-.254213	.0816738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.480	23696.89	2484.758	1634.554	2058.384
Stddev	4.405	64.87	7.838	5.470	3.550
%RSD	.2296069	.2737550	.3154466	.3346738	.1724575
#1	1922.061	23770.11	2478.463	1639.336	2061.842
#2	1919.817	23673.99	2482.273	1628.589	2058.560
#3	1913.561	23646.57	2493.537	1635.737	2054.749

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-15DLX2 Acquired: 12/20/2024 23:46:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7984298	-.159602	.6187280	.1718291	.0780310	155.2934	.3952282
Stddev	.0037335	.003741	.0022145	.0041661	.0006397	1.0687	.0028099
%RSD	.4675993	2.343850	.3579034	2.424579	.8198353	.6882082	.7109538
#1	.7952524	-.157070	.6204110	.1678441	.0786525	154.2643	.3922047
#2	.7974951	-.157837	.6162193	.1714879	.0780660	155.2180	.3957205
#3	.8025417	-.163899	.6195537	.1761553	.0773745	156.3978	.3977595

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093303	.0218845	30.63718	.7024296	.4215317	3.392672	342.2082
Stddev	.0000861	.0000863	.30180	.0017620	.0009813	.010184	2.3203
%RSD	.9226993	.3943162	.9850700	.2508480	.2327922	.3001714	.6780418
#1	.0092730	.0219043	30.31894	.7008661	.4219761	3.391292	340.4926
#2	.0092885	.0219592	30.67332	.7043389	.4204068	3.383249	341.2837
#3	.0094293	.0217901	30.91928	.7020837	.4222122	3.403476	344.8482

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.634876	102.7403	.4555914	.0236545	-.023138	.6363429	1.189000
Stddev	.059941	.6588	.0011765	.0009450	.304041	.0015985	.010693
%RSD	.7850978	.6412448	.2582352	3.995184	1314.051	.2511964	.8993636
#1	7.571460	102.1639	.4551813	.0228293	.326923	.6357914	1.190949
#2	7.642566	102.5987	.4546748	.0234487	-.221268	.6350933	1.198584
#3	7.690601	103.4585	.4569180	.0246855	-.175068	.6381441	1.177465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.775515	2.474120	.0664969	-.000419	.4156269	4.387170	.0241631
Stddev	.074497	.010812	.0045226	.000595	.0051327	.029186	.0006690
%RSD	1.973157	.4369834	6.801232	141.8102	1.234936	.6652614	2.768864
#1	3.691350	2.469600	.0681360	.000235	.4147157	4.354672	.0236531
#2	3.802201	2.466303	.0613833	-.000928	.4211541	4.395690	.0239155
#3	3.832992	2.486458	.0699714	-.000565	.4110107	4.411148	.0249206

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-15DLX2 Acquired: 12/20/2024 23:46:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.465620	-.216065	.0710209
Stddev	.027957	.001613	.0028319
%RSD	.8066989	.7463456	3.987450
#1	3.447207	-.215257	.0711653
#2	3.451864	-.215016	.0681196
#3	3.497790	-.217922	.0737779

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.999	23615.67	2470.527	1629.736	2060.350
Stddev	5.758	33.51	11.263	3.893	5.086
%RSD	.3004965	.1419088	.4559102	.2388940	.2468321
#1	1914.121	23602.06	2482.103	1626.773	2058.122
#2	1911.414	23591.10	2469.874	1628.290	2056.759
#3	1922.461	23653.84	2459.604	1634.146	2066.169

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-16DLX2 Acquired: 12/20/2024 23:49:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3417752	-.156719	.1364621	.1651292	.0695304	150.5747	.3219475
Stddev	.0026774	.003879	.0024576	.0047334	.0016746	.9110	.0016592
%RSD	.7833703	2.474860	1.800961	2.866499	2.408383	.6050459	.5153621
#1	.3438185	-.160164	.1364575	.1649114	.0676993	149.6443	.3207308
#2	.3387443	-.157474	.1340068	.1699678	.0709838	151.4651	.3238375
#3	.3427627	-.152518	.1389221	.1605084	.0699082	150.6146	.3212741

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0088357	.0035612	38.18159	.5440091	.2693758	.7519262	332.5615
Stddev	.0000929	.0002244	.29274	.0016380	.0018482	.0032642	1.8235
%RSD	1.050979	6.299833	.7667158	.3011039	.6861083	.4341072	.5483144
#1	.0088727	.0037825	37.84357	.5458556	.2683415	.7483393	330.5877
#2	.0089043	.0033340	38.35279	.5427309	.2715096	.7527170	334.1834
#3	.0087300	.0035670	38.34841	.5434409	.2682763	.7547224	332.9133

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.396820	108.9158	.4255595	.0174623	.7670411	.7493160	.3443611
Stddev	.045753	.4481	.0030552	.0010644	.5773519	.0102980	.0101286
%RSD	.6185432	.4114441	.7179369	6.095182	75.27001	1.374314	2.941276
#1	7.348198	108.4994	.4231093	.0175140	1.433658	.7513616	.3381344
#2	7.439026	109.3901	.4289828	.0184999	.440914	.7381487	.3389006
#3	7.403236	108.8580	.4245864	.0163730	.426552	.7584376	.3560482

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.679408	2.592081	.0612811	-.000816	.2918597	3.916037	.0230717
Stddev	.123470	.022998	.0061127	.000488	.0031476	.030798	.0009448
%RSD	2.638590	.8872499	9.974817	59.76175	1.078451	.7864542	4.095127
#1	4.722843	2.572390	.0627449	-.000254	.2889396	3.912905	.0228431
#2	4.775291	2.617357	.0545694	-.001130	.2914458	3.948282	.0241098
#3	4.540089	2.586496	.0665290	-.001065	.2951938	3.886926	.0222622

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-16DLX2 Acquired: 12/20/2024 23:49:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.111703	-.181795	.0600906
Stddev	.016347	.001105	.0020471
%RSD	.5253467	.6076832	3.406624
#1	3.093066	-.180554	.0587472
#2	3.123612	-.182672	.0624466
#3	3.118432	-.182158	.0590780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.841	23617.21	2480.361	1636.603	2061.357
Stddev	10.142	57.31	13.589	7.163	9.781
%RSD	.5247279	.2426554	.5478555	.4376449	.4744949
#1	1940.031	23671.75	2488.098	1641.608	2066.604
#2	1921.240	23622.38	2464.671	1639.803	2050.072
#3	1937.252	23557.49	2488.316	1628.399	2067.395

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-17DLX2 Acquired: 12/20/2024 23:53:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4371896	-.199636	.1562844	.2141303	.0971516	192.0941	.3738182
Stddev	.0039935	.003218	.0000568	.0049260	.0041277	.3362	.0006438
%RSD	.9134498	1.611769	.0363668	2.300474	4.248698	.1750056	.1722336
#1	.4329787	-.196025	.1562801	.2087049	.0924450	191.8702	.3740649
#2	.4409228	-.200683	.1563433	.2153632	.1001557	191.9313	.3730875
#3	.4376672	-.202200	.1562299	.2183227	.0988542	192.4806	.3743022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111073	.0043711	46.77236	.5996913	.3164905	.8894737	438.2613
Stddev	.0002015	.0001235	.09079	.0011405	.0002726	.0056885	.8115
%RSD	1.814535	2.825595	.1941066	.1901866	.0861214	.6395387	.1851530
#1	.0113022	.0044463	46.70631	.6010041	.3167911	.8850724	437.3735
#2	.0111200	.0044385	46.73489	.5991255	.3164212	.8874517	438.4459
#3	.0108997	.0042286	46.87589	.5989443	.3162593	.8958970	438.9646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.56790	135.1683	.5051830	.0216760	1.142002	.9332170	.4005269
Stddev	.01177	.3609	.0009005	.0013649	.714243	.0016657	.0075318
%RSD	.1017167	.2670122	.1782609	6.296828	62.54307	.1784846	1.880475
#1	11.55486	134.8341	.5050022	.0201462	.347709	.9313144	.3952275
#2	11.57112	135.1197	.5061602	.0227690	1.731417	.9339250	.3972046
#3	11.57772	135.5510	.5043866	.0221128	1.346882	.9344118	.4091487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.156204	3.629857	.0807410	-.000825	.3489956	2.222472	.0308533
Stddev	.027201	.003380	.0022254	.000511	.0038055	.014268	.0027690
%RSD	.5275395	.0931283	2.756175	61.89381	1.090420	.6420096	8.974775
#1	5.146793	3.629628	.0781789	-.001369	.3448969	2.235346	.0279087
#2	5.186860	3.633346	.0818517	-.000356	.3524170	2.207131	.0312465
#3	5.134957	3.626597	.0821923	-.000751	.3496730	2.224939	.0334046

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-17DLX2 Acquired: 12/20/2024 23:53:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.587175	-.224913	.0738305
Stddev	.002409	.000742	.0025716
%RSD	.0671530	.3297303	3.483105
#1	3.584484	-.224128	.0731302
#2	3.589131	-.225010	.0716816
#3	3.587909	-.225602	.0766797

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.017	24462.58	2596.830	1693.548	2084.253
Stddev	1.742	39.21	13.594	6.393	1.603
%RSD	.0872086	.1602753	.5234760	.3774809	.0769234
#1	1998.894	24438.81	2581.432	1686.565	2082.916
#2	1999.147	24441.10	2607.168	1694.966	2086.031
#3	1996.011	24507.83	2601.890	1699.113	2083.813

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-18DLX2 Acquired: 12/20/2024 23:57:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4097857	-.187118	.1583908	.2009137	.0876725	177.7813	.3498759
Stddev	.0055980	.005094	.0027139	.0137471	.0052176	6.7018	.0148532
%RSD	1.366078	2.722428	1.713437	6.842286	5.951212	3.769678	4.245278
#1	.4162140	-.192822	.1596543	.2150750	.0916110	184.2929	.3643307
#2	.4071591	-.185510	.1602426	.1876221	.0817549	170.9043	.3346540
#3	.4059840	-.183022	.1552755	.2000440	.0896516	178.1467	.3506430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0104248	.0042746	43.65597	.5598041	.3084178	.8692729	408.0159
Stddev	.0005410	.0002346	1.59281	.0031567	.0004481	.0334554	15.6665
%RSD	5.189913	5.488010	3.648552	.5638999	.1452742	3.848662	3.839686
#1	.0110237	.0040038	45.21024	.5626491	.3082067	.9062308	423.0498
#2	.0099714	.0044142	42.02723	.5603551	.3081144	.8410549	391.7853
#3	.0102792	.0044059	43.73045	.5564082	.3089325	.8605329	409.2124

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.04948	122.3202	.4530746	.0212412	.5402607	.9056722	.3857242
Stddev	.42933	4.9190	.0005652	.0039177	.6795159	.0363417	.0093499
%RSD	3.885497	4.021382	.1247372	18.44358	125.7756	4.012677	2.423985
#1	11.45402	127.0471	.4527091	.0250066	1.302457	.9431175	.3913330
#2	10.59905	117.2294	.4527892	.0171873	.320516	.8705451	.3909090
#3	11.09538	122.6841	.4537256	.0215298	-.002190	.9033539	.3749306

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.668891	3.277760	.0769535	-.000478	.3906753	4.228166	.0297741
Stddev	.295177	.013457	.0032725	.000775	.0025680	.175663	.0018085
%RSD	6.322208	.4105567	4.252541	162.2904	.6573311	4.154602	6.074227
#1	4.997274	3.285400	.0787588	-.000807	.3890304	4.410274	.0314458
#2	4.425623	3.262222	.0731760	-.001034	.3936344	4.059748	.0278544
#3	4.583776	3.285658	.0789256	.000408	.3893610	4.214476	.0300223

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-18DLX2 Acquired: 12/20/2024 23:57:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.150522	-.164083	.0637480
Stddev	.152672	.005965	.0018360
%RSD	3.678371	3.635229	2.880060
#1	4.297586	-.170056	.0657878
#2	3.992801	-.158126	.0622278
#3	4.161178	-.164068	.0632285

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.065	23975.86	2545.086	1663.051	2055.412
Stddev	3.105	43.86	101.489	4.530	4.337
%RSD	.1588974	.1829511	3.987629	.2724065	.2110157
#1	1957.646	23948.58	2443.213	1662.263	2056.546
#2	1952.433	23952.53	2646.186	1658.966	2059.070
#3	1952.116	24026.45	2545.859	1667.924	2050.621

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-19DLX2 Acquired: 12/21/2024 0:01:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4113712	-.171014	.1332807	.1843164	.0777026	154.6077	.3185676
Stddev	.0034590	.003767	.0016544	.0056942	.0031813	4.5659	.0098735
%RSD	.8408497	2.202816	1.241278	3.089366	4.094199	2.953199	3.099330
#1	.4113664	-.167018	.1330425	.1808900	.0747470	151.9153	.3125891
#2	.4079145	-.171521	.1350413	.1908895	.0810696	159.8795	.3299639
#3	.4148326	-.174501	.1317584	.1811698	.0772913	152.0283	.3131498

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095812	.0035412	39.58263	.4360766	.2511017	.7418004	369.9549
Stddev	.0003766	.0002983	1.18342	.0013405	.0014135	.0209018	10.4023
%RSD	3.930923	8.422947	2.989757	.3074059	.5629249	2.817716	2.811788
#1	.0092897	.0035261	38.93481	.4363188	.2519646	.7324047	363.2572
#2	.0100064	.0032508	40.94853	.4346315	.2494704	.7657512	381.9388
#3	.0094474	.0038468	38.86455	.4372796	.2518700	.7272452	364.6687

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.662774	105.2998	.3820323	.0192583	.7046737	.8217891	.3318849
Stddev	.286725	2.9024	.0012314	.0016126	.4164371	.0300573	.0072021
%RSD	2.967313	2.756307	.3223240	8.373627	59.09645	3.657541	2.170060
#1	9.484858	103.4589	.3834227	.0179102	.9226281	.8031609	.3264275
#2	9.993539	108.6455	.3810796	.0210448	.2244933	.8564642	.3291790
#3	9.509926	103.7949	.3815946	.0188200	.9668996	.8057421	.3400480

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.401776	2.966647	.0721969	-.001090	.3031974	4.178758	.0252228
Stddev	.165713	.012319	.0028015	.000602	.0013433	.138233	.0008549
%RSD	4.871365	.4152583	3.880414	55.27803	.4430377	3.307995	3.389558
#1	3.285509	2.969037	.0698121	-.000723	.3025291	4.107052	.0246206
#2	3.591523	2.953308	.0752822	-.001785	.3023194	4.338110	.0262014
#3	3.328296	2.977597	.0714965	-.000761	.3047438	4.091111	.0248465

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-19DLX2 Acquired: 12/21/2024 0:01:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.878527	-.187873	.0596839
Stddev	.084917	.005057	.0036704
%RSD	2.949999	2.691789	6.149655
#1	2.819404	-.184190	.0563434
#2	2.975832	-.193639	.0636130
#3	2.840345	-.185790	.0590953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1942.420	23730.43	2504.528	1651.865	2056.460
Stddev	3.390	120.82	70.117	6.300	3.723
%RSD	.1745276	.5091168	2.799596	.3814009	.1810173
#1	1940.521	23682.57	2531.718	1649.500	2055.664
#2	1946.334	23867.84	2424.889	1659.005	2060.516
#3	1940.405	23640.88	2556.978	1647.088	2053.200

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-20DLX2 Acquired: 12/21/2024 0:05:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7222182	-.207055	.4987486	.2130999	.0975769	208.2525	.4274298
Stddev	.0028319	.003113	.0029963	.0065957	.0015146	.3942	.0023145
%RSD	.3921072	1.503614	.6007630	3.095137	1.552219	.1893010	.5414963
#1	.7251011	-.208590	.4968034	.2170752	.0989750	208.0363	.4264418
#2	.7194403	-.209104	.4972433	.2054863	.0977877	208.7075	.4300744
#3	.7221132	-.203473	.5021991	.2167382	.0959679	208.0136	.4257733

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110416	.0169171	33.59952	.9042641	.3029442	2.194991	430.0956
Stddev	.0002300	.0000573	.09307	.0031849	.0011288	.012653	.2390
%RSD	2.082825	.3388314	.2770023	.3522073	.3725937	.5764425	.0555715
#1	.0113025	.0169038	33.53828	.9068926	.3016763	2.187149	430.0180
#2	.0109538	.0168677	33.70663	.9051775	.3033166	2.209588	430.3638
#3	.0108685	.0169800	33.55366	.9007224	.3038397	2.188237	429.9051

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.966194	154.0312	.5515638	.0208777	.7556074	1.188881	1.071746
Stddev	.025738	.2036	.0016231	.0007566	.6130695	.009123	.011551
%RSD	.3230892	.1321519	.2942670	3.623701	81.13599	.7673515	1.077730
#1	7.944383	153.9318	.5505308	.0207147	.4829870	1.189395	1.066820
#2	7.994582	154.2653	.5507260	.0202160	.3261324	1.197735	1.063476
#3	7.959618	153.8964	.5534345	.0217025	1.457703	1.179511	1.084943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.505778	2.088546	.0775166	-.001659	.3870730	5.828933	.0290547
Stddev	.059493	.017461	.0056134	.000189	.0071204	.043194	.0007956
%RSD	2.374219	.8360312	7.241574	11.42140	1.839549	.7410229	2.738294
#1	2.527453	2.071933	.0760932	-.001479	.3878367	5.875587	.0283853
#2	2.551394	2.086959	.0727519	-.001856	.3937809	5.820879	.0288446
#3	2.438487	2.106746	.0837047	-.001642	.3796016	5.790333	.0299343

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-20DLX2 Acquired: 12/21/2024 0:05:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.924169	-.316994	.1080653
Stddev	.012261	.000196	.0045799
%RSD	.4192920	.0617165	4.238045
#1	2.917953	-.317159	.1079471
#2	2.938293	-.316778	.1127031
#3	2.916262	-.317046	.1035457

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.632	23819.45	2521.393	1646.709	2056.849
Stddev	4.801	78.83	19.902	6.838	6.607
%RSD	.2458922	.3309478	.7893280	.4152401	.3211971
#1	1957.829	23731.46	2499.290	1639.111	2064.473
#2	1951.706	23883.65	2526.996	1648.649	2053.244
#3	1948.361	23843.23	2537.893	1652.367	2052.829

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-21DLX2 Acquired: 12/21/2024 0:08:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6994972	-.201692	.4848647	.2025456	.0918886	198.4385	.4069322
Stddev	.0083860	.007179	.0054944	.0146160	.0036880	6.6156	.0139452
%RSD	1.198865	3.559259	1.133176	7.216131	4.013556	3.333817	3.426915
#1	.6898150	-.196304	.4810900	.1859581	.0885966	190.8045	.3909235
#2	.7044635	-.209842	.4823360	.2135349	.0958741	202.4943	.4164400
#3	.7042132	-.198931	.4911681	.2081439	.0911950	202.0168	.4134330

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106268	.0166142	31.98806	.8759918	.2946978	2.099577	411.1290
Stddev	.0003689	.0003595	1.02472	.0021498	.0006017	.085080	13.8861
%RSD	3.471677	2.163899	3.203457	.2454116	.2041665	4.052226	3.377558
#1	.0102087	.0170017	30.80575	.8769665	.2940219	2.001952	395.1022
#2	.0109065	.0162915	32.62007	.8735273	.2948963	2.138871	419.5677
#3	.0107652	.0165494	32.53836	.8774816	.2951751	2.157908	418.7170

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.598601	146.7868	.5373316	.0195431	.2419226	1.125082	1.033496
Stddev	.250255	4.6286	.0019606	.0033200	.2350773	.035056	.014870
%RSD	3.293440	3.153255	.3648713	16.98818	97.17047	3.115825	1.438771
#1	7.310786	141.4501	.5358117	.0157178	.3348011	1.084912	1.046875
#2	7.764867	149.7079	.5366385	.0212366	.4163714	1.140840	1.036126
#3	7.720149	149.2022	.5395446	.0216749	-.025405	1.149493	1.017487

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.358631	2.021211	.0754637	-.001594	.3775208	5.541859	.0280862
Stddev	.237095	.004241	.0073353	.000448	.0023433	.158148	.0005572
%RSD	10.05222	.2098439	9.720337	28.12369	.6206970	2.853706	1.983879
#1	2.093515	2.017678	.0672099	-.001109	.3755135	5.360470	.0283067
#2	2.550341	2.020041	.0812379	-.001993	.3800957	5.614267	.0284993
#3	2.432037	2.025915	.0779432	-.001681	.3769532	5.650840	.0274525

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-21DLX2 Acquired: 12/21/2024 0:08:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.782909	-.303234	.1036963
Stddev	.082511	.010237	.0020467
%RSD	2.964930	3.375857	1.973721
#1	2.688766	-.291418	.1016031
#2	2.842670	-.309402	.1037928
#3	2.817290	-.308883	.1056931

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1950.696	23787.81	2567.954	1649.898	2062.320
Stddev	4.431	85.36	66.856	4.738	3.211
%RSD	.2271576	.3588426	2.603460	.2871681	.1557091
#1	1955.218	23707.47	2644.937	1647.383	2064.963
#2	1950.509	23877.43	2534.463	1655.364	2063.250
#3	1946.362	23778.54	2524.463	1646.949	2058.746

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-20LDLX10 Acquired: 12/21/2024 0:12:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1490505	-.039864	.1001708	.0479385	.0185457	43.13954	.0887125
Stddev	.0012293	.002536	.0034503	.0039379	.0010059	.20919	.0008650
%RSD	.8247580	6.362217	3.444456	8.214412	5.424078	.4849187	.9750668
#1	.1478258	-.037498	.0995928	.0448337	.0194924	42.98905	.0894053
#2	.1490414	-.039553	.0970460	.0466139	.0174895	43.05115	.0877430
#3	.1502843	-.042542	.1038737	.0523679	.0186553	43.37842	.0889892

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024552	.0032852	7.041117	.1872074	.0612836	.4633804	91.40494
Stddev	.0000685	.0001235	.039654	.0004253	.0005391	.0084625	.45797
%RSD	2.788247	3.758548	.5631773	.2271522	.8797622	1.826259	.5010297
#1	.0025113	.0031434	7.044165	.1868423	.0608348	.4540393	91.12147
#2	.0024754	.0033688	7.000027	.1876743	.0611343	.4655664	91.16006
#3	.0023789	.0033435	7.079159	.1871057	.0618817	.4705354	91.93328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.691752	32.23400	.1104427	.0045583	.0988119	.2443896	.2293274
Stddev	.006319	.17943	.0004679	.0011644	.3373558	.0103243	.0046411
%RSD	.3735005	.5566413	.4236211	25.54441	341.4122	4.224521	2.023771
#1	1.684877	32.14091	.1109712	.0033682	.3897711	.2498690	.2342204
#2	1.697305	32.12026	.1100816	.0046115	-.270980	.2508190	.2287737
#3	1.693075	32.44085	.1102752	.0056951	.177644	.2324808	.2249880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1585840	.3987085	.0144286	-.001072	.0705253	1.238668	.0028278
Stddev	.0431351	.0023560	.0007306	.000472	.0016635	.003273	.0021101
%RSD	27.20013	.5909036	5.063703	44.07190	2.358715	.2642566	74.62231
#1	.1099119	.3971017	.0146605	-.001610	.0711696	1.242195	.0004157
#2	.1920798	.3976107	.0150151	-.000879	.0686361	1.235728	.0037352
#3	.1737602	.4014130	.0136102	-.000727	.0717703	1.238081	.0043324

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-20LDLX10 Acquired: 12/21/2024 0:12:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6115902	-.067565	.0292701
Stddev	.0031449	.000338	.0061919
%RSD	.5142193	.4999406	21.15430
#1	.6079588	-.067315	.0364148
#2	.6133961	-.067430	.0259304
#3	.6134157	-.067949	.0254651

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1879.213	23129.23	2399.774	1602.484	2134.844
Stddev	7.778	73.84	1.498	9.848	8.903
%RSD	.4138785	.3192348	.0624087	.6145234	.4170214
#1	1873.104	23206.77	2401.503	1605.645	2125.121
#2	1876.567	23059.75	2398.893	1591.444	2136.816
#3	1887.968	23121.18	2398.924	1610.363	2142.596

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-22DLX2 Acquired: 12/21/2024 0:16:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7107628	-.208182	.4958875	.2142353	.0957941	206.7782	.4242600
Stddev	.0077690	.006001	.0019841	.0007031	.0021024	.8701	.0035347
%RSD	1.093045	2.882434	.4001041	.3281841	2.194675	.4207912	.8331511
#1	.7104813	-.213997	.4975920	.2140112	.0975916	206.2311	.4213886
#2	.7031384	-.208539	.4937095	.2150232	.0934823	207.7816	.4282078
#3	.7186687	-.202012	.4963610	.2136716	.0963085	206.3220	.4231836

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109649	.0167824	33.57383	.8960216	.3025561	2.180090	428.0871
Stddev	.0002195	.0004410	.15847	.0042633	.0025299	.013729	2.1123
%RSD	2.002233	2.627620	.4719993	.4757993	.8361888	.6297645	.4934266
#1	.0111152	.0172641	33.50402	.8914684	.3054545	2.175374	426.9487
#2	.0110664	.0163985	33.75522	.8999189	.3007908	2.195556	430.5244
#3	.0107129	.0166846	33.46225	.8966774	.3014230	2.169340	426.7882

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.907977	153.0697	.5540055	.0218512	.5276975	1.172323	1.071686
Stddev	.042262	.9562	.0049212	.0015683	.2015344	.007116	.020472
%RSD	.5344277	.6246883	.8882998	7.177224	38.19128	.6069832	1.910272
#1	7.871210	152.4679	.5595410	.0236468	.5769862	1.167650	1.051800
#2	7.954150	154.1723	.5501255	.0207496	.7000152	1.168807	1.070559
#3	7.898572	152.5688	.5523500	.0211574	.3060910	1.180512	1.092698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.617082	2.083813	.0778365	-.001523	.3930270	5.784443	.0309047
Stddev	.116100	.020672	.0051596	.000141	.0067098	.055770	.0008604
%RSD	4.436234	.9920293	6.628797	9.231490	1.707203	.9641316	2.784088
#1	2.724508	2.104420	.0727127	-.001462	.3977490	5.802321	.0318929
#2	2.632822	2.063077	.0777658	-.001423	.3959856	5.829082	.0304994
#3	2.493915	2.083943	.0830312	-.001683	.3853464	5.721927	.0303218

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5184-22DLX2 Acquired: 12/21/2024 0:16:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.890420	-.315810	.1071951
Stddev	.014437	.001697	.0009727
%RSD	.4994904	.5374683	.9074614
#1	2.880239	-.315554	.1078108
#2	2.906943	-.317621	.1077007
#3	2.884077	-.314256	.1060736

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1928.386	23649.15	2513.663	1639.654	2032.664
Stddev	15.972	118.32	22.387	3.559	18.125
%RSD	.8282480	.5003009	.8906235	.2170663	.8916757
#1	1910.196	23784.61	2506.603	1643.619	2011.741
#2	1934.850	23566.05	2495.658	1638.606	2042.717
#3	1940.113	23596.78	2538.730	1636.736	2043.535

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165634BL Acquired: 12/21/2024 0:20:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS634 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001662	.0018697	-.000380	.0002951	-.002868	.0245290	-.000632
Stddev	.0038142	.0022656	.001738	.0051995	.001456	.0293509	.001954
%RSD	2294.644	121.1752	457.3196	1761.848	50.76819	119.6579	309.1784
#1	-.004218	.0000454	-.001889	-.004298	-.002166	.0148455	.001615
#2	.002721	.0011580	-.000772	-.000757	-.001896	.0574980	-.001930
#3	.001996	.0044058	.001521	.005940	-.004542	.0012434	-.001581

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000025	.0000698	.0430504	-.000427	-.000177	-.004428	.0522504
Stddev	.000062	.0000507	.0065638	.000483	.000221	.007087	.0444177
%RSD	251.5978	72.58217	15.24678	113.0107	124.7057	160.0654	85.00923
#1	-.000072	.0001139	.0356249	-.000091	.000026	-.001225	.1012145
#2	.000046	.0000144	.0454476	-.000980	-.000412	-.012551	.0145462
#3	-.000049	.0000811	.0480785	-.000210	-.000146	.000493	.0409907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013062	.0248896	.0009310	-.000282	.2882463	-.002736	.0016038
Stddev	.0004760	.0304330	.0002360	.000830	.2594804	.004842	.0027806
%RSD	36.43790	122.2719	25.35493	294.4881	90.02037	176.9377	173.3789
#1	.0007673	.0082908	.0006660	-.000627	.0028213	.002424	.0007226
#2	.0014821	.0600129	.0011186	.000665	.3520316	-.007179	-.000629
#3	.0016692	.0063650	.0010084	-.000885	.5098861	-.003454	.004718

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.391163	-.003485	-.003390	-.000439	-.003772	-.003101	-.005174
Stddev	.146382	.001534	.001739	.000397	.004213	.000829	.000304
%RSD	37.42224	44.00946	51.28946	90.47367	111.6836	26.73084	5.883302
#1	-.527142	-.004231	-.002885	-.000614	.001050	-.004053	-.005513
#2	-.410119	-.001721	-.001960	-.000720	-.005629	-.002709	-.004925
#3	-.236226	-.004503	-.005325	.000016	-.006737	-.002540	-.005084

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165634BL Acquired: 12/21/2024 0:20:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS634 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0005712	-.000034	.0049590
Stddev	.0023384	.000110	.0009588
%RSD	409.3958	323.7130	19.33403
#1	-.001036	-.000126	.0060182
#2	.003254	-.000064	.0047082
#3	-.000504	.000088	.0041505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1869.535	22786.99	2357.985	1576.765	2192.293
Stddev	5.492	95.12	19.653	4.157	6.144
%RSD	.2937795	.4174317	.8334466	.2636276	.2802593
#1	1863.528	22828.04	2370.201	1580.017	2186.363
#2	1874.300	22854.68	2368.439	1578.197	2198.631
#3	1870.777	22678.23	2335.315	1572.082	2191.883

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165634BS Acquired: 12/21/2024 0:24:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS634 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240525	.0514953	.0186876	.0590808	.1027186	.3990548
Stddev	.0033237	.0011038	.0003040	.0032820	.0012506	.0379277
%RSD	13.81850	2.143415	1.626805	5.555048	1.217453	9.504392
#1	.0271884	.0522725	.0188604	.0553546	.1014867	.3748193
#2	.0244006	.0502319	.0188657	.0615421	.1039870	.3795815
#3	.0205685	.0519815	.0183365	.0603457	.1026822	.4427635

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4063021	.0103236	.0097466	9.939657	.0205579	.0986439
Stddev	.0030786	.0001111	.0001115	.097266	.0007521	.0004218
%RSD	.7577026	1.075665	1.143974	.9785622	3.658562	.4275927
#1	.4031541	.0104518	.0097258	9.893446	.0211437	.0987970
#2	.4093062	.0102621	.0096470	10.05141	.0197097	.0981670
#3	.4064458	.0102570	.0098670	9.87411	.0208203	.0989678

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491487	.1796766	.0317970	10.22946	.0773357	.0193481
Stddev	.0046293	.0506531	.0006024	.11977	.0005041	.0010713
%RSD	9.418942	28.19125	1.894430	1.170835	.6518846	5.536799
#1	.0540735	.1805396	.0321269	10.18206	.0779065	.0182255
#2	.0448863	.2298926	.0321624	10.36568	.0769514	.0203593
#3	.0484863	.1285975	.0311018	10.14065	.0771490	.0194595

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.50547	.0955812	.1075089	9.170149	F .0139370	F -.003508
Stddev	.42363	.0052875	.0030583	.130578	.0004926	.000613
%RSD	4.032507	5.531961	2.844707	1.423943	3.534477	17.47104
#1	10.23929	.0906694	.1045262	9.278360	.0137879	-.003159
#2	10.99399	.1011777	.1106376	9.206975	.0144869	-.003150
#3	10.28314	.0948965	.1073628	9.025113	.0135361	-.004216

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165634BS Acquired: 12/21/2024 0:24:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS634 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186116	.1706485	F .4715425	F .0080523	.1990688	.2088340
Stddev	.0006599	.0035143	.0019632	.0013664	.0024481	.0011562
%RSD	3.545397	2.059350	.4163286	16.96902	1.229769	.5536291
#1	.0179363	.1684208	.4732362	.0091033	.1977181	.2078095
#2	.0186436	.1746997	.4693908	.0065077	.1975937	.2100875
#3	.0192549	.1688249	.4720005	.0085459	.2018947	.2086050

Elem	Li6707
Units	ppm
Avg	.0357419
Stddev	.0023883
%RSD	6.682192
#1	.0362873
#2	.0378103
#3	.0331280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.205	22643.92	2342.170	1573.154	2161.819
Stddev	2.435	108.46	11.074	11.287	.559
%RSD	.1321226	.4789982	.4728136	.7174663	.0258354
#1	1845.904	22757.07	2329.396	1585.000	2161.414
#2	1841.171	22633.83	2348.062	1571.937	2162.456
#3	1842.541	22540.85	2349.053	1562.525	2161.587

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165634BSD Acquired: 12/21/2024 0:28:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD634 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087355	.0252534	.0068339	.0293595	.0486850	.1776845	.1999192
Stddev	.0027238	.0021601	.0007543	.0004289	.0025366	.0233720	.0024644
%RSD	31.18155	8.553675	11.03741	1.460996	5.210239	13.15366	1.232717
#1	.0118806	.0256105	.0076555	.0293533	.0489802	.1744167	.1981742
#2	.0071392	.0229370	.0066737	.0289337	.0460137	.2025184	.1988449
#3	.0071866	.0272126	.0061726	.0297915	.0510611	.1561183	.2027384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051526	.0048696	4.934219	.0094762	.0495418	.0284946	.0933438
Stddev	.0000381	.0000802	.073321	.0003992	.0004452	.0013811	.0291652
%RSD	.7397490	1.647972	1.485967	4.212382	.8986035	4.847026	31.24491
#1	.0051326	.0049434	4.879664	.0090243	.0490278	.0279512	.1217427
#2	.0051286	.0047842	4.905428	.0097809	.0497982	.0274678	.0948201
#3	.0051966	.0048811	5.017566	.0096233	.0497995	.0300648	.0634685

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0149465	5.085742	.0384285	.0093534	5.866262	.0447801	.0620238
Stddev	.0004611	.024086	.0007006	.0008294	.449461	.0011321	.0169622
%RSD	3.085250	.4735977	1.823050	8.867142	7.661797	2.528115	27.34784
#1	.0154763	5.110727	.0392354	.0092008	5.867994	.0442573	.0595493
#2	.0147276	5.062669	.0380748	.0102485	6.314855	.0440039	.0464347
#3	.0146356	5.083831	.0379753	.0086110	5.415937	.0460791	.0800872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.186825	.0038163	.0010043	.0089930	.0801292	.2274397	.0009545
Stddev	.290655	.0011931	.0012779	.0001879	.0028461	.0026805	.0002304
%RSD	6.942142	31.26253	127.2372	2.089064	3.551908	1.178573	24.13780
#1	3.953186	.0025743	.0008636	.0088375	.0779275	.2261044	.0010348
#2	4.094981	.0049535	.0023468	.0092018	.0791171	.2256890	.0011340
#3	4.512307	.0039212	-.000197	.0089398	.0833431	.2305256	.0006947

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165634BSD Acquired: 12/21/2024 0:28:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD634 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0990383	.1028348	.0241351
Stddev	.0044115	.0010733	.0046689
%RSD	4.454372	1.043746	19.34503
#1	.0967142	.1018316	.0188689
#2	.0962747	.1027061	.0277678
#3	.1041260	.1039666	.0257687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1843.515	23017.04	2372.927	1591.739	2177.684
Stddev	4.302	252.53	19.691	10.077	2.616
%RSD	.2333444	1.097138	.8298177	.6330740	.1201094
#1	1838.962	23290.99	2390.073	1600.924	2177.801
#2	1847.510	22793.56	2377.288	1580.960	2180.239
#3	1844.074	22966.56	2351.422	1593.333	2175.012

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-01DLX2 Acquired: 12/21/2024 0:32:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1502878	-.045434	.2457249	.0599916	.0206050	62.82102	.7211691
Stddev	.0054065	.002616	.0010720	.0017708	.0022100	.17016	.0032831
%RSD	3.597414	5.758011	.4362707	2.951752	10.72566	.2708667	.4552417
#1	.1529729	-.045618	.2450463	.0620237	.0230431	62.63311	.7175847
#2	.1538260	-.042731	.2451677	.0587789	.0200384	62.86527	.7218922
#3	.1440644	-.047953	.2469608	.0591721	.0187334	62.96469	.7240303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053498	.0036200	50.31409	.1273002	.1464457	.2587757	133.3481
Stddev	.0001334	.0001188	.10920	.0009373	.0008072	.0056872	.4544
%RSD	2.493253	3.281256	.2170438	.7363157	.5511641	2.197717	.3407382
#1	.0052429	.0036507	50.22571	.1273777	.1472047	.2522757	133.0742
#2	.0054993	.0037204	50.43617	.1281964	.1455978	.2628360	133.0975
#3	.0053073	.0034889	50.28038	.1263265	.1465346	.2612153	133.8726

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.356468	37.42088	.1251285	.0094440	.5613066	.2124845	.7335450
Stddev	.016502	.14300	.0001782	.0006573	.2413579	.0041310	.0123050
%RSD	.3787900	.3821477	.1423851	6.959585	42.99931	1.944124	1.677469
#1	4.344262	37.56069	.1253294	.0089100	.4779774	.2158929	.7476137
#2	4.349900	37.27489	.1250662	.0101781	.8332880	.2078903	.7247882
#3	4.375243	37.42707	.1249898	.0092440	.3726544	.2136704	.7282330

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.49784	4.535253	.0232016	.0000162	1.904875	1.443983	.0042590
Stddev	.08694	.017628	.0016724	.0003512	.007608	.007273	.0012780
%RSD	.5609532	.3886806	7.207923	2165.820	.3994035	.5036675	30.00793
#1	15.58518	4.553977	.0240214	.0002927	1.908703	1.441749	.0049892
#2	15.41132	4.518977	.0212775	.0001348	1.896114	1.452111	.0050046
#3	15.49703	4.532807	.0243058	-.000379	1.909810	1.438089	.0027833

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-01DLX2 Acquired: 12/21/2024 0:32:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4676577	.0260054	.0476080
Stddev	.0020396	.0003803	.0012219
%RSD	.4361371	1.462440	2.566488
#1	.4676273	.0264167	.0483761
#2	.4656335	.0259331	.0461990
#3	.4697124	.0256664	.0482488

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2075.001	25337.69	2622.482	1767.414	2150.798
Stddev	6.154	79.26	7.668	5.348	8.210
%RSD	.2965551	.3128259	.2923943	.3026010	.3817282
#1	2079.206	25246.41	2629.722	1764.028	2150.024
#2	2077.860	25377.58	2614.448	1773.579	2159.368
#3	2067.939	25389.08	2623.276	1764.634	2143.003

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-02DLX2 Acquired: 12/21/2024 0:36:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0303947	-.017006	.4661541	.0284106	.0058439	57.43337	.8855825
Stddev	.0036447	.002282	.0016491	.0041423	.0009116	.14306	.0047446
%RSD	11.99131	13.42059	.3537591	14.58029	15.59821	.2490945	.5357611
#1	.0343320	-.018317	.4656548	.0325602	.0050633	57.27135	.8801805
#2	.0297135	-.018331	.4679951	.0283959	.0056229	57.54229	.8890742
#3	.0271387	-.014371	.4648123	.0242756	.0068457	57.48647	.8874927

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045009	.0064258	101.9045	.0984124	.0921400	.2672385	90.29729
Stddev	.0001759	.0000697	.3134	.0003891	.0002042	.0027388	.42502
%RSD	3.907928	1.084948	.3075862	.3953904	.2215691	1.024836	.4706888
#1	.0044070	.0065002	101.6983	.0979735	.0920195	.2686615	89.98981
#2	.0043918	.0064152	102.2652	.0987152	.0920248	.2689729	90.78229
#3	.0047038	.0063619	101.7500	.0985484	.0923757	.2640812	90.11977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.406523	38.71190	.1122260	.0065832	2.224969	.0763599	5.836192
Stddev	.008127	.23534	.0002875	.0005656	.749770	.0036174	.062003
%RSD	.2385805	.6079156	.2561865	8.591110	33.69799	4.737298	1.062383
#1	3.397998	38.54801	.1122735	.0062901	2.802853	.0805251	5.836518
#2	3.414183	38.98156	.1119176	.0062243	1.377733	.0745490	5.898031
#3	3.407387	38.60612	.1124867	.0072351	2.494320	.0740057	5.774027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.65826	.8654088	.0387925	.0010118	5.368728	1.383504	.0008708
Stddev	.12898	.0063901	.0026110	.0002325	.014824	.008953	.0009971
%RSD	.8237092	.7383928	6.730618	22.97729	.2761141	.6471182	114.5070
#1	15.51575	.8685839	.0384025	.0011684	5.385260	1.387440	.0001657
#2	15.76696	.8580530	.0415765	.0011223	5.356619	1.389815	.0004351
#3	15.69208	.8695894	.0363985	.0007447	5.364306	1.373258	.0020117

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-02DLX2 Acquired: 12/21/2024 0:36:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0959508	.4221207	.0602406
Stddev	.0021828	.0010372	.0004950
%RSD	2.274887	.2457027	.8217436
#1	.0979845	.4212220	.0601846
#2	.0962235	.4232556	.0607613
#3	.0936445	.4218845	.0597760

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1995.927	24347.62	2567.348	1698.447	2107.677
Stddev	7.714	175.50	9.084	14.453	7.419
%RSD	.3865060	.7208269	.3538414	.8509820	.3519785
#1	2001.075	24440.30	2577.838	1699.208	2110.443
#2	1999.647	24145.20	2562.040	1683.628	2113.315
#3	1987.057	24457.35	2562.167	1712.505	2099.272

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-03DLX2 Acquired: 12/21/2024 0:40:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1992811	-.050676	.6997644	.0566508	.0207908	68.61337	1.293055
Stddev	.0011151	.004517	.0045356	.0031096	.0030034	.04532	.001468
%RSD	.5595423	8.914279	.6481644	5.489049	14.44573	.0660516	.1134980
#1	.2003124	-.055854	.7032737	.0531729	.0241857	68.59330	1.291446
#2	.1994329	-.048639	.6946429	.0591627	.0197068	68.66526	1.293401
#3	.1980979	-.047536	.7013766	.0576169	.0184800	68.58155	1.294319

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064858	.0070378	59.99597	.1039446	.0918718	.2886585	137.1128
Stddev	.0001754	.0001355	.22827	.0005487	.0003244	.0017417	.3277
%RSD	2.704718	1.925093	.3804814	.5278915	.3531166	.6033923	.2390233
#1	.0066809	.0071889	59.94049	.1044283	.0920306	.2878061	137.0468
#2	.0064353	.0069971	60.24687	.1033483	.0914986	.2875071	137.4685
#3	.0063411	.0069272	59.80056	.1040573	.0920862	.2906622	136.8231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.610560	32.16251	.1108927	.0094041	2.009366	.2124248	1.699962
Stddev	.000982	.11190	.0004849	.0002052	1.251910	.0043729	.025857
%RSD	.0271910	.3479161	.4372942	2.182071	62.30372	2.058548	1.521042
#1	3.609525	32.19158	.1112483	.0092852	.656910	.2074045	1.670153
#2	3.610677	32.25700	.1103403	.0096410	3.127664	.2144668	1.713399
#3	3.611478	32.03894	.1110895	.0092861	2.243524	.2154031	1.716335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.98512	9.442267	.0415091	.0009252	5.212255	1.595717	.0063268
Stddev	.16534	.013676	.0028404	.0001317	.009355	.020987	.0016789
%RSD	.6363006	.1448412	6.842728	14.23785	.1794777	1.315177	26.53548
#1	25.80944	9.435571	.0410400	.0008386	5.208534	1.619400	.0044711
#2	26.13770	9.433228	.0389325	.0008601	5.205334	1.588320	.0077402
#3	26.00821	9.458001	.0445549	.0010767	5.222898	1.579430	.0067693

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-03DLX2 Acquired: 12/21/2024 0:40:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5595829	.1650349	.0555167
Stddev	.0003259	.0003770	.0010795
%RSD	.0582466	.2284251	1.944540
#1	.5594444	.1646405	.0557405
#2	.5599552	.1653917	.0564668
#3	.5593491	.1650725	.0543428

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2014.013	24692.22	2572.512	1718.103	2112.472
Stddev	3.833	157.56	22.285	12.585	2.748
%RSD	.1903102	.6381114	.8662714	.7324818	.1300656
#1	2012.841	24867.53	2554.586	1731.695	2112.090
#2	2018.295	24562.44	2565.487	1706.854	2115.391
#3	2010.903	24646.67	2597.463	1715.759	2109.936

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV085 Acquired: 12/21/2024 0:43:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.856505	4.727035	24.30847	4.791190	4.764948	399.9069	10.14989
Stddev	.012345	.005566	.02097	.008469	.004589	2.0865	.06102
%RSD	.2541943	.1177426	.0862839	.1767563	.0963091	.5217405	.6011627
#1	4.863666	4.732373	24.30414	4.791849	4.762213	397.9275	10.09466
#2	4.842250	4.721267	24.33127	4.799309	4.770246	402.0861	10.21539
#3	4.863599	4.727464	24.28999	4.782410	4.762384	399.7072	10.13961

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5010539	2.448884	402.0836	15.11144	2.434340	14.87111	405.2136
Stddev	.0041926	.001203	1.2668	.02174	.002226	.05493	2.0499
%RSD	.8367564	.0491088	.3150516	.1438507	.0914221	.3693675	.5058704
#1	.5010095	2.448150	401.0958	15.11467	2.435119	14.81111	403.1920
#2	.5052685	2.450272	403.5118	15.13138	2.436071	14.91893	407.2906
#3	.4968837	2.448230	401.6431	15.08827	2.431829	14.88328	405.1583

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.92322	399.9879	2.469287	1.275540	403.0165	2.502882	14.85241
Stddev	.08196	2.3079	.000976	.005110	1.2392	.011253	.12776
%RSD	.5491793	.5769831	.0395404	.4006541	.3074825	.4495897	.8601669
#1	14.84657	397.5916	2.470343	1.270112	401.7609	2.489946	14.79258
#2	15.00961	402.1957	2.469100	1.276248	404.2387	2.508298	14.76555
#3	14.91347	400.1764	2.468418	1.280259	403.0498	2.510403	14.99910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.4083	4.875871	4.825553	4.740031	4.884894	4.829986	4.834257
Stddev	.4450	.002421	.032941	.013447	.006672	.043210	.009850
%RSD	.2978175	.0496539	.6826375	.2836828	.1365930	.8946233	.2037607
#1	149.1651	4.877114	4.823867	4.728999	4.882661	4.827919	4.839288
#2	149.9218	4.877418	4.859305	4.755009	4.892396	4.874193	4.840575
#3	149.1379	4.873081	4.793488	4.736084	4.879624	4.787847	4.822907

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV085 Acquired: 12/21/2024 0:43:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV085 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.987499	4.813877	5.056212
Stddev	.027000	.022325	.032762
%RSD	.5413580	.4637545	.6479601
#1	4.960400	4.788764	5.019511
#2	5.014399	4.831474	5.082509
#3	4.987697	4.821391	5.066616

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1536.802	20408.15	2253.555	1300.700	1758.986
Stddev	7.116	46.84	23.511	2.848	4.168
%RSD	.4630207	.2294929	1.043295	.2189642	.2369519
#1	1544.327	20419.98	2255.930	1303.276	1763.309
#2	1530.182	20356.54	2228.947	1301.184	1754.993
#3	1535.897	20447.94	2275.789	1297.642	1758.657

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB085 Acquired: 12/21/2024 0:47:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000814	.0021840	.0014890	.0007944	-.003151	.0078131	.0002381
Stddev	.004415	.0018323	.0024093	.0016644	.002255	.0117142	.0017936
%RSD	542.6737	83.89617	161.8142	209.5231	71.56159	149.9295	753.1604
#1	.003646	.0042981	.0014674	-.000984	-.005423	.0191830	-.000340
#2	-.005184	.0011991	-.000910	.001052	-.000914	.0084736	-.001195
#3	-.000903	.0010548	.003909	.002315	-.003115	-.004217	.002250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001791	.0001243	.0090728	-.000191	.0001773	-.005835	.0202369
Stddev	.0000852	.0001001	.0118678	.000609	.0002074	.007252	.0350451
%RSD	47.58768	80.59402	130.8055	318.9410	116.9688	124.2826	173.1743
#1	.0000822	.0002179	.0166886	.000512	.0004044	.002497	.0510118
#2	.0002422	.0000187	.0151313	-.000550	.0001298	-.009274	.0276054
#3	.0002128	.0001362	-.004601	-.000534	-.000002	-.010729	-.017907

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005981	.0330913	.0002689	.0004132	.2720941	.0049823	.0050273
Stddev	.0016741	.0194506	.0004817	.0007157	.5542528	.0029723	.0073402
%RSD	279.9004	58.77865	179.1257	173.2123	203.6989	59.65773	146.0071
#1	-.000698	.0535308	.0007961	.0007361	.4451626	.0030222	.0018658
#2	.000004	.0309337	.0001589	-.000407	-.348043	.0084023	.0134185
#3	.002488	.0148095	-.000148	.000911	.719162	.0035225	-.000202

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.104950	-.002323	.0117253	.0000674	-.002744	-.003016	-.011740
Stddev	.026792	.000963	.0026266	.0002469	.004624	.000558	.000406
%RSD	25.52869	41.47213	22.40071	366.1716	168.4949	18.50461	3.461446
#1	-.075874	-.001227	.0144448	.0003503	-.006841	-.003559	-.011295
#2	-.110337	-.002709	.0092028	-.000043	-.003660	-.002444	-.012092
#3	-.128640	-.003034	.0115282	-.000105	.002269	-.003043	-.011831

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB085 Acquired: 12/21/2024 0:47:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB085 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0018656	-.000122	.0277973
Stddev	.0025502	.000086	.0014203
%RSD	136.6916	70.83869	5.109482
#1	.0044008	-.000064	.0270549
#2	.0018955	-.000081	.0294350
#3	-.000699	-.000221	.0269021

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.111	22629.88	2308.845	1564.278	2157.940
Stddev	3.757	36.84	3.836	.442	7.894
%RSD	.2048331	.1627918	.1661530	.0282277	.3657934
#1	1830.479	22640.31	2304.698	1564.062	2157.054
#2	1837.982	22660.38	2309.573	1564.786	2166.238
#3	1833.872	22588.95	2312.266	1563.987	2150.526

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-04DLX2 Acquired: 12/21/2024 0:51:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1913276	-.039243	.6807702	.0444861	.0155531	61.77504	1.100737
Stddev	.0017856	.003561	.0023842	.0022959	.0023944	.28763	.005902
%RSD	.9332873	9.074848	.3502157	5.160912	15.39501	.4656121	.5362304
#1	.1930966	-.035877	.6780943	.0470960	.0171262	61.52216	1.093922
#2	.1913605	-.038880	.6815480	.0435842	.0127975	61.71501	1.104236
#3	.1895258	-.042971	.6826684	.0427781	.0167357	62.08795	1.104052

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0057520	.0069600	71.46247	.1134177	.0887512	.3189747	113.8844
Stddev	.0001894	.0001649	.44412	.0012272	.0004857	.0066062	.5216
%RSD	3.293490	2.369870	.6214673	1.081974	.5472342	2.071074	.4580198
#1	.0057737	.0071350	71.14134	.1120050	.0891203	.3134892	113.3862
#2	.0055527	.0068075	71.27677	.1142195	.0882010	.3263081	113.8403
#3	.0059297	.0069375	71.96929	.1140286	.0889322	.3171268	114.4266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.129932	28.14936	.1101239	.0098925	1.239258	.1916316	1.608645
Stddev	.017467	.17995	.0008367	.0012043	.387726	.0061786	.041361
%RSD	.5580566	.6392827	.7598200	12.17372	31.28694	3.224216	2.571171
#1	3.110630	27.94244	.1096529	.0099217	1.323979	.1972226	1.562217
#2	3.134515	28.23640	.1096288	.0110820	.816177	.1849980	1.641559
#3	3.144650	28.26925	.1110900	.0086739	1.577618	.1926741	1.622158

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.39403	9.338645	.0373464	.0007882	3.702587	1.987488	.0047172
Stddev	.10810	.010247	.0019312	.0000626	.006521	.009028	.0005795
%RSD	.8070494	.1097246	5.171097	7.946458	.1761150	.4542552	12.28528
#1	13.29797	9.336876	.0357149	.0008360	3.702522	1.988189	.0049462
#2	13.37303	9.329397	.0394787	.0007173	3.696098	1.978130	.0051472
#3	13.51108	9.349661	.0368457	.0008112	3.709139	1.996146	.0040581

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-04DLX2 Acquired: 12/21/2024 0:51:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6328010	.1515980	.0549015
Stddev	.0052403	.0012812	.0020730
%RSD	.8281177	.8451561	3.775891
#1	.6267648	.1501256	.0569546
#2	.6354523	.1524585	.0549407
#3	.6361859	.1522100	.0528091

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2011.762	24691.95	2556.678	1717.973	2137.992
Stddev	4.327	157.29	14.535	13.392	3.682
%RSD	.2151024	.6369907	.5685052	.7795363	.1722340
#1	2010.385	24863.85	2548.655	1733.405	2139.594
#2	2008.291	24555.23	2573.456	1709.397	2133.780
#3	2016.610	24656.78	2547.924	1711.117	2140.602

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-05DLX2 Acquired: 12/21/2024 0:55:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1779163	-.051679	.3102461	.0653683	.0201506	74.65807	1.100118
Stddev	.0047880	.003663	.0009365	.0004018	.0023130	.43701	.009546
%RSD	2.691140	7.088745	.3018564	.6147492	11.47848	.5853425	.8677446
#1	.1811417	-.047720	.3108913	.0658308	.0221201	74.29954	1.090663
#2	.1724149	-.052367	.3106751	.0651045	.0207281	75.14485	1.109753
#3	.1801923	-.054949	.3091719	.0651695	.0176036	74.52982	1.099938

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068458	.0030721	34.03115	.1046558	.0911317	.2989840	136.6907
Stddev	.0001131	.0000912	.10717	.0012460	.0006985	.0073038	1.0622
%RSD	1.652443	2.967136	.3149134	1.190582	.7664606	2.442858	.7771012
#1	.0067199	.0030318	33.95874	.1035617	.0909368	.3058086	135.8426
#2	.0069389	.0030080	34.15426	.1060120	.0905513	.2998627	137.8821
#3	.0068786	.0031764	33.98044	.1043936	.0919069	.2912806	136.3474

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.472977	29.17298	.1259958	.0098313	1.264288	.2303839	.7424024
Stddev	.018139	.22052	.0008573	.0010626	.564392	.0021310	.0152571
%RSD	.5223018	.7558971	.6804271	10.80823	44.64107	.9249832	2.055104
#1	3.458262	28.98943	.1255072	.0088524	.722384	.2306994	.7253186
#2	3.493244	29.41760	.1254946	.0096802	1.848757	.2323396	.7546708
#3	3.467425	29.11192	.1269857	.0109614	1.221723	.2281127	.7472179

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.13738	5.388011	.0255721	-.000354	1.547342	1.074265	.0023162
Stddev	.11890	.026457	.0032175	.000208	.010120	.006374	.0010767
%RSD	1.172907	.4910287	12.58212	58.96101	.6540210	.5933353	46.48635
#1	10.00147	5.358538	.0220445	-.000308	1.536971	1.070579	.0011030
#2	10.22219	5.395787	.0263262	-.000172	1.557190	1.081625	.0026874
#3	10.18847	5.409708	.0283455	-.000581	1.547867	1.070591	.0031583

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-05DLX2 Acquired: 12/21/2024 0:55:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1782550	.0624911	.0595032
Stddev	.0043535	.0004317	.0023434
%RSD	2.442307	.6908736	3.938338
#1	.1749750	.0621957	.0591697
#2	.1831941	.0629866	.0619956
#3	.1765957	.0622911	.0573444

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.119	25623.49	2639.193	1787.167	2165.324
Stddev	10.512	193.60	15.212	16.789	11.626
%RSD	.5072911	.7555693	.5763976	.9394104	.5369246
#1	2078.164	25477.78	2643.699	1780.814	2171.927
#2	2078.212	25549.53	2622.237	1774.482	2172.146
#3	2059.981	25843.18	2651.643	1806.205	2151.900

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-06DLX2 Acquired: 12/21/2024 0:59:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1297886	-.053694	.2679544	.0626160	.0197822	76.11747	1.391813
Stddev	.0086246	.002874	.0016224	.0033379	.0024166	.29420	.006811
%RSD	6.645152	5.352537	.6054890	5.330759	12.21583	.3865027	.4893649
#1	.1212058	-.056399	.2660978	.0656795	.0186694	75.97052	1.390868
#2	.1384545	-.054006	.2686654	.0590586	.0181225	75.92570	1.385523
#3	.1297056	-.050677	.2690999	.0631098	.0225547	76.45619	1.399047

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068313	.0022152	35.22700	.0970373	.0898119	.1460926	131.4862
Stddev	.0002423	.0000420	.13418	.0006557	.0009296	.0047753	.6911
%RSD	3.546541	1.893994	.3809054	.6757547	1.035012	3.268670	.5255789
#1	.0071088	.0021791	35.13133	.0977724	.0889779	.1504880	131.4364
#2	.0067235	.0022054	35.16930	.0965125	.0896438	.1410115	130.8213
#3	.0066617	.0022613	35.38038	.0968270	.0908140	.1467783	132.2008

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.428389	31.69641	.1038711	.0087200	.6504924	.2140639	.7749508
Stddev	.018050	.13500	.0011526	.0003932	.8248681	.0024923	.0054600
%RSD	.5264982	.4259276	1.109619	4.509436	126.8067	1.164280	.7045603
#1	3.428506	31.68537	.1045957	.0090509	.4513287	.2156605	.7701220
#2	3.410280	31.56727	.1025421	.0082853	1.556708	.2111920	.7738546
#3	3.446380	31.83660	.1044756	.0088238	-.056559	.2153392	.7808757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.57690	7.262933	.0288973	-.000018	2.621851	1.768733	.0038750
Stddev	.22256	.022620	.0015263	.000226	.013525	.012784	.0006304
%RSD	1.342606	.3114401	5.281804	1266.371	.5158480	.7227620	16.26773
#1	16.33425	7.252906	.0271658	.000130	2.606651	1.782806	.0032174
#2	16.62488	7.247059	.0294782	.000094	2.626345	1.765558	.0039334
#3	16.77155	7.288832	.0300479	-.000277	2.632557	1.757837	.0044741

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-06DLX2 Acquired: 12/21/2024 0:59:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6511213	.0863402	.0643386
Stddev	.0037306	.0010188	.0022183
%RSD	.5729471	1.179970	3.447833
#1	.6519616	.0851773	.0620242
#2	.6470422	.0867674	.0664464
#3	.6543600	.0870758	.0645452

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2072.691	25460.03	2621.884	1770.704	2131.692
Stddev	2.843	99.39	16.525	11.876	5.823
%RSD	.1371758	.3903678	.6302700	.6706977	.2731748
#1	2071.382	25525.15	2602.879	1781.992	2134.566
#2	2075.953	25509.32	2629.916	1771.803	2135.519
#3	2070.738	25345.63	2632.858	1758.317	2124.990

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-07DLX2 Acquired: 12/21/2024 1:03:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1542626	-.045745	.4450883	.0572210	.0212692	69.34897	1.087711
Stddev	.0076561	.001321	.0019383	.0032566	.0014039	1.17366	.015877
%RSD	4.963057	2.887174	.4354846	5.691245	6.600747	1.692393	1.459672
#1	.1456905	-.047087	.4468470	.0534610	.0199775	68.02343	1.069528
#2	.1604210	-.045701	.4454077	.0591445	.0227634	69.76744	1.094774
#3	.1566763	-.044446	.4430101	.0590576	.0210668	70.25604	1.098830

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065249	.0046400	47.66969	.1013215	.0964918	.2353602	127.8714
Stddev	.0002301	.0000195	.71842	.0014067	.0009351	.0087452	2.1298
%RSD	3.526782	.4204572	1.507076	1.388337	.9690831	3.715678	1.665551
#1	.0063254	.0046175	46.85018	.1024279	.0956762	.2282987	125.4679
#2	.0064728	.0046517	47.96796	.1017983	.0975124	.2326395	128.6224
#3	.0067767	.0046508	48.19092	.0997384	.0962868	.2451424	129.5239

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.656033	29.77543	.1135253	.0094689	.8294869	.2014267	1.128754
Stddev	.062048	.50330	.0008776	.0005080	.0370282	.0040009	.011610
%RSD	1.697148	1.690306	.7730119	5.365172	4.463987	1.986295	1.028579
#1	3.590208	29.25277	.1139729	.0090113	.8485092	.1989806	1.141442
#2	3.664445	29.81669	.1140889	.0100156	.7868140	.2060439	1.126159
#3	3.713446	30.25682	.1125142	.0093799	.8531375	.1992557	1.118661

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.96535	5.358602	.0289222	.0003683	2.707485	1.972108	.0022011
Stddev	.13794	.009367	.0015177	.0002219	.007335	.035014	.0014833
%RSD	.8130726	.1748065	5.247577	60.24414	.2708983	1.775478	67.38755
#1	16.81235	5.367831	.0302659	.0003490	2.715714	1.931704	.0004969
#2	17.08019	5.358874	.0292247	.0005991	2.705106	1.991024	.0029055
#3	17.00352	5.349102	.0272760	.0001567	2.701635	1.993596	.0032010

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-07DLX2 Acquired: 12/21/2024 1:03:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4167565	.1089451	.0578523
Stddev	.0082691	.0016145	.0017371
%RSD	1.984150	1.481951	3.002626
#1	.4072226	.1070852	.0560211
#2	.4219773	.1097649	.0580589
#3	.4210696	.1099853	.0594768

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2066.060	25257.38	2612.135	1752.290	2157.238
Stddev	5.593	253.62	44.824	18.823	6.708
%RSD	.2706896	1.004132	1.715982	1.074173	.3109303
#1	2062.754	25255.74	2663.290	1745.084	2153.026
#2	2062.909	25004.59	2593.384	1738.136	2153.715
#3	2072.517	25511.81	2579.732	1773.651	2164.973

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-08DLX2 Acquired: 12/21/2024 1:06:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5971429	-.053189	.8711984	.0603313	.0223991	51.48900	.6190598
Stddev	.0028527	.003301	.0037690	.0032965	.0017022	.11142	.0016654
%RSD	.4777278	6.206900	.4326180	5.463970	7.599536	.2163872	.2690233
#1	.5976784	-.056189	.8750257	.0619382	.0241272	51.55580	.6208631
#2	.5996900	-.049652	.8710789	.0565395	.0207240	51.36038	.6187367
#3	.5940604	-.053727	.8674907	.0625162	.0223460	51.55081	.6175796

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051703	.0073577	19.75121	.0719037	.0660854	.3009263	122.1145
Stddev	.0000453	.0000878	.08294	.0010964	.0005829	.0041812	.0834
%RSD	.8763684	1.193922	.4199272	1.524779	.8819929	1.389431	.0683347
#1	.0051562	.0074337	19.65630	.0706926	.0666720	.3027196	122.0822
#2	.0051337	.0072615	19.78757	.0728285	.0655063	.2961476	122.0520
#3	.0052210	.0073778	19.80976	.0721901	.0660780	.3039117	122.2092

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.631848	21.96006	.0763433	.0113141	1.513448	.1779203	1.541617
Stddev	.003010	.10349	.0002860	.0007679	.839987	.0033993	.031903
%RSD	.1143772	.4712744	.3745796	6.786729	55.50156	1.910582	2.069462
#1	2.628397	22.07481	.0763921	.0107998	.698924	.1740103	1.505535
#2	2.633211	21.87378	.0766017	.0121967	2.376771	.1795762	1.553223
#3	2.633935	21.93161	.0760361	.0109458	1.464650	.1801744	1.566092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.817879	5.297533	.0233101	.0003776	1.465932	1.313895	.0013818
Stddev	.079050	.004685	.0013119	.0007795	.009531	.012146	.0012649
%RSD	.8051598	.0884410	5.627920	206.4475	.6501977	.9244537	91.54077
#1	9.737755	5.292128	.0237876	.0001455	1.454945	1.310874	.0021632
#2	9.895808	5.300040	.0243164	.0012467	1.470870	1.303544	.0020599
#3	9.820075	5.300430	.0218264	-.000260	1.471982	1.327266	-.000078

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-08DLX2 Acquired: 12/21/2024 1:06:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7341574	-.015730	.0331391
Stddev	.0034018	.000251	.0021526
%RSD	.4633575	1.593819	6.495764
#1	.7333897	-.015843	.0350237
#2	.7312051	-.015443	.0307932
#3	.7378775	-.015904	.0336003

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.630	24685.26	2530.993	1710.492	2167.594
Stddev	3.257	304.36	4.814	19.782	3.551
%RSD	.1635181	1.232944	.1902129	1.156530	.1638269
#1	1994.807	24994.10	2526.943	1732.471	2170.982
#2	1988.299	24385.59	2536.316	1694.114	2163.900
#3	1991.784	24676.10	2529.721	1704.890	2167.902

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-09DLX2 Acquired: 12/21/2024 1:10:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3592001	-.058571	.4164652	.0652317	.0225614	64.86751	.8090046
Stddev	.0000520	.001417	.0004960	.0036724	.0034601	.29483	.0044756
%RSD	.0144903	2.419199	.1190926	5.629789	15.33628	.4545159	.5532165
#1	.3591971	-.059511	.4170373	.0618020	.0202794	64.55673	.8048985
#2	.3592536	-.059262	.4161550	.0647869	.0208621	64.90252	.8083399
#3	.3591496	-.056941	.4162035	.0691062	.0265425	65.14327	.8137753

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062093	.0058832	25.32857	.0897411	.0841173	.2704478	134.7719
Stddev	.0001128	.0001600	.09430	.0006935	.0004899	.0059248	.4420
%RSD	1.816976	2.719789	.3723237	.7727871	.5823853	2.190719	.3279731
#1	.0062162	.0059777	25.23498	.0894573	.0843126	.2650442	134.3155
#2	.0060932	.0056984	25.32717	.0892346	.0835599	.2695159	134.8024
#3	.0063185	.0059734	25.42357	.0905315	.0844794	.2767832	135.1979

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.400439	27.55857	.0966638	.0095798	.8237057	.2094243	1.079589
Stddev	.011088	.15790	.0004648	.0011410	.2936200	.0052312	.014188
%RSD	.3260815	.5729466	.4808037	11.91010	35.64622	2.497900	1.314242
#1	3.387842	27.43568	.0963676	.0108350	.8307083	.2047757	1.077741
#2	3.404755	27.50339	.0964243	.0092988	1.113762	.2150890	1.066416
#3	3.408720	27.73666	.0971995	.0086056	.526647	.2084083	1.094611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.500660	4.848996	.0223871	-.000264	1.052006	1.306808	.0022903
Stddev	.034458	.017705	.0016979	.000342	.003432	.010795	.0011888
%RSD	.3626859	.3651317	7.584028	129.7865	.3262597	.8260343	51.90451
#1	9.502494	4.835929	.0224583	-.000422	1.048598	1.299103	.0032728
#2	9.534164	4.841912	.0206548	.000129	1.051959	1.319146	.0026292
#3	9.465322	4.869146	.0240483	-.000498	1.055462	1.302175	.0009689

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-09DLX2 Acquired: 12/21/2024 1:10:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8194778	-.004149	.0459689
Stddev	.0045077	.000188	.0021028
%RSD	.5500664	4.540441	4.574499
#1	.8145126	-.004366	.0482911
#2	.8233128	-.004056	.0454225
#3	.8206081	-.004025	.0441932

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2041.094	25015.32	2581.141	1736.015	2165.091
Stddev	3.247	71.17	9.472	5.049	2.946
%RSD	.1590964	.2844907	.3669752	.2908565	.1360674
#1	2040.337	24937.25	2580.323	1737.320	2163.411
#2	2044.653	25076.57	2572.104	1740.283	2168.492
#3	2038.292	25032.12	2590.996	1730.441	2163.368

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-10DLX2 Acquired: 12/21/2024 1:14:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2148305	-.040042	.2665843	.0498368	.0161623	57.91525	.7934323
Stddev	.0010931	.003811	.0017723	.0062954	.0024281	4.14870	.0562488
%RSD	.5087989	9.518658	.6648108	12.63209	15.02343	7.163400	7.089296
#1	.2151112	-.041959	.2673558	.0438393	.0148794	53.18917	.7291754
#2	.2136244	-.035653	.2645570	.0492782	.0146447	59.60020	.8173628
#3	.2157558	-.042515	.2678400	.0563929	.0189628	60.95639	.8337587

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051959	.0041871	28.74450	.0830271	.0810112	.1716520	109.4375
Stddev	.0003765	.0001757	2.19066	.0005526	.0001852	.0168032	7.7428
%RSD	7.245323	4.197015	7.621148	.6655986	.2285785	9.789119	7.075081
#1	.0047742	.0043765	26.24220	.0830053	.0810716	.1522665	100.5718
#2	.0053157	.0040293	29.67493	.0824857	.0808034	.1820508	112.8699
#3	.0054979	.0041556	30.31638	.0835903	.0811586	.1806389	114.8708

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.333416	28.81297	.1057907	.0082442	.6464743	.1572494	.8254051
Stddev	.239382	2.09902	.0005959	.0018122	.6096216	.0133054	.0130944
%RSD	7.181280	7.284967	.5632932	21.98127	94.29943	8.461308	1.586421
#1	3.059984	26.39938	.1053770	.0061589	-.048653	.1582866	.8118540
#2	3.435055	29.82801	.1064737	.0091367	1.090148	.1434558	.8379892
#3	3.505207	30.21153	.1055213	.0094370	.897928	.1700058	.8263721

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.40245	4.513678	.0198403	-.000126	3.571351	1.257865	.0008842
Stddev	1.04997	.016260	.0009704	.000739	.004170	.080709	.0010765
%RSD	10.09352	.3602489	4.891064	585.9053	.1167557	6.416373	121.7492
#1	9.19834	4.521942	.0193280	.000542	3.573579	1.165351	.0012167
#2	10.88191	4.494945	.0209595	-.000000	3.566541	1.294382	.0017553
#3	11.12711	4.524146	.0192333	-.000920	3.573934	1.313863	-.000319

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-10DLX2 Acquired: 12/21/2024 1:14:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZH8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3072787	.0743674	.0439252
Stddev	.0204030	.0051055	.0059966
%RSD	6.639892	6.865243	13.65181
#1	.2846645	.0685082	.0388004
#2	.3128649	.0767331	.0424551
#3	.3243068	.0778610	.0505201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2020.032	24551.08	2649.234	1707.672	2153.569
Stddev	5.118	91.34	163.734	11.459	4.409
%RSD	.2533814	.3720542	6.180415	.6710354	.2047484
#1	2020.149	24643.85	2836.815	1720.535	2150.504
#2	2014.857	24548.18	2575.902	1703.924	2151.580
#3	2025.092	24461.23	2534.983	1698.556	2158.622

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-11DLX2 Acquired: 12/21/2024 1:18:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZQ9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1011461	-.124907	.0512612	.1312304	.0544048	117.8459	.2016033
Stddev	.0028510	.001216	.0023300	.0039069	.0029694	.3738	.0016213
%RSD	2.818678	.9731572	4.545332	2.977163	5.457960	.3171636	.8042199
#1	.1044290	-.126270	.0500490	.1297438	.0517236	117.5742	.2034370
#2	.0992918	-.123936	.0539474	.1282850	.0538944	117.6915	.2003593
#3	.0997176	-.124514	.0497872	.1356624	.0575962	118.2722	.2010138

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067015	.0013516	30.45610	.3165812	.1940535	.5999702	268.2801
Stddev	.0000958	.0001023	.05842	.0006405	.0001258	.0048803	.5797
%RSD	1.429315	7.565383	.1918221	.2023078	.0648233	.8134163	.2160734
#1	.0066336	.0013316	30.39195	.3163959	.1939088	.6040860	267.6714
#2	.0068111	.0014624	30.47011	.3160539	.1941365	.5945788	268.3435
#3	.0066600	.0012608	30.50625	.3172939	.1941152	.6012458	268.8255

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.239969	98.01722	.3193706	.0172018	.6969388	.6779144	.2682626
Stddev	.016624	.08569	.0017867	.0002789	.2491114	.0022722	.0114052
%RSD	.3920753	.0874193	.5594360	1.621547	35.74366	.3351709	4.251515
#1	4.228528	97.97705	.3212093	.0169343	.8885011	.6782202	.2565803
#2	4.232341	97.95900	.3176410	.0174909	.7869920	.6755048	.2688386
#3	4.259037	98.11561	.3192613	.0171802	.4153232	.6800181	.2793689

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7602558	2.692576	.0416250	-.001637	.2374200	1.058897	.0122321
Stddev	.0452894	.001338	.0026130	.000135	.0046410	.009368	.0010290
%RSD	5.957123	.0496885	6.277494	8.270436	1.954748	.8846508	8.412615
#1	.7506376	2.692348	.0421973	-.001726	.2388188	1.066173	.0111337
#2	.7205481	2.694013	.0387733	-.001481	.2322405	1.062191	.0131738
#3	.8095816	2.691366	.0439045	-.001704	.2412007	1.048327	.0123889

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-11DLX2 Acquired: 12/21/2024 1:18:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZQ9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8310668	-.155846	.0530878
Stddev	.0046337	.000071	.0024505
%RSD	.5575612	.0454277	4.615855
#1	.8259450	-.155776	.0553685
#2	.8322875	-.155917	.0504971
#3	.8349680	-.155845	.0533978

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1973.408	24135.70	2513.280	1672.198	2091.423
Stddev	1.763	53.98	13.393	3.498	3.119
%RSD	.0893510	.2236517	.5328950	.2091797	.1491166
#1	1972.504	24082.53	2499.784	1676.227	2090.180
#2	1972.280	24190.46	2513.486	1669.941	2089.117
#3	1975.440	24134.12	2526.568	1670.425	2094.971

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-12DLX2 Acquired: 12/21/2024 1:22:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1059587	-.120292	.0544081	.1268838	.0521425	113.8360	.1650192
Stddev	.0054981	.005253	.0017806	.0045892	.0018543	.6557	.0013206
%RSD	5.188904	4.366930	3.272710	3.616815	3.556172	.5760064	.8002681
#1	.1095704	-.120748	.0564642	.1250590	.0500619	113.0917	.1635500
#2	.0996312	-.125302	.0533893	.1321046	.0536205	114.3283	.1661073
#3	.1086746	-.114826	.0533709	.1234877	.0527452	114.0880	.1654005

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065020	.0014607	27.75688	.3096132	.2020296	.6336995	259.1760
Stddev	.0000760	.0001969	.14882	.0009047	.0002881	.0081974	1.7740
%RSD	1.168452	13.47833	.5361618	.2921888	.1425979	1.293577	.6844840
#1	.0065531	.0016794	27.58701	.3105265	.2022133	.6306675	257.3328
#2	.0064147	.0014054	27.81935	.3087175	.2021781	.6274500	260.8716
#3	.0065382	.0012974	27.86429	.3095957	.2016976	.6429810	259.3235

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.165472	94.88006	.3133434	.0158682	.8466578	.6346479	.3088774
Stddev	.020882	.60933	.0007466	.0005346	.3436042	.0099062	.0007265
%RSD	.5013178	.6422122	.2382693	3.368865	40.58360	1.560892	.2351971
#1	4.146752	94.20233	.3124815	.0162301	.4532021	.6253277	.3095382
#2	4.187994	95.38262	.3137579	.0152542	.9991325	.6335649	.3080995
#3	4.161669	95.05524	.3137909	.0161203	1.087639	.6450510	.3089946

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.398914	2.566037	.0552537	-.001472	.2442352	.5058306	.0118158
Stddev	.303711	.001887	.0040418	.000142	.0074422	.0045017	.0017383
%RSD	8.935542	.0735439	7.315047	9.680611	3.047154	.8899565	14.71202
#1	3.049917	2.565840	.0526895	-.001593	.2528248	.5088391	.0108102
#2	3.603273	2.564257	.0599129	-.001315	.2401640	.5006553	.0138230
#3	3.543551	2.568015	.0531586	-.001507	.2397168	.5079974	.0108141

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-12DLX2 Acquired: 12/21/2024 1:22:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6924407	-.153933	.0483461
Stddev	.0026858	.001391	.0031510
%RSD	.3878772	.9038413	6.517478
#1	.6897892	-.152351	.0480001
#2	.6951596	-.154969	.0453824
#3	.6923732	-.154479	.0516558

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.105	24273.31	2529.209	1683.875	2101.861
Stddev	2.712	47.03	8.972	2.196	4.140
%RSD	.1371851	.1937454	.3547341	.1304069	.1969700
#1	1976.803	24228.30	2537.924	1686.402	2101.522
#2	1974.557	24269.51	2529.702	1682.794	2097.901
#3	1979.956	24322.13	2520.000	1682.430	2106.160

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-13DLX2 Acquired: 12/21/2024 1:26:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0886514	-.077885	.0639060	.0870031	.0331749	84.14714	.4681328
Stddev	.0027745	.003289	.0014685	.0046976	.0030266	.10205	.0013062
%RSD	3.129693	4.222528	2.297965	5.399300	9.123060	.1212728	.2790342
#1	.0916275	-.080882	.0622346	.0838300	.0302517	84.07557	.4683906
#2	.0861362	-.074367	.0649896	.0923996	.0362952	84.10185	.4692910
#3	.0881905	-.078405	.0644939	.0847798	.0329778	84.26399	.4667169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054429	.0013476	30.96270	.1859131	.1380915	.3787580	182.5111
Stddev	.0000673	.0000716	.06575	.0008562	.0005655	.0024138	.3898
%RSD	1.237407	5.313846	.2123569	.4605263	.4095160	.6372849	.2135503
#1	.0053659	.0012650	30.93592	.1855259	.1380797	.3802375	182.0623
#2	.0054910	.0013886	30.91456	.1868945	.1375321	.3759726	182.7641
#3	.0054717	.0013894	31.03761	.1853189	.1386629	.3800639	182.7069

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.875095	62.59366	.2026608	.0115383	1.740504	.4019176	.2661777
Stddev	.003480	.13513	.0001232	.0013373	.823748	.0078434	.0040171
%RSD	.0898111	.2158813	.0607672	11.58994	47.32811	1.951494	1.509188
#1	3.878619	62.56336	.2025792	.0130442	.941647	.4094105	.2615498
#2	3.875008	62.74137	.2026007	.0110812	1.692796	.3937653	.2687639
#3	3.871660	62.47626	.2028025	.0104895	2.587069	.4025770	.2682195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.852313	3.667551	.0285599	-.000733	.6509729	1.092589	.0058026
Stddev	.120418	.004375	.0040729	.000097	.0019050	.006346	.0016074
%RSD	1.360305	.1193023	14.26078	13.21001	.2926421	.5808043	27.70151
#1	8.724132	3.666315	.0250590	-.000787	.6488906	1.097382	.0053555
#2	8.869736	3.672412	.0275907	-.000791	.6526281	1.094991	.0075862
#3	8.963070	3.663927	.0330299	-.000621	.6514000	1.085392	.0044660

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-13DLX2 Acquired: 12/21/2024 1:26:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5976223	-.051869	.0467208
Stddev	.0034273	.000307	.0016187
%RSD	.5734950	.5923962	3.464600
#1	.6015747	-.051723	.0485728
#2	.5954701	-.052223	.0460134
#3	.5958223	-.051663	.0455762

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.726	24547.61	2532.000	1703.344	2117.038
Stddev	5.077	18.79	9.979	3.603	5.088
%RSD	.2545043	.0765310	.3941093	.2115394	.2403195
#1	1996.990	24550.23	2520.981	1700.120	2122.125
#2	1998.277	24564.95	2534.592	1707.234	2117.038
#3	1988.911	24527.65	2540.427	1702.679	2111.950

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-14DLX2 Acquired: 12/21/2024 1:29:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0723011	-.046715	.0988166	.0593191	.0213639	68.09290	.7509518
Stddev	.0048478	.004648	.0022537	.0033484	.0030049	.13604	.0017704
%RSD	6.705045	9.949442	2.280724	5.644664	14.06554	.1997904	.2357583
#1	.0778457	-.044475	.1005996	.0591841	.0230588	68.00904	.7496870
#2	.0701955	-.052058	.0962834	.0627330	.0231384	68.24987	.7529751
#3	.0688622	-.043610	.0995667	.0560404	.0178944	68.01979	.7501932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055496	.0020375	35.91852	.0621521	.0962011	.2104319	128.9814
Stddev	.0000923	.0000669	.06972	.0005556	.0007643	.0060331	.2543
%RSD	1.662868	3.284341	.1941054	.8939457	.7944968	2.867022	.1971915
#1	.0055266	.0019643	35.85896	.0620857	.0958962	.2070934	128.8071
#2	.0056512	.0020524	35.99521	.0627379	.0956363	.2068060	129.2733
#3	.0054709	.0020956	35.90138	.0616326	.0970708	.2173964	128.8639

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.232633	35.59315	.0914923	.0088718	1.616101	.1680011	.3323408
Stddev	.014887	.24097	.0006588	.0006000	.639192	.0118415	.0047112
%RSD	.3517272	.6770074	.7200114	6.763280	39.55148	7.048481	1.417575
#1	4.223914	35.46850	.0912707	.0082065	.878228	.1723516	.3305956
#2	4.249823	35.87091	.0909729	.0090368	2.000002	.1770520	.3376755
#3	4.224163	35.44004	.0922333	.0093721	1.970073	.1545997	.3287512

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.37037	3.675698	.0233744	-.000043	.2797758	1.269565	.0011171
Stddev	.17021	.013446	.0026363	.000275	.0011813	.007781	.0013920
%RSD	1.496919	.3658169	11.27879	644.9592	.4222431	.6129008	124.6132
#1	11.23165	3.660403	.0208197	-.000012	.2810724	1.268085	.0011341
#2	11.56030	3.681031	.0260855	-.000332	.2787604	1.277980	-.000283
#3	11.31916	3.685660	.0232179	.000216	.2794945	1.262630	.002501

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-14DLX2 Acquired: 12/21/2024 1:29:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2891002	.0007224	.0505785
Stddev	.0012323	.0004130	.0017390
%RSD	.4262380	57.17517	3.438119
#1	.2884303	.0011618	.0491205
#2	.2883481	.0003422	.0525031
#3	.2905223	.0006631	.0501118

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2022.834	24799.43	2576.282	1722.616	2133.445
Stddev	4.128	97.28	9.555	10.139	3.268
%RSD	.2040521	.3922584	.3708780	.5886092	.1531809
#1	2025.000	24770.20	2582.173	1724.581	2136.177
#2	2018.074	24720.11	2565.257	1711.638	2129.825
#3	2025.428	24907.97	2581.415	1731.629	2134.335

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-15DLX2 Acquired: 12/21/2024 1:33:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0735029	-.054213	.0731675	.0650241	.0251333	80.21459	.8568968
Stddev	.0043082	.001559	.0006806	.0037225	.0011847	.51508	.0054861
%RSD	5.861193	2.875206	.9302348	5.724816	4.713563	.6421227	.6402329
#1	.0718497	-.053759	.0728850	.0607379	.0262328	79.66366	.8512340
#2	.0702661	-.052932	.0726736	.0674475	.0252885	80.29599	.8572691
#3	.0783928	-.055949	.0739439	.0668869	.0238787	80.68412	.8621873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061352	.0014997	39.07150	.0813546	.1015773	.1730293	145.3974
Stddev	.0000321	.0000765	.22124	.0004866	.0002491	.0036814	.7158
%RSD	.5224550	5.101231	.5662384	.5980976	.2452446	2.127625	.4922963
#1	.0061513	.0014926	38.85706	.0813480	.1018531	.1753722	144.5871
#2	.0061559	.0014271	39.05848	.0818445	.1013687	.1749296	145.6614
#3	.0060983	.0015796	39.29896	.0808714	.1015102	.1687860	145.9437

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.350751	38.92986	.1045850	.0088940	.9208315	.2000212	.3223270
Stddev	.023004	.24651	.0001590	.0007664	.5266335	.0044662	.0082198
%RSD	.5287381	.6332131	.1520145	8.617288	57.19108	2.232877	2.550149
#1	4.331053	38.64529	.1044494	.0082881	.5954383	.1949473	.3318181
#2	4.345166	39.06644	.1045457	.0086383	1.528424	.2017583	.3175072
#3	4.376033	39.07784	.1047600	.0097556	.638632	.2033578	.3176559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.82117	3.886037	.0279416	-.000627	.4686426	.9262299	.0039094
Stddev	.09631	.024062	.0014217	.000678	.0008732	.0051195	.0006256
%RSD	.6968440	.6191838	5.088045	108.2352	.1863210	.5527295	16.00301
#1	13.71260	3.905217	.0268023	-.000032	.4696161	.9206793	.0036891
#2	13.85456	3.893855	.0295348	-.000483	.4683834	.9272436	.0034237
#3	13.89634	3.859039	.0274877	-.001366	.4679285	.9307667	.0046153

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-15DLX2 Acquired: 12/21/2024 1:33:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5014770	.0191447	.0558963
Stddev	.0048950	.0001734	.0027565
%RSD	.9761173	.9058977	4.931440
#1	.4965833	.0192933	.0583647
#2	.5014744	.0189542	.0564023
#3	.5063734	.0191866	.0529218

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2073.065	25246.42	2639.944	1749.893	2171.971
Stddev	6.408	174.24	24.413	11.308	7.047
%RSD	.3091283	.6901662	.9247416	.6462383	.3244368
#1	2066.485	25282.58	2666.508	1749.427	2166.260
#2	2073.424	25056.94	2634.834	1738.825	2169.807
#3	2079.286	25399.75	2618.491	1761.427	2179.845

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-16DLX2 Acquired: 12/21/2024 1:37:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0984396	-.066282	.1163834	.0789139	.0283029	88.94540	.9233895
Stddev	.0037412	.003308	.0002730	.0048097	.0012904	.11624	.0033006
%RSD	3.800466	4.990086	.2346037	6.094921	4.559270	.1306904	.3574442
#1	.1011873	-.066255	.1161103	.0765014	.0283793	89.05716	.9266418
#2	.0941788	-.062988	.1166564	.0757879	.0269760	88.95391	.9200426
#3	.0999525	-.069602	.1163833	.0844524	.0295534	88.82514	.9234842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068842	.0023124	44.73232	.0765249	.1192093	.2662449	168.5255
Stddev	.0000180	.0000662	.08453	.0013192	.0002031	.0072270	.2117
%RSD	.2615112	2.864041	.1889633	1.723910	.1703335	2.714433	.1256043
#1	.0068945	.0022715	44.82979	.0772147	.1189797	.2630057	168.5085
#2	.0068948	.0022768	44.68803	.0773562	.1193652	.2745249	168.3229
#3	.0068635	.0023888	44.67914	.0750038	.1192829	.2612041	168.7452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.113061	45.78918	.1085227	.0116653	1.418116	.2438528	.3535749
Stddev	.013047	.04859	.0008517	.0009515	.220754	.0059774	.0073837
%RSD	.2551792	.1061265	.7848169	8.156718	15.56672	2.451252	2.088297
#1	5.126175	45.78560	.1077578	.0118096	1.668216	.2410783	.3521523
#2	5.112927	45.74247	.1094405	.0106498	1.250408	.2397668	.3615664
#3	5.100081	45.83946	.1083698	.0125363	1.335724	.2507133	.3470061

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50544	5.059363	.0323033	-.000318	.3739404	1.137699	.0054955
Stddev	.12387	.016267	.0049413	.000082	.0048095	.001799	.0008009
%RSD	.7988592	.3215223	15.29645	25.93446	1.286162	.1580923	14.57330
#1	15.63802	5.044913	.0359535	-.000295	.3710014	1.137640	.0046810
#2	15.48562	5.056194	.0266804	-.000249	.3794906	1.139527	.0055237
#3	15.39268	5.076981	.0342758	-.000409	.3713290	1.135931	.0062820

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-16DLX2 Acquired: 12/21/2024 1:37:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8401346	.0156189	.0645759
Stddev	.0031470	.0002274	.0053973
%RSD	.3745795	1.456035	8.357994
#1	.8431659	.0157952	.0707979
#2	.8403545	.0156993	.0611565
#3	.8368835	.0153622	.0617733

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.182	25148.77	2601.291	1743.267	2113.503
Stddev	2.708	124.76	5.605	6.632	3.330
%RSD	.1322167	.4960698	.2154593	.3804093	.1575502
#1	2050.883	25039.90	2600.829	1738.689	2117.337
#2	2048.197	25121.51	2595.932	1740.241	2111.338
#3	2045.467	25284.90	2607.113	1750.872	2111.834

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-17DLX2 Acquired: 12/21/2024 1:41:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0922628	-.058530	.1287002	.0660212	.0245972	84.74246	.9252083
Stddev	.0024059	.002599	.0000803	.0019690	.0016543	.29856	.0033558
%RSD	2.607601	4.441152	.0623897	2.982306	6.725561	.3523159	.3627037
#1	.0896272	-.061508	.1287504	.0642742	.0264465	84.61907	.9256107
#2	.0928203	-.056721	.1287426	.0681548	.0240869	84.52538	.9216695
#3	.0943410	-.057360	.1286076	.0656347	.0232582	85.08294	.9283448

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066337	.0026488	49.27167	.0796336	.1181368	.2238433	154.1233
Stddev	.0000751	.0000202	.20743	.0002944	.0003877	.0093763	.4194
%RSD	1.131785	.7630155	.4209860	.3696679	.3281436	4.188762	.2720935
#1	.0065473	.0026422	49.05449	.0795687	.1179382	.2293643	153.7677
#2	.0066828	.0026714	49.29282	.0799550	.1178888	.2130172	154.0166
#3	.0066711	.0026326	49.46772	.0793771	.1185836	.2291484	154.5858

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.000067	46.02844	.1121312	.0104876	.1764795	.2108653	.4080515
Stddev	.013783	.14830	.0010658	.0014143	.4675017	.0055070	.0061294
%RSD	.2756589	.3221846	.9504771	13.48584	264.9042	2.611611	1.502119
#1	4.991829	45.94403	.1127248	.0088901	.0299957	.2064974	.4125918
#2	4.992392	46.19967	.1127680	.0115802	.6996821	.2090470	.4104833
#3	5.015979	45.94162	.1109008	.0109925	-.200239	.2170515	.4010793

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.89434	5.001535	.0297888	.0000288	.6587269	1.452807	.0041218
Stddev	.05638	.013821	.0037202	.0001989	.0032467	.015183	.0011049
%RSD	.2983900	.2763353	12.48848	691.4739	.4928756	1.045075	26.80611
#1	18.89805	4.985597	.0318625	-.000196	.6607361	1.446594	.0030096
#2	18.94877	5.010210	.0320100	.000099	.6549812	1.441716	.0041366
#3	18.83620	5.008798	.0254940	.000183	.6604632	1.470111	.0052192

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-17DLX2 Acquired: 12/21/2024 1:41:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3664339	.0338157	.0619522
Stddev	.0051196	.0005246	.0027569
%RSD	1.397148	1.551225	4.450019
#1	.3625188	.0339672	.0605462
#2	.3722274	.0342479	.0601818
#3	.3645556	.0332321	.0651286

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.952	25162.63	2606.371	1745.478	2094.414
Stddev	10.322	71.18	23.421	8.431	6.114
%RSD	.5077366	.2828954	.8986209	.4830115	.2919046
#1	2038.258	25090.89	2614.580	1744.293	2099.197
#2	2039.541	25163.76	2624.584	1737.702	2096.519
#3	2021.056	25233.24	2579.950	1754.439	2087.526

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-18DLX2 Acquired: 12/21/2024 1:45:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782671	-.052297	.0913201	.0659449	.0228386	77.10716	.8994848
Stddev	.0017926	.003389	.0005538	.0017218	.0019889	.22228	.0025390
%RSD	2.290400	6.479613	.6064300	2.610982	8.708508	.2882750	.2822776
#1	.0801968	-.055783	.0908474	.0642103	.0250657	76.85563	.8967907
#2	.0779510	-.052092	.0919294	.0659707	.0212394	77.27717	.9018334
#3	.0766536	-.049015	.0911835	.0676536	.0222108	77.18869	.8998303

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058751	.0017981	40.90879	.0677487	.1093140	.1848505	144.7464
Stddev	.0001625	.0000300	.04420	.0002705	.0004318	.0080828	.3214
%RSD	2.766445	1.668996	.1080332	.3993287	.3950472	4.372616	.2220567
#1	.0057625	.0017670	40.86229	.0675476	.1093039	.1926308	144.5482
#2	.0060615	.0018006	40.95024	.0676424	.1097508	.1764958	144.5737
#3	.0058014	.0018268	40.91386	.0680563	.1088873	.1854248	145.1172

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.160826	42.05776	.0951276	.0096127	1.319881	.2057786	.3016841
Stddev	.018943	.22872	.0005260	.0006846	.343024	.0090454	.0025356
%RSD	.3670604	.5438325	.5529625	7.122334	25.98899	4.395675	.8404671
#1	5.141052	41.79496	.0956879	.0098011	1.690580	.1957779	.3041068
#2	5.178812	42.21187	.0950504	.0088535	1.255372	.2081700	.3018963
#3	5.162613	42.16645	.0946444	.0101833	1.013692	.2133881	.2990491

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.07614	4.275710	.0207644	-.000230	.3355663	1.110914	.0031907
Stddev	.11473	.014779	.0024182	.000365	.0055903	.009939	.0015650
%RSD	.9500842	.3456556	11.64587	158.3187	1.665934	.8946616	49.05058
#1	11.94380	4.287059	.0233837	.000043	.3400876	1.100630	.0049035
#2	12.13700	4.258998	.0186170	-.000644	.3293157	1.120467	.0018353
#3	12.14763	4.281072	.0202924	-.000089	.3372958	1.111646	.0028332

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-18DLX2 Acquired: 12/21/2024 1:45:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4212451	.0173990	.0571757
Stddev	.0023367	.0006179	.0031087
%RSD	.5547175	3.551303	5.437124
#1	.4229582	.0168047	.0564768
#2	.4221939	.0180380	.0605743
#3	.4185832	.0173542	.0544759

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.371	24876.37	2574.054	1728.115	2111.093
Stddev	3.682	57.97	10.101	5.836	2.589
%RSD	.1827116	.2330268	.3924073	.3376899	.1226348
#1	2016.628	24815.50	2579.581	1724.955	2108.490
#2	2011.225	24882.68	2562.396	1724.541	2111.122
#3	2018.261	24930.92	2580.186	1734.849	2113.668

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-19DLX2 Acquired: 12/21/2024 1:49:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0865607	-.065687	.1024013	.0742216	.0276441	87.37095	.9255884
Stddev	.0066972	.003660	.0016271	.0056370	.0020618	3.46488	.0370622
%RSD	7.736978	5.572165	1.588920	7.594765	7.458545	3.965708	4.004172
#1	.0942467	-.061561	.1010189	.0707533	.0252949	83.66620	.8855847
#2	.0834568	-.068544	.1019906	.0711858	.0291536	87.91505	.9324228
#3	.0819785	-.066957	.1041944	.0807258	.0284837	90.53158	.9587576

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068128	.0021296	45.39565	.0762385	.1217712	.1994622	164.5809
Stddev	.0003571	.0000878	1.84869	.0005973	.0006290	.0079579	6.7537
%RSD	5.241011	4.122644	4.072403	.7835029	.5165182	3.989683	4.103592
#1	.0065493	.0022203	43.46548	.0769277	.1210626	.1919150	157.4608
#2	.0066700	.0021236	45.57109	.0759169	.1222636	.1986961	165.3855
#3	.0072192	.0020450	47.15036	.0758708	.1219873	.2077754	170.8962

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.255578	46.46380	.1108145	.0096878	1.380080	.2308416	.3501806
Stddev	.203138	1.79643	.0006713	.0012464	.339528	.0041454	.0191514
%RSD	3.865181	3.866309	.6057709	12.86533	24.60207	1.795783	5.469018
#1	5.040746	44.51628	.1104782	.0084029	1.145079	.2288172	.3418447
#2	5.281445	46.81907	.1103779	.0097688	1.225808	.2280974	.3366098
#3	5.444543	48.05606	.1115875	.0108916	1.769353	.2356102	.3720872

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.65310	5.160770	.0261182	-.000798	.3593149	1.100427	.0043155
Stddev	.66894	.022220	.0020289	.000427	.0042392	.031213	.0010487
%RSD	4.899536	.4305649	7.768320	53.50521	1.179792	2.836482	24.30144
#1	12.95237	5.139295	.0244723	-.000403	.3552707	1.064962	.0031182
#2	13.72201	5.159346	.0254972	-.000740	.3589487	1.112597	.0050713
#3	14.28491	5.183668	.0283851	-.001250	.3637253	1.123723	.0047570

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-19DLX2 Acquired: 12/21/2024 1:49:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3451448	.0178108	.0602838
Stddev	.0149174	.0001669	.0035536
%RSD	4.322063	.9371819	5.894720
#1	.3303046	.0176464	.0573347
#2	.3449916	.0179801	.0592875
#3	.3601382	.0178058	.0642292

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2037.702	24896.95	2655.836	1726.028	2092.430
Stddev	4.832	123.09	78.236	6.997	5.668
%RSD	.2371303	.4943989	2.945803	.4053963	.2708978
#1	2043.271	24938.87	2741.047	1728.401	2098.058
#2	2034.620	24993.60	2639.215	1731.530	2092.512
#3	2035.215	24758.37	2587.246	1718.152	2086.722

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-20DLX2 Acquired: 12/21/2024 1:53:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0596633	-.046242	.0792508	.0596110	.0192402	67.64102	.7695969
Stddev	.0088458	.003327	.0039217	.0032283	.0011656	.19767	.0033880
%RSD	14.82620	7.194517	4.948514	5.415544	6.057853	.2922372	.4402272
#1	.0597855	-.044398	.0774183	.0561667	.0202930	67.86919	.7731160
#2	.0684474	-.044244	.0837534	.0625678	.0179877	67.52148	.7663574
#3	.0507571	-.050082	.0765809	.0600985	.0194400	67.53239	.7693174

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051847	.0014333	38.36175	.0559137	.0984818	.1366282	129.7936
Stddev	.0001415	.0000730	.06459	.0006335	.0007674	.0095336	.6510
%RSD	2.728878	5.092567	.1683778	1.132947	.7792399	6.977775	.5015706
#1	.0050841	.0013494	38.43341	.0566393	.0978641	.1473996	130.5119
#2	.0051234	.0014681	38.34383	.0554710	.0982404	.1292746	129.2426
#3	.0053465	.0014824	38.30801	.0556308	.0993409	.1332104	129.6262

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.570576	38.09235	.0842773	.0087452	1.502602	.1573890	.2864420
Stddev	.020410	.10630	.0007173	.0009555	.316425	.0054218	.0095620
%RSD	.4465495	.2790470	.8510753	10.92571	21.05849	3.444852	3.338184
#1	4.594053	38.21112	.0841667	.0098198	1.807713	.1623835	.2945511
#2	4.557055	38.00615	.0836217	.0084245	1.175961	.1581610	.2758980
#3	4.560619	38.05978	.0850434	.0079913	1.524132	.1516226	.2888769

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.06026	3.769696	.0208521	-.000144	.2951465	.8476957	.0027582
Stddev	.11429	.002380	.0019235	.000349	.0016361	.0049008	.0018510
%RSD	.9476437	.0631242	9.224312	242.8423	.5543219	.5781294	67.10828
#1	11.94690	3.766982	.0210135	-.000542	.2939016	.8531388	.0006383
#2	12.17545	3.771426	.0188530	.000108	.2945384	.8463149	.0040539
#3	12.05843	3.770679	.0226897	.000003	.2969995	.8436335	.0035823

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-20DLX2 Acquired: 12/21/2024 1:53:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2294010	.0194380	.0507874
Stddev	.0061249	.0002387	.0025719
%RSD	2.669939	1.228009	5.064074
#1	.2308947	.0195855	.0491748
#2	.2346409	.0191627	.0494339
#3	.2226675	.0195660	.0537534

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2012.247	24757.17	2552.913	1711.389	2131.437
Stddev	3.785	76.73	13.980	9.297	4.067
%RSD	.1881091	.3099168	.5476096	.5432469	.1908188
#1	2010.271	24671.06	2538.278	1704.645	2130.684
#2	2016.611	24818.29	2554.333	1721.995	2135.828
#3	2009.859	24782.14	2566.129	1707.528	2127.798

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-21DLX2 Acquired: 12/21/2024 1:57:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0535823	-.044877	.0786062	.0584991	.0191479	66.87613	.7606685
Stddev	.0020506	.006903	.0018528	.0023881	.0025334	.14104	.0026632
%RSD	3.826970	15.38278	2.357066	4.082275	13.23046	.2109003	.3501087
#1	.0540760	-.047863	.0766737	.0612563	.0220155	66.71356	.7582598
#2	.0513299	-.049785	.0803675	.0570831	.0172136	66.96578	.7602173
#3	.0553410	-.036983	.0787774	.0571578	.0182146	66.94906	.7635285

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052197	.0013004	37.90518	.0552246	.0978555	.1392670	128.0520
Stddev	.0001126	.0001242	.18980	.0001162	.0001320	.0049037	.4830
%RSD	2.156375	9.551795	.5007116	.2104202	.1349244	3.521079	.3772200
#1	.0053307	.0012017	37.70163	.0553157	.0980080	.1400183	127.5402
#2	.0051056	.0012596	37.93662	.0550937	.0977809	.1340309	128.1160
#3	.0052226	.0014399	38.07729	.0552643	.0977777	.1437516	128.4999

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.512179	37.83010	.0835188	.0085449	1.123823	.1560700	.2807231
Stddev	.005215	.16598	.0015646	.0016212	.594528	.0104897	.0051868
%RSD	.1155668	.4387386	1.873310	18.97215	52.90231	6.721172	1.847657
#1	4.506235	37.64147	.0850518	.0067904	1.227824	.1610241	.2782934
#2	4.515986	37.95378	.0819245	.0088568	.484156	.1440208	.2771971
#3	4.514315	37.89506	.0835800	.0099874	1.659489	.1631652	.2866787

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.84438	3.731506	.0218948	-.000423	.2908292	.8128907	.0028989
Stddev	.14702	.011087	.0033972	.000644	.0053251	.0066399	.0010554
%RSD	1.241283	.2971311	15.51586	152.0135	1.830993	.8168196	36.40641
#1	12.01278	3.721249	.0229774	.000069	.2930765	.8123320	.0039673
#2	11.74157	3.729999	.0246188	-.001152	.2847489	.8065478	.0028722
#3	11.77879	3.743270	.0180883	-.000188	.2946622	.8197922	.0018571

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-21DLX2 Acquired: 12/21/2024 1:57:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2271028	.0200815	.0508788
Stddev	.0024526	.0004954	.0029173
%RSD	1.079974	2.467151	5.733786
#1	.2255549	.0206114	.0479999
#2	.2258230	.0200035	.0538330
#3	.2299307	.0196298	.0508035

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2008.937	24820.24	2556.704	1718.821	2129.018
Stddev	5.633	194.55	4.366	15.292	2.973
%RSD	.2803986	.7838375	.1707628	.8896675	.1396599
#1	2002.463	24879.55	2557.012	1729.125	2125.698
#2	2012.722	24602.93	2560.908	1701.251	2129.921
#3	2011.625	24978.23	2552.193	1726.086	2131.436

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-20LDLX10 Acquired: 12/21/2024 2:00:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139417	-.009086	.0162848	.0144484	.0009301	14.38535	.1641984
Stddev	.0028615	.003276	.0015577	.0034511	.0018286	.03275	.0011392
%RSD	20.52448	36.05978	9.565428	23.88551	196.5993	.2276303	.6937873
#1	.0137822	-.005303	.0179808	.0118199	-.000081	14.35073	.1630441
#2	.0168796	-.010937	.0159554	.0131688	.003041	14.41582	.1642294
#3	.0111633	-.011018	.0149181	.0183565	-.000170	14.38950	.1653218

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012509	.0003240	8.160786	.0116546	.0222582	.0365095	27.83015
Stddev	.0000857	.0000373	.049510	.0001448	.0003103	.0043924	.11792
%RSD	6.849108	11.50207	.6066854	1.242570	1.394205	12.03093	.4237225
#1	.0013389	.0002938	8.201830	.0115803	.0219183	.0314435	27.72379
#2	.0011678	.0003125	8.105799	.0118214	.0225264	.0388307	27.80969
#3	.0012460	.0003657	8.174727	.0115619	.0223299	.0392544	27.95696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9840272	8.231916	.0169001	.0025345	.5190466	.0284063	.0606047
Stddev	.0017198	.043550	.0001812	.0009946	.1352238	.0089676	.0069223
%RSD	.1747739	.5290423	1.071970	39.24038	26.05235	31.56923	11.42213
#1	.9839615	8.208404	.0170194	.0026384	.5038177	.0361311	.0634486
#2	.9823412	8.282169	.0166916	.0034730	.3920819	.0185719	.0656521
#3	.9857789	8.205175	.0169893	.0014921	.6612402	.0305158	.0527133

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.224152	.7378981	.0021775	-.000416	.0531447	.1718392	-.003327
Stddev	.123021	.0059797	.0033978	.000095	.0012258	.0016620	.000627
%RSD	5.531124	.8103751	156.0412	22.88582	2.306502	.9672061	18.83443
#1	2.140325	.7311763	-.001614	-.000449	.0545326	.1699735	-.003304
#2	2.166749	.7426266	.004946	-.000490	.0526912	.1723825	-.003965
#3	2.365382	.7398913	.003200	-.000309	.0522102	.1731616	-.002712

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-20LDLX10 Acquired: 12/21/2024 2:00:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0482106	.0041826	.0159014
Stddev	.0028485	.0002220	.0011754
%RSD	5.908396	5.308453	7.391903
#1	.0453406	.0043866	.0171289
#2	.0482544	.0039461	.0157893
#3	.0510370	.0042150	.0147861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1867.703	23084.57	2378.975	1593.426	2151.233
Stddev	11.253	95.25	10.715	9.539	9.671
%RSD	.6025267	.4126197	.4503876	.5986504	.4495755
#1	1875.503	22986.81	2374.565	1585.574	2159.706
#2	1854.803	23177.10	2391.191	1604.042	2140.696
#3	1872.804	23089.79	2371.169	1590.664	2153.296

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-22DLX2 Acquired: 12/21/2024 2:04:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1490227	.0426423	.1204755	.2362011	.1875105	70.73642	4.599313
Stddev	.0021933	.0009127	.0010544	.0023430	.0007935	.34503	.021677
%RSD	1.471812	2.140289	.8752201	.9919368	.4231679	.4877659	.4713158
#1	.1502612	.0427571	.1196651	.2368372	.1884137	70.52186	4.586858
#2	.1464902	.0416777	.1200938	.2381602	.1869252	70.55299	4.586738
#3	.1503166	.0434922	.1216676	.2336057	.1871928	71.13442	4.624344

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1023607	.1011363	38.01781	.4533525	1.068742	.5935258	130.5272
Stddev	.0002632	.0001450	.20008	.0004136	.000610	.0054426	.4489
%RSD	.2570789	.1434064	.5262918	.0912319	.0570895	.9169901	.3438958
#1	.1024514	.1012876	37.98541	.4538055	1.069445	.5983177	130.2517
#2	.1025666	.1009984	37.83590	.4532567	1.068430	.5876085	130.2847
#3	.1020642	.1011228	38.23212	.4529951	1.068351	.5946512	131.0451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.502978	37.90060	1.080315	.0776390	1.069437	1.117935	1.133619
Stddev	.018519	.12356	.000887	.0016369	.454577	.005192	.015911
%RSD	.3365270	.3260227	.0821353	2.108313	42.50617	.4643840	1.403556
#1	5.492361	37.82186	1.081339	.0795011	1.464317	1.113987	1.119580
#2	5.492212	37.83693	1.079836	.0764275	1.171482	1.116003	1.130374
#3	5.524362	38.04302	1.079770	.0769882	.572510	1.123816	1.150902

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.91333	3.760967	.0221491	-.000912	.2950425	.8100490	.0015462
Stddev	.01866	.005359	.0033405	.000328	.0070335	.0023066	.0008296
%RSD	.1566005	.1425011	15.08184	35.97022	2.383888	.2847531	53.65431
#1	11.91507	3.760780	.0249392	-.000901	.2877758	.8105826	.0015838
#2	11.93105	3.755704	.0184475	-.001244	.2955346	.8075223	.0006984
#3	11.89386	3.766418	.0230608	-.000589	.3018170	.8120421	.0023563

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5188-22DLX2 Acquired: 12/21/2024 2:04:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZR8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2256722	.0175641	.0535179
Stddev	.0033597	.0002278	.0031785
%RSD	1.488737	1.297153	5.939118
#1	.2218154	.0174605	.0571454
#2	.2272384	.0174064	.0512207
#3	.2279628	.0178253	.0521876

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2007.283	24865.61	2563.405	1720.696	2130.847
Stddev	5.891	112.18	6.311	9.397	2.595
%RSD	.2934725	.4511650	.2461993	.5461017	.1217959
#1	2008.509	24860.64	2560.587	1722.993	2130.475
#2	2012.464	24980.19	2570.634	1728.731	2133.609
#3	2000.876	24755.99	2558.994	1710.363	2128.458

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV086 Acquired: 12/21/2024 2:08:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.800128	4.747109	24.49268	4.802590	4.827376	404.0612	10.19774
Stddev	.003514	.002619	.05259	.018930	.005225	.8074	.02149
%RSD	.0731971	.0551617	.2146999	.3941679	.1082449	.1998126	.2107395
#1	4.797094	4.744172	24.44996	4.811543	4.829204	404.2601	10.20221
#2	4.803978	4.747955	24.47667	4.780844	4.821482	403.1730	10.17437
#3	4.799312	4.749200	24.55141	4.815383	4.831442	404.7505	10.21664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5072558	2.462546	405.2264	15.31813	2.468007	15.01876	407.4275
Stddev	.0013950	.004350	.5337	.01943	.003110	.02689	.7595
%RSD	.2750045	.1766290	.1317024	.1268244	.1260290	.1790161	.1864176
#1	.5082790	2.459143	405.6486	15.32590	2.465875	15.02373	408.2637
#2	.5078215	2.461047	404.6265	15.29602	2.466570	14.98973	406.7806
#3	.5056668	2.467446	405.4040	15.33247	2.471576	15.04281	407.2381

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.00807	402.1736	2.484360	1.283488	403.3725	2.502847	14.94331
Stddev	.03311	.6891	.003369	.002866	.7432	.009183	.07498
%RSD	.2205834	.1713477	.1355941	.2232915	.1842364	.3669040	.5017474
#1	15.04581	402.4362	2.481075	1.286795	402.7619	2.508278	14.93424
#2	14.98390	401.3918	2.484198	1.281920	404.1999	2.508018	14.87328
#3	14.99451	402.6928	2.487807	1.281747	403.1556	2.492244	15.02241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.4654	4.888620	4.932954	4.791433	4.900546	4.918588	4.886823
Stddev	.3884	.016940	.014082	.006946	.016570	.018552	.004531
%RSD	.2581450	.3465244	.2854672	.1449728	.3381259	.3771719	.0927288
#1	150.8697	4.877365	4.948282	4.786930	4.887238	4.937422	4.881591
#2	150.0951	4.880392	4.929988	4.787936	4.895294	4.918008	4.889504
#3	150.4312	4.908102	4.920590	4.799433	4.919106	4.900333	4.889375

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV086 Acquired: 12/21/2024 2:08:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV086 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.998931	4.838324	5.121629
Stddev	.011665	.018989	.014028
%RSD	.2333522	.3924652	.2738934
#1	4.995531	4.857283	5.117731
#2	4.989344	4.819306	5.109963
#3	5.011919	4.838383	5.137194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1509.185	20073.61	2205.586	1271.116	1737.210
Stddev	3.544	77.28	10.959	5.553	2.824
%RSD	.2348213	.3850026	.4968950	.4368957	.1625514
#1	1506.080	20025.58	2192.931	1267.811	1734.828
#2	1513.046	20162.76	2211.914	1277.528	1740.329
#3	1508.429	20032.50	2211.912	1268.011	1736.473

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB086 Acquired: 12/21/2024 2:12:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042660	-.000211	-.000185	.0017549	-.002395	.0212262
Stddev	.0025254	.002085	.000650	.0021211	.001713	.0262945
%RSD	59.19934	989.0208	350.3835	120.8646	71.52202	123.8775
#1	.0028689	.000486	.000513	.0040222	-.004242	.0251368
#2	.0071813	.001436	-.000772	-.000181	-.000860	.0453463
#3	.0027478	-.002555	-.000297	.001423	-.002083	-.006805

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000338	.0001860	.0001627	-.007640	-.000001	.0000831
Stddev	.001161	.0001678	.0000361	.026749	.000460	.0001700
%RSD	343.5080	90.20540	22.19240	350.1337	66255.15	204.5324
#1	.000161	.0003622	.0001466	-.019328	-.000301	.0000292
#2	-.001666	.0001677	.0001375	-.026555	-.000231	-.000053
#3	.000490	.0000281	.0002040	.022965	.000529	.000274

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002845	.0273536	.0000928	.1446171	.0000908	-.000317
Stddev	.0054797	.0268177	.0006881	.0864157	.0005623	.000287
%RSD	1925.912	98.04102	741.5599	59.75481	619.5478	90.67712
#1	-.005989	.0482651	-.000403	.2235983	.0005999	-.000171
#2	.004137	-.002881	-.000196	.0523141	-.000513	-.000132
#3	.002705	.036677	.000878	.1579390	.000185	-.000647

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.113246	-.014518	.0046417	-.181930	-.004173	.0128512
Stddev	.200974	.014935	.0171285	.080856	.000841	.0011271
%RSD	18.05294	102.8696	369.0170	44.44330	20.14941	8.770015
#1	1.215485	-.021290	.0068052	-.124761	-.003244	.0128456
#2	1.242545	.002603	-.013466	-.274440	-.004882	.0139810
#3	.881708	-.024867	.020586	-.146589	-.004394	.0117269

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB086 Acquired: 12/21/2024 2:12:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB086 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001453	-.011643	-.004066	F -.011232	.0005689	.0002106
Stddev	.0000664	.005523	.000506	.000069	.0005184	.0002099
%RSD	45.71930	47.43042	12.45078	.6144998	91.11976	99.67496
#1	.0000817	-.016512	-.003705	-.011174	-.000007	.0004444
#2	.0002142	-.005642	-.004645	-.011308	.000998	.0001491
#3	.0001400	-.012776	-.003848	-.011213	.000716	.0000383

Elem	Li6707
Units	ppm
Avg	F .0291577
Stddev	.0027582
%RSD	9.459725
#1	.0273760
#2	.0323348
#3	.0277622

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1814.257	22519.68	2295.837	1547.359	2143.135
Stddev	4.880	4.70	5.349	6.100	4.547
%RSD	.2689745	.0208817	.2329973	.3942292	.2121850
#1	1812.522	22524.66	2290.472	1540.669	2141.345
#2	1819.767	22515.31	2301.170	1548.796	2148.305
#3	1810.482	22519.06	2295.868	1552.613	2139.755

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165688BL Acquired: 12/21/2024 2:16:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023006	.0003376	.0000537	.0008081	-.001979	-.019926
Stddev	.0044380	.0021485	.0018607	.0003703	.001810	.033517
%RSD	192.9104	636.3606	3466.639	45.82250	91.47680	168.2066
#1	.0071192	-.001266	-.000060	.0003821	-.000117	-.043770
#2	-.001619	.002779	-.001748	.0010530	-.003732	.018396
#3	.001401	-.000500	.001968	.0009892	-.002088	-.034404

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008980	.0001423	.0000766	.0155908	-.000742	.0000040
Stddev	.0015291	.0000071	.0000317	.0516635	.001063	.0000387
%RSD	170.2748	5.006896	41.41859	331.3711	143.2726	956.4911
#1	.0021805	.0001344	.0000771	.0509751	-.001339	.0000480
#2	-.000794	.0001443	.0001080	-.043696	.000485	-.000011
#3	.001308	.0001482	.0000446	.039493	-.001372	-.000025

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002390	.0009381	-.001021	.0453288	.0002434	.0003694
Stddev	.008261	.0469170	.001410	.0440727	.0002871	.0006805
%RSD	345.6162	5001.391	138.0197	97.22873	117.9612	184.2408
#1	.002620	-.009100	.000126	.0308544	.0002235	-.000206
#2	-.011925	-.040148	-.002595	.0103137	.0005399	.001120
#3	.002134	.052062	-.000595	.0948185	-.000033	.000194

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.285426	-.001921	-.012504	-.323878	-.003120	.0031023
Stddev	.810886	.006263	.009172	.196716	.002384	.0025784
%RSD	63.08304	326.0406	73.35672	60.73757	76.40934	83.11275
#1	1.444561	.004032	-.009058	-.146292	-.005557	.0051558
#2	2.004946	-.001342	-.022900	-.535327	-.003012	.0039425
#3	.406769	-.008453	-.005553	-.290016	-.000792	.0002086

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165688BL Acquired: 12/21/2024 2:16:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS688 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000271	-.005420	-.004107	-.005280	.0022973	-.000075
Stddev	.000259	.001689	.000820	.001815	.0009878	.000132
%RSD	95.57971	31.16152	19.96867	34.38494	42.99621	175.6737
#1	-.000004	-.006364	-.004106	-.007363	.0013955	-.000116
#2	-.000522	-.003470	-.004928	-.004435	.0021435	.000072
#3	-.000287	-.006427	-.003288	-.004040	.0033530	-.000182

Elem	Li6707
Units	ppm
Avg	F .0176902
Stddev	.0038809
%RSD	21.93819
#1	.0205985
#2	.0191887
#3	.0132835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1820.974	22684.14	2299.266	1560.544	2144.899
Stddev	5.977	56.88	13.208	11.648	9.684
%RSD	.3282042	.2507650	.5744608	.7463937	.4514930
#1	1814.321	22637.70	2284.301	1547.414	2133.879
#2	1822.710	22747.59	2309.296	1564.585	2152.050
#3	1825.890	22667.13	2304.202	1569.633	2148.769

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165688BS Acquired: 12/21/2024 2:20:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0211339	.0521039	.0207894	.0595046	.1053383	.4047405
Stddev	.0027888	.0024306	.0004344	.0053710	.0018518	.0133283
%RSD	13.19572	4.664836	2.089424	9.026192	1.757960	3.293060
#1	.0180054	.0520596	.0203902	.0600362	.1052927	.4098670
#2	.0220374	.0545562	.0207260	.0538875	.1072125	.4147444
#3	.0233589	.0496957	.0212520	.0645900	.1035098	.3896101

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4190300	.0104592	.0098801	10.20759	.0206471	.1010275
Stddev	.0027873	.0000604	.0000351	.06460	.0002486	.0003446
%RSD	.6651890	.5774914	.3549941	.6329024	1.203891	.3411090
#1	.4160627	.0104789	.0098452	10.21789	.0204324	.1011995
#2	.4215933	.0103915	.0099153	10.26643	.0205895	.1006308
#3	.4194338	.0105074	.0098798	10.13846	.0209194	.1012524

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0405695	.1673682	.0326321	10.50606	.0789443	.0205142
Stddev	.0071280	.0154596	.0007210	.05854	.0005952	.0007632
%RSD	17.56978	9.236870	2.209433	.5571788	.7539215	3.720364
#1	.0379109	.1628832	.0334503	10.44827	.0783719	.0196485
#2	.0351530	.1845745	.0323563	10.50457	.0789012	.0210899
#3	.0486447	.1546471	.0320898	10.56532	.0795599	.0208041

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30399	.1055169	.1231702	9.520829	F .0139513	F .0025730
Stddev	.30770	.0083582	.0102373	.197256	.0009391	.0026351
%RSD	2.722033	7.921219	8.311478	2.071838	6.731086	102.4134
#1	11.07007	.0981251	.1256051	9.293064	.0145475	.0054826
#2	11.18934	.1038387	.1119350	9.633188	.0144375	.0003471
#3	11.65255	.1145869	.1319705	9.636236	.0128688	.0018893

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165688BS Acquired: 12/21/2024 2:20:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS688 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186295	.1711044	F .4841319	F .0092627	.2052606	.2142879
Stddev	.0004699	.0003424	.0023943	.0016876	.0058639	.0008705
%RSD	2.522340	.2000955	.4945633	18.21906	2.856790	.4062306
#1	.0180959	.1712103	.4862315	.0073285	.1999310	.2132855
#2	.0189816	.1713814	.4815243	.0100248	.2043085	.2148529
#3	.0188110	.1707217	.4846400	.0104348	.2115422	.2147255

Elem	Li6707
Units	ppm
Avg	F .0478309
Stddev	.0040138
%RSD	8.391595
#1	.0479590
#2	.0517792
#3	.0437547

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.040	22398.12	2304.976	1547.498	2140.892
Stddev	6.798	168.54	6.711	13.384	7.156
%RSD	.3728851	.7524688	.2911460	.8648639	.3342546
#1	1819.937	22446.94	2297.918	1551.657	2137.128
#2	1830.836	22210.56	2305.733	1532.528	2149.144
#3	1818.348	22536.86	2311.276	1558.308	2136.403

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165688BSD Acquired: 12/21/2024 2:24:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD688 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126429	.0253356	.0073011	.0286148	.0494904	.1726309	.2092155
Stddev	.0039268	.0012263	.0016552	.0033584	.0017154	.0165491	.0054715
%RSD	31.05916	4.840362	22.67070	11.73645	3.466088	9.586403	2.615260
#1	.0106269	.0261360	.0059893	.0252836	.0489170	.1589803	.2043347
#2	.0171682	.0239238	.0091608	.0319997	.0481352	.1678753	.2151302
#3	.0101336	.0259470	.0067533	.0285611	.0514191	.1910372	.2081815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053473	.0050769	5.172205	.0108569	.0508404	.0279209	.0880222
Stddev	.0000736	.0001526	.118397	.0010092	.0002816	.0015084	.0162210
%RSD	1.377096	3.005375	2.289095	9.295854	.5538795	5.402273	18.42827
#1	.0053732	.0049374	5.074783	.0114082	.0505179	.0291279	.0962292
#2	.0054046	.0050536	5.303979	.0114705	.0509655	.0262300	.0693378
#3	.0052643	.0052398	5.137853	.0096921	.0510378	.0284048	.0984997

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154412	5.357950	.0398566	.0097819	6.400669	.0459461	.0708566
Stddev	.0010620	.152563	.0005502	.0010270	.494171	.0044896	.0116526
%RSD	6.877372	2.847415	1.380571	10.49935	7.720618	9.771356	16.44532
#1	.0148621	5.182380	.0400868	.0087510	6.003803	.0476572	.0734968
#2	.0147947	5.458259	.0392286	.0097897	6.244027	.0493285	.0809626
#3	.0166668	5.433211	.0402543	.0108050	6.954177	.0408526	.0581105

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.622046	.0045256	.0006066	.0091278	.0831473	.2420676	.0013448
Stddev	.031840	.0031029	.0024014	.0000852	.0019940	.0043630	.0001110
%RSD	.6888778	68.56408	395.8556	.9335860	2.398149	1.802382	8.253114
#1	4.586532	.0033251	.0004113	.0092253	.0848821	.2396805	.0013786
#2	4.648041	.0022023	-.001691	.0090674	.0809688	.2471033	.0012208
#3	4.631566	.0080494	.003100	.0090907	.0835911	.2394191	.0014349

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165688BSD Acquired: 12/21/2024 2:24:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD688 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1026562	.1073890	.0304983
Stddev	.0021262	.0018985	.0036862
%RSD	2.071148	1.767871	12.08645
#1	.1042501	.1055037	.0338980
#2	.1034765	.1093004	.0265805
#3	.1002421	.1073628	.0310165

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1819.549	22121.35	2279.091	1526.977	2148.892
Stddev	4.395	393.78	37.385	31.296	6.376
%RSD	.2415536	1.780087	1.640369	2.049560	.2967160
#1	1816.848	21776.65	2312.441	1501.047	2146.450
#2	1824.620	22036.89	2238.678	1518.142	2156.128
#3	1817.178	22550.50	2286.154	1561.740	2144.097

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-01DLX2 Acquired: 12/21/2024 2:28:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2068566	-.061193	.2631041	.0725340	.0254405	75.11222	.6465674
Stddev	.0041728	.002909	.0021363	.0033888	.0019843	.73043	.0080234
%RSD	2.017223	4.754039	.8119723	4.672067	7.799608	.9724535	1.240931
#1	.2054054	-.057846	.2608018	.0688517	.0234413	74.30939	.6382955
#2	.2036033	-.063115	.2634883	.0755219	.0274094	75.28976	.6470897
#3	.2115612	-.062617	.2650223	.0732282	.0254709	75.73752	.6543169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053667	.0043553	50.77887	.1933037	.1659392	.3249724	161.1083
Stddev	.0001443	.0000195	.59181	.0024758	.0013569	.0083514	1.9537
%RSD	2.688809	.4473414	1.165463	1.280784	.8177115	2.569863	1.212673
#1	.0054565	.0043355	50.10880	.1904839	.1644703	.3192534	159.1793
#2	.0052002	.0043558	50.99775	.1951214	.1662013	.3211076	161.0598
#3	.0054434	.0043745	51.23005	.1943057	.1671459	.3345561	163.0859

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.923254	50.54700	.1788503	.0110728	2.166811	.2959210	.8770013
Stddev	.054400	.67519	.0016026	.0007973	.255107	.0036184	.0130500
%RSD	1.104951	1.335771	.8960703	7.200045	11.77339	1.222743	1.488024
#1	4.864488	49.83781	.1781697	.0107023	2.068084	.2929784	.8619490
#2	4.933422	50.62109	.1777003	.0105283	2.456527	.2948236	.8851390
#3	4.971853	51.18209	.1806809	.0119879	1.975822	.2999610	.8839159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.85630	7.052021	.0499102	.0009545	4.052207	1.563172	.0011267
Stddev	.22122	.063547	.0026736	.0000939	.029145	.017739	.0018183
%RSD	1.060665	.9011106	5.356768	9.838656	.7192344	1.134796	161.3838
#1	20.60113	6.983261	.0468363	.0008733	4.022924	1.542747	-.000269
#2	20.97382	7.064216	.0511985	.0009328	4.052484	1.572044	.003183
#3	20.99395	7.108587	.0516956	.0010573	4.081212	1.574724	.000466

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-01DLX2 Acquired: 12/21/2024 2:28:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZF9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.035219	.1357587	.0534253
Stddev	.013583	.0009889	.0042629
%RSD	1.312059	.7284600	7.979221
#1	1.019917	.1346819	.0560230
#2	1.039889	.1359680	.0557474
#3	1.045849	.1366263	.0485054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1983.715	24665.23	2572.139	1709.931	2102.679
Stddev	11.567	194.81	15.166	16.646	14.585
%RSD	.5830976	.7898019	.5896343	.9735088	.6936590
#1	1990.992	24885.58	2589.649	1729.129	2113.621
#2	1989.776	24594.21	2563.676	1699.520	2108.296
#3	1970.377	24515.90	2563.093	1701.142	2086.121

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-02DLX2 Acquired: 12/21/2024 2:32:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4359613	-.042739	.1717847	.0635331	.0218509	55.81602	.8508368
Stddev	.0028759	.001830	.0021626	.0038843	.0027588	.18792	.0029786
%RSD	.6596760	4.281238	1.258885	6.113796	12.62543	.3366762	.3500817
#1	.4363618	-.042961	.1738968	.0591432	.0243673	55.72385	.8477857
#2	.4329061	-.040808	.1695750	.0649314	.0222842	55.69199	.8537373
#3	.4386160	-.044447	.1718822	.0665246	.0189011	56.03223	.8509873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041918	.0017501	44.56141	.3045047	.1143114	.1465591	135.3764
Stddev	.0001363	.0000940	.14564	.0029115	.0011489	.0030189	.4308
%RSD	3.250814	5.371523	.3268351	.9561572	1.005073	2.059847	.3181874
#1	.0043147	.0017370	44.45644	.3072671	.1156273	.1443963	134.9464
#2	.0040453	.0016633	44.50010	.3047830	.1135071	.1500080	135.3750
#3	.0042154	.0018499	44.72768	.3014640	.1138000	.1452728	135.8079

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.58360	37.01727	.2995384	.0097618	1.360303	.2254203	.3451787
Stddev	.02778	.18981	.0026694	.0003830	.403858	.0043264	.0015446
%RSD	.2624968	.5127580	.8911889	3.923302	29.68882	1.919270	.4474674
#1	10.55539	36.79819	.3025677	.0093211	1.813885	.2220311	.3452926
#2	10.58449	37.12149	.2975306	.0099504	1.039711	.2239365	.3435803
#3	10.61093	37.13214	.2985167	.0100140	1.227313	.2302934	.3466631

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.05780	5.087779	.0287473	.0004071	.8187560	1.715679	-.001763
Stddev	.06940	.032464	.0012242	.0003840	.0084948	.002337	.000556
%RSD	.6276215	.6380866	4.258294	94.34019	1.037530	.1362212	31.54810
#1	11.13735	5.121869	.0300513	.0007674	.8285198	1.718265	-.001320
#2	11.02645	5.057230	.0276228	.0004506	.8130590	1.713719	-.001581
#3	11.00961	5.084239	.0285679	.0000031	.8146894	1.715051	-.002387

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-02DLX2 Acquired: 12/21/2024 2:32:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5677967	.0723720	.0736578
Stddev	.0032968	.0003405	.0018725
%RSD	.5806281	.4704996	2.542219
#1	.5713878	.0724986	.0757456
#2	.5649071	.0719864	.0731011
#3	.5670952	.0726312	.0721268

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2018.850	24865.96	2554.398	1717.217	2136.914
Stddev	11.456	227.03	3.862	21.501	16.984
%RSD	.5674398	.9130313	.1511734	1.252101	.7948015
#1	2008.084	24708.73	2549.951	1698.931	2121.931
#2	2030.889	24762.91	2556.346	1711.817	2155.364
#3	2017.578	25126.25	2556.898	1740.904	2133.445

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-03DLX2 Acquired: 12/21/2024 2:35:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2794641	-.055041	.4270614	.0635661	.0246445	52.97006	.4636511
Stddev	.0021318	.002502	.0005122	.0014416	.0012712	.08639	.0019080
%RSD	.7628146	4.545765	.1199339	2.267804	5.158270	.1630968	.4115189
#1	.2817425	-.057923	.4266579	.0631630	.0259510	52.87140	.4623632
#2	.2775179	-.053775	.4268887	.0623690	.0245707	53.00661	.4658431
#3	.2791318	-.053425	.4276376	.0651663	.0234117	53.03218	.4627471

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044548	.0063215	27.63534	.1116802	.0899463	.2649351	131.9415
Stddev	.0001311	.0000918	.03979	.0006192	.0005833	.0033872	.0932
%RSD	2.943499	1.452067	.1439888	.5544147	.6485068	1.278487	.0706207
#1	.0043104	.0062562	27.59130	.1112928	.0904792	.2685250	131.8771
#2	.0044874	.0064264	27.66870	.1123943	.0900366	.2644845	131.8990
#3	.0045665	.0062819	27.64603	.1113535	.0893231	.2617958	132.0483

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.061500	33.95033	.1051824	.0101721	1.209947	.2054240	1.148539
Stddev	.002863	.14986	.0010222	.0015403	.656797	.0101510	.016798
%RSD	.0935259	.4414222	.9718456	15.14281	54.28314	4.941476	1.462561
#1	3.063354	33.97203	.1053272	.0110011	1.032729	.1950050	1.129861
#2	3.058202	33.79079	.1061244	.0083948	.659941	.2152838	1.162408
#3	3.062943	34.08816	.1040955	.0111203	1.937169	.2059833	1.153347

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.78044	5.691309	.0304080	.0010390	2.690651	1.580747	-.000859
Stddev	.15221	.004496	.0024242	.0004605	.013082	.003941	.001077
%RSD	1.029816	.0789963	7.972322	44.31982	.4862130	.2493022	125.3274
#1	14.68779	5.692117	.0322854	.0009605	2.687103	1.576448	.000137
#2	14.95611	5.686464	.0276711	.0006228	2.679709	1.581602	-.000713
#3	14.69742	5.695346	.0312676	.0015338	2.705142	1.584189	-.002002

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-03DLX2 Acquired: 12/21/2024 2:35:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.392403	-.015221	.0372802
Stddev	.002185	.000221	.0024669
%RSD	.1569427	1.454552	6.617172
#1	1.390192	-.015030	.0378237
#2	1.394561	-.015464	.0345869
#3	1.392457	-.015170	.0394301

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.593	24177.18	2487.129	1663.212	2121.807
Stddev	4.273	40.41	7.253	4.349	3.184
%RSD	.2181877	.1671469	.2916335	.2614639	.1500401
#1	1962.331	24223.82	2495.082	1662.408	2125.189
#2	1959.514	24155.33	2485.425	1659.322	2121.364
#3	1953.934	24152.40	2480.879	1667.907	2118.868

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-04DLX2 Acquired: 12/21/2024 2:39:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2496220	-.061365	.8106048	.0735554	.0259614	51.30504	.9810335
Stddev	.0047754	.001992	.0020652	.0023500	.0013235	.15798	.0020216
%RSD	1.913055	3.245367	.2547763	3.194800	5.097984	.3079285	.2060730
#1	.2543258	-.059161	.8102171	.0728614	.0273556	51.15303	.9788728
#2	.2497621	-.063036	.8087609	.0761742	.0247223	51.29369	.9828791
#3	.2447781	-.061898	.8128364	.0716306	.0258063	51.46839	.9813486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050263	.0088035	29.70368	.0868534	.0860029	.2765155	147.9514
Stddev	.0000409	.0000674	.05770	.0007553	.0002556	.0086451	.3624
%RSD	.8135530	.7655364	.1942402	.8695873	.2972013	3.126429	.2449227
#1	.0049802	.0087299	29.71415	.0872850	.0857184	.2822930	147.5332
#2	.0050582	.0088185	29.64146	.0859813	.0860770	.2665767	148.1736
#3	.0050406	.0088622	29.75542	.0872939	.0862132	.2806767	148.1473

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.529214	30.70391	.0895339	.0115803	.7577906	.1870403	1.909367
Stddev	.018938	.15097	.0007668	.0007277	.4297275	.0056248	.031175
%RSD	.5366066	.4917056	.8564107	6.284085	56.70795	3.007285	1.632749
#1	3.507726	30.53139	.0887211	.0107418	1.107318	.1935319	1.917742
#2	3.536444	30.76855	.0902444	.0120470	.888049	.1839760	1.874859
#3	3.543472	30.81181	.0896361	.0119521	.278005	.1836129	1.935499

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.86151	6.196017	.0315790	.0014792	2.447433	1.088710	.0037279
Stddev	.07900	.013387	.0011352	.0003729	.009249	.012450	.0008475
%RSD	.6142356	.2160588	3.594932	25.21046	.3779071	1.143569	22.73385
#1	12.79351	6.185672	.0318854	.0017681	2.437426	1.085066	.0039023
#2	12.94817	6.191242	.0303220	.0010582	2.449205	1.102576	.0028068
#3	12.84286	6.211137	.0325295	.0016113	2.455668	1.078489	.0044747

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-04DLX2 Acquired: 12/21/2024 2:39:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.328035	-.040569	.0376135
Stddev	.004065	.000096	.0010882
%RSD	.3061029	.2370247	2.893064
#1	1.331808	-.040493	.0383365
#2	1.323730	-.040677	.0381420
#3	1.328568	-.040537	.0363620

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2015.226	24894.73	2549.396	1719.592	2186.050
Stddev	7.647	97.50	17.738	5.324	7.795
%RSD	.3794786	.3916385	.6957655	.3095823	.3565963
#1	2019.651	24864.68	2547.605	1715.480	2189.191
#2	2019.630	25003.71	2532.622	1725.605	2191.786
#3	2006.395	24815.79	2567.962	1717.690	2177.175

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-05DLX2 Acquired: 12/21/2024 2:43:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2776004	-.060000	.5770020	.0624673	.0220650	53.35826	.5791038
Stddev	.0027285	.003736	.0008053	.0027038	.0007457	.08576	.0015512
%RSD	.9828845	6.226682	.1395636	4.328261	3.379476	.1607294	.2678653
#1	.2789595	-.057403	.5779230	.0593612	.0212055	53.45706	.5808228
#2	.2793823	-.064282	.5766527	.0642936	.0225392	53.31471	.5786801
#3	.2744592	-.058315	.5764304	.0637469	.0224504	53.30301	.5778084

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049522	.0074612	26.62797	.0926075	.0818886	.2187810	137.2840
Stddev	.0002147	.0000588	.10897	.0008533	.0004599	.0094532	.3157
%RSD	4.335635	.7886676	.4092180	.9214363	.5616387	4.320833	.2299808
#1	.0051877	.0074788	26.65042	.0928295	.0823360	.2083311	137.5164
#2	.0049016	.0073956	26.72396	.0933279	.0814171	.2212742	137.4111
#3	.0047673	.0075093	26.50953	.0916651	.0819128	.2267377	136.9245

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.271883	30.23104	.0895802	.0089780	1.516231	.1980490	1.558953
Stddev	.009356	.06994	.0011993	.0010908	.270917	.0074919	.014484
%RSD	.2859496	.2313502	1.338817	12.15005	17.86782	3.782843	.9290832
#1	3.280715	30.31086	.0893864	.0092497	1.829038	.1914515	1.542975
#2	3.272856	30.18049	.0884896	.0077770	1.363026	.2061937	1.562662
#3	3.262079	30.20178	.0908647	.0099073	1.356629	.1965017	1.571222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.05065	6.284775	.0275111	.0007954	2.313387	1.126534	.0000620
Stddev	.09202	.030153	.0007495	.0002580	.008600	.015186	.0009112
%RSD	.6113695	.4797732	2.724487	32.43838	.3717646	1.348022	1470.041
#1	15.07576	6.279784	.0277353	.0005711	2.310421	1.143350	-.000939
#2	15.12750	6.257428	.0266751	.0007377	2.306663	1.113822	.000843
#3	14.94869	6.317111	.0281230	.0010774	2.323078	1.122429	.000282

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-05DLX2 Acquired: 12/21/2024 2:43:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.523488	-.029827	.0358276
Stddev	.005850	.000239	.0037416
%RSD	.3839790	.8006085	10.44341
#1	1.530137	-.029901	.0400570
#2	1.521194	-.030020	.0329487
#3	1.519133	-.029560	.0344771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.758	24615.49	2512.938	1709.040	2147.519
Stddev	6.099	97.04	22.103	8.426	9.129
%RSD	.3063463	.3942427	.8795714	.4930319	.4251042
#1	1987.287	24672.72	2487.663	1715.325	2143.308
#2	1997.800	24670.30	2528.647	1712.331	2157.994
#3	1987.187	24503.44	2522.504	1699.465	2141.256

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-06DLX2 Acquired: 12/21/2024 2:47:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1572437	-.046154	.1627511	.0547583	.0200897	57.36261	.6112414
Stddev	.0036605	.007105	.0022346	.0044863	.0018344	.10321	.0045073
%RSD	2.327915	15.39434	1.373002	8.192992	9.131220	.1799330	.7373962
#1	.1543701	-.052345	.1611043	.0593981	.0219254	57.46994	.6163557
#2	.1559961	-.038396	.1652948	.0544339	.0182566	57.26407	.6095201
#3	.1613649	-.047719	.1618543	.0504430	.0200872	57.35383	.6078484

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049121	.0032652	38.64502	.0960269	.0923242	.1813473	128.6474
Stddev	.0001951	.0000683	.01917	.0003851	.0001393	.0063144	.6520
%RSD	3.971096	2.093305	.0496021	.4010411	.1509195	3.481950	.5068323
#1	.0048874	.0033268	38.66619	.0957337	.0924815	.1756125	129.3358
#2	.0051183	.0031916	38.62884	.0958840	.0922750	.1803153	128.0392
#3	.0047306	.0032771	38.64001	.0964630	.0922161	.1881142	128.5672

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.529550	34.50855	.1027325	.0081019	.8623336	.1609518	.5603793
Stddev	.015134	.11193	.0005453	.0005687	.2441972	.0092490	.0164549
%RSD	.4287666	.3243506	.5307543	7.019188	28.31819	5.746423	2.936379
#1	3.536120	34.63772	.1021202	.0075095	.8918711	.1563535	.5413852
#2	3.512241	34.44018	.1031655	.0086435	.6047111	.1715987	.5694531
#3	3.540288	34.44775	.1029118	.0081527	1.090419	.1549031	.5702997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.66754	5.561150	.0262761	.0000890	.9485039	1.367890	-.001248
Stddev	.08404	.010069	.0031880	.0008674	.0114865	.008650	.000918
%RSD	.5042088	.1810550	12.13255	974.6157	1.211015	.6323928	73.53420
#1	16.69675	5.550591	.0285198	-.000300	.9508384	1.375874	-.002280
#2	16.73307	5.562216	.0276815	-.000516	.9360295	1.369095	-.000523
#3	16.57279	5.570644	.0226269	.001083	.9586439	1.358700	-.000941

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-06DLX2 Acquired: 12/21/2024 2:47:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6847309	.0140619	.0390457
Stddev	.0072823	.0001432	.0032385
%RSD	1.063531	1.018667	8.294209
#1	.6925404	.0139223	.0388450
#2	.6835263	.0142085	.0359122
#3	.6781260	.0140550	.0423799

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1999.872	24713.24	2549.863	1708.064	2138.078
Stddev	5.340	52.98	16.820	3.061	3.012
%RSD	.2669934	.2143902	.6596372	.1792026	.1408517
#1	1999.117	24769.90	2530.552	1709.670	2137.595
#2	1994.951	24704.88	2557.727	1709.987	2135.338
#3	2005.549	24664.93	2561.311	1704.534	2141.302

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-07DLX2 Acquired: 12/21/2024 2:51:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0995405	-.040584	.1331414	.0479415	.0155643	57.87179	.7180719
Stddev	.0018798	.004368	.0006597	.0015431	.0020005	.41494	.0033490
%RSD	1.888490	10.76353	.4954853	3.218770	12.85284	.7170014	.4663939
#1	.0973770	-.045624	.1335358	.0497140	.0151057	57.56038	.7151954
#2	.1007748	-.038237	.1335087	.0468974	.0177542	57.71215	.7172718
#3	.1004696	-.037891	.1323798	.0472131	.0138330	58.34285	.7217486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052319	.0019211	30.39222	.1416181	.0894192	.1503092	106.7920
Stddev	.0000938	.0001886	.16739	.0004157	.0006619	.0096816	.7380
%RSD	1.792794	9.816505	.5507604	.2935302	.7401824	6.441150	.6910826
#1	.0051957	.0017918	30.24626	.1415263	.0886554	.1402775	106.1252
#2	.0051615	.0018341	30.35546	.1412559	.0897782	.1510522	106.6659
#3	.0053384	.0021375	30.57493	.1420720	.0898241	.1595979	107.5850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.472713	34.17399	.1582919	.0066488	1.697112	.1449844	.4549513
Stddev	.031454	.24929	.0018834	.0005411	.843177	.0095678	.0084544
%RSD	.9057414	.7294635	1.189840	8.138679	49.68307	6.599173	1.858308
#1	3.441617	34.03214	.1561667	.0072726	2.246942	.1555993	.4473201
#2	3.472008	34.02800	.1589545	.0063062	2.118051	.1370245	.4640396
#3	3.504513	34.46183	.1597544	.0063675	.726343	.1423292	.4534944

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.06335	5.042173	.0244268	-.000522	.9979344	1.127062	-.004178
Stddev	.13675	.067924	.0014248	.000768	.0104905	.012132	.000012
%RSD	.8513404	1.347117	5.832825	147.2354	1.051218	1.076400	.2984757
#1	16.04384	4.963751	.0229495	-.000036	.9859738	1.125813	-.004167
#2	15.93740	5.080321	.0257924	-.001407	1.005576	1.115603	-.004176
#3	16.20881	5.082447	.0245386	-.000122	1.002254	1.139770	-.004191

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-07DLX2 Acquired: 12/21/2024 2:51:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7992870	.0685241	.0648782
Stddev	.0063057	.0005443	.0018360
%RSD	.7889224	.7943246	2.829914
#1	.7932156	.0679773	.0639166
#2	.7988418	.0685291	.0637227
#3	.8058035	.0690659	.0669953

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.461	25193.00	2558.905	1748.689	2158.881
Stddev	29.630	24.86	22.175	12.970	28.865
%RSD	1.447134	.0986827	.8665783	.7417072	1.337030
#1	2081.247	25172.02	2569.980	1762.480	2192.057
#2	2025.903	25186.52	2573.361	1736.736	2139.523
#3	2035.232	25220.46	2533.374	1746.853	2145.062

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-08DLX2 Acquired: 12/21/2024 2:55:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1049958	-.032533	.1027017	.0432332	.0124001	48.89830	.6223443
Stddev	.0017371	.004019	.0004094	.0042138	.0017477	.28301	.0009366
%RSD	1.654404	12.35241	.3986031	9.746672	14.09392	.5787763	.1505002
#1	.1048310	-.036430	.1026009	.0419635	.0143893	48.57150	.6212889
#2	.1068094	-.032764	.1031521	.0479358	.0111108	49.06246	.6226674
#3	.1033470	-.028403	.1023522	.0398002	.0117003	49.06092	.6230767

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045957	.0013912	26.65285	.1246122	.0790662	.1270919	93.34049
Stddev	.0001962	.0000920	.21710	.0006999	.0005650	.0087592	.59482
%RSD	4.269610	6.613046	.8145608	.5616232	.7145560	6.892019	.6372602
#1	.0043759	.0014849	26.49147	.1240744	.0797118	.1246333	92.70620
#2	.0047530	.0013010	26.89968	.1254035	.0788250	.1368176	93.88582
#3	.0046583	.0013876	26.56740	.1243587	.0786619	.1198247	93.42945

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.853028	29.32308	.2831841	.0059865	1.445803	.1448609	.3568620
Stddev	.016371	.10147	.0009017	.0011420	.787892	.0082943	.0063488
%RSD	.5737982	.3460519	.3184160	19.07534	54.49510	5.725719	1.779067
#1	2.834886	29.20726	.2830383	.0068927	1.944712	.1525287	.3500377
#2	2.866697	29.39636	.2841498	.0063630	1.855205	.1360572	.3579548
#3	2.857502	29.36561	.2823641	.0047039	.537493	.1459966	.3625934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.74080	4.840611	.0194723	.0002254	.8334270	1.270253	-.004945
Stddev	.15859	.006173	.0035422	.0003576	.0009431	.004808	.002132
%RSD	1.154130	.1275295	18.19119	158.6303	.1131623	.3784725	43.11313
#1	13.69974	4.845802	.0161267	-.000156	.8323867	1.266549	-.007068
#2	13.91587	4.842247	.0231829	.000552	.8342261	1.275686	-.002804
#3	13.60677	4.833785	.0191074	.000280	.8336682	1.268525	-.004963

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-08DLX2 Acquired: 12/21/2024 2:55:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9425019	.0584830	.0529905
Stddev	.0039617	.0003609	.0024103
%RSD	.4203360	.6170787	4.548609
#1	.9379972	.0581480	.0528717
#2	.9454438	.0584359	.0506418
#3	.9440647	.0588652	.0554581

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1994.141	24502.67	2511.721	1694.014	2138.526
Stddev	3.940	62.41	10.140	4.843	1.546
%RSD	.1975773	.2546914	.4036885	.2858817	.0723067
#1	1998.690	24558.94	2521.815	1699.606	2139.452
#2	1991.841	24435.55	2501.537	1691.222	2136.741
#3	1991.891	24513.51	2511.809	1691.215	2139.386

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-09DLX2 Acquired: 12/21/2024 2:59:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943768	-.037084	.1206063	.0427775	.0141052	53.17870	.8465134
Stddev	.0008731	.001558	.0015132	.0007749	.0020555	.33843	.0063681
%RSD	.9251710	4.200276	1.254671	1.811494	14.57262	.6363967	.7522757
#1	.0933705	-.035993	.1219578	.0421356	.0161624	52.81475	.8396666
#2	.0949338	-.038868	.1208895	.0436383	.0120514	53.23745	.8476144
#3	.0948260	-.036391	.1189714	.0425586	.0141018	53.48391	.8522592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049789	.0018215	37.68637	.1467370	.0831271	.1176791	98.23667
Stddev	.0001261	.0000414	.13072	.0007004	.0002954	.0099554	.59455
%RSD	2.532586	2.275746	.3468694	.4773124	.3553833	8.459746	.6052196
#1	.0051211	.0017742	37.54962	.1463444	.0833651	.1175431	97.74096
#2	.0048806	.0018392	37.69939	.1463209	.0832198	.1277018	98.07319
#3	.0049350	.0018512	37.81009	.1475456	.0827965	.1077925	98.89585

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.751010	35.27573	.1730391	.0064152	1.241715	.1568727	.4885988
Stddev	.014394	.03914	.0007752	.0010777	.328350	.0031376	.0150050
%RSD	.5232280	.1109686	.4479993	16.79922	26.44328	2.000104	3.071026
#1	2.735797	35.23633	.1739151	.0071667	.898338	.1533011	.4715318
#2	2.752819	35.27624	.1727604	.0051805	1.274182	.1581321	.4997182
#3	2.764415	35.31461	.1724418	.0068986	1.552626	.1591850	.4945466

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	22.08960	8.316482	.0317003	.0008008	2.002259	1.432740	-.003046
Stddev	.21085	.019283	.0039079	.0002975	.009597	.004073	.001248
%RSD	.9545090	.2318648	12.32778	37.14534	.4793024	.2842798	40.98066
#1	21.89762	8.334433	.0315988	.0004607	2.005814	1.435899	-.003291
#2	22.05591	8.296098	.0278441	.0010125	1.991392	1.434177	-.001694
#3	22.31526	8.318914	.0356580	.0009293	2.009572	1.428143	-.004154

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-09DLX2 Acquired: 12/21/2024 2:59:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.465714	.1276175	.0644113
Stddev	.013783	.0001591	.0020359
%RSD	.9403386	.1246527	3.160696
#1	1.454412	.1277150	.0620605
#2	1.461663	.1274339	.0655962
#3	1.481069	.1277035	.0655772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1998.611	24579.45	2525.379	1697.480	2130.784
Stddev	1.222	117.27	2.828	10.382	3.558
%RSD	.0611181	.4771237	.1120018	.6115991	.1669772
#1	1997.550	24667.02	2524.161	1709.446	2127.403
#2	1998.337	24625.13	2523.364	1692.121	2134.496
#3	1999.947	24446.21	2528.613	1690.872	2130.453

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-10DLX2 Acquired: 12/21/2024 3:02:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0982174	-.037017	.1228388	.0401666	.0117797	52.07307	.7261411
Stddev	.0018699	.001583	.0017962	.0034874	.0012280	.17973	.0024224
%RSD	1.903866	4.275914	1.462260	8.682244	10.42455	.3451576	.3336008
#1	.0960883	-.035607	.1210404	.0373442	.0118891	52.04463	.7259734
#2	.0989713	-.038729	.1246328	.0390904	.0129494	51.90925	.7238069
#3	.0995928	-.036715	.1228432	.0440652	.0105007	52.26533	.7286430

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049431	.0021211	27.13138	.1442965	.0831779	.1164858	96.81610
Stddev	.0000759	.0001145	.01918	.0000222	.0004961	.0091263	.35902
%RSD	1.535135	5.400064	.0707029	.0154142	.5964401	7.834704	.3708295
#1	.0049828	.0020296	27.11564	.1442854	.0831262	.1249999	96.56547
#2	.0048556	.0020841	27.12575	.1442821	.0827097	.1068508	96.65543
#3	.0049908	.0022496	27.15274	.1443221	.0836978	.1176067	97.22740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.643779	33.61104	.1780818	.0058506	.8138043	.1514134	.4525508
Stddev	.009175	.27439	.0005468	.0013052	1.516641	.0106162	.0131500
%RSD	.3470362	.8163688	.3070292	22.30911	186.3643	7.011423	2.905760
#1	2.638131	33.39286	.1784947	.0055067	2.204971	.1624346	.4481762
#2	2.638841	33.52116	.1782890	.0072933	1.039464	.1412548	.4421456
#3	2.654366	33.91910	.1774617	.0047517	-.803023	.1505507	.4673305

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.08924	6.535862	.0204989	.0003151	.8322018	.8635676	-.003814
Stddev	.19062	.011898	.0010156	.0003135	.0049208	.0037426	.001877
%RSD	1.053756	.1820387	4.954579	99.48366	.5912969	.4333859	49.20544
#1	18.21030	6.528724	.0208530	.0000938	.8319657	.8604478	-.005743
#2	17.86951	6.529266	.0193537	.0006738	.8372363	.8625376	-.003706
#3	18.18790	6.549597	.0212902	.0001776	.8274032	.8677173	-.001994

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-10DLX2 Acquired: 12/21/2024 3:02:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZG8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.056561	.0746114	.0596566
Stddev	.009888	.0001430	.0046242
%RSD	.9358532	.1916740	7.751358
#1	1.055708	.0747597	.0617904
#2	1.047128	.0744743	.0543508
#3	1.066848	.0746002	.0628287

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2003.555	24840.78	2538.009	1717.164	2137.725
Stddev	3.635	36.75	5.521	4.910	4.942
%RSD	.1814158	.1479448	.2175427	.2859594	.2311767
#1	2007.479	24814.84	2539.627	1711.761	2142.950
#2	2000.303	24882.84	2542.540	1721.355	2133.126
#3	2002.883	24824.67	2531.859	1718.375	2137.100

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-11DLX2 Acquired: 12/21/2024 3:06:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0718005	-.033550	.0573334	.0356950	.0114085	33.05860	.3874384
Stddev	.0017759	.000715	.0015650	.0045657	.0018752	.06373	.0007879
%RSD	2.473344	2.130575	2.729562	12.79087	16.43687	.1927732	.2033590
#1	.0702055	-.034098	.0591329	.0374448	.0095581	33.09777	.3869596
#2	.0737141	-.032742	.0562902	.0391269	.0133076	32.98507	.3870079
#3	.0714818	-.033810	.0565773	.0305132	.0113596	33.09296	.3883478

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032850	.0009744	28.38196	.0733060	.0644037	.1148761	88.48946
Stddev	.0002001	.0000492	.04489	.0011437	.0003346	.0042809	.23553
%RSD	6.091675	5.047764	.1581572	1.560179	.5195916	3.726547	.2661689
#1	.0032818	.0010026	28.36005	.0740624	.0642432	.1159356	88.28199
#2	.0030866	.0009176	28.43360	.0719902	.0647883	.1101650	88.74548
#3	.0034868	.0010030	28.35224	.0738653	.0641795	.1185279	88.44090

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.999482	22.37665	.0763365	.0055438	1.265506	.1939099	.2417450
Stddev	.005161	.09783	.0003204	.0006614	.538002	.0074160	.0042227
%RSD	.2580975	.4371886	.4197657	11.93057	42.51278	3.824454	1.746763
#1	1.994675	22.36042	.0759674	.0061599	1.623630	.1983494	.2440939
#2	2.004935	22.48158	.0765434	.0048449	.646835	.1853486	.2368701
#3	1.998836	22.28796	.0764987	.0056265	1.526053	.1980317	.2442709

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.449466	2.840702	.0154875	-.000005	.4368845	.7982913	-.006293
Stddev	.023415	.009451	.0010597	.000140	.0021565	.0068962	.000510
%RSD	.6787867	.3326819	6.842627	3036.257	.4936036	.8638727	8.105414
#1	3.475725	2.830273	.0142744	-.000034	.4355338	.8055278	-.005862
#2	3.441914	2.843135	.0159546	.000148	.4357481	.7917950	-.006856
#3	3.430760	2.848698	.0162335	-.000127	.4393715	.7975511	-.006162

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-11DLX2 Acquired: 12/21/2024 3:06:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8488560	.0070865	.0266484
Stddev	.0050102	.0003594	.0036311
%RSD	.5902325	5.071530	13.62606
#1	.8435537	.0073943	.0241719
#2	.8535113	.0071736	.0308167
#3	.8495030	.0066915	.0249565

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.482	24155.77	2472.379	1672.313	2176.281
Stddev	1.421	51.19	9.202	7.671	1.093
%RSD	.0725950	.2119237	.3721932	.4586799	.0502379
#1	1957.292	24213.32	2462.324	1679.239	2177.472
#2	1956.166	24115.30	2480.383	1673.631	2175.323
#3	1958.989	24138.69	2474.428	1664.069	2176.048

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-12DLX2 Acquired: 12/21/2024 3:10:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1185216	-.036091	.1392613	.0421187	.0138591	39.18926	.4908832
Stddev	.0025087	.001985	.0006146	.0003519	.0024218	.09519	.0013032
%RSD	2.116641	5.499757	.4413088	.8353865	17.47436	.2429105	.2654706
#1	.1180423	-.038371	.1392098	.0417761	.0128646	39.13167	.4899045
#2	.1162872	-.034748	.1399001	.0424792	.0166198	39.13697	.4903827
#3	.1212354	-.035154	.1386742	.0421008	.0120929	39.29914	.4923624

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038278	.0016347	29.94039	.0782337	.0725863	.1680349	96.33931
Stddev	.0000251	.0001224	.04699	.0005053	.0004188	.0101346	.42228
%RSD	.6552965	7.486844	.1569604	.6458502	.5769209	6.031253	.4383268
#1	.0038259	.0017759	29.89919	.0779167	.0721036	.1753676	96.19789
#2	.0038037	.0015684	29.93040	.0779679	.0728522	.1722671	96.00589
#3	.0038538	.0015598	29.99158	.0788164	.0728031	.1564702	96.81415

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.355048	26.01146	.0990784	.0056491	2.609679	.1579562	1.024812
Stddev	.002628	.31351	.0002470	.0004549	.432486	.0015489	.008788
%RSD	.1115824	1.205287	.2492834	8.052080	16.57239	.9805962	.8574978
#1	2.354553	25.97178	.0989701	.0055235	3.038227	.1591243	1.021047
#2	2.352703	25.71968	.0989040	.0061535	2.173359	.1561992	1.018534
#3	2.357888	26.34293	.0993610	.0052701	2.617452	.1585452	1.034855

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.505891	3.564096	.0148018	.0004511	.4153174	1.131626	-.004813
Stddev	.246772	.003276	.0036810	.0001903	.0072711	.006310	.001045
%RSD	5.476658	.0919201	24.86886	42.17190	1.750724	.5575679	21.70647
#1	4.719868	3.565173	.0185973	.0002404	.4132710	1.134027	-.003623
#2	4.561865	3.560417	.0112470	.0005027	.4092888	1.124469	-.005241
#3	4.235939	3.566699	.0145610	.0006103	.4233924	1.136383	-.005576

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-12DLX2 Acquired: 12/21/2024 3:10:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9949351	.0487212	.0294272
Stddev	.0032498	.0007467	.0034066
%RSD	.3266317	1.532648	11.57630
#1	.9953382	.0495825	.0260568
#2	.9915026	.0482557	.0328688
#3	.9979645	.0483254	.0293561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1960.251	24254.10	2468.823	1677.665	2158.643
Stddev	6.381	24.93	8.271	4.434	4.728
%RSD	.3255149	.1027781	.3349996	.2643225	.2190423
#1	1957.145	24229.50	2465.409	1680.034	2155.169
#2	1967.590	24279.34	2478.254	1680.411	2164.028
#3	1956.017	24253.46	2462.806	1672.549	2156.733

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-13DLX2 Acquired: 12/21/2024 3:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1364066	-.032323	.0902245	.0408021	.0129957	47.55570	.6186051
Stddev	.0018746	.001122	.0006082	.0024555	.0030113	.05915	.0015320
%RSD	1.374293	3.471735	.6741085	6.018104	23.17130	.1243813	.2476504
#1	.1342499	-.033570	.0902425	.0387102	.0148213	47.50651	.6173596
#2	.1376453	-.032004	.0896075	.0401905	.0095201	47.62133	.6203157
#3	.1373246	-.031394	.0908235	.0435056	.0146457	47.53926	.6181400

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041785	.0014081	59.62439	.0930380	.0829414	.1759790	102.9808
Stddev	.0001365	.0000520	.19512	.0010034	.0009496	.0054059	.1740
%RSD	3.267664	3.696616	.3272538	1.078472	1.144951	3.071889	.1689840
#1	.0043145	.0014669	59.48870	.0924302	.0837407	.1713791	102.8369
#2	.0041794	.0013678	59.84801	.0924877	.0831919	.1746245	103.1742
#3	.0040415	.0013896	59.53647	.0941962	.0818916	.1819332	102.9312

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.948379	30.39374	.1010468	.0063802	9.354016	.1885343	.3282878
Stddev	.006293	.03229	.0019975	.0004290	.521469	.0030363	.0035288
%RSD	.2134314	.1062343	1.976854	6.724600	5.574817	1.610454	1.074911
#1	2.941787	30.39225	.1018172	.0067932	8.981761	.1909977	.3281915
#2	2.954322	30.42674	.1025444	.0059367	9.950021	.1894631	.3248082
#3	2.949028	30.36222	.0987787	.0064107	9.130265	.1851421	.3318639

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.484132	3.380105	.0250663	.0006572	4.333867	1.053356	-.004022
Stddev	.111396	.043236	.0015554	.0003218	.053863	.003328	.000830
%RSD	1.488431	1.279134	6.205134	48.96082	1.242831	.3159383	20.63388
#1	7.369237	3.400821	.0233167	.0006158	4.346967	1.055611	-.003199
#2	7.491494	3.409085	.0262924	.0009978	4.379971	1.049534	-.004008
#3	7.591665	3.330408	.0255897	.0003582	4.274662	1.054923	-.004859

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-13DLX2 Acquired: 12/21/2024 3:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8864500	.1023860	.0408702
Stddev	.0046892	.0000926	.0047476
%RSD	.5289836	.0904797	11.61632
#1	.8859816	.1023532	.0389410
#2	.8913558	.1024906	.0373909
#3	.8820126	.1023142	.0462787

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1996.485	24261.63	2504.181	1677.420	2160.944
Stddev	17.794	118.64	14.477	9.356	20.222
%RSD	.8912623	.4889863	.5781321	.5577322	.9357999
#1	1984.589	24369.89	2487.672	1686.055	2148.478
#2	1987.925	24280.18	2514.714	1678.725	2150.077
#3	2016.941	24134.81	2510.157	1667.481	2184.276

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-14DLX2 Acquired: 12/21/2024 3:18:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0732379	-.055353	.0578691	.0642162	.0227876	60.43591	.4580341
Stddev	.0037963	.002268	.0015658	.0019863	.0006304	.15328	.0012042
%RSD	5.183450	4.096622	2.705790	3.093122	2.766427	.2536166	.2629024
#1	.0772255	-.054829	.0574731	.0623375	.0221838	60.29153	.4579543
#2	.0728205	-.053393	.0595950	.0640162	.0227374	60.59675	.4592762
#3	.0696675	-.057837	.0565394	.0662949	.0234416	60.41945	.4568718

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048530	.0012852	23.75137	.1360633	.1006216	.1769544	136.3121
Stddev	.0001644	.0001133	.08681	.0009768	.0007663	.0028847	.3755
%RSD	3.386801	8.819133	.3654773	.7179252	.7615981	1.630179	.2754634
#1	.0048695	.0013779	23.70581	.1359018	.1000981	.1738976	135.8942
#2	.0050084	.0011588	23.85147	.1351772	.1015012	.1796288	136.4210
#3	.0046810	.0013188	23.69683	.1371108	.1002655	.1773366	136.6211

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.612263	39.67764	.1178845	.0065481	1.215416	.2425477	.2360799
Stddev	.008848	.12965	.0005151	.0005346	.262812	.0084263	.0029410
%RSD	.3387124	.3267500	.4369822	8.163503	21.62323	3.474062	1.245768
#1	2.605225	39.53336	.1183059	.0062233	.913719	.2421691	.2358824
#2	2.622196	39.71520	.1173103	.0071651	1.394633	.2511568	.2332426
#3	2.609368	39.78436	.1180375	.0062560	1.337894	.2343171	.2391146

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.48758	4.217397	.0260280	.0000778	.5124361	.7891285	-.001349
Stddev	.05280	.006480	.0030579	.0005306	.0054989	.0034361	.000756
%RSD	.3019488	.1536553	11.74855	681.8357	1.073091	.4354312	56.04814
#1	17.46192	4.218055	.0295589	-.000108	.5066338	.7893150	-.001336
#2	17.54831	4.223523	.0242434	-.000335	.5131040	.7924675	-.002112
#3	17.45250	4.210613	.0242817	.000676	.5175706	.7856029	-.000600

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-14DLX2 Acquired: 12/21/2024 3:18:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.045681	-.042590	.0389849
Stddev	.009788	.000137	.0024976
%RSD	.9360871	.3207458	6.406635
#1	1.035660	-.042484	.0378767
#2	1.055220	-.042542	.0372332
#3	1.046162	-.042744	.0418449

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.011	24476.91	2516.207	1693.575	2149.469
Stddev	3.277	99.25	9.066	7.376	2.467
%RSD	.1644004	.4054737	.3603090	.4355437	.1147814
#1	1989.295	24382.08	2513.535	1685.503	2149.569
#2	1995.484	24580.06	2508.776	1699.965	2146.953
#3	1994.254	24468.60	2526.308	1695.258	2151.885

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-15DLX2 Acquired: 12/21/2024 3:22:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0533380	-.030147	.0503254	.0312732	.0112843	25.63287	.2611797
Stddev	.0021244	.002385	.0019477	.0040299	.0009355	.04430	.0011059
%RSD	3.982802	7.911408	3.870109	12.88620	8.290390	.1728421	.4234262
#1	.0533713	-.030837	.0514854	.0269730	.0116820	25.65751	.2622838
#2	.0511971	-.032111	.0514140	.0318833	.0119552	25.65938	.2611835
#3	.0554454	-.027493	.0480768	.0349632	.0102156	25.58172	.2600720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026639	.0009470	19.33040	.0571065	.0497619	.0911531	74.42840
Stddev	.0001693	.0000791	.03678	.0003161	.0004039	.0093202	.30636
%RSD	6.355681	8.357462	.1902896	.5534781	.8115793	10.22481	.4116206
#1	.0027432	.0008834	19.30189	.0567968	.0492957	.0835922	74.64781
#2	.0027789	.0009220	19.31740	.0574286	.0499855	.1015662	74.55902
#3	.0024694	.0010356	19.37192	.0570943	.0500045	.0883011	74.07838

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.644226	17.29348	.0582854	.0042637	.8178781	.1687785	.2658950
Stddev	.005516	.19415	.0008236	.0005081	.5955343	.0128118	.0010003
%RSD	.3354520	1.122670	1.413074	11.91777	72.81455	7.590892	.3762048
#1	1.648029	17.44143	.0591351	.0042623	.9475845	.1719916	.2649883
#2	1.646749	17.36537	.0582304	.0047725	1.337870	.1796780	.2669681
#3	1.637901	17.07364	.0574906	.0037563	.168180	.1546660	.2657288

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.016875	2.318729	.0134088	.0001479	.1743669	1.007445	-.006226
Stddev	.069446	.004377	.0003682	.0001612	.0085175	.002782	.000477
%RSD	3.443254	.1887822	2.746217	109.0100	4.884790	.2761754	7.663094
#1	1.951035	2.314815	.0130701	-.000028	.1834703	1.007336	-.005921
#2	2.010154	2.317916	.0133555	.000288	.1730391	1.010280	-.005982
#3	2.089438	2.323455	.0138008	.000184	.1665914	1.004718	-.006776

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-15DLX2 Acquired: 12/21/2024 3:22:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8697714	-.010182	.0210810
Stddev	.0083071	.000322	.0051602
%RSD	.9550962	3.166174	24.47807
#1	.8753338	-.010415	.0270033
#2	.8737581	-.009814	.0186870
#3	.8602224	-.010317	.0175525

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.314	23826.26	2429.513	1643.324	2168.792
Stddev	5.280	81.62	7.312	6.918	4.792
%RSD	.2745036	.3425483	.3009493	.4209779	.2209488
#1	1918.281	23788.92	2421.101	1639.747	2163.872
#2	1928.809	23919.87	2433.098	1651.299	2173.445
#3	1922.850	23769.99	2434.340	1638.928	2169.058

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-16DLX2 Acquired: 12/21/2024 3:26:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1459240	-.049966	.1349525	.0623754	.0204129	69.67280	.6974644
Stddev	.0102574	.001860	.0035723	.0027104	.0039648	.44153	.0039112
%RSD	7.029300	3.722262	2.647107	4.345287	19.42302	.6337248	.5607770
#1	.1574691	-.049678	.1357384	.0641454	.0234070	69.66310	.6966327
#2	.1424424	-.051953	.1310526	.0637257	.0159165	69.23619	.6940360
#3	.1378606	-.048267	.1380664	.0592551	.0219153	70.11910	.7017246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052539	.0029407	60.87100	.1453908	.1270941	.4709101	145.9377
Stddev	.0000292	.0001223	.43433	.0006500	.0008489	.0069715	1.1264
%RSD	.5563996	4.160075	.7135179	.4470879	.6679040	1.480422	.7718395
#1	.0052332	.0029238	60.83331	.1458439	.1263631	.4760625	146.1536
#2	.0052873	.0028276	60.45675	.1446460	.1268942	.4629775	144.7190
#3	.0052411	.0030706	61.32295	.1456825	.1280251	.4736904	146.9406

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.872294	47.50487	.1601366	.0078959	1.803372	.3054618	.4642144
Stddev	.028505	.16914	.0004394	.0012373	.331859	.0051546	.0057158
%RSD	.5850457	.3560481	.2743622	15.67007	18.40215	1.687473	1.231283
#1	4.874395	47.41382	.1604692	.0091342	2.112735	.2995761	.4620533
#2	4.842797	47.40076	.1603019	.0066596	1.844525	.3076369	.4706957
#3	4.899691	47.70003	.1596385	.0078939	1.452856	.3091723	.4598943

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.37554	4.235043	.0282406	.0003638	1.134427	.9775338	.0003727
Stddev	.18523	.012644	.0004830	.0004622	.002329	.0016450	.0013552
%RSD	1.785268	.2985570	1.710241	127.0414	.2053142	.1682791	363.6562
#1	10.45787	4.241069	.0287899	-.000169	1.133810	.9792667	.0008606
#2	10.16341	4.220513	.0280495	.000657	1.132469	.9759937	-.001159
#3	10.50532	4.243546	.0278824	.000604	1.137003	.9773410	.001416

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-16DLX2 Acquired: 12/21/2024 3:26:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4657003	.0249027	.0548036
Stddev	.0045343	.0006837	.0022708
%RSD	.9736496	2.745559	4.143510
#1	.4668284	.0243955	.0573074
#2	.4607084	.0256803	.0528773
#3	.4695640	.0246323	.0542262

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1993.054	24520.09	2540.296	1699.901	2114.969
Stddev	3.857	65.31	15.248	9.015	1.132
%RSD	.1935012	.2663459	.6002646	.5303313	.0535396
#1	1996.944	24508.06	2543.545	1702.496	2116.277
#2	1989.231	24590.58	2553.658	1707.334	2114.308
#3	1992.988	24461.64	2523.684	1689.873	2114.323

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-17DLX2 Acquired: 12/21/2024 3:30:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1684131	-.045973	.1768703	.0517140	.0179047	68.37787	.9246460
Stddev	.0007007	.002703	.0022704	.0036619	.0001425	.17136	.0014553
%RSD	.4160657	5.879326	1.283682	7.081124	.7958158	.2506058	.1573869
#1	.1687472	-.048241	.1758864	.0559200	.0180577	68.20770	.9261436
#2	.1688843	-.042982	.1794668	.0492341	.0178806	68.37551	.9232371
#3	.1676079	-.046695	.1752578	.0499879	.0177758	68.55039	.9245574

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059050	.0032092	74.83779	.1237962	.1128072	.3658357	133.4883
Stddev	.0000749	.0000284	.19442	.0014293	.0003495	.0080133	.4097
%RSD	1.269158	.8862910	.2597928	1.154590	.3098558	2.190405	.3069293
#1	.0058234	.0032155	74.65420	.1230956	.1126135	.3614020	133.1541
#2	.0059207	.0032340	74.81769	.1254407	.1125973	.3610190	133.3654
#3	.0059708	.0031782	75.04148	.1228524	.1132107	.3750860	133.9454

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.941043	40.09113	.1475730	.0085518	1.037111	.2254814	.6123874
Stddev	.016012	.07596	.0011883	.0013611	.661141	.0031642	.0140477
%RSD	.4062779	.1894604	.8052434	15.91639	63.74830	1.403299	2.293920
#1	3.931295	40.16478	.1489364	.0083047	1.074854	.2254641	.5965738
#2	3.932311	40.01306	.1470259	.0100195	1.678572	.2286542	.6171662
#3	3.959522	40.09556	.1467568	.0073311	.357908	.2223259	.6234222

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.00342	5.251735	.0291992	.0009057	1.183084	1.050081	.0002757
Stddev	.12718	.011385	.0022349	.0007144	.003444	.002811	.0009850
%RSD	.9780301	.2167887	7.653837	78.87726	.2911278	.2677008	357.3160
#1	12.98046	5.238926	.0278831	.0000959	1.179133	1.046835	.0013984
#2	13.14052	5.255573	.0317796	.0014468	1.185454	1.051693	-.000443
#3	12.88929	5.260704	.0279349	.0011744	1.184664	1.051715	-.000128

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-17DLX2 Acquired: 12/21/2024 3:30:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8418040	.1188539	.0543062
Stddev	.0028035	.0004924	.0002817
%RSD	.3330388	.4142739	.5187563
#1	.8418631	.1183714	.0546135
#2	.8389714	.1188347	.0540602
#3	.8445776	.1193556	.0542448

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2031.206	24898.06	2580.651	1725.670	2115.188
Stddev	3.705	76.94	4.048	7.642	5.866
%RSD	.1823937	.3090162	.1568552	.4428318	.2773062
#1	2035.469	24952.32	2579.359	1723.892	2120.637
#2	2028.763	24810.01	2585.187	1719.075	2115.947
#3	2029.386	24931.86	2577.406	1734.045	2108.979

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV087 Acquired: 12/21/2024 3:33:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.780934	4.699486	24.33493	4.731740	4.755035	398.2370	10.05256
Stddev	.016704	.028053	.07140	.002818	.001661	2.1417	.05239
%RSD	.3493951	.5969360	.2934040	.0595559	.0349227	.5377928	.5211990
#1	4.771152	4.674025	24.27982	4.732721	4.753299	396.6578	10.03410
#2	4.771427	4.694874	24.30938	4.728563	4.756609	400.6747	10.11169
#3	4.800222	4.729560	24.41559	4.733937	4.755197	397.3784	10.01190

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4976167	2.447808	399.4599	15.22894	2.458385	14.79517	400.3974
Stddev	.0028371	.007666	1.6840	.02529	.008023	.08496	2.6552
%RSD	.5701432	.3131938	.4215596	.1660728	.3263496	.5742322	.6631514
#1	.4976796	2.441169	398.0409	15.20192	2.451627	14.76238	398.8317
#2	.5004219	2.446056	401.3207	15.23288	2.456276	14.89164	403.4631
#3	.4947487	2.456198	399.0181	15.25204	2.467252	14.73150	398.8973

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.77672	395.4358	2.464335	1.270131	395.9051	2.464998	14.73598
Stddev	.08824	2.4581	.005943	.003488	2.3640	.020712	.07480
%RSD	.5971373	.6216149	.2411650	.2745999	.5971227	.8402578	.5075871
#1	14.71459	393.7804	2.458632	1.266314	394.9589	2.473518	14.65812
#2	14.87772	398.2602	2.463881	1.273151	398.5957	2.480092	14.74254
#3	14.73785	394.2668	2.470492	1.270929	394.1608	2.441385	14.80729

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.3256	4.870168	4.844473	4.732681	4.851458	4.835316	4.870450
Stddev	.9960	.017719	.020160	.001451	.014714	.027970	.011669
%RSD	.6715284	.3638290	.4161452	.0306644	.3032808	.5784506	.2395945
#1	147.9076	4.854341	4.830863	4.732274	4.838561	4.820684	4.856980
#2	149.4626	4.866851	4.867633	4.734292	4.848329	4.867566	4.877462
#3	147.6068	4.889311	4.834922	4.731476	4.867485	4.817696	4.876910

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV087 Acquired: 12/21/2024 3:33:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV087 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.911312	4.769747	5.046009
Stddev	.018373	.028050	.025734
%RSD	.3740930	.5880740	.5099950
#1	4.899045	4.752732	5.032175
#2	4.932435	4.802122	5.075701
#3	4.902455	4.754387	5.030150

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1519.416	20180.24	2239.395	1278.899	1742.430
Stddev	4.018	33.59	13.350	2.946	1.993
%RSD	.2644166	.1664510	.5961346	.2303524	.1143721
#1	1518.706	20196.35	2240.264	1282.299	1744.723
#2	1515.800	20202.74	2225.632	1277.123	1741.119
#3	1523.741	20141.63	2252.289	1277.274	1741.448

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB087 Acquired: 12/21/2024 3:37:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000114	.0013137	.0025421	.0023915	-.003052	-.003296
Stddev	.002767	.0023115	.0011734	.0019788	.001282	.017270
%RSD	2420.995	175.9532	46.15741	82.74005	42.01329	523.9326
#1	.001938	-.000364	.0038210	.0013092	-.003682	-.006252
#2	-.003261	.003950	.0022903	.0046754	-.003898	.015261
#3	.000980	.000354	.0015151	.0011900	-.001577	-.018898

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002735	.0001414	.0002036	.0022288	.0005741	.0000434
Stddev	.0002005	.0001769	.0001174	.0249729	.0002978	.0001229
%RSD	73.29981	125.1011	57.65978	1120.462	51.87306	283.1050
#1	.0000717	-.000060	.0003060	.0258996	.0008218	.0001847
#2	.0002763	.000212	.0002292	-.023869	.0002437	-.000016
#3	.0004727	.000272	.0000755	.004656	.0006567	-.000038

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001960	.0013506	.0001352	.0745602	-.000331	.0013223
Stddev	.002867	.0259820	.0027036	.0961280	.000469	.0006319
%RSD	146.2762	1923.738	2000.079	128.9267	141.5353	47.78704
#1	.001039	-.005457	-.002779	.1852302	-.000715	.0020064
#2	-.004675	.030059	.002562	.0266210	.000192	.0007603
#3	-.002244	-.020550	.000622	.0118294	-.000471	.0012003

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5649293	-.004755	-.005844	-.237777	-.003864	.0146828
Stddev	.7134806	.010226	.008958	.111935	.000823	.0037394
%RSD	126.2956	215.0678	153.2905	47.07566	21.30829	25.46779
#1	.2675086	-.008463	-.007938	-.112755	-.003832	.0167015
#2	1.379004	.006808	.003976	-.328689	-.004703	.0169791
#3	.048275	-.012610	-.013569	-.271887	-.003058	.0103679

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB087 Acquired: 12/21/2024 3:37:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB087 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001014	-.008151	-.003828	F -.010284	.0026894	.0002701
Stddev	.0000470	.001837	.000776	.001054	.0021837	.0001784
%RSD	46.34454	22.53224	20.28160	10.24958	81.19713	66.04595
#1	.0000544	-.010162	-.003713	-.011212	.0052081	.0004732
#2	.0001015	-.006564	-.004655	-.010501	.0013281	.0001388
#3	.0001484	-.007725	-.003115	-.009138	.0015319	.0001983

Elem	Li6707
Units	ppm
Avg	F .0249040
Stddev	.0034653
%RSD	13.91472
#1	.0275019
#2	.0209694
#3	.0262408

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.374	22504.28	2293.242	1554.444	2151.508
Stddev	5.053	96.08	5.141	5.922	4.704
%RSD	.2772740	.4269359	.2241754	.3809469	.2186357
#1	1824.443	22399.23	2295.017	1548.246	2155.086
#2	1816.615	22525.94	2287.449	1560.044	2146.180
#3	1826.063	22587.69	2297.261	1555.042	2153.259

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-18DLX2 Acquired: 12/21/2024 3:41:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0840486	-.042936	.0799224	.0483169	.0176606	44.28174	.4514343
Stddev	.0032875	.004857	.0015897	.0041195	.0026335	.23280	.0040994
%RSD	3.911413	11.31247	1.989057	8.525912	14.91189	.5257271	.9080854
#1	.0862312	-.045353	.0816226	.0524372	.0203792	44.08522	.4473319
#2	.0802676	-.037344	.0784731	.0483154	.0174813	44.22116	.4514404
#3	.0856472	-.046110	.0796714	.0441982	.0151213	44.53884	.4555307

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0039807	.0016738	25.67075	.0884327	.0784741	.2855566	105.2537
Stddev	.0000438	.0001148	.09466	.0006575	.0003617	.0075310	.5206
%RSD	1.101154	6.856800	.3687489	.7434570	.4608851	2.637314	.4946152
#1	.0040108	.0018004	25.56568	.0877501	.0788178	.2920365	104.6721
#2	.0039304	.0016447	25.69717	.0890618	.0780968	.2772943	105.4128
#3	.0040009	.0015765	25.74939	.0884861	.0785076	.2873390	105.6761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.355914	28.46382	.0946248	.0063300	1.076194	.2087948	.4426708
Stddev	.011091	.01183	.0012491	.0017158	.664022	.0043927	.0013014
%RSD	.4707798	.0415622	1.320025	27.10564	61.70095	2.103848	.2939972
#1	2.344040	28.47564	.0959807	.0070589	1.585614	.2037395	.4440411
#2	2.357696	28.46385	.0935209	.0075609	.325204	.2109638	.4414515
#3	2.366006	28.45198	.0943728	.0043701	1.317764	.2116812	.4425197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.827841	3.236064	.0259067	-.000380	.3490517	.8366089	-.003261
Stddev	.091184	.003808	.0024499	.000297	.0011913	.0018250	.001092
%RSD	1.564635	.1176886	9.456525	78.14496	.3413049	.2181393	33.50311
#1	5.790566	3.233679	.0265427	-.000708	.3486996	.8384429	-.002639
#2	5.761199	3.234056	.0232016	-.000304	.3480760	.8365907	-.004522
#3	5.931758	3.240456	.0279760	-.000128	.3503793	.8347931	-.002621

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-18DLX2 Acquired: 12/21/2024 3:41:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7448511	-.001935	.0443764
Stddev	.0111647	.000130	.0012178
%RSD	1.498913	6.710139	2.744318
#1	.7341000	-.001938	.0435060
#2	.7440655	-.001804	.0438551
#3	.7563878	-.002063	.0457681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.938	24290.73	2488.564	1679.307	2169.568
Stddev	11.047	189.83	15.436	10.640	9.570
%RSD	.5601978	.7815093	.6202578	.6335778	.4410932
#1	1975.587	24189.68	2477.951	1668.967	2173.839
#2	1980.699	24509.72	2506.271	1690.223	2176.260
#3	1959.529	24172.80	2481.469	1678.732	2158.607

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-19DLX2 Acquired: 12/21/2024 3:45:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0458692	-.019062	.0452113	.0224709	.0058172	24.02160	.2938248
Stddev	.0060524	.002155	.0036887	.0023272	.0011779	.04303	.0013097
%RSD	13.19485	11.30687	8.158778	10.35670	20.24854	.1791383	.4457320
#1	.0400661	-.021527	.0437364	.0251560	.0067673	24.05487	.2930685
#2	.0453982	-.017529	.0424882	.0212212	.0044993	24.03693	.2930689
#3	.0521433	-.018131	.0494092	.0210354	.0061851	23.97301	.2953371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023406	.0006828	19.38596	.0440984	.0447564	.1003276	55.46996
Stddev	.0002080	.0000879	.05286	.0002567	.0004215	.0086333	.16313
%RSD	8.885224	12.87766	.2726608	.5820319	.9417123	8.605162	.2940921
#1	.0025358	.0006530	19.44687	.0442234	.0442698	.1071110	55.62251
#2	.0023642	.0007818	19.35218	.0442685	.0450048	.0906094	55.48939
#3	.0021219	.0006137	19.35883	.0438032	.0449948	.1032623	55.29798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.467867	15.38536	.0539698	.0041844	.8305558	.1100486	.1594822
Stddev	.003610	.05963	.0009685	.0006997	.3043012	.0070039	.0080514
%RSD	.2459099	.3875460	1.794535	16.72240	36.63826	6.364348	5.048489
#1	1.463701	15.44357	.0549827	.0048187	.6312762	.1020214	.1666090
#2	1.469826	15.38809	.0530529	.0043006	.6795664	.1132097	.1610892
#3	1.470073	15.32441	.0538738	.0034338	1.180825	.1149148	.1507485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.911815	1.897875	.0147114	-.000243	.2203571	.9569456	-.007461
Stddev	.184232	.007650	.0024454	.000462	.0030676	.0081289	.000692
%RSD	6.327051	.4030583	16.62259	190.1653	1.392093	.8494602	9.280857
#1	3.006619	1.894217	.0152705	-.000197	.2168813	.9595105	-.007150
#2	3.029338	1.892741	.0120349	-.000727	.2226859	.9634826	-.008254
#3	2.699487	1.906667	.0168289	.000194	.2215042	.9478436	-.006978

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-19DLX2 Acquired: 12/21/2024 3:45:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7316404	.0141833	.0252019
Stddev	.0017656	.0004505	.0010159
%RSD	.2413169	3.176609	4.031109
#1	.7318196	.0139420	.0263711
#2	.7297920	.0139049	.0246993
#3	.7333095	.0147031	.0245352

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.077	23827.82	2422.937	1645.699	2181.677
Stddev	2.997	85.64	11.756	7.383	1.891
%RSD	.1551181	.3594090	.4852030	.4486155	.0866896
#1	1930.976	23914.04	2428.664	1653.416	2183.677
#2	1929.786	23826.64	2409.415	1644.978	2179.918
#3	1935.469	23742.77	2430.733	1638.703	2181.436

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-20DLX2 Acquired: 12/21/2024 3:49:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0800898	-.041760	.0787585	.0472020	.0162808	43.84192	.3714855
Stddev	.0075565	.000938	.0017914	.0039564	.0001772	.20341	.0023194
%RSD	9.435032	2.247338	2.274558	8.381889	1.088215	.4639522	.6243519
#1	.0878093	-.041478	.0783196	.0486359	.0164363	43.60709	.3689733
#2	.0797523	-.042808	.0772272	.0502415	.0163180	43.95543	.3735454
#3	.0727076	-.040995	.0807285	.0427285	.0160879	43.96323	.3719379

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035254	.0012262	21.69482	.0977000	.0714646	.2726760	102.7018
Stddev	.0000954	.0000397	.10177	.0006247	.0003736	.0014407	.6102
%RSD	2.705622	3.241685	.4690853	.6394238	.5227152	.5283443	.5941214
#1	.0034416	.0012721	21.57868	.0972266	.0710679	.2742700	102.0387
#2	.0035055	.0012040	21.76840	.0984081	.0715162	.2714669	103.2396
#3	.0036292	.0012025	21.73737	.0974653	.0718096	.2722911	102.8270

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.165340	29.51029	.0928617	.0049146	1.129866	.2356664	.3448548
Stddev	.019692	.27256	.0001297	.0004474	.260656	.0046295	.0089125
%RSD	.9094245	.9236155	.1396190	9.103504	23.06964	1.964430	2.584428
#1	2.142739	29.21036	.0927828	.0053190	1.016867	.2303208	.3391766
#2	2.178799	29.74284	.0930113	.0044340	1.427954	.2383138	.3551270
#3	2.174483	29.57766	.0927909	.0049908	.944776	.2383646	.3402607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.564911	3.128390	.0229632	-.000003	.2367486	1.230180	-.004726
Stddev	.086604	.015825	.0011436	.000202	.0012300	.003790	.000797
%RSD	1.556244	.5058430	4.980131	6811.384	.5195286	.3081090	16.87012
#1	5.471725	3.129385	.0218138	-.000089	.2380762	1.225928	-.005255
#2	5.642928	3.112092	.0229749	.000228	.2365216	1.231410	-.003809
#3	5.580080	3.143694	.0241009	-.000147	.2356478	1.233203	-.005114

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-20DLX2 Acquired: 12/21/2024 3:49:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.078857	-.011808	.0363540
Stddev	.013095	.000280	.0051247
%RSD	1.213778	2.370349	14.09675
#1	1.064437	-.011693	.0420508
#2	1.090008	-.012127	.0348922
#3	1.082124	-.011603	.0321190

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1953.518	24161.35	2464.332	1670.891	2157.420
Stddev	2.572	182.79	2.288	9.917	1.970
%RSD	.1316655	.7565495	.0928422	.5934870	.0913123
#1	1955.773	23992.24	2462.999	1662.905	2157.398
#2	1954.066	24136.52	2463.022	1667.779	2159.400
#3	1950.717	24355.29	2466.974	1681.991	2155.460

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-21DLX2 Acquired: 12/21/2024 3:53:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0803786	-.043918	.0788684	.0447376	.0182909	43.93097	.3728254
Stddev	.0036272	.000494	.0029894	.0020449	.0019780	.18532	.0023429
%RSD	4.512693	1.125409	3.790335	4.570863	10.81413	.4218485	.6284078
#1	.0840843	-.044438	.0774836	.0425268	.0165242	43.85273	.3712666
#2	.0802162	-.043454	.0768226	.0465613	.0179207	43.79760	.3716899
#3	.0768352	-.043863	.0822991	.0451246	.0204279	44.14258	.3755196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036386	.0011926	21.72188	.0979670	.0711640	.2835539	102.8785
Stddev	.0000686	.0000444	.09041	.0003425	.0004833	.0032630	.3803
%RSD	1.884653	3.723033	.4162074	.3496083	.6791157	1.150761	.3696288
#1	.0036511	.0012375	21.72451	.0982020	.0706448	.2820668	102.4464
#2	.0037000	.0011487	21.63018	.0975740	.0712462	.2812994	103.0268
#3	.0035646	.0011918	21.81094	.0981249	.0716008	.2872956	103.1622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.173204	29.40664	.0928313	.0046726	1.153600	.2342536	.3484641
Stddev	.005644	.08233	.0010904	.0002913	.594416	.0115766	.0087036
%RSD	.2597192	.2799549	1.174588	6.234710	51.52708	4.941899	2.497697
#1	2.169500	29.34684	.0939119	.0045244	1.290960	.2210198	.3564126
#2	2.170411	29.37254	.0928505	.0050082	1.667310	.2425037	.3391637
#3	2.179700	29.50053	.0917314	.0044852	.502528	.2392373	.3498160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.638431	3.128192	.0229305	-.000014	.2344971	1.221645	-.003258
Stddev	.153769	.002763	.0008393	.000214	.0018995	.007638	.001620
%RSD	2.727153	.0883381	3.660284	1532.074	.8100387	.6251872	49.72676
#1	5.467581	3.131044	.0237631	.000212	.2339218	1.215234	-.002206
#2	5.681994	3.125527	.0220846	-.000040	.2329518	1.219607	-.002444
#3	5.765718	3.128006	.0229439	-.000214	.2366178	1.230095	-.005124

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-21DLX2 Acquired: 12/21/2024 3:53:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.084525	-.011858	.0361326
Stddev	.005666	.000233	.0036860
%RSD	.5223975	1.968490	10.20122
#1	1.080809	-.012126	.0325506
#2	1.091046	-.011702	.0359327
#3	1.081721	-.011746	.0399144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1955.040	24056.78	2464.688	1663.540	2162.657
Stddev	6.465	73.15	7.488	3.617	5.056
%RSD	.3307004	.3040656	.3038205	.2174234	.2338087
#1	1960.079	23989.63	2468.277	1660.868	2165.527
#2	1957.292	24045.98	2469.705	1662.096	2165.625
#3	1947.750	24134.73	2456.080	1667.656	2156.818

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-20LDLX10 Acquired: 12/21/2024 3:57:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153898	-.009866	.0140549	.0105006	.0019256	8.988953	.0760953
Stddev	.0038269	.003401	.0023676	.0026126	.0043189	.068627	.0008299
%RSD	24.86670	34.46903	16.84560	24.88062	224.2876	.7634618	1.090656
#1	.0188369	-.013773	.0139111	.0116142	-.001052	8.964824	.0756261
#2	.0112718	-.007571	.0164911	.0075157	-.000050	8.935648	.0756063
#3	.0160608	-.008254	.0117624	.0123718	.006879	9.066386	.0770536

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008018	.0003373	4.496512	.0193251	.0150224	.0520892	21.22555
Stddev	.0000603	.0000944	.031885	.0001643	.0001255	.0047932	.22301
%RSD	7.522143	27.99912	.7091004	.8503749	.8350705	9.201887	1.050677
#1	.0008355	.0003735	4.486348	.0194456	.0150723	.0466491	21.14553
#2	.0007321	.0002301	4.470949	.0193917	.0148797	.0556919	21.05358
#3	.0008377	.0004083	4.532240	.0191379	.0151153	.0539264	21.47753

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4497244	6.174927	.0178353	.0007992	.3078828	.0443074	.0726237
Stddev	.0025069	.172380	.0002472	.0006158	.7812666	.0045141	.0071916
%RSD	.5574388	2.791604	1.385753	77.04713	253.7546	10.18821	9.902547
#1	.4478088	5.977478	.0181035	.0000887	-.591955	.0463564	.0760566
#2	.4488027	6.295450	.0176167	.0011303	.813454	.0391322	.0643590
#3	.4525617	6.251853	.0177859	.0011786	.702149	.0474337	.0774556

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6710443	.6108514	.0044076	.0001686	.0360655	.2649007	-.011507
Stddev	.0647150	.0028788	.0006937	.0004387	.0019995	.0011763	.000685
%RSD	9.643927	.4712748	15.73785	260.1293	5.544158	.4440664	5.956630
#1	.5963187	.6077829	.0048695	.0004782	.0371308	.2639489	-.010776
#2	.7081049	.6112785	.0047433	-.000333	.0373067	.2645373	-.012136
#3	.7087094	.6134928	.0036099	.000361	.0337589	.2662158	-.011608

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-20LDLX10 Acquired: 12/21/2024 3:57:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2203639	-.002373	.0111556
Stddev	.0060562	.000067	.0009170
%RSD	2.748260	2.828937	8.220332
#1	.2156006	-.002305	.0114489
#2	.2183117	-.002439	.0101278
#3	.2271796	-.002374	.0118900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1861.940	23149.38	2356.743	1593.664	2157.460
Stddev	3.914	84.93	11.521	7.836	3.521
%RSD	.2102137	.3668599	.4888551	.4917045	.1632078
#1	1864.965	23117.82	2369.872	1592.408	2161.518
#2	1857.519	23084.76	2352.033	1586.533	2155.655
#3	1863.335	23245.57	2348.322	1602.053	2155.208

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-22DLX2 Acquired: 12/21/2024 4:01:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1666367	.0497111	.1145676	.2296723	.1888688	46.77609	4.314102
Stddev	.0024516	.0020048	.0016239	.0034223	.0011446	.11540	.016523
%RSD	1.471243	4.032846	1.417427	1.490092	.6060479	.2467070	.3829915
#1	.1638503	.0477629	.1128355	.2296136	.1901456	46.84549	4.320164
#2	.1675970	.0517680	.1148115	.2262797	.1885260	46.64287	4.295405
#3	.1684628	.0496022	.1160557	.2331236	.1879347	46.83990	4.326738

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047898	.1005560	21.33543	.5108220	1.047569	.7328987	102.5366
Stddev	.0002840	.0004257	.06488	.0017991	.003233	.0065011	.4701
%RSD	.2709777	.4233178	.3040782	.3521980	.3086199	.8870374	.4584224
#1	.1050500	.1004542	21.27248	.5118296	1.046193	.7253921	102.7335
#2	.1048325	.1001905	21.33175	.5118916	1.045251	.7366020	102.0001
#3	.1044869	.1010234	21.40207	.5087449	1.051262	.7367020	102.8761

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.126443	28.77790	1.088598	.0777205	1.445826	1.217879	1.197708
Stddev	.008796	.20484	.004067	.0009165	.378051	.017242	.011287
%RSD	.2813386	.7117884	.3735809	1.179228	26.14779	1.415718	.9423949
#1	3.132568	28.97436	1.085914	.0782478	1.012972	1.222625	1.200183
#2	3.116364	28.56560	1.086603	.0782516	1.711254	1.198762	1.185389
#3	3.130398	28.79375	1.093277	.0766623	1.613250	1.232251	1.207552

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.488949	3.066741	.0199733	-.000627	.2307398	1.223515	-.004023
Stddev	.119585	.013470	.0015056	.000920	.0004546	.005479	.000870
%RSD	2.178652	.4392332	7.538091	146.6648	.1970137	.4477725	21.61422
#1	5.529065	3.062723	.0190356	-.001645	.2303811	1.225590	-.003810
#2	5.354464	3.055736	.0217100	-.000382	.2312510	1.227653	-.004979
#3	5.583319	3.081762	.0191744	.000145	.2305872	1.217302	-.003280

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5185-22DLX2 Acquired: 12/21/2024 4:01:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZN8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.054358	-.013592	.0309597
Stddev	.008927	.000275	.0010628
%RSD	.8466743	2.021714	3.432809
#1	1.058783	-.013803	.0316547
#2	1.044083	-.013281	.0297363
#3	1.060208	-.013691	.0314883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.546	24485.58	2482.823	1688.003	2177.908
Stddev	3.828	79.77	12.712	2.425	4.751
%RSD	.1946412	.3257975	.5119908	.1436609	.2181239
#1	1969.186	24393.69	2468.175	1685.701	2181.760
#2	1968.297	24525.89	2489.327	1687.774	2179.364
#3	1962.156	24537.15	2490.967	1690.535	2172.600

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165654BL Acquired: 12/21/2024 4:04:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS654 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005984	.0011793	-.002720	.0014477	-.004324	-.030655
Stddev	.0027878	.0010219	.002667	.0050804	.002885	.011373
%RSD	465.8610	86.65361	98.05196	350.9334	66.70986	37.10177
#1	.0029083	.0021787	.000356	-.000949	-.004992	-.036288
#2	.0013852	.0001362	-.004133	-.001991	-.006817	-.038112
#3	-.002498	.0012231	-.004382	.007283	-.001164	-.017564

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000165	.0000607	.0000675	-.003853	-.001795	.0000854
Stddev	.0009434	.0001285	.0001282	.010498	.000892	.0002266
%RSD	5719.676	211.6309	190.0347	272.4359	49.70033	265.2199
#1	.0002114	-.000080	-.000041	-.015814	-.002747	.0002911
#2	-.001009	.000092	.000034	.000422	-.001661	-.000157
#3	.000847	.000171	.000209	.003832	-.000978	.000123

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.006586	-.017095	-.000597	.0012802	.0000989	.0002702
Stddev	.009720	.029457	.002057	.0472528	.0004239	.0008624
%RSD	147.5833	172.3150	344.5001	3691.147	428.6041	319.2233
#1	.000671	-.039639	-.000476	.0466448	-.000246	.0009652
#2	-.002800	-.027879	-.002712	-.047658	.000572	.0005403
#3	-.017629	.016234	.001397	.004854	-.000030	-.000695

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3804331	.0002767	.0019628	-.355032	-.005534	-.001810
Stddev	.4040230	.0011158	.0127871	.155328	.001231	.004299
%RSD	106.2008	403.1811	651.4750	43.75049	22.23564	237.5352
#1	-.008168	.0010597	-.012494	-.513228	-.004971	-.006304
#2	.351179	-.001001	.011791	-.202740	-.004686	-.001391
#3	.798288	.000771	.006591	-.349127	-.006946	.002264

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165654BL Acquired: 12/21/2024 4:04:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS654 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000115	-.005249	-.004642	F -.014199	.0001509	-.000004
Stddev	.000576	.002955	.000725	.001613	.0031715	.000195
%RSD	498.9937	56.30216	15.62118	11.36190	2102.173	4791.493
#1	-.000171	-.002388	-.005056	-.012897	.0022735	-.000226
#2	.000486	-.005068	-.003805	-.016004	-.003495	.000142
#3	-.000661	-.008290	-.005066	-.013696	.001674	.000071

Elem	Li6707
Units	ppm
Avg	.0087139
Stddev	.0017910
%RSD	20.55309
#1	.0102911
#2	.0067669
#3	.0090838

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.847	22562.75	2288.681	1553.622	2150.111
Stddev	6.791	192.24	20.471	11.515	7.363
%RSD	.3723225	.8520083	.8944625	.7411756	.3424502
#1	1816.081	22358.62	2267.742	1540.701	2141.870
#2	1828.670	22589.32	2289.650	1557.366	2156.044
#3	1826.790	22740.33	2308.650	1562.799	2152.417

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165654BS Acquired: 12/21/2024 4:08:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS654 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0244714	.0497901	.0180796	.0571313	.1017830	.3998343
Stddev	.0029512	.0027145	.0013210	.0042718	.0031195	.0269803
%RSD	12.05985	5.451787	7.306587	7.477087	3.064870	6.747860
#1	.0230913	.0524374	.0182447	.0522585	.0996658	.4070171
#2	.0224631	.0470131	.0166839	.0589045	.1053654	.4224963
#3	.0278598	.0499198	.0193104	.0602309	.1003178	.3699895

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4146888	.0105408	.0098901	10.13385	.0204578	.1013508
Stddev	.0033370	.0001282	.0000494	.04359	.0007675	.0003580
%RSD	.8047042	1.216131	.4990903	.4301176	3.751741	.3531897
#1	.4108365	.0104929	.0098866	10.09078	.0198366	.1011235
#2	.4165414	.0104435	.0098425	10.17794	.0202209	.1017634
#3	.4166886	.0106861	.0099411	10.13284	.0213158	.1011653

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0469552	.2048927	.0313278	10.45544	.0780711	.0194856
Stddev	.0123053	.0257160	.0006020	.15855	.0005064	.0005506
%RSD	26.20640	12.55095	1.921596	1.516449	.6486828	2.825918
#1	.0327857	.1766630	.0307746	10.32636	.0776311	.0195413
#2	.0531244	.2110310	.0312399	10.63242	.0779575	.0189092
#3	.0549555	.2269842	.0319689	10.40753	.0786247	.0200062

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.19279	.1002157	.1042421	9.293090	.0154571	F .0012435
Stddev	.81129	.0172863	.0047036	.197522	.0008990	.0021697
%RSD	7.248329	17.24905	4.512201	2.125466	5.816435	174.4770
#1	11.13724	.1195100	.1012244	9.106164	.0144323	.0013884
#2	10.41070	.0861400	.1018401	9.273376	.0158261	.0033371
#3	12.03043	.0949970	.1096617	9.499729	.0161130	-.000995

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165654BS Acquired: 12/21/2024 4:08:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS654 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0187133	.1709455	F .4869168	F -.000447	.1992414	.2121796
Stddev	.0005250	.0041049	.0014813	.000758	.0031703	.0016786
%RSD	2.805602	2.401277	.3042158	169.3978	1.591190	.7911070
#1	.0192806	.1683953	.4852067	.000334	.1996023	.2102414
#2	.0182446	.1687606	.4877408	-.001179	.2022158	.2131619
#3	.0186147	.1756808	.4878028	-.000498	.1959060	.2131355

Elem	Li6707
Units	ppm
Avg	.0385239
Stddev	.0006063
%RSD	1.573835
#1	.0378692
#2	.0390660
#3	.0386366

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1829.038	22630.63	2322.784	1568.093	2147.825
Stddev	2.401	131.82	3.321	6.843	1.246
%RSD	.1312618	.5824909	.1429952	.4363608	.0580236
#1	1831.806	22526.03	2320.250	1563.060	2146.594
#2	1827.513	22587.16	2321.557	1565.334	2149.086
#3	1827.796	22778.69	2326.544	1575.884	2147.797

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165654BSD Acquired: 12/21/2024 4:12:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD654 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0126522	.0281319	.0096388	.0321405	.0491602	.2032033	.2110176
Stddev	.0034824	.0035940	.0017834	.0033169	.0012916	.0399538	.0011744
%RSD	27.52427	12.77562	18.50197	10.31991	2.627272	19.66197	.5565244
#1	.0165974	.0286791	.0115267	.0285310	.0505719	.1964479	.2112472
#2	.0113529	.0242957	.0094070	.0350544	.0488709	.1670579	.2120603
#3	.0100062	.0314210	.0079827	.0328361	.0480378	.2461041	.2097454

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053332	.0050281	5.180935	.0093350	.0512076	.0161901	.1068657
Stddev	.0000181	.0000582	.049141	.0010094	.0002349	.0032949	.0332230
%RSD	.3385340	1.158214	.9484951	10.81305	.4588275	20.35102	31.08859
#1	.0053512	.0050453	5.149512	.0104928	.0509636	.0148429	.1158268
#2	.0053151	.0049633	5.155728	.0086393	.0514322	.0137824	.1346891
#3	.0053334	.0050759	5.237564	.0088730	.0512271	.0199451	.0700812

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0159998	5.274430	.0400096	.0097407	5.749768	.0418919	.0513832
Stddev	.0013710	.091884	.0003188	.0006980	.953137	.0048342	.0098294
%RSD	8.568922	1.742056	.7968893	7.166103	16.57697	11.53960	19.12960
#1	.0146189	5.328489	.0396595	.0091788	5.601528	.0435874	.0479745
#2	.0160197	5.168338	.0402833	.0105221	6.768340	.0456500	.0437118
#3	.0173607	5.326462	.0400860	.0095211	4.879436	.0364384	.0624632

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.326273	.0074374	-.001810	.0095752	.0834965	.2436885	-.007532
Stddev	.119831	.0007143	.000492	.0003894	.0070440	.0007333	.000806
%RSD	2.769853	9.604286	27.20110	4.066438	8.436337	.3009308	10.69883
#1	4.190764	.0066237	-.001780	.0097700	.0880656	.2441739	-.008105
#2	4.369785	.0077276	-.002316	.0091269	.0870395	.2428449	-.007882
#3	4.418268	.0079609	-.001333	.0098287	.0753843	.2440468	-.006611

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165654BSD Acquired: 12/21/2024 4:12:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD654 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1022315	.1077510	.0251525
Stddev	.0038193	.0002925	.0034564
%RSD	3.735932	.2714967	13.74158
#1	.1026276	.1074441	.0290135
#2	.1058372	.1077823	.0223469
#3	.0982295	.1080267	.0240970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1839.693	22684.84	2305.899	1563.265	2170.225
Stddev	5.121	34.92	11.391	4.782	4.311
%RSD	.2783875	.1539563	.4940055	.3058829	.1986521
#1	1833.779	22659.81	2294.157	1567.707	2165.256
#2	1842.618	22669.96	2316.903	1558.204	2172.453
#3	1842.681	22724.74	2306.637	1563.882	2172.966

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-01DLX2 Acquired: 12/21/2024 4:16:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZK9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1060449	-.060184	.1191790	.0602172	.0236315	65.81112	.7993531
Stddev	.0015385	.003520	.0013057	.0013240	.0014591	.22234	.0034879
%RSD	1.450819	5.848469	1.095534	2.198767	6.174529	.3378410	.4363382
#1	.1055298	-.061987	.1190594	.0601873	.0243204	65.59199	.7958466
#2	.1048300	-.062438	.1179373	.0615560	.0219555	66.03653	.8028221
#3	.1077749	-.056128	.1205403	.0589084	.0246187	65.80482	.7993906

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0060645	.0016974	32.88703	.0866440	.0796488	.1545996	138.8587
Stddev	.0001329	.0000384	.08457	.0004087	.0004433	.0042262	.3984
%RSD	2.190824	2.259767	.2571600	.4716602	.5565340	2.733668	.2869320
#1	.0061883	.0017167	32.83987	.0868663	.0801170	.1513686	138.5253
#2	.0059241	.0017222	32.98466	.0861723	.0792356	.1593824	139.2999
#3	.0060809	.0016532	32.83654	.0868932	.0795937	.1530478	138.7509

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.909872	32.52963	.0969964	.0079297	1.075241	.2225631	.4202999
Stddev	.010923	.20852	.0011471	.0005290	.523215	.0037013	.0075085
%RSD	.3753772	.6410263	1.182657	6.671092	48.66032	1.663015	1.786454
#1	2.898841	32.36282	.0980522	.0074497	1.326865	.2245387	.4171310
#2	2.920683	32.76341	.0957758	.0078425	.473752	.2248573	.4148955
#3	2.910092	32.46265	.0971611	.0084969	1.425105	.2182932	.4288733

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.15005	5.679732	.0342039	.0011501	1.260742	1.583778	.0086166
Stddev	.06410	.021265	.0023205	.0006994	.006068	.003440	.0007544
%RSD	.4230820	.3744007	6.784190	60.81357	.4812658	.2172259	8.755541
#1	15.09892	5.681465	.0327604	.0015076	1.260667	1.580137	.0089226
#2	15.12928	5.657654	.0368805	.0015986	1.254713	1.586975	.0077573
#3	15.22196	5.700078	.0329707	.0003442	1.266847	1.584222	.0091699

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-01DLX2 Acquired: 12/21/2024 4:16:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZK9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7738802	.0281962	.0511468
Stddev	.0019646	.0002323	.0042191
%RSD	.2538682	.8239108	8.248895
#1	.7725581	.0279297	.0504491
#2	.7761378	.0283028	.0556712
#3	.7729448	.0283561	.0473201

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2021.835	24967.67	2553.370	1726.973	2111.028
Stddev	1.912	35.69	4.946	3.617	3.815
%RSD	.0945429	.1429391	.1936926	.2094267	.1807385
#1	2023.857	25004.79	2555.671	1723.227	2114.365
#2	2021.591	24933.61	2547.693	1730.445	2111.851
#3	2020.057	24964.61	2556.745	1727.248	2106.869

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-02DLX2 Acquired: 12/21/2024 4:20:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1395578	-.063271	.2135074	.0706931	.0265246	62.11178	.8631044
Stddev	.0036697	.003651	.0017126	.0018848	.0020704	.45600	.0064501
%RSD	2.629531	5.770439	.8021372	2.666138	7.805653	.7341673	.7473137
#1	.1393481	-.059105	.2150454	.0724318	.0241348	61.60144	.8568524
#2	.1433279	-.064794	.2138150	.0709574	.0277780	62.47922	.8697359
#3	.1359974	-.065914	.2116618	.0686902	.0276609	62.25467	.8627249

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064222	.0025118	28.00546	.0911941	.0921377	.2234714	150.6940
Stddev	.0002800	.0001143	.26265	.0003247	.0003492	.0095318	1.0755
%RSD	4.360397	4.548528	.9378399	.3560454	.3789475	4.265348	.7137311
#1	.0066962	.0026430	27.71389	.0914090	.0920106	.2135045	149.4614
#2	.0061365	.0024345	28.22351	.0908206	.0918699	.2244109	151.4422
#3	.0064340	.0024578	28.07898	.0913526	.0925326	.2324986	151.1783

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.235644	28.30411	.0977428	.0099234	.5269029	.2344887	.4933285
Stddev	.017692	.17097	.0004700	.0006330	1.296054	.0019917	.0091122
%RSD	.5467832	.6040598	.4808372	6.378541	245.9759	.8493575	1.847085
#1	3.215218	28.13265	.0982504	.0093349	-.670215	.2322238	.4952261
#2	3.246115	28.47459	.0973228	.0105930	.347685	.2352754	.4834169
#3	3.245601	28.30510	.0976550	.0098423	1.903239	.2359668	.5013425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.59807	4.410675	.0335498	.0007126	1.024589	1.296457	.0154575
Stddev	.09214	.005538	.0005531	.0003580	.005828	.011844	.0011279
%RSD	.6776215	.1255642	1.648665	50.23219	.5687789	.9135959	7.296715
#1	13.68631	4.406530	.0337578	.0003084	1.019295	1.307649	.0158594
#2	13.50246	4.416965	.0329229	.0009896	1.023638	1.297668	.0163294
#3	13.60542	4.408530	.0339689	.0008398	1.030834	1.284053	.0141837

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-02DLX2 Acquired: 12/21/2024 4:20:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9508916	.0110719	.0486717
Stddev	.0064967	.0002313	.0037723
%RSD	.6832274	2.089446	7.750522
#1	.9435834	.0108090	.0505862
#2	.9560122	.0111628	.0443261
#3	.9530792	.0112441	.0511029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2010.351	24801.60	2551.147	1717.937	2113.915
Stddev	4.169	26.28	16.186	3.653	6.015
%RSD	.2073672	.1059442	.6344678	.2126667	.2845587
#1	2007.792	24817.17	2537.020	1719.398	2108.109
#2	2008.099	24816.36	2547.612	1720.634	2113.515
#3	2015.161	24771.26	2568.809	1713.779	2120.120

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-03DLX2 Acquired: 12/21/2024 4:24:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1366972	-.055596	.0740209	.0582537	.0218738	57.11639	.5613207
Stddev	.0030069	.005099	.0006586	.0006665	.0012170	.22426	.0021770
%RSD	2.199675	9.172092	.8896940	1.144181	5.563646	.3926335	.3878423
#1	.1401216	-.060654	.0747567	.0579221	.0213500	56.87942	.5588861
#2	.1344883	-.055679	.0734866	.0578180	.0210064	57.14446	.5619957
#3	.1354819	-.050456	.0738195	.0590210	.0232650	57.32530	.5630803

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045629	.0013126	32.79256	.1542779	.1148796	.2312880	132.6594
Stddev	.0001297	.0000595	.09883	.0012529	.0005608	.0057658	.6451
%RSD	2.841720	4.531292	.3013643	.8121046	.4881604	2.492890	.4863036
#1	.0046752	.0012466	32.73770	.1556037	.1142958	.2307472	132.0945
#2	.0045926	.0013622	32.73333	.1541164	.1154141	.2258118	132.5213
#3	.0044210	.0013290	32.90664	.1531136	.1149288	.2373052	133.3624

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.203201	37.42418	.1392862	.0076008	1.998796	.2792772	.2736827
Stddev	.021448	.22761	.0005793	.0007460	.507168	.0053357	.0088167
%RSD	.6695699	.6081880	.4159085	9.815133	25.37365	1.910526	3.221487
#1	3.184533	37.17584	.1399502	.0076079	2.373435	.2814638	.2638440
#2	3.198440	37.47386	.1388836	.0068513	2.201289	.2731956	.2763363
#3	3.226629	37.62285	.1390250	.0083433	1.421665	.2831722	.2808678

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.759641	2.903979	.0382621	.0010553	.9044898	1.559936	.0004378
Stddev	.111863	.005579	.0011792	.0005073	.0057475	.003967	.0009947
%RSD	1.277026	.1921172	3.081864	48.07359	.6354388	.2542806	227.2355
#1	8.792433	2.910037	.0370130	.0005027	.8981768	1.560373	.0009131
#2	8.635047	2.899052	.0393560	.0015000	.9058736	1.563666	.0011057
#3	8.851443	2.902849	.0384175	.0011630	.9094191	1.555769	-.000705

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-03DLX2 Acquired: 12/21/2024 4:24:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8466535	.0147803	.0417022
Stddev	.0036356	.0003241	.0033055
%RSD	.4294023	2.192993	7.926357
#1	.8505971	.0146030	.0435569
#2	.8434354	.0151544	.0378859
#3	.8459282	.0145835	.0436638

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1927.061	23875.51	2453.031	1651.748	2111.980
Stddev	4.766	97.48	3.179	9.300	5.108
%RSD	.2473037	.4082971	.1296043	.5630207	.2418624
#1	1931.083	23875.16	2451.354	1654.821	2117.867
#2	1921.797	23973.17	2451.043	1659.123	2108.718
#3	1928.303	23778.20	2456.698	1641.301	2109.354

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-04DLX2 Acquired: 12/21/2024 4:28:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4641659	-.153067	.1357596	.1617131	.0681263	115.0930	.9443095
Stddev	.0038109	.000512	.0027907	.0031940	.0019007	.6345	.0051325
%RSD	.8210182	.3341854	2.055655	1.975071	2.789971	.5512922	.5435235
#1	.4621062	-.152820	.1341837	.1636161	.0667778	114.5088	.9396028
#2	.4685634	-.152725	.1341132	.1580256	.0673009	115.0021	.9435438
#3	.4618280	-.153655	.1389818	.1634974	.0703002	115.7680	.9497819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098053	.0030495	45.76183	.1582566	.2407156	.4357622	334.8789
Stddev	.0000643	.0001321	.27777	.0006648	.0006613	.0079862	1.8278
%RSD	.6555562	4.330897	.6069863	.4201036	.2747125	1.832697	.5458171
#1	.0098783	.0031959	45.50167	.1587992	.2407918	.4294767	333.0920
#2	.0097569	.0029394	45.72944	.1584556	.2413356	.4330613	334.7996
#3	.0097809	.0030132	46.05437	.1575150	.2400196	.4447487	336.7451

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.958335	67.10403	.2121683	.0171910	1.199376	.7512737	1.048780
Stddev	.035544	.35681	.0011088	.0004020	.366446	.0107489	.013545
%RSD	.3967693	.5317275	.5226235	2.338192	30.55310	1.430755	1.291481
#1	8.932446	66.91317	.2124467	.0171181	1.368061	.7402279	1.034342
#2	8.943699	66.88325	.2109467	.0168306	1.451101	.7518944	1.050793
#3	8.998860	67.51568	.2131113	.0176245	.778965	.7616988	1.061206

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.31231	4.831541	.0771817	.0002660	1.116393	2.010066	.0177752
Stddev	.02705	.007864	.0022681	.0005453	.004511	.008675	.0002656
%RSD	.1562356	.1627677	2.938653	204.9809	.4040851	.4315904	1.493978
#1	17.28131	4.835140	.0773181	.0004337	1.117958	2.008700	.0179540
#2	17.32453	4.822521	.0748485	-.000343	1.119914	2.019344	.0174701
#3	17.33109	4.836961	.0793785	.000708	1.111308	2.002155	.0179015

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-04DLX2 Acquired: 12/21/2024 4:28:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.843402	-.071999	.0828212
Stddev	.012025	.001335	.0007005
%RSD	.6523362	1.853867	.8457696
#1	1.829639	-.070579	.0830024
#2	1.848686	-.072191	.0834132
#3	1.851881	-.073228	.0820479

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.494	25105.90	2621.755	1740.058	2066.805
Stddev	2.793	161.01	8.688	7.508	5.150
%RSD	.1363417	.6413036	.3313716	.4314829	.2491851
#1	2045.328	24950.21	2613.164	1731.533	2062.854
#2	2049.544	25271.74	2630.536	1745.688	2064.930
#3	2050.609	25095.75	2621.565	1742.952	2072.630

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-05DLX2 Acquired: 12/21/2024 4:32:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2486325	-.089524	.1503296	.0916542	.0381375	86.15890	.5787437
Stddev	.0009103	.000647	.0025679	.0008879	.0016989	.40280	.0033768
%RSD	.3661180	.7231361	1.708148	.9687578	4.454583	.4675128	.5834696
#1	.2483816	-.089106	.1484833	.0918507	.0400270	85.73453	.5763129
#2	.2496419	-.090269	.1492435	.0924274	.0376494	86.53596	.5825994
#3	.2478740	-.089196	.1532621	.0906845	.0367362	86.20622	.5773187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066492	.0019795	46.50108	.2444911	.1838432	.4127276	206.7714
Stddev	.0000346	.0001138	.09571	.0003058	.0001449	.0034495	1.1473
%RSD	.5198582	5.747441	.2058186	.1250755	.0788164	.8357714	.5548694
#1	.0066274	.0018483	46.40330	.2448443	.1839227	.4106075	205.6618
#2	.0066311	.0020515	46.59457	.2443158	.1836760	.4167078	207.9530
#3	.0066890	.0020386	46.50539	.2443134	.1839310	.4108674	206.6996

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.302366	56.49102	.2105964	.0105713	1.879444	.4367079	.3137142
Stddev	.014744	.33464	.0006919	.0003207	.324783	.0077641	.0187080
%RSD	.3426962	.5923841	.3285203	3.033464	17.28082	1.777880	5.963390
#1	4.290635	56.10465	.2109695	.0103189	1.810291	.4445281	.3270045
#2	4.318917	56.68941	.2110216	.0104629	1.594806	.4365946	.2923206
#3	4.297547	56.67900	.2097981	.0109321	2.233234	.4290010	.3218173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.438748	4.151276	.0478942	.0011347	.8492371	1.106785	.0100159
Stddev	.107011	.006449	.0028976	.0003496	.0034942	.004703	.0016582
%RSD	1.438557	.1553556	6.050076	30.81073	.4114470	.4249527	16.55556
#1	7.447528	4.158544	.0512382	.0007310	.8484979	1.101374	.0081516
#2	7.541098	4.149050	.0461229	.0013414	.8461717	1.109090	.0105698
#3	7.327618	4.146235	.0463216	.0013316	.8530417	1.109891	.0113262

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-05DLX2 Acquired: 12/21/2024 4:32:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.168547	-.014785	.0593236
Stddev	.009966	.000483	.0030385
%RSD	.8528763	3.265123	5.121984
#1	1.157347	-.014365	.0578350
#2	1.171858	-.015312	.0573163
#3	1.176437	-.014677	.0628194

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1949.939	24113.72	2494.068	1671.869	2082.766
Stddev	4.357	78.65	8.215	3.751	5.144
%RSD	.2234462	.3261568	.3293726	.2243639	.2469994
#1	1948.020	24028.97	2502.135	1676.077	2080.284
#2	1946.870	24127.84	2485.713	1670.650	2079.334
#3	1954.926	24184.35	2494.356	1668.879	2088.681

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-06DLX2 Acquired: 12/21/2024 4:36:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1218968	-.067423	.1354641	.0748566	.0276220	82.18651	.9130405
Stddev	.0037989	.000786	.0032195	.0024016	.0006980	.28658	.0041832
%RSD	3.116462	1.165355	2.376676	3.208240	2.527098	.3486890	.4581560
#1	.1262467	-.067319	.1332732	.0759728	.0277897	81.94460	.9119160
#2	.1192321	-.068256	.1339586	.0721000	.0268554	82.11194	.9095346
#3	.1202114	-.066695	.1391606	.0764969	.0282210	82.50300	.9176710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071510	.0022467	43.99016	.1336666	.1020357	.1952259	162.5953
Stddev	.0000947	.0000626	.22196	.0006433	.0004058	.0058043	.5571
%RSD	1.324522	2.784267	.5045590	.4812702	.3976527	2.973107	.3426457
#1	.0071065	.0021885	43.77662	.1344091	.1016163	.1918228	162.6608
#2	.0072597	.0022389	43.97418	.1333152	.1024263	.1919271	162.0084
#3	.0070867	.0023128	44.21967	.1332755	.1020643	.2019279	163.1168

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.483674	41.12804	.1300644	.0088808	1.097836	.2697258	.4865538
Stddev	.010363	.18885	.0005786	.0011413	.460632	.0103389	.0117119
%RSD	.2974614	.4591733	.4448340	12.85147	41.95817	3.833116	2.407107
#1	3.481974	41.04347	.1307310	.0096156	.743747	.2712616	.4931620
#2	3.474266	40.99625	.1296927	.0075660	1.618607	.2587049	.4730312
#3	3.494781	41.34439	.1297696	.0094609	.931155	.2792109	.4934681

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.90291	6.749861	.0473830	.0013144	1.047258	1.385909	.0072500
Stddev	.08615	.003212	.0043854	.0003760	.003721	.004386	.0004390
%RSD	.7237867	.0475875	9.255281	28.60804	.3553433	.3164507	6.054590
#1	11.82921	6.746663	.0473807	.0016999	1.049244	1.389534	.0077160
#2	11.88189	6.749831	.0429987	.0012946	1.042965	1.387159	.0071898
#3	11.99763	6.753087	.0517695	.0009487	1.049565	1.381034	.0068442

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-06DLX2 Acquired: 12/21/2024 4:36:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7170791	.0801422	.0622742
Stddev	.0008267	.0007586	.0030906
%RSD	.1152910	.9465771	4.962837
#1	.7178980	.0795452	.0658308
#2	.7162447	.0798856	.0607502
#3	.7170947	.0809958	.0602417

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2030.642	24932.35	2572.317	1725.708	2106.988
Stddev	1.415	100.18	3.722	1.284	3.040
%RSD	.0696596	.4017877	.1446974	.0744271	.1442691
#1	2030.299	25043.79	2572.718	1725.040	2103.753
#2	2032.196	24903.47	2568.411	1724.895	2109.785
#3	2029.429	24849.79	2575.822	1727.189	2107.427

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-07DLX2 Acquired: 12/21/2024 4:39:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1382507	-.073493	.1350553	.0819555	.0340488	87.49071	.9921908
Stddev	.0010149	.003485	.0011193	.0015551	.0015175	.70021	.0085634
%RSD	.7340973	4.742634	.8287352	1.897453	4.456783	.8003222	.8630766
#1	.1372121	-.077144	.1356106	.0807180	.0357849	87.89352	.9973821
#2	.1392401	-.070201	.1357883	.0837011	.0333862	87.89643	.9968835
#3	.1382999	-.073133	.1337669	.0814475	.0329753	86.68218	.9823069

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0075171	.0024533	47.43643	.1483741	.1121219	.2295855	176.4436
Stddev	.0001889	.0000693	.29748	.0007202	.0000378	.0008591	1.4485
%RSD	2.512412	2.825926	.6271182	.4854006	.0336955	.3741998	.8209404
#1	.0076394	.0023995	47.67923	.1490615	.1120833	.2304072	177.0300
#2	.0076123	.0024288	47.52545	.1484357	.1121237	.2286933	177.5070
#3	.0072996	.0025315	47.10460	.1476251	.1121587	.2296559	174.7938

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.772271	44.74268	.1516622	.0102404	1.642338	.2886165	.4788066
Stddev	.028366	.42410	.0008926	.0008591	.980258	.0092761	.0116564
%RSD	.7519598	.9478558	.5885591	8.389259	59.68672	3.213988	2.434479
#1	3.790888	44.95032	.1508220	.0101498	1.459919	.2810330	.4657756
#2	3.786301	45.02294	.1515654	.0111412	2.700992	.2989591	.4882406
#3	3.739624	44.25477	.1525993	.0094301	.766104	.2858574	.4824035

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.99973	7.937841	.0438251	.0011054	1.192444	2.165296	.0071875
Stddev	.18578	.008962	.0016456	.0005929	.006060	.026046	.0005997
%RSD	1.429129	.1128977	3.754816	53.63366	.5082337	1.202902	8.343068
#1	13.20262	7.933227	.0457240	.0017515	1.185684	2.181628	.0077561
#2	12.95862	7.932126	.0429329	.0009784	1.194255	2.179001	.0072453
#3	12.83794	7.948169	.0428183	.0005863	1.197392	2.135258	.0065610

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-07DLX2 Acquired: 12/21/2024 4:39:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7069916	.0762860	.0681334
Stddev	.0097398	.0004797	.0028958
%RSD	1.377640	.6287611	4.250224
#1	.7154341	.0763978	.0712461
#2	.7092052	.0766999	.0676349
#3	.6963355	.0757604	.0655191

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2048.189	25156.79	2612.406	1743.391	2096.022
Stddev	3.634	81.47	33.902	8.114	4.482
%RSD	.1774168	.3238654	1.297746	.4654259	.2138460
#1	2048.847	25125.66	2589.222	1740.162	2094.971
#2	2051.448	25095.46	2596.679	1737.388	2100.937
#3	2044.271	25249.24	2651.315	1752.622	2092.159

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-08DLX2 Acquired: 12/21/2024 4:43:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1290458	-.078389	.2353632	.0867722	.0362715	82.18024	1.001122
Stddev	.0029977	.001424	.0006426	.0040571	.0004002	1.76835	.019605
%RSD	2.322959	1.816094	.2730070	4.675557	1.103235	2.151791	1.958311
#1	.1323427	-.078299	.2361034	.0842111	.0367268	83.29390	1.012052
#2	.1264841	-.077013	.2349486	.0846556	.0361120	80.14123	.978489
#3	.1283105	-.079856	.2350376	.0914499	.0359757	83.10560	1.012826

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078539	.0042379	40.01201	.1391232	.1105448	.3721791	188.5785
Stddev	.0002287	.0001251	.91150	.0014747	.0004233	.0118455	4.0263
%RSD	2.912077	2.951774	2.278057	1.059999	.3829060	3.182737	2.135062
#1	.0081178	.0041234	40.63617	.1375269	.1104197	.3733053	191.4162
#2	.0077282	.0042189	38.96600	.1404347	.1110165	.3598107	183.9703
#3	.0077155	.0043714	40.43384	.1394079	.1101982	.3834212	190.3489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.795437	43.41460	.1593656	.0109739	1.366026	.2734680	.6268489
Stddev	.077865	1.15434	.0012119	.0011773	.330550	.0052217	.0037785
%RSD	2.051544	2.658869	.7604532	10.72801	24.19794	1.909452	.6027827
#1	3.848136	44.18738	.1585570	.0108740	.990714	.2749917	.6240781
#2	3.706000	42.08767	.1587807	.0098498	1.493526	.2676539	.6311531
#3	3.832177	43.96874	.1607590	.0121980	1.613840	.2777584	.6253154

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17748	6.537578	.0440106	.0014117	.6506308	1.059697	.0238485
Stddev	.22910	.014047	.0040855	.0006151	.0010840	.020461	.0013926
%RSD	2.251076	.2148732	9.282886	43.57399	.1666119	1.930811	5.839202
#1	10.30880	6.526202	.0408603	.0019164	.6516663	1.075342	.0225792
#2	9.91294	6.533252	.0425446	.0015921	.6507220	1.036542	.0236283
#3	10.31070	6.553280	.0486267	.0007265	.6495040	1.067205	.0253381

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-08DLX2 Acquired: 12/21/2024 4:43:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7924805	.0518663	.0644349
Stddev	.0127096	.0016975	.0034887
%RSD	1.603780	3.272884	5.414315
#1	.7987018	.0530949	.0674349
#2	.7778587	.0499293	.0606066
#3	.8008809	.0525748	.0652632

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.021	25303.67	2650.689	1748.970	2114.943
Stddev	4.013	133.32	69.307	12.648	5.123
%RSD	.1946968	.5268626	2.614666	.7231798	.2422192
#1	2065.285	25350.45	2606.756	1747.908	2120.049
#2	2060.459	25407.29	2730.585	1762.116	2114.976
#3	2057.318	25153.27	2614.725	1736.887	2109.804

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-09DLX2 Acquired: 12/21/2024 4:47:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1745462	-.065756	.1805274	.0764423	.0290940	69.63878	.7774074
Stddev	.0039097	.002356	.0026080	.0036011	.0021370	.73322	.0088707
%RSD	2.239899	3.582835	1.444647	4.710915	7.345218	1.052884	1.141064
#1	.1782771	-.068025	.1776837	.0755042	.0315613	69.12911	.7711382
#2	.1704795	-.063322	.1810910	.0734031	.0278965	69.30814	.7735267
#3	.1748821	-.065921	.1828076	.0804197	.0278243	70.47909	.7875571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066757	.0027643	30.29230	.0892400	.1144181	.2122542	158.7458
Stddev	.0002964	.0001599	.38062	.0011783	.0004966	.0144139	1.6251
%RSD	4.439598	5.783200	1.256483	1.320399	.4339766	6.790864	1.023707
#1	.0063524	.0025797	30.10696	.0905266	.1148723	.2005625	157.5458
#2	.0067402	.0028595	30.03985	.0889800	.1144940	.2078415	158.0965
#3	.0069345	.0028537	30.73009	.0882134	.1138880	.2283586	160.5952

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.962432	31.28885	.1003634	.0098174	1.309899	.2622557	.5129237
Stddev	.024107	.45083	.0008317	.0010684	.746828	.0105965	.0026294
%RSD	.8137486	1.440857	.8286832	10.88288	57.01418	4.040510	.5126287
#1	2.947841	30.93834	.1005208	.0086274	1.194775	.2688238	.5102097
#2	2.949197	31.13078	.0994642	.0106943	2.107604	.2679120	.5154594
#3	2.990257	31.79743	.1011050	.0101305	.627317	.2500313	.5131019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.02632	4.727373	.0518281	.0008326	1.055806	1.859452	.0040984
Stddev	.20102	.011144	.0020586	.0005088	.005352	.011734	.0008179
%RSD	1.337815	.2357358	3.972026	61.11591	.5069351	.6310244	19.95677
#1	14.90804	4.714675	.0507196	.0003031	1.052076	1.853339	.0036657
#2	14.91250	4.731917	.0505612	.0013179	1.053404	1.852037	.0035878
#3	15.25843	4.735527	.0542034	.0008767	1.061939	1.872980	.0050418

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-09DLX2 Acquired: 12/21/2024 4:47:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7823535	.0134474	.0510255
Stddev	.0066040	.0002620	.0033120
%RSD	.8441221	1.948341	6.490793
#1	.7789459	.0137313	.0484347
#2	.7781494	.0132150	.0498848
#3	.7899653	.0133959	.0547571

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2043.760	25033.49	2575.841	1732.624	2129.772
Stddev	2.580	195.21	17.507	10.869	1.193
%RSD	.1262249	.7797811	.6796716	.6273148	.0560268
#1	2045.211	24809.82	2582.860	1720.328	2129.602
#2	2040.781	25121.12	2588.749	1736.590	2128.672
#3	2045.287	25169.52	2555.913	1740.952	2131.041

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-10DLX2 Acquired: 12/21/2024 4:51:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1792482	-.073771	.1672674	.0805231	.0316893	86.04613	1.244172
Stddev	.0032514	.002187	.0033583	.0038113	.0002694	.63173	.005173
%RSD	1.813931	2.964377	2.007753	4.733136	.8500411	.7341737	.4158036
#1	.1827389	-.072278	.1654688	.0761320	.0313786	85.36094	1.238296
#2	.1763056	-.072755	.1711420	.0829720	.0318568	86.60545	1.248043
#3	.1787003	-.076281	.1651915	.0824655	.0318326	86.17200	1.246177

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077811	.0032013	51.47906	.1126876	.1107111	.2550517	180.3791
Stddev	.0000706	.0001518	.49332	.0008231	.0002776	.0051464	1.0995
%RSD	.9072693	4.743165	.9582943	.7304117	.2507449	2.017769	.6095282
#1	.0077026	.0033096	50.95858	.1118643	.1104056	.2556244	179.2343
#2	.0078012	.0030277	51.93978	.1126880	.1109478	.2496430	181.4268
#3	.0078394	.0032666	51.53883	.1135104	.1107801	.2598878	180.4762

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.912069	40.36427	.1450129	.0109595	1.888176	.2763106	.5080454
Stddev	.033807	.27583	.0004169	.0004830	.418322	.0116500	.0045128
%RSD	.6882384	.6833451	.2874791	4.406902	22.15480	4.216266	.8882752
#1	4.877199	40.09987	.1446328	.0107273	1.808306	.2649150	.5066411
#2	4.944701	40.65026	.1454587	.0115147	2.340674	.2881993	.5044017
#3	4.914308	40.34269	.1449473	.0106365	1.515547	.2758175	.5130934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.82804	7.159187	.0640396	.0079370	1.854763	1.121455	.0060908
Stddev	.13546	.022115	.0015875	.0002965	.007112	.003571	.0020122
%RSD	.6831966	.3089098	2.478886	3.735082	.3834487	.3184159	33.03691
#1	19.69784	7.153618	.0623772	.0080375	1.860862	1.117607	.0055267
#2	19.81806	7.140389	.0642020	.0081702	1.846951	1.124663	.0044208
#3	19.96822	7.183555	.0655396	.0076034	1.856475	1.122093	.0083248

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-10DLX2 Acquired: 12/21/2024 4:51:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7941196	.1275136	.0664182
Stddev	.0057028	.0013562	.0024391
%RSD	.7181308	1.063553	3.672378
#1	.7875391	.1259898	.0654664
#2	.7976201	.1285881	.0645985
#3	.7971997	.1279629	.0691897

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2080.841	25594.49	2651.260	1781.002	2104.337
Stddev	6.854	27.65	11.751	5.982	7.970
%RSD	.3293650	.1080191	.4432227	.3358682	.3787436
#1	2088.228	25595.90	2663.832	1783.197	2108.436
#2	2079.606	25621.41	2640.554	1785.575	2109.423
#3	2074.689	25566.17	2649.393	1774.232	2095.151

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-11DLX2 Acquired: 12/21/2024 4:55:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1797623	-.069032	.2115385	.0731854	.0283712	69.31875	.9098076
Stddev	.0013604	.004003	.0036282	.0023852	.0007395	.14938	.0021515
%RSD	.7567614	5.798777	1.715163	3.259091	2.606380	.2154930	.2364798
#1	.1782815	-.072667	.2111223	.0707680	.0288774	69.28829	.9093077
#2	.1800486	-.069686	.2153569	.0732513	.0287137	69.48101	.9121650
#3	.1809567	-.064742	.2081364	.0755370	.0275226	69.18695	.9079500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068820	.0022875	54.86555	.1049215	.0946772	.2650684	166.9512
Stddev	.0001748	.0000325	.10978	.0008324	.0002849	.0089620	.4863
%RSD	2.540013	1.419496	.2000937	.7933129	.3009154	3.381012	.2912670
#1	.0069100	.0022536	54.82987	.1051978	.0944265	.2744114	166.4971
#2	.0070412	.0023183	54.98873	.1039862	.0946181	.2642502	167.4643
#3	.0066949	.0022907	54.77804	.1055806	.0949870	.2565435	166.8924

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.223162	37.38752	.1067653	.0106051	2.630362	.2746460	.7808108
Stddev	.017793	.19553	.0001976	.0009476	.513812	.0025243	.0111171
%RSD	.5520455	.5229942	.1851004	8.935589	19.53389	.9191257	1.423791
#1	3.210524	37.31206	.1069797	.0095287	2.143232	.2737057	.7827340
#2	3.243510	37.60954	.1065904	.0113134	2.580615	.2775055	.7688575
#3	3.215452	37.24095	.1067258	.0109733	3.167237	.2727267	.7908408

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	19.82862	6.614023	.1612958	.0027953	3.325974	2.170121	.0075006
Stddev	.24067	.010575	.0033934	.0003799	.007235	.017912	.0007436
%RSD	1.213758	.1598834	2.103811	13.59256	.2175261	.8254136	9.914283
#1	19.58607	6.604100	.1574238	.0031938	3.329723	2.183679	.0066860
#2	20.06737	6.612823	.1637519	.0024371	3.317634	2.176870	.0076727
#3	19.83242	6.625147	.1627116	.0027549	3.330565	2.149814	.0081430

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-11DLX2 Acquired: 12/21/2024 4:55:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZL9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8516799	.2774914	.0615613
Stddev	.0027364	.0004559	.0058124
%RSD	.3212950	.1643075	9.441632
#1	.8492068	.2770642	.0548929
#2	.8546196	.2779715	.0655539
#3	.8512134	.2774386	.0642372

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2027.216	25101.49	2599.016	1733.653	2102.277
Stddev	4.836	121.07	13.778	8.277	4.383
%RSD	.2385516	.4823229	.5301389	.4774120	.2084886
#1	2027.662	25027.36	2585.393	1725.644	2103.416
#2	2022.173	25241.21	2598.710	1742.173	2097.437
#3	2031.814	25035.91	2612.945	1733.142	2105.979

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV088 Acquired: 12/21/2024 4:59:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.764814	4.671698	24.24814	4.698389	4.731473	397.4808	10.02763
Stddev	.005062	.006526	.00183	.006260	.011891	1.4244	.03335
%RSD	.1062319	.1396927	.0075607	.1332428	.2513112	.3583567	.3325386
#1	4.761557	4.678051	24.24616	4.705616	4.742393	395.9670	9.99421
#2	4.770645	4.665012	24.24849	4.694622	4.718805	397.6807	10.02779
#3	4.762239	4.672031	24.24978	4.694931	4.733221	398.7946	10.06090

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4982651	2.440736	397.8668	15.14097	2.451088	14.76970	398.5231
Stddev	.0013107	.000616	1.3410	.08094	.001233	.02824	.9748
%RSD	.2630500	.0252450	.3370512	.5345714	.0502853	.1912066	.2446091
#1	.4989157	2.440045	396.5101	15.05398	2.451926	14.73917	397.4738
#2	.4991231	2.441230	397.8986	15.15485	2.451666	14.77506	398.6950
#3	.4967564	2.440931	399.1916	15.21407	2.449673	14.79488	399.4005

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.69011	393.5464	2.454750	1.258140	395.5078	2.452463	14.48437
Stddev	.04266	1.0650	.002504	.007882	.8653	.009228	.20696
%RSD	.2904215	.2706186	.1020146	.6264673	.2187909	.3762843	1.428829
#1	14.64141	392.5600	2.452068	1.249065	394.5130	2.442111	14.24555
#2	14.70801	393.4036	2.457026	1.263273	395.9243	2.455451	14.59639
#3	14.72091	394.6756	2.455157	1.262082	396.0861	2.459827	14.61117

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.1351	4.832393	4.855960	4.695574	4.809379	4.852748	4.855475
Stddev	.3093	.010310	.010890	.002787	.014862	.010753	.005457
%RSD	.2087846	.2133468	.2242509	.0593631	.3090115	.2215826	.1123814
#1	147.8567	4.823738	4.865389	4.695777	4.798448	4.853935	4.849691
#2	148.0806	4.843799	4.858449	4.692691	4.826301	4.862858	4.856203
#3	148.4680	4.829643	4.844041	4.698255	4.803388	4.841451	4.860532

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV088 Acquired: 12/21/2024 4:59:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV088 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.870081	4.743074	5.047751
Stddev	.022962	.017509	.018008
%RSD	.4714904	.3691457	.3567531
#1	4.843810	4.722860	5.030137
#2	4.880114	4.752841	5.046989
#3	4.886319	4.753520	5.066128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.044	20334.38	2234.605	1293.515	1748.271
Stddev	3.356	92.91	7.609	10.054	2.241
%RSD	.2196104	.4568924	.3405132	.7772414	.1281943
#1	1525.948	20430.02	2225.927	1304.856	1746.070
#2	1531.914	20328.64	2237.755	1285.696	1750.550
#3	1526.269	20244.47	2240.133	1289.993	1748.192

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB088 Acquired: 12/21/2024 5:02:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049830	.0018352	.0040993	.0014576	-.003076	.0226202
Stddev	.0030109	.0030487	.0012085	.0018791	.001968	.0099218
%RSD	60.42326	166.1287	29.47962	128.9128	63.96133	43.86241
#1	.0064384	.0043398	.0046036	.0034950	-.004392	.0245268
#2	.0015209	.0027252	.0049739	.0010855	-.004023	.0118835
#3	.0069897	-.001560	.0027203	-.000208	-.000814	.0314502

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016190	.0001162	.0003547	.0320845	.0012392	.0004807
Stddev	.0004624	.0001662	.0000511	.0169391	.0004261	.0002100
%RSD	28.56330	143.1121	14.41529	52.79539	34.38511	43.68342
#1	.0013817	.0003077	.0004124	.0152109	.0009278	.0002798
#2	.0013234	.0000101	.0003151	.0319542	.0017248	.0006987
#3	.0021519	.0000307	.0003365	.0490884	.0010650	.0004635

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026392	.0052426	-.000221	.1038388	.0001334	.0011265
Stddev	.0013048	.0202076	.001497	.0527975	.0006076	.0014368
%RSD	49.43868	385.4519	676.9844	50.84562	455.3709	127.5454
#1	.0011531	-.017424	.000169	.1644509	.0007407	-.000516
#2	.0031677	.021372	.001042	.0678583	.0001340	.001744
#3	.0035968	.011780	-.001874	.0792071	-.000474	.002152

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9530816	-.000460	.0034971	-.147667	-.002321	.0141575
Stddev	1.048494	.005354	.0045598	.123700	.000988	.0031259
%RSD	110.0109	1163.419	130.3874	83.76927	42.57203	22.07951
#1	-.138510	-.005046	-.000172	-.207961	-.001190	.0177440
#2	1.045379	-.001758	.002061	-.229659	-.003019	.0120123
#3	1.952376	.005423	.008602	-.005381	-.002753	.0127162

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB088 Acquired: 12/21/2024 5:02:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB088 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003791	-.003939	-.003458	F -.011305	.0020223	.0007345
Stddev	.0003781	.000505	.000265	.000564	.0037859	.0001355
%RSD	99.73430	12.82746	7.651406	4.988266	187.2045	18.45585
#1	.0004333	-.003892	-.003189	-.010898	-.001041	.0006911
#2	-.000023	-.003458	-.003468	-.011949	.006255	.0006259
#3	.000727	-.004465	-.003718	-.011069	.000853	.0008864

Elem	Li6707
Units	ppm
Avg	F .0284378
Stddev	.0025647
%RSD	9.018573
#1	.0266707
#2	.0272633
#3	.0313794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1827.839	22613.15	2299.537	1562.034	2155.425
Stddev	1.377	18.36	11.403	2.032	2.398
%RSD	.0753314	.0811929	.4958632	.1300560	.1112753
#1	1826.930	22594.72	2298.709	1563.437	2156.999
#2	1827.163	22613.27	2311.331	1559.705	2152.665
#3	1829.423	22631.44	2288.571	1562.961	2156.613

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-12DLX2 Acquired: 12/21/2024 5:06:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1425972	-.063842	.1147363	.0760624	.0270303	86.42401	.9827055
Stddev	.0016144	.000590	.0023955	.0033037	.0010565	.42001	.0063630
%RSD	1.132133	.9236859	2.087821	4.343478	3.908389	.4859868	.6474981
#1	.1414081	-.064304	.1165152	.0760386	.0277569	86.90499	.9898248
#2	.1419484	-.063178	.1156812	.0727706	.0258184	86.12967	.9775729
#3	.1444350	-.064045	.1120124	.0793780	.0275156	86.23736	.9807187

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071612	.0020800	45.57326	.1196325	.1067530	.1867692	164.5646
Stddev	.0000693	.0000456	.29686	.0011753	.0005647	.0025800	1.0714
%RSD	.9677764	2.192295	.6513893	.9824238	.5290038	1.381369	.6510741
#1	.0070857	.0020431	45.91591	.1208876	.1072709	.1884371	165.7115
#2	.0071759	.0021310	45.39372	.1194521	.1061509	.1880729	163.5893
#3	.0072220	.0020660	45.41015	.1185578	.1068372	.1837975	164.3929

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.556278	39.78233	.1289396	.0098257	1.365428	.2667538	.3983866
Stddev	.023589	.26189	.0004177	.0008368	1.333096	.0052953	.0060836
%RSD	.6632999	.6583113	.3239247	8.516700	97.63208	1.985102	1.527049
#1	3.583418	40.02435	.1289104	.0093747	1.040789	.2615590	.4053379
#2	3.540708	39.50430	.1285372	.0093111	2.830859	.2721442	.3940336
#3	3.544708	39.81835	.1293711	.0107913	.224635	.2665582	.3957883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.64165	5.145538	.0596827	.0009662	1.206970	1.616291	.0050668
Stddev	.06973	.010068	.0014080	.0002437	.006662	.004346	.0007028
%RSD	.4762526	.1956550	2.359120	25.22740	.5519690	.2688802	13.87120
#1	14.64527	5.134708	.0608457	.0006874	1.203531	1.620265	.0053793
#2	14.57017	5.147294	.0600851	.0010722	1.202729	1.611650	.0055592
#3	14.70950	5.154612	.0581173	.0011390	1.214648	1.616957	.0042619

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-12DLX2 Acquired: 12/21/2024 5:06:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7073425	.0855349	.0669331
Stddev	.0077914	.0001965	.0032906
%RSD	1.101503	.2297017	4.916285
#1	.7163088	.0856699	.0699606
#2	.7022191	.0856252	.0634310
#3	.7034996	.0853095	.0674078

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2081.203	25560.56	2675.200	1766.755	2111.424
Stddev	2.335	136.19	12.093	7.025	1.251
%RSD	.1121808	.5328296	.4520265	.3976317	.0592355
#1	2083.759	25539.84	2661.831	1761.830	2112.773
#2	2079.182	25435.91	2678.395	1763.636	2111.195
#3	2080.668	25705.92	2685.375	1774.800	2110.304

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-13DLX2 Acquired: 12/21/2024 5:10:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1418895	-.065369	.1303975	.0758203	.0277691	71.87687	.8357154
Stddev	.0036596	.003780	.0026412	.0029127	.0026496	.15222	.0015057
%RSD	2.579205	5.782798	2.025461	3.841536	9.541612	.2117730	.1801715
#1	.1452954	-.064168	.1318463	.0756718	.0290814	71.70215	.8342974
#2	.1380203	-.069603	.1273490	.0788044	.0295065	71.98083	.8355531
#3	.1423529	-.062335	.1319972	.0729848	.0247194	71.94762	.8372956

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068436	.0020906	43.11955	.0975929	.0890160	.1630372	157.2711
Stddev	.0000330	.0000181	.15310	.0008816	.0001674	.0027732	.3080
%RSD	.4825410	.8656713	.3550510	.9033675	.1880410	1.700958	.1958310
#1	.0068174	.0020700	42.96286	.0982274	.0888906	.1612476	156.9931
#2	.0068327	.0020984	43.26877	.0979649	.0892061	.1662317	157.6022
#3	.0068807	.0021036	43.12703	.0965862	.0889515	.1616324	157.2179

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.840127	33.07704	.1044065	.0085928	1.211553	.2482905	.4489129
Stddev	.010637	.08769	.0014673	.0005901	.394786	.0039305	.0050800
%RSD	.3745248	.2651026	1.405350	6.867713	32.58510	1.583041	1.131632
#1	2.827845	32.98142	.1035285	.0088819	1.472819	.2437723	.4479382
#2	2.846379	33.09603	.1035906	.0089827	1.404434	.2501776	.4443908
#3	2.846156	33.15368	.1061004	.0079139	.757407	.2509216	.4544096

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.32126	5.237786	.0559392	.0011523	1.213101	1.097997	.0047205
Stddev	.11881	.012976	.0020194	.0001613	.001493	.000684	.0009637
%RSD	.7279166	.2477428	3.610043	13.99683	.1230554	.0623084	20.41525
#1	16.19473	5.241131	.0552881	.0012673	1.214741	1.098750	.0039222
#2	16.43044	5.223465	.0543257	.0012216	1.212741	1.097824	.0044483
#3	16.33862	5.248762	.0582039	.0009679	1.211821	1.097415	.0057910

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-13DLX2 Acquired: 12/21/2024 5:10:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6791530	.0829379	.0555380
Stddev	.0027823	.0005895	.0005775
%RSD	.4096715	.7108325	1.039808
#1	.6761972	.0823690	.0561887
#2	.6795406	.0835462	.0553386
#3	.6817211	.0828984	.0550865

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2061.011	25403.73	2619.243	1756.559	2136.693
Stddev	2.511	73.70	8.581	5.291	4.964
%RSD	.1218298	.2900999	.3276137	.3012052	.2323016
#1	2063.875	25455.10	2613.945	1758.611	2140.469
#2	2059.971	25436.80	2629.143	1760.517	2138.540
#3	2059.187	25319.29	2614.640	1750.550	2131.071

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-14DLX2 Acquired: 12/21/2024 5:14:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2321953	-.086613	.2237235	.0962891	.0374268	64.81988	.7668222
Stddev	.0015984	.003130	.0031031	.0020526	.0022775	.47456	.0070682
%RSD	.6883752	3.613643	1.387001	2.131713	6.085304	.7321168	.9217544
#1	.2320841	-.088203	.2237551	.0949878	.0364250	64.32439	.7606429
#2	.2338463	-.083008	.2206048	.0952241	.0358219	65.27029	.7745294
#3	.2306554	-.088629	.2268106	.0986553	.0400335	64.86494	.7652943

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068491	.0031570	53.29122	.1865736	.1215790	.4679324	202.5319
Stddev	.0001362	.0000232	.27666	.0003154	.0002872	.0077878	1.6510
%RSD	1.988326	.7366098	.5191457	.1690268	.2362296	1.664302	.8151824
#1	.0067036	.0031430	52.99516	.1864947	.1219081	.4699089	200.6385
#2	.0069735	.0031441	53.54317	.1869209	.1214495	.4745415	203.6708
#3	.0068702	.0031838	53.33534	.1863052	.1213793	.4593468	203.2866

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.558045	38.14477	.1600472	.0107418	1.676043	.5168143	.5699790
Stddev	.029334	.16451	.0003937	.0002564	.853924	.0076192	.0147030
%RSD	.8244554	.4312822	.2460004	2.387305	50.94883	1.474269	2.579572
#1	3.526237	37.98269	.1597398	.0104528	.861080	.5146827	.5540194
#2	3.584034	38.31161	.1599107	.0108302	1.602834	.5104879	.5729441
#3	3.563865	38.14001	.1604909	.0109423	2.564215	.5252723	.5829734

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.611356	4.636393	.0483805	.0014268	.8466311	1.009974	.0089573
Stddev	.099011	.005096	.0030381	.0007669	.0069017	.004057	.0001844
%RSD	1.030142	.1099087	6.279566	53.74719	.8152013	.4016926	2.059147
#1	9.636790	4.634979	.0456041	.0005490	.8388068	1.009370	.0091363
#2	9.695169	4.632154	.0479117	.0017653	.8518546	1.014299	.0087678
#3	9.502110	4.642047	.0516257	.0019663	.8492318	1.006253	.0089678

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-14DLX2 Acquired: 12/21/2024 5:14:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.113426	.0193286	.0493980
Stddev	.016897	.0001509	.0041085
%RSD	.7995218	.7804961	8.317169
#1	2.095066	.0192144	.0495166
#2	2.128323	.0194996	.0534459
#3	2.116890	.0192717	.0452314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.516	24275.38	2491.780	1675.477	2098.375
Stddev	3.452	58.22	15.114	1.898	4.289
%RSD	.1763699	.2398345	.6065356	.1132876	.2044137
#1	1961.308	24332.48	2493.650	1676.904	2103.326
#2	1954.556	24216.10	2475.818	1676.203	2096.012
#3	1956.682	24277.58	2505.871	1673.323	2095.787

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-15DLX2 Acquired: 12/21/2024 5:18:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2105843	-.131954	.1036040	.1458706	.0618068	113.6947	.5797912
Stddev	.0025757	.003622	.0004371	.0038137	.0037482	1.9337	.0097453
%RSD	1.223120	2.744851	.4219320	2.614419	6.064341	1.700751	1.680829
#1	.2076104	-.131488	.1033777	.1488058	.0587984	113.7337	.5774126
#2	.2121065	-.135787	.1033265	.1472460	.0660056	115.6086	.5905056
#3	.2120359	-.128588	.1041079	.1415600	.0606165	111.7418	.5714554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083377	.0024887	41.41019	.2970012	.1854653	.4816592	288.5069
Stddev	.0001916	.0001877	.80952	.0052092	.0005413	.0162640	5.1442
%RSD	2.297763	7.542638	1.954880	1.753932	.2918702	3.376665	1.783053
#1	.0084992	.0023270	41.56448	.2947342	.1849199	.4943581	288.3841
#2	.0083877	.0024445	42.13146	.2933096	.1854733	.4872920	293.7115
#3	.0081260	.0026945	40.53463	.3029598	.1860025	.4633276	283.4252

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.896734	75.71271	.2349122	.0156872	1.414691	.6617947	.3442792
Stddev	.099358	1.31818	.0015885	.0004196	.568225	.0184932	.0108592
%RSD	1.684973	1.741024	.6762270	2.675021	40.16598	2.794401	3.154178
#1	5.897040	75.55683	.2338614	.0157660	.760481	.6590772	.3435502
#2	5.995939	77.10189	.2341356	.0160619	1.785224	.6814963	.3338030
#3	5.797223	74.47940	.2367396	.0152338	1.698369	.6448106	.3554846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	23.57939	5.494595	.0616974	.0005183	.6915116	.7993791	.0136974
Stddev	.40161	.024269	.0067404	.0001772	.0015069	.0116871	.0006925
%RSD	1.703243	.4416801	10.92499	34.18300	.2179089	1.462018	5.055496
#1	23.54664	5.468246	.0595654	.0003856	.6932497	.8022082	.0132136
#2	23.99638	5.499507	.0692460	.0007195	.6905726	.8093919	.0144906
#3	23.19516	5.516032	.0562808	.0004498	.6907125	.7865372	.0133880

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-15DLX2 Acquired: 12/21/2024 5:18:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.982428	-.143335	.0686077
Stddev	.031460	.002738	.0018304
%RSD	1.586960	1.910181	2.667979
#1	1.978646	-.142952	.0671359
#2	2.015608	-.146244	.0706573
#3	1.953029	-.140809	.0680300

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.378	24037.39	2484.908	1662.397	2070.367
Stddev	9.750	314.18	40.441	23.997	10.662
%RSD	.4935520	1.307042	1.627454	1.443518	.5149585
#1	1986.628	24237.04	2466.717	1675.605	2082.674
#2	1969.407	24199.90	2456.757	1676.890	2063.932
#3	1970.097	23675.24	2531.249	1634.698	2064.496

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-16DLX2 Acquired: 12/21/2024 5:22:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2191052	-.133953	.0906584	.1453285	.0633662	121.6131	.4107508
Stddev	.0027831	.001314	.0022650	.0003636	.0004202	.8572	.0027771
%RSD	1.270215	.9810501	2.498346	.2502240	.6630746	.7048718	.6760900
#1	.2222952	-.134017	.0893387	.1455829	.0631329	120.6774	.4082918
#2	.2171734	-.135233	.0893628	.1454907	.0638512	121.8012	.4101980
#3	.2178469	-.132607	.0932737	.1449120	.0631145	122.3606	.4137627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078794	.0026174	50.19378	.3448855	.2322722	.6122734	301.5330
Stddev	.0001662	.0000677	.24895	.0021500	.0004847	.0090062	1.6043
%RSD	2.108612	2.586159	.4959745	.6233935	.2086987	1.470951	.5320436
#1	.0080050	.0026486	49.97866	.3452032	.2317568	.6046523	300.2044
#2	.0079422	.0026639	50.13620	.3425944	.2323407	.6099561	301.0791
#3	.0076910	.0025397	50.46647	.3468590	.2327190	.6222119	303.3152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.073771	88.78435	.2796811	.0167447	1.188203	.7237944	.2967759
Stddev	.050776	.55510	.0006173	.0003904	.724574	.0101524	.0058442
%RSD	.7178070	.6252222	.2207062	2.331629	60.98063	1.402662	1.969226
#1	7.044779	88.34214	.2803873	.0162939	.391818	.7121399	.3034982
#2	7.044133	88.60363	.2794117	.0169655	1.364281	.7307172	.2939277
#3	7.132401	89.40729	.2792443	.0169747	1.808510	.7285262	.2929020

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.78338	4.222070	.0643056	.0007094	.6096369	1.183777	.0153136
Stddev	.09461	.011071	.0053396	.0007970	.0046924	.007784	.0017625
%RSD	.5636971	.2622151	8.303513	112.3431	.7696983	.6575259	11.50931
#1	16.69342	4.209486	.0694229	-.000206	.6046710	1.174870	.0132824
#2	16.77470	4.226409	.0587685	.001088	.6102426	1.187190	.0164385
#3	16.88204	4.230314	.0647256	.001246	.6139969	1.189272	.0162199

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-16DLX2 Acquired: 12/21/2024 5:22:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.905042	-.173541	.0658821
Stddev	.014506	.000635	.0029744
%RSD	.7614328	.3657625	4.514728
#1	1.895879	-.173283	.0677241
#2	1.897481	-.173076	.0624507
#3	1.921766	-.174264	.0674715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1958.431	24150.20	2508.831	1672.685	2065.038
Stddev	3.619	132.17	9.190	4.795	3.216
%RSD	.1847675	.5472709	.3663019	.2866388	.1557388
#1	1955.686	24211.62	2515.133	1677.629	2061.849
#2	1957.076	24240.47	2513.073	1672.371	2064.985
#3	1962.532	23998.49	2498.286	1668.055	2068.281

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-17DLX2 Acquired: 12/21/2024 5:25:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1520806	-.086203	.1573240	.0913390	.0371055	68.22639	.7771031
Stddev	.0042299	.002334	.0024508	.0024126	.0011656	.28451	.0033979
%RSD	2.781323	2.707158	1.557796	2.641373	3.141202	.4170121	.4372584
#1	.1495374	-.085172	.1545209	.0930326	.0377921	67.90418	.7732477
#2	.1497410	-.084563	.1583894	.0885766	.0377646	68.44303	.7796618
#3	.1569634	-.088875	.1590619	.0924078	.0357597	68.33196	.7783997

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068601	.0026345	57.40485	.1781987	.1233580	.2716253	200.6170
Stddev	.0000941	.0001288	.27636	.0005849	.0005029	.0012941	.6358
%RSD	1.371820	4.890477	.4814201	.3282107	.4077063	.4764317	.3169069
#1	.0069545	.0027098	57.11157	.1776112	.1233385	.2730943	200.0327
#2	.0067663	.0024857	57.66042	.1787809	.1238704	.2711279	201.2940
#3	.0068594	.0027080	57.44257	.1782040	.1228651	.2706536	200.5242

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.831809	39.93233	.1654679	.0115371	1.630509	.4876142	.4660772
Stddev	.014013	.03131	.0011069	.0010934	.367228	.0119516	.0090979
%RSD	.3657112	.0783981	.6689763	9.477466	22.52232	2.451041	1.952013
#1	3.815636	39.90483	.1651073	.0105447	1.206912	.4780046	.4751417
#2	3.840332	39.96640	.1667102	.0113573	1.859069	.5009970	.4569462
#3	3.839460	39.92577	.1645863	.0127093	1.825546	.4838408	.4661437

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.33211	5.630184	.0535086	.0013127	1.049850	.9407021	.0086354
Stddev	.19665	.004596	.0013956	.0006040	.006103	.0057610	.0019732
%RSD	1.204076	.0816358	2.608218	46.01581	.5813369	.6124169	22.85025
#1	16.12882	5.625254	.0524442	.0020062	1.049152	.9394687	.0107972
#2	16.52137	5.630947	.0529928	.0009016	1.044125	.9469799	.0081779
#3	16.34616	5.634352	.0550887	.0010302	1.056272	.9356577	.0069312

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-17DLX2 Acquired: 12/21/2024 5:25:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.934590	.0011815	.0561628
Stddev	.005574	.0001079	.0027617
%RSD	.2880998	9.135643	4.917378
#1	1.932340	.0012211	.0589789
#2	1.940937	.0010594	.0560508
#3	1.930493	.0012641	.0534588

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.065	24522.40	2537.150	1688.728	2109.961
Stddev	2.693	69.17	8.415	7.060	1.004
%RSD	.1352564	.2820624	.3316653	.4180662	.0475912
#1	1988.252	24443.07	2530.284	1682.458	2110.033
#2	1993.619	24570.06	2534.629	1687.351	2110.927
#3	1991.324	24554.07	2546.538	1696.375	2108.922

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-18DLX2 Acquired: 12/21/2024 5:29:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1463454	-.071728	.1481700	.0790318	.0318001	60.32557	.6755681
Stddev	.0002176	.002550	.0047847	.0051608	.0011136	.24784	.0051621
%RSD	.1487066	3.555705	3.229202	6.530012	3.501921	.4108400	.7641097
#1	.1465632	-.074540	.1484566	.0755391	.0307593	60.03972	.6698612
#2	.1463452	-.071080	.1432485	.0765968	.0329745	60.45653	.6769314
#3	.1461279	-.069564	.1528050	.0849596	.0316666	60.48047	.6799118

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061977	.0024904	47.24568	.1591635	.1083624	.2489080	174.6547
Stddev	.0001013	.0000208	.15473	.0014212	.0003721	.0066983	.7585
%RSD	1.634878	.8346436	.3275040	.8929065	.3434196	2.691096	.4342637
#1	.0063146	.0025108	47.12922	.1606384	.1083919	.2560831	173.7835
#2	.0061438	.0024693	47.42125	.1590492	.1079764	.2478216	175.0131
#3	.0061348	.0024910	47.18655	.1578029	.1087190	.2428192	175.1676

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.274064	35.04142	.1398854	.0101032	1.897176	.4044659	.6681140
Stddev	.021006	.16788	.0005558	.0008728	.699282	.0069531	.0134081
%RSD	.6415870	.4790911	.3973329	8.638588	36.85910	1.719092	2.006851
#1	3.250011	34.85043	.1405230	.0091016	2.669077	.4077208	.6538228
#2	3.288798	35.10814	.1395033	.0105079	1.305989	.4091945	.6701026
#3	3.283384	35.16568	.1396299	.0107002	1.716462	.3964823	.6804167

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.50293	4.312219	.0409816	.0016718	.6470845	1.398119	.0049375
Stddev	.09450	.003627	.0023036	.0001619	.0020820	.008722	.0007648
%RSD	.8215696	.0841059	5.620938	9.681704	.3217535	.6238112	15.48991
#1	11.60571	4.310264	.0387609	.0015098	.6483920	1.405056	.0041954
#2	11.48327	4.309989	.0408239	.0016720	.6446836	1.400973	.0048939
#3	11.41980	4.316404	.0433599	.0018335	.6481779	1.388328	.0057231

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-18DLX2 Acquired: 12/21/2024 5:29:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.892869	-.003328	.0447039
Stddev	.012183	.000802	.0067708
%RSD	.6436518	24.08741	15.14593
#1	1.878867	-.003106	.0408910
#2	1.901056	-.002661	.0525214
#3	1.898684	-.004217	.0406993

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1971.935	24400.49	2523.307	1684.915	2118.778
Stddev	4.845	39.30	6.719	1.574	4.135
%RSD	.2456989	.1610459	.2662664	.0934307	.1951607
#1	1968.741	24442.61	2523.467	1686.552	2118.930
#2	1977.510	24394.04	2516.510	1684.783	2122.836
#3	1969.554	24364.82	2529.944	1683.411	2114.570

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-19DLX2 Acquired: 12/21/2024 5:33:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1467246	-.083548	.1216120	.0889978	.0364665	67.22903	.7093616
Stddev	.0036111	.001689	.0008540	.0022624	.0011064	.41970	.0068045
%RSD	2.461154	2.021465	.7022105	2.542118	3.034073	.6242905	.9592478
#1	.1433487	-.082393	.1206891	.0915935	.0377270	66.81987	.7018384
#2	.1505321	-.082764	.1223742	.0879547	.0360160	67.20867	.7111602
#3	.1462931	-.085486	.1217726	.0874450	.0356563	67.65854	.7150861

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065839	.0022398	49.25092	.1755806	.1180192	.2726199	194.9279
Stddev	.0001859	.0000387	.33498	.0003019	.0004943	.0122154	1.2223
%RSD	2.824275	1.727772	.6801574	.1719488	.4188368	4.480739	.6270455
#1	.0064007	.0022838	48.92272	.1757925	.1174775	.2665770	193.9048
#2	.0065785	.0022110	49.23773	.1757144	.1181343	.2866790	194.5974
#3	.0067725	.0022247	49.59230	.1752349	.1184458	.2646039	196.2814

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.629859	39.08262	.1571182	.0103730	1.484860	.4644798	.3676159
Stddev	.019607	.23188	.0016364	.0010699	.345566	.0073129	.0056576
%RSD	.5401457	.5933171	1.041501	10.31386	23.27265	1.574420	1.539003
#1	3.612441	38.95441	.1556927	.0095646	1.128795	.4561172	.3723984
#2	3.626043	38.94315	.1589051	.0099682	1.506913	.4696748	.3613705
#3	3.651093	39.35030	.1567570	.0115862	1.818872	.4676475	.3690786

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.26625	4.824850	.0477777	.0013614	.7376785	1.655774	.0093165
Stddev	.07830	.011808	.0019580	.0000950	.0029375	.013114	.0019653
%RSD	.5902055	.2447298	4.098056	6.976838	.3982102	.7920069	21.09489
#1	13.17790	4.816844	.0490175	.0014516	.7391847	1.649326	.0074424
#2	13.29383	4.819297	.0455205	.0013702	.7395574	1.647132	.0091453
#3	13.32703	4.838411	.0487952	.0012623	.7342934	1.670863	.0113619

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-19DLX2 Acquired: 12/21/2024 5:33:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.084890	-.009303	.0505289
Stddev	.022337	.000133	.0018870
%RSD	1.071378	1.426735	3.734432
#1	2.063165	-.009389	.0517864
#2	2.083713	-.009369	.0483592
#3	2.107793	-.009150	.0514412

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1980.270	24310.83	2518.782	1676.409	2113.244
Stddev	5.352	55.18	7.458	10.990	3.725
%RSD	.2702417	.2269844	.2960955	.6555482	.1762878
#1	1975.300	24247.37	2522.999	1663.724	2111.433
#2	1979.576	24337.55	2523.177	1683.052	2110.770
#3	1985.935	24347.56	2510.171	1682.452	2117.529

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-20DLX2 Acquired: 12/21/2024 5:37:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1679995	-.101653	.1423455	.1011042	.0415079	74.96434	.7335167
Stddev	.0053674	.001335	.0020190	.0010778	.0005269	.22282	.0015114
%RSD	3.194884	1.313210	1.418383	1.066029	1.269482	.2972338	.2060440
#1	.1630994	-.100298	.1417941	.0999146	.0421141	74.70987	.7319549
#2	.1671633	-.102967	.1445829	.1020157	.0411596	75.12450	.7336233
#3	.1737360	-.101695	.1406595	.1013824	.0412499	75.05863	.7349720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073409	.0024722	52.30980	.1956972	.1366285	.3066541	221.4847
Stddev	.0001620	.0000467	.21615	.0007782	.0003351	.0006122	.7137
%RSD	2.206265	1.890673	.4132185	.3976408	.2452774	.1996386	.3222200
#1	.0074042	.0024535	52.07502	.1956646	.1363235	.3066665	220.6931
#2	.0071569	.0024378	52.50055	.1949358	.1365748	.3072600	221.6821
#3	.0074617	.0025254	52.35384	.1964911	.1369872	.3060357	222.0788

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.008978	44.08978	.1756641	.0127721	1.475027	.5362171	.5064346
Stddev	.006311	.13786	.0012635	.0001396	.584959	.0042302	.0136219
%RSD	.1574216	.3126909	.7192932	1.092636	39.65751	.7888881	2.689768
#1	4.005133	43.97447	.1766808	.0126156	1.952102	.5361633	.5074769
#2	4.005540	44.05238	.1742495	.0128168	1.650588	.5320141	.5195054
#3	4.016262	44.24248	.1760620	.0128838	.822392	.5404739	.4923215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.07966	5.057862	.0509303	.0012017	.6608353	1.267729	.0107566
Stddev	.12422	.005783	.0015349	.0005388	.0063137	.006423	.0007549
%RSD	.8822718	.1143304	3.013698	44.83622	.9554093	.5066700	7.017582
#1	14.08137	5.057614	.0508239	.0012702	.6536099	1.260385	.0099261
#2	14.20301	5.052208	.0494514	.0017029	.6652892	1.270503	.0109425
#3	13.95459	5.063765	.0525156	.0006319	.6636068	1.272299	.0114011

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-20DLX2 Acquired: 12/21/2024 5:37:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.224414	-.024801	.0560455
Stddev	.006947	.000380	.0046532
%RSD	.3122927	1.530907	8.302561
#1	2.223934	-.024388	.0543906
#2	2.217719	-.025135	.0612999
#3	2.231588	-.024879	.0524459

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1991.587	24558.73	2533.005	1701.508	2105.374
Stddev	2.603	63.06	7.499	6.871	2.401
%RSD	.1307022	.2567574	.2960414	.4038274	.1140310
#1	1989.831	24492.72	2540.519	1697.875	2102.644
#2	1990.351	24565.14	2525.522	1697.216	2107.157
#3	1994.577	24618.34	2532.975	1709.433	2106.320

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-21DLX2 Acquired: 12/21/2024 5:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1628456	-.093645	.1386592	.0984036	.0424165	73.31458	.7197557
Stddev	.0061291	.002529	.0010092	.0054683	.0010938	.41249	.0042240
%RSD	3.763730	2.700202	.7278332	5.557046	2.578835	.5626326	.5868619
#1	.1570062	-.094103	.1376274	.0966554	.0414930	73.01960	.7168439
#2	.1623025	-.090919	.1387060	.0940231	.0421320	73.13820	.7178230
#3	.1692282	-.095913	.1396442	.1045322	.0436245	73.78594	.7246003

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072981	.0024752	51.28916	.1917734	.1339266	.2964315	216.7480
Stddev	.0000826	.0000538	.30058	.0008688	.0005326	.0103815	1.5329
%RSD	1.132014	2.173711	.5860557	.4530358	.3976758	3.502171	.7072169
#1	.0073391	.0025368	51.10551	.1927040	.1337160	.2996663	215.9300
#2	.0073523	.0024514	51.12592	.1909836	.1335316	.2848176	215.7976
#3	.0072030	.0024374	51.63604	.1916327	.1345323	.3048105	218.5163

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.929259	43.13246	.1732591	.0114511	1.652077	.5256518	.4859715
Stddev	.025209	.27475	.0007864	.0005514	.075286	.0093144	.0110107
%RSD	.6415650	.6369958	.4539012	4.815605	4.557030	1.771976	2.265700
#1	3.910763	43.02804	.1729129	.0117489	1.630593	.5303354	.4779133
#2	3.919041	42.92523	.1741592	.0108148	1.589868	.5316949	.4814839
#3	3.957972	43.44412	.1727052	.0117896	1.735769	.5149251	.4985173

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.73985	4.941044	.0473600	.0008379	.6467483	1.085553	.0089766
Stddev	.15659	.006576	.0003807	.0001287	.0034950	.005236	.0001990
%RSD	1.139695	.1330914	.8039124	15.36299	.5403885	.4822966	2.216753
#1	13.71258	4.933620	.0470268	.0007377	.6500635	1.090191	.0092028
#2	13.59869	4.943371	.0472783	.0007930	.6470835	1.086592	.0088987
#3	13.90829	4.946139	.0477750	.0009831	.6430978	1.079876	.0088284

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-21DLX2 Acquired: 12/21/2024 5:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.156400	-.024181	.0550629
Stddev	.010005	.000547	.0034061
%RSD	.4639550	2.262186	6.185757
#1	2.152827	-.024509	.0548447
#2	2.148672	-.023549	.0517712
#3	2.167701	-.024484	.0585728

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1981.465	24452.60	2512.300	1690.249	2097.328
Stddev	2.381	99.37	15.482	5.103	2.636
%RSD	.1201570	.4063592	.6162470	.3019090	.1257016
#1	1983.072	24440.17	2502.282	1685.181	2100.142
#2	1978.729	24557.60	2530.132	1695.386	2094.916
#3	1982.592	24360.04	2504.486	1690.182	2096.926

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-20LDLX10 Acquired: 12/21/2024 5:45:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0338567	-.016662	.0278091	.0218035	.0065260	15.58690	.1529136
Stddev	.0027007	.002248	.0008343	.0013223	.0010984	.03033	.0003566
%RSD	7.976833	13.49197	3.000084	6.064820	16.83095	.1945695	.2332315
#1	.0307531	-.015844	.0269485	.0232283	.0052799	15.58637	.1526925
#2	.0356724	-.019204	.0286144	.0215665	.0069443	15.55684	.1527232
#3	.0351445	-.014937	.0278643	.0206157	.0073537	15.61749	.1533250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017246	.0005133	10.95873	.0407474	.0296757	.0664570	46.47408
Stddev	.0001127	.0000772	.07253	.0004920	.0007684	.0029782	.10600
%RSD	6.535502	15.04055	.6618144	1.207534	2.589195	4.481418	.2280752
#1	.0016144	.0005375	10.99054	.0403273	.0291029	.0630235	46.48659
#2	.0018396	.0004269	10.87574	.0412887	.0305489	.0683410	46.36239
#3	.0017199	.0005755	11.00992	.0406261	.0293753	.0680064	46.57328

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8414013	9.231578	.0336377	.0029137	1.118378	.1055131	.1126636
Stddev	.0019291	.118171	.0004370	.0006567	.621127	.0052992	.0044259
%RSD	.2292679	1.280076	1.299261	22.53877	55.53822	5.022332	3.928419
#1	.8421700	9.095192	.0336465	.0026637	1.276123	.1106695	.1086058
#2	.8392063	9.296070	.0340702	.0036587	.433588	.1057880	.1173831
#3	.8428274	9.303471	.0331962	.0024187	1.645423	.1000818	.1120019

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.471787	.9837463	.0109324	-.000087	.1227748	.4022020	-.008265
Stddev	.082694	.0064169	.0030899	.000408	.0020595	.0048326	.000049
%RSD	3.345522	.6522947	28.26357	468.2395	1.677431	1.201541	.5904798
#1	2.426460	.9802939	.0083991	.000045	.1212830	.4008663	-.008301
#2	2.421667	.9797947	.0143749	.000239	.1219168	.3981777	-.008285
#3	2.567234	.9911504	.0100233	-.000545	.1251245	.4075620	-.008210

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-20LDLX10 Acquired: 12/21/2024 5:45:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4833443	-.005469	.0161081
Stddev	.0010757	.000379	.0004233
%RSD	.2225571	6.937716	2.628129
#1	.4832491	-.005376	.0165366
#2	.4844645	-.005887	.0160975
#3	.4823194	-.005145	.0156901

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1866.282	22990.28	2351.267	1588.807	2138.400
Stddev	3.606	247.60	8.777	14.022	5.279
%RSD	.1932290	1.076967	.3733013	.8825513	.2468586
#1	1864.871	22835.56	2342.766	1576.514	2137.825
#2	1870.381	22859.43	2360.297	1585.828	2143.943
#3	1863.595	23275.85	2350.740	1604.079	2133.432

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-22DLX2 Acquired: 12/21/2024 5:49:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2555185	-.007560	.1807965	.2641472	.2049375	76.91831	4.535396
Stddev	.0043389	.002620	.0022252	.0036519	.0032099	.39865	.020001
%RSD	1.698093	34.65261	1.230768	1.382534	1.566275	.5182779	.4410005
#1	.2512372	-.006309	.1783703	.2675107	.2033911	76.50081	4.519983
#2	.2599129	-.010571	.1812769	.2646681	.2086279	77.29497	4.557998
#3	.2554054	-.005800	.1827422	.2602628	.2027935	76.95917	4.528208

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1026498	.1011588	51.43227	.5906671	1.115090	.7450076	218.2559
Stddev	.0006447	.0002281	.16061	.0012196	.001171	.0096255	1.2704
%RSD	.6280604	.2254684	.3122816	.2064719	.1050024	1.291994	.5820598
#1	.1019055	.1009783	51.24707	.5920698	1.114574	.7350020	216.9190
#2	.1030343	.1010829	51.51630	.5900735	1.114266	.7542015	219.4471
#3	.1030096	.1014152	51.53343	.5898579	1.116430	.7458193	218.4016

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.876535	42.96282	1.171691	.0795848	.9813587	1.483182	1.325702
Stddev	.032753	.34944	.001297	.0001690	.4289290	.003359	.009507
%RSD	.6716367	.8133527	.1106560	.2123356	43.70767	.2265008	.7171327
#1	4.838885	42.61260	1.171030	.0794033	.8196195	1.486983	1.336340
#2	4.898462	43.31148	1.170858	.0797376	1.467642	1.480611	1.318037
#3	4.892257	42.96439	1.173185	.0796133	.656814	1.481950	1.322727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.61801	4.961388	.0474561	.0015403	.6509242	1.525562	.0087951
Stddev	.12638	.007675	.0046380	.0003650	.0057269	.004550	.0006544
%RSD	.9280229	.1547025	9.773206	23.69768	.8798111	.2982795	7.440206
#1	13.62786	4.964149	.0427177	.0019368	.6465322	1.520307	.0082302
#2	13.48699	4.952714	.0476637	.0012181	.6574016	1.528158	.0095122
#3	13.73917	4.967300	.0519867	.0014662	.6488389	1.528219	.0086429

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5190-22DLX2 Acquired: 12/21/2024 5:49:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZM8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.204512	-.026458	.0561019
Stddev	.012952	.000568	.0040901
%RSD	.5875080	2.145733	7.290502
#1	2.189890	-.026545	.0540192
#2	2.209103	-.026977	.0608142
#3	2.214543	-.025851	.0534723

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1975.017	24500.13	2513.556	1684.815	2096.471
Stddev	3.769	115.10	9.018	4.354	3.690
%RSD	.1908288	.4697920	.3587613	.2584248	.1760240
#1	1977.712	24411.47	2519.223	1682.846	2098.329
#2	1976.630	24458.70	2503.157	1681.793	2098.862
#3	1970.710	24630.20	2518.287	1689.806	2092.221

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165691BL Acquired: 12/21/2024 5:53:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS691 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001337	.0004875	-.004423	-.001588	-.005403	-.013063
Stddev	.0017944	.0010559	.000624	.000606	.001469	.001905
%RSD	1342.113	216.5863	14.10538	38.17336	27.19217	14.58734
#1	-.001629	.0011017	-.005123	-.001515	-.006350	-.015259
#2	.001959	.0010925	-.003926	-.002227	-.003710	-.012083
#3	.000071	-.000732	-.004220	-.001021	-.006148	-.011846

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010671	.0000265	-.000006	.0344577	-.000529	.0001738
Stddev	.0000742	.0000946	.000073	.0143590	.000523	.0002678
%RSD	6.957724	356.5590	1305.959	41.67141	98.82277	154.0464
#1	.0011482	-.000038	.000013	.0509562	.000075	-.000001
#2	.0010505	-.000017	-.000086	.0247834	-.000827	.000040
#3	.0010025	.000135	.000057	.0276335	-.000836	.000482

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003590	.0189718	.0009290	.0720525	.0004681	.0008586
Stddev	.004780	.0156267	.0008594	.0240473	.0004172	.0001228
%RSD	133.1387	82.36836	92.50642	33.37467	89.11871	14.30129
#1	-.000789	.0291352	.0014776	.0493535	.0006220	.0008337
#2	-.000872	.0009779	-.000061	.0972525	.0007865	.0007503
#3	-.009110	.0268022	.001371	.0695515	-.000004	.0009920

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6562378	-.005294	.0032532	-.491556	-.004627	-.000116
Stddev	.4769323	.009920	.0053237	.159956	.000962	.001538
%RSD	72.67675	187.3842	163.6460	32.54073	20.79930	1324.276
#1	.5327290	.003717	.0092808	-.307563	-.003679	-.001521
#2	1.182776	-.003674	-.000806	-.569562	-.004598	-.000354
#3	.253209	-.015925	.001285	-.597544	-.005603	.001527

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165691BL Acquired: 12/21/2024 5:53:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS691 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000028	-.005947	-.003854	F -.014026	.0047972	.0000546
Stddev	.000797	.003423	.001054	.001476	.0023627	.0000579
%RSD	2815.917	57.55477	27.34570	10.52023	49.25216	105.9713
#1	-.000931	-.002898	-.005049	-.013578	.0075250	.0000967
#2	.000579	-.009650	-.003452	-.015673	.0034767	-.000011
#3	.000267	-.005294	-.003059	-.012826	.0033899	.000079

Elem	Li6707
Units	ppm
Avg	.0067144
Stddev	.0011020
%RSD	16.41305
#1	.0071218
#2	.0054666
#3	.0075547

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1821.048	22537.38	2277.432	1556.002	2145.139
Stddev	2.081	56.51	19.509	4.296	1.772
%RSD	.1142854	.2507251	.8566037	.2761169	.0826083
#1	1821.734	22502.15	2280.641	1556.403	2143.096
#2	1822.700	22507.43	2256.517	1551.519	2146.068
#3	1818.711	22602.56	2295.137	1560.084	2146.254

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165691BS Acquired: 12/21/2024 5:57:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS691 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0243237	.0520835	.0187006	.0584308	.1045247	.3955106
Stddev	.0026642	.0007996	.0012797	.0024535	.0015235	.0267176
%RSD	10.95316	1.535232	6.843293	4.199002	1.457538	6.755230
#1	.0266755	.0512004	.0195323	.0598972	.1062722	.4263244
#2	.0214303	.0522918	.0172270	.0597968	.1038259	.3814131
#3	.0248653	.0527584	.0193426	.0555983	.1034759	.3787942

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4095159	.0104611	.0098589	10.00278	.0198201	.0997742
Stddev	.0024769	.0001502	.0000319	.05087	.0004783	.0005743
%RSD	.6048380	1.436010	.3231605	.5085695	2.413051	.5756266
#1	.4118905	.0105599	.0098956	10.02715	.0199762	.1003077
#2	.4069480	.0105352	.0098392	10.03689	.0202009	.0998486
#3	.4097092	.0102882	.0098417	9.94431	.0192833	.0991663

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0515066	.2021127	.0309370	10.29207	.0773550	.0189501
Stddev	.0018080	.0324714	.0006968	.02974	.0001279	.0006177
%RSD	3.510164	16.06601	2.252275	.2889343	.1652930	3.259599
#1	.0496730	.2133273	.0309383	10.32063	.0773073	.0188429
#2	.0515590	.2274904	.0316331	10.26128	.0772579	.0196145
#3	.0532878	.1655205	.0302396	10.29430	.0774999	.0183931

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.55945	.0959509	.1118815	8.977868	F .0134105	F .0013024
Stddev	.54431	.0019240	.0077061	.305225	.0021813	.0014685
%RSD	5.154685	2.005160	6.887739	3.399745	16.26557	112.7508
#1	10.34688	.0974165	.1132755	9.239426	.0149902	.0017251
#2	11.17796	.0966641	.1035736	8.642510	.0143197	-.000331
#3	10.15350	.0937722	.1187955	9.051668	.0109217	.002513

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165691BS Acquired: 12/21/2024 5:57:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS691 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0186567	.1688958	F .4815351	F -.000816	.1988705	.2086662
Stddev	.0000699	.0042004	.0011322	.001373	.0017901	.0008508
%RSD	.3748430	2.486956	.2351244	168.3225	.9001343	.4077302
#1	.0185768	.1701440	.4813653	-.000097	.1980365	.2095864
#2	.0186862	.1642127	.4804973	-.002399	.1976496	.2079082
#3	.0187069	.1723305	.4827426	.000049	.2009254	.2085041

Elem	Li6707
Units	ppm
Avg	F .0410264
Stddev	.0019332
%RSD	4.712127
#1	.0426481
#2	.0388871
#3	.0415441

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.364	22800.97	2331.308	1575.722	2171.698
Stddev	4.292	113.57	10.603	13.862	6.251
%RSD	.2319385	.4980829	.4548170	.8797278	.2878484
#1	1851.123	22741.09	2319.097	1560.042	2170.449
#2	1845.744	22729.88	2336.650	1580.775	2166.166
#3	1854.226	22931.95	2338.178	1586.348	2178.479

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165691BSD Acquired: 12/21/2024 6:01:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD691 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0142604	.0262470	.0078573	.0277463	.0506605	.1737174	.2101730
Stddev	.0020718	.0015236	.0008298	.0027363	.0025580	.0325488	.0006662
%RSD	14.52833	5.804683	10.56058	9.861953	5.049290	18.73663	.3169699
#1	.0164196	.0247166	.0069881	.0247292	.0520405	.2111604	.2108671
#2	.0122888	.0262606	.0079430	.0284421	.0477088	.1578132	.2101132
#3	.0140728	.0277636	.0086410	.0300675	.0522320	.1521785	.2095387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054100	.0050342	5.172351	.0095844	.0514106	.0245272	.1054979
Stddev	.0001486	.0000213	.066466	.0003979	.0003424	.0038107	.0077702
%RSD	2.746859	.4237045	1.285031	4.151624	.6660586	15.53668	7.365255
#1	.0055506	.0050589	5.225080	.0096935	.0515041	.0248809	.0967144
#2	.0052545	.0050218	5.097690	.0091433	.0510311	.0205520	.1083045
#3	.0054249	.0050220	5.194282	.0099164	.0516966	.0281488	.1114749

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0143153	5.327088	.0391305	.0102739	5.690402	.0484981	.0518212
Stddev	.0004178	.081465	.0004160	.0015390	.253774	.0040688	.0038649
%RSD	2.918901	1.529255	1.063170	14.97995	4.459681	8.389518	7.458097
#1	.0138976	5.421012	.0395605	.0103043	5.507730	.0462612	.0561246
#2	.0143149	5.275633	.0387300	.0117974	5.583308	.0460385	.0486460
#3	.0147333	5.284618	.0391012	.0087199	5.980168	.0531945	.0506930

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.507644	.0060314	.0003662	.0093249	.0827550	.2447002	-.006629
Stddev	.072913	.0021878	.0007453	.0001619	.0031185	.0043218	.001313
%RSD	1.617542	36.27357	203.5431	1.736529	3.768344	1.766177	19.80296
#1	4.452032	.0085575	-.000184	.0093754	.0811702	.2486324	-.007474
#2	4.480706	.0047431	.001214	.0094556	.0807471	.2400730	-.005117
#3	4.590193	.0047936	.000069	.0091437	.0863476	.2453953	-.007296

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165691BSD Acquired: 12/21/2024 6:01:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD691 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1017748	.1078216	.0294475
Stddev	.0036704	.0004666	.0003933
%RSD	3.606412	.4328025	1.335724
#1	.0980758	.1082910	.0294989
#2	.1018328	.1073577	.0298126
#3	.1054159	.1078162	.0290310

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.419	22675.14	2295.021	1562.078	2175.066
Stddev	6.769	182.18	25.129	8.751	9.309
%RSD	.3677909	.8034510	1.094936	.5601959	.4279774
#1	1835.032	22826.40	2268.679	1563.309	2169.104
#2	1848.017	22472.90	2318.730	1552.776	2185.792
#3	1838.208	22726.12	2297.653	1570.147	2170.300

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-06DLX2 Acquired: 12/21/2024 6:05:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ43 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286128	.0104257	.8426708	-.002573	-.006119	26.18502	.3018898
Stddev	.0021364	.0024993	.0028634	.001899	.001181	.07358	.0022933
%RSD	7.466452	23.97215	.3398025	73.82296	19.29602	.2810041	.7596351
#1	.0263705	.0133114	.8437052	-.004037	-.007118	26.25347	.3045269
#2	.0288436	.0089527	.8394339	-.003255	-.004816	26.10720	.3007795
#3	.0306245	.0090130	.8448733	-.000427	-.006422	26.19438	.3003630

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026429	.0035716	606.8431	.0417547	.0672037	.1561113	68.36600
Stddev	.0001261	.0000416	1.2676	.0008342	.0002798	.0014116	.15114
%RSD	4.771193	1.164510	.2088805	1.997886	.4163721	.9042477	.2210813
#1	.0025116	.0035268	608.2018	.0412147	.0675252	.1572579	68.24529
#2	.0027631	.0036090	605.6924	.0427155	.0670144	.1565414	68.53552
#3	.0026541	.0035789	606.6350	.0413339	.0670716	.1545347	68.31719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.554331	306.2113	.0653844	.0059901	1.177214	.0592347	.8429626
Stddev	.010109	.2956	.0003106	.0003162	.772432	.0108233	.0184987
%RSD	.1820105	.0965300	.4751081	5.278268	65.61527	18.27189	2.194489
#1	5.547468	306.0676	.0652149	.0056711	.285818	.0693196	.8231439
#2	5.565941	306.5513	.0651954	.0059959	1.596234	.0605848	.8597726
#3	5.549586	306.0150	.0657429	.0063033	1.649590	.0477997	.8459712

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.959720	2.915826	.0519155	.0020557	6.766048	5.342396	.0271277
Stddev	.082263	.009006	.0019442	.0000895	.019276	.014881	.0017808
%RSD	2.077492	.3088730	3.744913	4.354751	.2848972	.2785540	6.564418
#1	4.046964	2.905572	.0538920	.0019544	6.776282	5.325994	.0269046
#2	3.948634	2.919450	.0500054	.0021240	6.743813	5.346160	.0254689
#3	3.883563	2.922455	.0518490	.0020888	6.778049	5.355033	.0290094

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-06DLX2 Acquired: 12/21/2024 6:05:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ43 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4600597	.2936051	.0649416
Stddev	.0007946	.0004467	.0033780
%RSD	.1727113	.1521337	5.201535
#1	.4599090	.2933863	.0677689
#2	.4593513	.2941190	.0612009
#3	.4609189	.2933100	.0658552

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1823.155	22608.27	2415.036	1543.449	1833.068
Stddev	4.690	141.14	4.032	10.059	3.395
%RSD	.2572552	.6242874	.1669626	.6517365	.1852029
#1	1818.834	22448.36	2410.860	1534.218	1829.170
#2	1822.487	22660.99	2415.341	1541.958	1834.655
#3	1828.143	22715.46	2418.907	1554.170	1835.379

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-07DLX2 Acquired: 12/21/2024 6:08:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ44 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328743	-.005499	.9566746	.0132552	.0022289	40.22096	.5131901
Stddev	.0064608	.003224	.0051973	.0039514	.0012764	.06224	.0028693
%RSD	19.65294	58.62888	.5432666	29.80979	57.26380	.1547454	.5591169
#1	.0366904	-.009218	.9557811	.0088828	.0007705	40.23679	.5143389
#2	.0365179	-.003774	.9622607	.0143124	.0031421	40.27375	.5153071
#3	.0254147	-.003505	.9519819	.0165704	.0027741	40.15233	.5099244

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038682	.0032388	340.6731	.0611917	.0749518	.1726630	88.13198
Stddev	.0001714	.0000631	.1422	.0003243	.0001449	.0039417	.31015
%RSD	4.430330	1.948826	.0417411	.5299195	.1932861	2.282879	.3519141
#1	.0040637	.0033065	340.6364	.0614295	.0751191	.1737892	87.98580
#2	.0037974	.0031816	340.8300	.0613234	.0748689	.1682808	88.48820
#3	.0037437	.0032283	340.5528	.0608223	.0748674	.1759190	87.92193

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.750408	129.6209	.0940551	.0067691	1.315663	.0811594	.7629782
Stddev	.011387	.4114	.0012484	.0014513	.636531	.0063855	.0173998
%RSD	.2397076	.3174075	1.327266	21.43963	48.38100	7.867857	2.280511
#1	4.748045	129.1488	.0945230	.0080433	2.047041	.0752205	.7525698
#2	4.762792	129.8106	.0950019	.0051894	1.013116	.0879133	.7532994
#3	4.740388	129.9032	.0926404	.0070746	.886833	.0803445	.7830653

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.231615	6.645505	.0506755	.0023118	2.602433	3.167259	.0535532
Stddev	.119542	.012079	.0009357	.0006983	.012091	.010340	.0020945
%RSD	2.285001	.1817625	1.846348	30.20753	.4645947	.3264750	3.911052
#1	5.272741	6.659425	.0509616	.0025400	2.612305	3.156376	.0518715
#2	5.096938	6.639302	.0514346	.0028674	2.588947	3.168448	.0528888
#3	5.325165	6.637787	.0496302	.0015279	2.606046	3.176954	.0558993

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-07DLX2 Acquired: 12/21/2024 6:08:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ44 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7944063	.2300796	.0807254
Stddev	.0042872	.0004741	.0008184
%RSD	.5396705	.2060525	1.013843
#1	.7973042	.2296667	.0806978
#2	.7964332	.2305973	.0815572
#3	.7894815	.2299747	.0799211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1896.765	23659.26	2485.667	1615.812	1891.444
Stddev	.371	89.37	11.172	8.348	1.984
%RSD	.0195828	.3777469	.4494504	.5166348	.1048900
#1	1896.364	23560.58	2473.677	1606.744	1889.223
#2	1896.834	23682.45	2487.541	1623.177	1892.068
#3	1897.097	23734.75	2495.784	1617.513	1893.041

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-10DLX2 Acquired: 12/21/2024 6:12:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ47 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538270	-.002473	.2537720	.0126185	-.001591	44.19184	.5330203
Stddev	.0015168	.005854	.0020079	.0030098	.003643	.06861	.0028068
%RSD	2.818002	236.7067	.7912196	23.85204	228.9826	.1552470	.5265876
#1	.0528625	.003265	.2556342	.0128288	-.000525	44.17418	.5328513
#2	.0530431	-.008436	.2540371	.0155175	.001401	44.26755	.5359078
#3	.0555754	-.002249	.2516447	.0095090	-.005649	44.13379	.5303018

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045133	.0056909	640.0116	.0660381	.0794933	.0985446	100.0659
Stddev	.0001686	.0001202	1.9281	.0001883	.0002895	.0059620	.4707
%RSD	3.735218	2.111335	.3012634	.2851278	.3642066	6.050080	.4704082
#1	.0046873	.0055648	641.4953	.0661472	.0795462	.0959048	100.4994
#2	.0043507	.0057038	640.7072	.0658206	.0791809	.0943581	100.1331
#3	.0045019	.0058041	637.8322	.0661464	.0797527	.1053708	99.5652

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.447784	284.5451	.1061029	.0074400	.9524932	.0940817	1.139580
Stddev	.013294	.5343	.0006253	.0012370	.1403596	.0108676	.014137
%RSD	.2989015	.1877692	.5893052	16.62614	14.73602	11.55120	1.240544
#1	4.457958	284.8848	.1058084	.0061944	1.093618	.1044424	1.155902
#2	4.452653	284.8212	.1068210	.0074574	.950951	.0950329	1.131598
#3	4.432742	283.9292	.1056792	.0086682	.812911	.0827698	1.131239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.097258	2.336210	.0531692	.0032688	5.456178	5.077556	.0106201
Stddev	.196656	.002896	.0022061	.0005696	.019832	.024579	.0012976
%RSD	3.858076	.1239580	4.149236	17.42517	.3634751	.4840647	12.21865
#1	4.947482	2.339531	.0507651	.0033413	5.478764	5.072688	.0114542
#2	5.024333	2.334211	.0551008	.0026664	5.448156	5.104204	.0091250
#3	5.319960	2.334887	.0536417	.0037987	5.441613	5.055775	.0112810

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-10DLX2 Acquired: 12/21/2024 6:12:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ47 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4892904	.3572033	.0883741
Stddev	.0035205	.0007842	.0022226
%RSD	.7195056	.2195369	2.514971
#1	.4918708	.3580932	.0867185
#2	.4852799	.3566131	.0875037
#3	.4907205	.3569037	.0909001

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.120	22446.11	2397.132	1533.853	1801.180
Stddev	5.435	112.56	4.255	6.504	3.258
%RSD	.3016003	.5014593	.1774948	.4240519	.1808719
#1	1805.108	22425.37	2392.463	1530.913	1799.190
#2	1805.405	22567.60	2398.144	1541.309	1804.940
#3	1795.846	22345.37	2400.790	1529.338	1799.411

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-22DLX2 Acquired: 12/21/2024 6:16:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316397	-.002244	.8911799	.0165870	.0017086	41.91827	.5209983
Stddev	.0038745	.001368	.0054015	.0041570	.0015158	.59760	.0093306
%RSD	12.24584	60.97102	.6061022	25.06150	88.71286	1.425637	1.790909
#1	.0271664	-.003263	.8952242	.0168936	.0026174	42.60768	.5317365
#2	.0339434	-.002778	.8850458	.0205822	.0025497	41.59924	.5163902
#3	.0338092	-.000689	.8932697	.0122853	-.000041	41.54788	.5148683

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036975	.0031691	372.9876	.0553031	.0762651	.1839341	89.48400
Stddev	.0001236	.0000884	5.2161	.0008207	.0003049	.0081394	1.40092
%RSD	3.342032	2.788125	1.398463	1.484014	.3997973	4.425144	1.565548
#1	.0037751	.0030717	378.9878	.0544433	.0765451	.1885503	91.07819
#2	.0035550	.0031914	369.5339	.0553877	.0759403	.1745360	88.92462
#3	.0037624	.0032441	370.4412	.0560781	.0763100	.1887159	88.44921

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.695743	146.5847	.0885640	.0073754	1.474862	.0938400	.7692260
Stddev	.074588	1.7451	.0005442	.0002362	.208730	.0061470	.0112669
%RSD	1.588407	1.190533	.6145173	3.202171	14.15254	6.550548	1.464707
#1	4.781216	148.5839	.0890076	.0075023	1.238894	.0880989	.7817523
#2	4.662170	145.8044	.0879567	.0071029	1.635366	.0930960	.7660062
#3	4.643841	145.3659	.0887277	.0075211	1.550325	.1003252	.7599195

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.332991	4.856403	.0436751	.0020551	2.477936	4.791665	.0327070
Stddev	.191284	.009131	.0003951	.0003717	.009423	.061007	.0007843
%RSD	4.414588	.1880293	.9045591	18.08762	.3802815	1.273197	2.397890
#1	4.535186	4.865701	.0432568	.0022684	2.469381	4.856044	.0318339
#2	4.154904	4.847448	.0437267	.0022710	2.476390	4.784243	.0333518
#3	4.308885	4.856059	.0440419	.0016259	2.488036	4.734709	.0329353

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4941-22DLX2 Acquired: 12/21/2024 6:16:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7849002	.2199697	.0769295
Stddev	.0128551	.0037178	.0041477
%RSD	1.637803	1.690148	5.391551
#1	.7997158	.2242572	.0723081
#2	.7782852	.2180142	.0781515
#3	.7766997	.2176378	.0803289

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1880.656	23270.56	2452.856	1595.606	1876.546
Stddev	5.463	36.32	38.315	12.674	5.190
%RSD	.2905098	.1560708	1.562076	.7943109	.2765714
#1	1875.903	23237.43	2409.249	1594.628	1870.753
#2	1886.625	23264.86	2468.185	1583.450	1880.771
#3	1879.439	23309.39	2481.134	1608.741	1878.114

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-01DLX2 Acquired: 12/21/2024 6:20:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0167270	.0204141	.1622502	-.012255	-.009688	15.62293	.1226705
Stddev	.0040912	.0023054	.0008243	.005488	.001843	.00338	.0015250
%RSD	24.45895	11.29332	.5080354	44.78179	19.02441	.0216603	1.243135
#1	.0134673	.0189612	.1613522	-.016086	-.011146	15.61977	.1209907
#2	.0153956	.0230724	.1629724	-.005968	-.007616	15.62251	.1230526
#3	.0213181	.0192089	.1624260	-.014711	-.010301	15.62650	.1239680

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017026	.0028278	701.2552	.0444913	.0561275	.0373462	48.09475
Stddev	.0001605	.0000689	.5945	.0007967	.0001637	.0051465	.22169
%RSD	9.423762	2.437738	.0847770	1.790717	.2916266	13.78047	.4609394
#1	.0015318	.0027565	701.0727	.0436358	.0561910	.0349293	47.85445
#2	.0018502	.0028941	700.7734	.0446260	.0562499	.0338530	48.29131
#3	.0017258	.0028329	701.9196	.0452120	.0559416	.0432562	48.13850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.291905	327.6152	.0422607	.0036746	1.139084	.0421182	.5084895
Stddev	.012823	.6793	.0007982	.0002894	.179109	.0078866	.0136644
%RSD	.2987643	.2073344	1.888830	7.874907	15.72397	18.72500	2.687262
#1	4.281360	326.8314	.0430876	.0038219	.992050	.0400601	.4955231
#2	4.288175	328.0324	.0422000	.0033412	1.086642	.0354646	.5071866
#3	4.306179	327.9819	.0414946	.0038607	1.338561	.0508298	.5227587

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.992661	2.345912	.0633842	.0013173	11.67688	5.121504	.0050677
Stddev	.146534	.010296	.0028812	.0001497	.03535	.050752	.0018558
%RSD	3.670071	.4389120	4.545543	11.36317	.3027719	.9909569	36.61979
#1	3.843187	2.356324	.0608786	.0012182	11.69617	5.180093	.0044788
#2	4.136065	2.335735	.0665324	.0012442	11.63608	5.093339	.0071465
#3	3.998732	2.345676	.0627417	.0014895	11.69840	5.091080	.0035779

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-01DLX2 Acquired: 12/21/2024 6:20:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2935871	.3941054	.0455655
Stddev	.0034065	.0021013	.0038294
%RSD	1.160294	.5331845	8.404060
#1	.2930676	.3926427	.0499575
#2	.2972234	.3965133	.0438128
#3	.2904701	.3931602	.0429261

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1753.760	21842.90	2322.947	1480.582	1798.791
Stddev	6.846	58.40	11.886	8.316	7.711
%RSD	.3903894	.2673490	.5116598	.5616779	.4286540
#1	1748.334	21895.81	2309.675	1490.154	1793.568
#2	1761.452	21852.63	2326.557	1475.135	1807.647
#3	1751.493	21780.24	2332.608	1476.457	1795.157

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV089 Acquired: 12/21/2024 6:24:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.074454	4.766342	24.81392	4.873221	4.907525	412.7488	10.31328
Stddev	.008105	.012069	.05198	.010214	.006322	1.1164	.02875
%RSD	.1597294	.2532146	.2094722	.2095857	.1288256	.2704840	.2787680
#1	5.069892	4.757917	24.76040	4.879884	4.914699	411.8162	10.28515
#2	5.069658	4.760940	24.81714	4.861463	4.902765	413.9859	10.34261
#3	5.083813	4.780168	24.86421	4.878317	4.905113	412.4444	10.31209

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5185511	2.491730	409.0086	15.53255	2.483928	15.19041	412.0668
Stddev	.0014834	.005112	.9737	.01514	.004628	.02456	1.1869
%RSD	.2860704	.2051525	.2380601	.0974928	.1863219	.1616943	.2880442
#1	.5194258	2.486464	408.1206	15.54950	2.479111	15.17038	410.9691
#2	.5193892	2.492052	410.0498	15.52778	2.484332	15.21782	413.3263
#3	.5168384	2.496673	408.8553	15.52036	2.488340	15.18305	411.9050

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.21579	407.6993	2.498692	1.302110	409.2404	2.525644	15.28425
Stddev	.03380	1.3698	.005351	.001123	1.1920	.014031	.16328
%RSD	.2221705	.3359924	.2141548	.0862589	.2912796	.5555557	1.068260
#1	15.18302	406.1231	2.492544	1.302333	407.8640	2.527967	15.20377
#2	15.25054	408.3727	2.501233	1.303104	409.9361	2.510596	15.17684
#3	15.21380	408.6021	2.502299	1.300891	409.9211	2.538368	15.47215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.7248	4.944664	5.003976	4.814344	4.947241	4.968071	4.944469
Stddev	.5214	.014546	.019376	.003033	.009148	.015068	.012543
%RSD	.3413710	.2941775	.3872098	.0629911	.1849040	.3033036	.2536756
#1	152.2155	4.929161	4.999668	4.816644	4.936951	4.966105	4.932870
#2	153.2574	4.946816	5.025143	4.815482	4.954451	4.984026	4.942757
#3	152.7015	4.958014	4.987116	4.810907	4.950322	4.954082	4.957780

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV089 Acquired: 12/21/2024 6:24:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV089 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.039623	4.884613	5.251279
Stddev	.009560	.016542	.006345
%RSD	.1897011	.3386629	.1208285
#1	5.036904	4.867719	5.245141
#2	5.050249	4.900780	5.257812
#3	5.031717	4.885339	5.250883

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1548.082	20539.86	2239.318	1301.454	1774.102
Stddev	2.901	52.66	5.186	10.245	3.906
%RSD	.1874192	.2563606	.2315740	.7872003	.2201705
#1	1547.130	20486.68	2234.514	1296.987	1778.142
#2	1545.775	20591.97	2238.622	1313.175	1770.345
#3	1551.339	20540.93	2244.816	1294.201	1773.820

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB089 Acquired: 12/21/2024 6:27:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	-.000238	-.001296	.0011967	.0018681	-.003249	.0285011
Stddev	.002339	.000793	.0006629	.0020125	.000334	.0123890
%RSD	982.6167	61.18641	55.39125	107.7307	10.29168	43.46855
#1	.000266	-.001288	.0019378	.0002769	-.003100	.0145004
#2	-.002788	-.000507	.0006602	.0011969	-.003632	.0380455
#3	.001808	-.002093	.0009922	.0041304	-.003015	.0329574

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017954	.0001464	.0001222	.0283322	.0001559	.0000802
Stddev	.0013370	.0001155	.0001136	.0496163	.0005455	.0001021
%RSD	74.46751	78.91349	92.95487	175.1233	349.8898	127.2957
#1	.0007792	.0000587	.0002462	-.004841	.0006674	.0001616
#2	.0033099	.0001032	.0000230	.004466	-.000418	-.000034
#3	.0012970	.0002773	.0000975	.085372	.000219	.000113

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019494	.0081804	.0004696	.1400377	.0002815	.0008426
Stddev	.0034020	.0254396	.0001286	.0533773	.0004006	.0000966
%RSD	174.5145	310.9817	27.37871	38.11638	142.3097	11.45794
#1	-.001796	.0247620	.0005581	.0793078	.0003993	.0008709
#2	.004848	.0208887	.0003221	.1795157	-.000165	.0007351
#3	.002796	-.021109	.0005286	.1612896	.000610	.0009218

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.136787	-.010886	.0031945	-.220760	-.002271	.0136587
Stddev	.483485	.011246	.0054478	.161264	.000219	.0017171
%RSD	42.53080	103.3053	170.5345	73.04942	9.621121	12.57153
#1	1.529478	-.001210	.0087855	-.157621	-.002511	.0121082
#2	.596781	-.008224	-.002098	-.404041	-.002220	.0155042
#3	1.284103	-.023224	.002896	-.100619	-.002083	.0133639

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB089 Acquired: 12/21/2024 6:27:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0003073	-.007120	-.002793	F -.010675	.0017533	.0003969
Stddev	.0003046	.003764	.000886	.000600	.0017750	.0000836
%RSD	99.13846	52.86331	31.73924	5.619775	101.2382	21.06310
#1	.0005072	-.003408	-.001820	-.010019	.0036307	.0004856
#2	-.000043	-.010933	-.003002	-.010812	.0015269	.0003855
#3	.000458	-.007019	-.003556	-.011196	.0001024	.0003196

Elem	Li6707
Units	ppm
Avg	F .0228426
Stddev	.0038521
%RSD	16.86389
#1	.0265244
#2	.0231632
#3	.0188402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1832.219	22699.59	2296.668	1566.822	2157.234
Stddev	1.069	181.22	10.880	10.129	2.329
%RSD	.0583355	.7983440	.4737308	.6464819	.1079845
#1	1832.092	22600.86	2292.551	1557.625	2154.751
#2	1831.219	22589.17	2309.006	1565.161	2157.579
#3	1833.346	22908.74	2288.448	1577.678	2159.371

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-02DLX2 Acquired: 12/21/2024 6:31:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0102397	.0223541	.1556991	-.015624	-.010054	15.21202	.1194266
Stddev	.0032079	.0046878	.0037530	.002409	.003596	.09792	.0015691
%RSD	31.32798	20.97052	2.410443	15.41579	35.76478	.6437202	1.313841
#1	.0073385	.0169941	.1583295	-.014135	-.008285	15.12615	.1179291
#2	.0096958	.0243799	.1514012	-.014335	-.007686	15.31866	.1210586
#3	.0136848	.0256883	.1573665	-.018403	-.014192	15.19125	.1192922

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017236	.0026915	683.3711	.0438236	.0559924	.0399242	46.68740
Stddev	.0003076	.0001561	3.4251	.0009520	.0002582	.0048000	.30250
%RSD	17.84801	5.799992	.5012115	2.172324	.4612020	12.02276	.6479354
#1	.0018678	.0027753	680.0162	.0444606	.0558920	.0359113	46.36347
#2	.0019327	.0027877	686.8624	.0442809	.0557994	.0386198	46.73620
#3	.0013704	.0025113	683.2346	.0427292	.0562857	.0452416	46.96254

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.177197	319.0098	.0402644	.0052600	1.111956	.0396989	.4896091
Stddev	.029576	1.8092	.0009614	.0005934	.925443	.0036687	.0123207
%RSD	.7080340	.5671155	2.387796	11.28112	83.22664	9.241363	2.516426
#1	4.146677	316.9583	.0410491	.0055712	1.329670	.0358073	.4761037
#2	4.205729	320.3770	.0405522	.0056330	.097065	.0430943	.4924886
#3	4.179184	319.6941	.0391920	.0045757	1.909131	.0401951	.5002349

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.810310	2.286583	.0665425	.0009339	11.42355	4.951444	.0047572
Stddev	.066440	.013061	.0011436	.0008232	.03651	.050661	.0014994
%RSD	1.743687	.5712153	1.718598	88.13936	.3195949	1.023158	31.51775
#1	3.808485	2.284404	.0674406	.0011325	11.42537	4.905638	.0052835
#2	3.877644	2.274748	.0669319	.0016397	11.38616	5.005858	.0059225
#3	3.744802	2.300597	.0652551	.0000297	11.45911	4.942838	.0030657

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-02DLX2 Acquired: 12/21/2024 6:31:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2880606	.3833706	.0538062
Stddev	.0038048	.0020155	.0018329
%RSD	1.320829	.5257335	3.406463
#1	.2850668	.3816628	.0526077
#2	.2867728	.3855938	.0528949
#3	.2923421	.3828553	.0559162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1752.857	21857.60	2343.210	1485.853	1799.668
Stddev	3.980	126.44	12.452	4.333	1.988
%RSD	.2270700	.5784854	.5314030	.2915841	.1104590
#1	1752.946	21754.35	2356.559	1482.507	1797.733
#2	1748.834	21998.62	2331.909	1490.747	1799.565
#3	1756.792	21819.82	2341.162	1484.306	1801.705

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-01LDLX10 Acquired: 12/21/2024 6:35:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007574	.0209414	.0389239	-.017496	-.013531	3.096077	.0255669
Stddev	.0031482	.0028108	.0003725	.002745	.001911	.018395	.0018259
%RSD	415.6589	13.42215	.9569004	15.68884	14.12646	.5941473	7.141721
#1	.0041161	.0212777	.0393468	-.016200	-.015301	3.113435	.0269271
#2	.0002823	.0179776	.0387804	-.020649	-.011504	3.076796	.0234916
#3	-.002126	.0235689	.0386446	-.015639	-.013788	3.097999	.0262819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004800	.0005923	143.3411	.0090764	.0312911	.0072756	9.914848
Stddev	.0001299	.0000303	.1388	.0001268	.0005369	.0109539	.016755
%RSD	27.06269	5.106069	.0968320	1.396798	1.715877	150.5573	.1689867
#1	.0004364	.0006251	143.4764	.0089300	.0315796	-.005001	9.923870
#2	.0003775	.0005866	143.1991	.0091470	.0306717	.010777	9.895515
#3	.0006261	.0005654	143.3479	.0091520	.0316222	.016051	9.925158

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8909095	67.25380	.0051413	.0000475	.7043677	.0074853	.0965856
Stddev	.0033404	.19886	.0007549	.0003521	.2992250	.0071941	.0098095
%RSD	.3749422	.2956877	14.68300	741.3123	42.48136	96.10936	10.15624
#1	.8897095	67.18832	.0058595	.0001328	.5927122	.0010996	.0856483
#2	.8883349	67.09594	.0043544	.0003491	1.043366	.0152795	.1046054
#3	.8946841	67.47715	.0052100	-.000339	.477025	.0060769	.0995029

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3620592	.4248539	.0161381	.0019410	2.141958	1.050912	-.007792
Stddev	.0964293	.0015987	.0019212	.0003240	.007887	.005024	.000426
%RSD	26.63356	.3762823	11.90471	16.69288	.3682064	.4780999	5.462220
#1	.4732026	.4233299	.0173013	.0020863	2.150097	1.054372	-.007303
#2	.3123156	.4247138	.0171923	.0015698	2.134350	1.053215	-.008078
#3	.3006595	.4265180	.0139206	.0021669	2.141427	1.045149	-.007995

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-01LDLX10 Acquired: 12/21/2024 6:35:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0593733	.0788500	.0209798
Stddev	.0029471	.0000379	.0051378
%RSD	4.963661	.0480426	24.48922
#1	.0588440	.0788163	.0161741
#2	.0625491	.0788910	.0203700
#3	.0567267	.0788426	.0263952

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.007	22638.06	2332.913	1553.443	2052.924
Stddev	4.628	34.07	9.374	7.141	4.059
%RSD	.2523197	.1505073	.4018178	.4596956	.1977210
#1	1833.762	22614.56	2331.605	1545.246	2054.288
#2	1838.751	22622.48	2324.262	1556.766	2056.126
#3	1829.506	22677.13	2342.872	1558.317	2048.359

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-03DLX2 Acquired: 12/21/2024 6:39:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0604519	.0663320	.1821959	.0684169	.0753168	17.22419	2.083017
Stddev	.0020116	.0048225	.0008777	.0039603	.0005611	.11649	.013766
%RSD	3.327597	7.270308	.4817604	5.788546	.7450178	.6763331	.6608468
#1	.0622999	.0650703	.1815499	.0639977	.0759620	17.11872	2.070838
#2	.0583092	.0716599	.1818424	.0716450	.0749425	17.34923	2.097952
#3	.0607468	.0622657	.1831952	.0696081	.0750459	17.20462	2.080263

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0494931	.0526083	691.3994	.2433793	.5442836	.2660572	48.19750
Stddev	.0001863	.0001637	3.6167	.0009575	.0011771	.0129938	.38079
%RSD	.3763196	.3112488	.5231038	.3934285	.2162664	4.883824	.7900663
#1	.0492880	.0526247	687.2248	.2444658	.5435745	.2511619	47.79465
#2	.0495397	.0524370	693.5900	.2426585	.5436339	.2750656	48.55153
#3	.0496517	.0527633	693.3833	.2430137	.5456423	.2719442	48.24631

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.693923	321.8859	.5390344	.0413680	1.714216	.5218833	.9490958
Stddev	.026457	2.4394	.0012352	.0006515	.335046	.0072551	.0108465
%RSD	.5636342	.7578350	.2291469	1.574883	19.54513	1.390178	1.142825
#1	4.665809	319.2217	.5376090	.0410119	1.331018	.5138765	.9495400
#2	4.718332	324.0099	.5397043	.0409721	1.859711	.5280210	.9597135
#3	4.697629	322.4261	.5397898	.0421199	1.951917	.5237524	.9380341

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.718262	2.326532	.0673224	.0012939	11.58521	5.015672	.0054408
Stddev	.100699	.002266	.0017491	.0005947	.01414	.024557	.0015745
%RSD	2.708216	.0973905	2.598057	45.96280	.1220381	.4896018	28.93879
#1	3.833356	2.323924	.0690827	.0010095	11.57267	5.044026	.0069651
#2	3.675045	2.327658	.0672996	.0008948	11.58242	5.001783	.0038205
#3	3.646386	2.328014	.0655848	.0019774	11.60053	5.001207	.0055370

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-03DLX2 Acquired: 12/21/2024 6:39:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2829546	.3865218	.0500383
Stddev	.0040561	.0027752	.0002158
%RSD	1.433492	.7180065	.4312367
#1	.2813958	.3842280	.0499641
#2	.2875589	.3896067	.0498693
#3	.2799092	.3857306	.0502813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1737.750	21741.75	2328.403	1477.719	1787.447
Stddev	4.065	76.94	11.285	7.273	3.260
%RSD	.2339393	.3538621	.4846610	.4921666	.1824047
#1	1735.139	21671.30	2319.008	1469.680	1787.029
#2	1735.679	21730.11	2325.281	1479.636	1784.416
#3	1742.434	21823.85	2340.920	1483.841	1790.896

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-04DLX2 Acquired: 12/21/2024 6:43:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0147443	.0195773	.1733613	-.017772	-.010504	14.29182	.1289579
Stddev	.0038250	.0021530	.0006747	.002244	.001875	.09682	.0009024
%RSD	25.94241	10.99763	.3891803	12.62696	17.85308	.6774746	.6997928
#1	.0116351	.0194538	.1737655	-.019890	-.008974	14.19199	.1299694
#2	.0135821	.0174886	.1725824	-.015420	-.012596	14.38532	.1282353
#3	.0190156	.0217893	.1737359	-.018007	-.009943	14.29814	.1286691

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016576	.0024972	678.1572	.0574680	.0545224	.0330246	45.00410
Stddev	.0000573	.0000771	2.6269	.0005278	.0003943	.0039335	.22445
%RSD	3.457970	3.088010	.3873515	.9184537	.7232075	11.91085	.4987253
#1	.0017183	.0024249	675.6421	.0572136	.0542819	.0299362	44.89124
#2	.0016504	.0025784	680.8831	.0571156	.0543078	.0374530	45.26258
#3	.0016043	.0024884	677.9463	.0580748	.0549774	.0316846	44.85849

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.718864	332.6758	.0416691	.0040050	1.095639	.0507267	.4697385
Stddev	.013607	1.5287	.0005858	.0008815	.423286	.0123543	.0012346
%RSD	.3658987	.4595056	1.405897	22.00912	38.63370	24.35456	.2628253
#1	3.703319	331.6418	.0419466	.0030828	1.195665	.0598271	.4703211
#2	3.728619	334.4317	.0420646	.0040932	1.459954	.0366626	.4683204
#3	3.724653	331.9539	.0409961	.0048391	.631299	.0556905	.4705739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.912404	1.956881	.0570980	.0016428	10.83610	4.803063	.0055253
Stddev	.255481	.008431	.0017999	.0007437	.03638	.011706	.0020836
%RSD	8.772180	.4308159	3.152366	45.27143	.3357250	.2437290	37.71044
#1	2.865044	1.960795	.0577825	.0024363	10.87118	4.816524	.0069926
#2	3.188252	1.947205	.0550562	.0009616	10.79855	4.795267	.0064430
#3	2.683917	1.962643	.0584553	.0015306	10.83858	4.797396	.0031404

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-04DLX2 Acquired: 12/21/2024 6:43:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ50 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3771867	.3296046	.0367865
Stddev	.0051295	.0013597	.0036858
%RSD	1.359948	.4125212	10.01939
#1	.3721618	.3284891	.0397889
#2	.3824148	.3311192	.0378976
#3	.3769835	.3292055	.0326730

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.830	21760.33	2326.101	1483.238	1802.024
Stddev	3.370	15.72	5.506	1.006	2.761
%RSD	.1931206	.0722311	.2367125	.0678359	.1532213
#1	1748.637	21759.50	2322.295	1482.093	1805.212
#2	1742.231	21745.04	2332.414	1483.639	1800.476
#3	1743.621	21776.44	2323.593	1483.981	1800.385

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-05DLX2 Acquired: 12/21/2024 6:47:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132299	.0282384	.2018211	-.015668	-.014398	8.305742
Stddev	.0006003	.0010878	.0004984	.001466	.001278	.052937
%RSD	4.537627	3.852220	.2469497	9.357134	8.879308	.6373525
#1	.0126258	.0275758	.2013399	-.014217	-.015848	8.255395
#2	.0138264	.0294939	.2023351	-.015638	-.013912	8.300896
#3	.0132375	.0276456	.2017883	-.017148	-.013434	8.360936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0674160	.0013660	.0074642	F 1034.827	.0252889	.0555207
Stddev	.0011234	.0000080	.0000322	5.635	.0003558	.0004497
%RSD	1.666358	.5853181	.4309083	.5445764	1.406830	.8100216
#1	.0678242	.0013584	.0074664	1030.314	.0249848	.0559957
#2	.0661455	.0013743	.0074953	1033.024	.0252017	.0554652
#3	.0682781	.0013652	.0074311	1041.143	.0256801	.0551014

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0203269	45.12224	4.996844	575.7113	.0325619	.0049520
Stddev	.0098502	.07173	.024624	2.9817	.0015490	.0011521
%RSD	48.45891	.1589626	.4927814	.5179225	4.757169	23.26590
#1	.0119945	45.13639	4.982466	574.7220	.0336040	.0059878
#2	.0177883	45.04449	4.982790	573.3500	.0307818	.0051572
#3	.0311979	45.18584	5.025276	579.0620	.0332997	.0037111

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.031515	.0182935	1.377237	3.259704	.7090387	.0698217
Stddev	.724212	.0031186	.027892	.173067	.0007877	.0032400
%RSD	70.20861	17.04785	2.025198	5.309287	.1110946	4.640331
#1	.374051	.0160734	1.397118	3.237373	.7082624	.0696988
#2	1.807784	.0169480	1.345353	3.098886	.7090162	.0666450
#3	.912709	.0218590	1.389240	3.442852	.7098374	.0731214

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-05DLX2 Acquired: 12/21/2024 6:47:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ51 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004560	10.78971	4.370511	.0031882	.0683211	.2988066
Stddev	.0006107	.01213	.012224	.0010088	.0011777	.0020038
%RSD	133.9333	.1124222	.2796970	31.64159	1.723814	.6705943
#1	-.000214	10.78239	4.356433	.0020404	.0680380	.2982443
#2	.000602	10.78304	4.378444	.0039343	.0673108	.2971439
#3	.000981	10.80372	4.376655	.0035899	.0696146	.3010314

Elem	Li6707
Units	ppm
Avg	.0394656
Stddev	.0009382
%RSD	2.377393
#1	.0394630
#2	.0385287
#3	.0404052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.921	20886.26	2260.272	1418.628	1715.393
Stddev	3.674	21.40	7.081	7.783	2.627
%RSD	.2188343	.1024451	.3132860	.5486358	.1531676
#1	1676.258	20910.95	2268.432	1409.767	1712.736
#2	1683.112	20874.71	2255.744	1421.763	1717.990
#3	1677.392	20873.13	2256.639	1424.355	1715.453

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-06DLX2 Acquired: 12/21/2024 6:51:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0085615	.0329356	.1776220	-.018393	-.016163	6.437187
Stddev	.0044514	.0024905	.0009192	.004472	.001118	.056741
%RSD	51.99363	7.561813	.5175217	24.31614	6.916138	.8814499
#1	.0082203	.0325155	.1785189	-.014779	-.015580	6.449329
#2	.0131737	.0306818	.1766820	-.017005	-.017451	6.486873
#3	.0042905	.0356094	.1776650	-.023395	-.015457	6.375358

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0782959	.0011764	.0052590	F 1013.449	.0180306	.0562276
Stddev	.0010937	.0001246	.0001103	7.306	.0004506	.0007006
%RSD	1.396846	10.59118	2.096762	.7209153	2.499371	1.246024
#1	.0788521	.0010452	.0051605	1015.674	.0184857	.0566615
#2	.0770359	.0012931	.0052384	1019.384	.0180216	.0554193
#3	.0789997	.0011911	.0053781	1005.289	.0175845	.0566019

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0163783	42.94685	5.864389	559.7460	.0287423	.0046914
Stddev	.0109872	.24346	.040746	3.0548	.0003492	.0017054
%RSD	67.08374	.5668886	.6948014	.5457553	1.214816	36.35157
#1	.0259393	43.19262	5.877560	560.9797	.0288043	.0048724
#2	.0188200	42.94216	5.896921	561.9910	.0290563	.0062992
#3	.0043757	42.70576	5.818687	556.2672	.0283663	.0029028

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6552361	.0173809	.9091522	2.814841	.6257730	.0640486
Stddev	.9527862	.0091387	.0187004	.072154	.0105288	.0017196
%RSD	145.4111	52.57910	2.056905	2.563352	1.682526	2.684864
#1	-.442259	.0279324	.8881594	2.885319	.6370957	.0655383
#2	1.137431	.0119735	.9240281	2.818084	.6162771	.0621668
#3	1.270537	.0122370	.9152693	2.741120	.6239464	.0644408

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-06DLX2 Acquired: 12/21/2024 6:51:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ52 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000215	10.33574	3.418995	.0076194	.0372849	.2928712
Stddev	.000558	.04440	.055820	.0012871	.0018928	.0018736
%RSD	259.8283	.4295672	1.632637	16.89237	5.076533	.6397472
#1	.000427	10.35785	3.470541	.0090567	.0364068	.2933505
#2	-.000581	10.28463	3.426734	.0065734	.0394573	.2944586
#3	-.000490	10.36474	3.359709	.0072280	.0359907	.2908044

Elem	Li6707
Units	ppm
Avg	.0388993
Stddev	.0061243
%RSD	15.74412
#1	.0319006
#2	.0415201
#3	.0432771

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1669.320	20989.04	2294.492	1425.330	1708.639
Stddev	9.693	110.52	25.676	8.706	8.512
%RSD	.5806584	.5265679	1.119037	.6108283	.4981591
#1	1658.969	21111.60	2273.028	1434.651	1700.691
#2	1678.183	20958.61	2287.511	1417.408	1717.620
#3	1670.807	20896.93	2322.937	1423.930	1707.605

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-07DLX2 Acquired: 12/21/2024 6:55:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0066069	.0306800	.1801381	-.018989	-.017018	5.836838
Stddev	.0044304	.0025003	.0025460	.004628	.003457	.063707
%RSD	67.05710	8.149510	1.413337	24.37056	20.31718	1.091464
#1	.0048652	.0309860	.1788521	-.022596	-.020392	5.763288
#2	.0116434	.0330131	.1784916	-.013771	-.013483	5.874761
#3	.0033120	.0280408	.1830705	-.020602	-.017177	5.872466

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0459625	.0010382	.0026319	F 997.3099	.0172453	.0552853
Stddev	.0013626	.0001875	.0000913	3.8320	.0001763	.0002647
%RSD	2.964505	18.05785	3.468269	.3842331	1.022013	.4787837
#1	.0446149	.0010180	.0026066	993.1836	.0173396	.0555877
#2	.0459328	.0012350	.0027331	997.9894	.0170420	.0550959
#3	.0473396	.0008617	.0025558	1000.757	.0173544	.0551722

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120589	41.84818	7.221205	556.9677	.0246463	.0044424
Stddev	.0060641	.16297	.030957	2.5363	.0002870	.0018571
%RSD	50.28691	.3894346	.4287000	.4553797	1.164609	41.80420
#1	.0145120	41.66381	7.188496	554.2632	.0249194	.0050615
#2	.0165122	41.90771	7.225072	557.3469	.0246725	.0059109
#3	.0051526	41.97302	7.250048	559.2931	.0243471	.0023548

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.402001	.0119183	.4493138	2.676737	.5861454	.0583109
Stddev	.397264	.0058573	.0118032	.077856	.0020428	.0041375
%RSD	28.33548	49.14548	2.626935	2.908628	.3485146	7.095648
#1	1.850939	.0186695	.4367088	2.592761	.5837875	.0539480
#2	1.259138	.0081918	.4601053	2.746521	.5872674	.0621784
#3	1.095927	.0088935	.4511272	2.690928	.5873812	.0588063

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-07DLX2 Acquired: 12/21/2024 6:55:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ53 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000217	9.094037	3.441887	.0021021	.0235999	.2685086
Stddev	.000352	.019113	.007528	.0025112	.0029907	.0021093
%RSD	162.3513	.2101733	.2187114	119.4616	12.67251	.7855570
#1	-.000106	9.111889	3.444180	.0049734	.0219221	.2662245
#2	.000067	9.073873	3.433480	.0010167	.0270528	.2689185
#3	-.000611	9.096350	3.448002	.0003161	.0218249	.2703829

Elem	Li6707
Units	ppm
Avg	.0319359
Stddev	.0036036
%RSD	11.28380
#1	.0278962
#2	.0348196
#3	.0330918

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1678.296	20910.47	2274.072	1417.052	1721.208
Stddev	6.717	45.86	3.540	4.106	9.125
%RSD	.4002535	.2193082	.1556782	.2897380	.5301540
#1	1670.571	20960.01	2269.994	1421.513	1710.685
#2	1681.559	20901.88	2275.865	1416.209	1726.927
#3	1682.759	20869.51	2276.356	1413.433	1726.013

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-08DLX2 Acquired: 12/21/2024 6:58:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0283447	.0197236	.3217429	-.014712	-.012181	33.01978	.2253453
Stddev	.0007286	.0019842	.0006345	.000819	.001939	.13643	.0011324
%RSD	2.570627	10.05999	.1972133	5.565903	15.91405	.4131815	.5025272
#1	.0291395	.0198467	.3224282	-.015446	-.012939	33.17652	.2260572
#2	.0281863	.0216434	.3211758	-.014860	-.013626	32.92767	.2240395
#3	.0277083	.0176807	.3216246	-.013829	-.009978	32.95516	.2259392

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025229	.0023726	665.4189	.0302275	.0574702	.0236571	49.55931
Stddev	.0002327	.0001396	2.7758	.0005420	.0003382	.0027649	.17881
%RSD	9.221740	5.882616	.4171499	1.793216	.5885033	11.68745	.3607905
#1	.0022991	.0022370	668.5824	.0301255	.0578579	.0219668	49.71967
#2	.0025061	.0025159	664.2837	.0297437	.0573175	.0221568	49.36650
#3	.0027635	.0023650	663.3906	.0308133	.0572353	.0268479	49.59175

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.986083	363.8477	.0385117	.0038138	5.071793	.0516803	.5164454
Stddev	.015710	1.1648	.0005922	.0002920	.518461	.0005852	.0069036
%RSD	.3941090	.3201389	1.537604	7.655500	10.22245	1.132424	1.336761
#1	4.000066	364.7825	.0384058	.0040213	4.554635	.0521339	.5234181
#2	3.969084	362.5428	.0379797	.0034800	5.591548	.0510197	.5163051
#3	3.989101	364.2179	.0391497	.0039402	5.069196	.0518873	.5096130

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.946403	1.585009	.0590536	.0008525	6.458866	5.260887	.0114964
Stddev	.171468	.005678	.0014864	.0005581	.023437	.041868	.0012826
%RSD	5.819567	.3582321	2.516964	65.46347	.3628631	.7958364	11.15677
#1	2.902199	1.586423	.0606873	.0014629	6.479158	5.307890	.0118480
#2	2.801365	1.578757	.0586923	.0007264	6.433213	5.227588	.0100747
#3	3.135645	1.589846	.0577812	.0003683	6.464227	5.247183	.0125666

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-08DLX2 Acquired: 12/21/2024 6:58:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ54 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4342207	.2563302	.0343096
Stddev	.0028554	.0014127	.0029665
%RSD	.6575944	.5511062	8.646278
#1	.4372489	.2564011	.0334811
#2	.4338362	.2548835	.0376023
#3	.4315771	.2577061	.0318455

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1745.730	21735.97	2332.269	1482.916	1783.696
Stddev	3.307	60.55	19.110	7.306	.674
%RSD	.1894337	.2785480	.8193933	.4926545	.0377700
#1	1743.194	21668.38	2311.010	1474.585	1782.943
#2	1744.524	21785.24	2348.023	1485.934	1783.906
#3	1749.470	21754.31	2337.773	1488.230	1784.241

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-09DLX2 Acquired: 12/21/2024 7:02:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0240758	.0180201	.2744612	-.007496	-.004181	19.10152	.1903346
Stddev	.0031618	.0018399	.0024483	.002741	.001895	.08010	.0017705
%RSD	13.13250	10.21012	.8920437	36.57031	45.31482	.4193549	.9301962
#1	.0217938	.0169198	.2748479	-.010471	-.003842	19.01615	.1888950
#2	.0276848	.0201442	.2718426	-.006946	-.002478	19.11339	.1897973
#3	.0227488	.0169964	.2766932	-.005071	-.006222	19.17503	.1923115

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0027080	.0025023	652.2617	.0320924	.0656800	.0659004	55.51383
Stddev	.0001162	.0001037	3.4523	.0004843	.0009881	.0073201	.29799
%RSD	4.290842	4.145331	.5292839	1.509144	1.504402	11.10787	.5367916
#1	.0028288	.0024258	648.8423	.0315360	.0645915	.0737907	55.23347
#2	.0026980	.0026204	655.7460	.0323216	.0659283	.0645805	55.48125
#3	.0025971	.0024607	652.1967	.0324195	.0665203	.0593301	55.82678

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.942698	215.5760	.0591387	.0047196	1.529615	.0434336	.5216924
Stddev	.029085	1.0268	.0011572	.0010268	.929367	.0076490	.0099656
%RSD	.7376893	.4763201	1.956752	21.75610	60.75825	17.61073	1.910249
#1	3.909850	214.3909	.0591308	.0038075	.673000	.0421046	.5130214
#2	3.953065	216.1350	.0602998	.0045195	2.517728	.0516600	.5325795
#3	3.965179	216.2020	.0579855	.0058316	1.398118	.0365362	.5194764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.992409	2.141507	.0627103	.0010230	4.891806	5.064998	.0361884
Stddev	.108204	.003568	.0024098	.0001407	.014999	.017988	.0013089
%RSD	2.710247	.1666055	3.842743	13.75130	.3066093	.3551431	3.617026
#1	3.879372	2.139407	.0600175	.0008776	4.877613	5.083254	.0350403
#2	4.002830	2.145626	.0646639	.0011584	4.890308	5.064449	.0376137
#3	4.095026	2.139486	.0634496	.0010329	4.907498	5.047291	.0359110

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4978-09DLX2 Acquired: 12/21/2024 7:02:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ55 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3090504	.3183209	.0495904
Stddev	.0055307	.0011272	.0046642
%RSD	1.789592	.3541172	9.405498
#1	.3096932	.3173893	.0442616
#2	.3032263	.3179995	.0529317
#3	.3142316	.3195739	.0515778

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1780.496	22180.56	2373.891	1509.498	1813.435
Stddev	6.356	73.74	5.590	6.706	5.760
%RSD	.3569552	.3324474	.2354832	.4442310	.3176352
#1	1787.608	22254.06	2370.686	1517.026	1819.928
#2	1775.373	22181.04	2380.346	1507.303	1808.940
#3	1778.506	22106.59	2370.642	1504.165	1811.438

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-03DLX2 Acquired: 12/21/2024 7:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394327	-.009127	.1689799	.0470021	.0117435	43.30420	.5884187
Stddev	.0034628	.002272	.0017550	.0051172	.0031700	.05335	.0004663
%RSD	8.781555	24.89459	1.038585	10.88717	26.99344	.1231965	.0792520
#1	.0379591	-.006504	.1706622	.0514866	.0146157	43.36378	.5885409
#2	.0369505	-.010392	.1671603	.0414278	.0083423	43.26086	.5888117
#3	.0433886	-.010485	.1691173	.0480920	.0122724	43.28795	.5879034

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034400	.0035308	42.00048	.0460018	.0759549	.0747223	94.18346
Stddev	.0000420	.0000927	.09916	.0009926	.0001989	.0027511	.30055
%RSD	1.219608	2.624456	.2361027	2.157786	.2618278	3.681816	.3191148
#1	.0034437	.0034243	42.09315	.0449683	.0758745	.0763153	94.37398
#2	.0033963	.0035749	41.89590	.0460894	.0761814	.0715456	93.83699
#3	.0034799	.0035931	42.01238	.0469478	.0758089	.0763061	94.33941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.21371	10.36334	.0777429	.0087068	1.054534	.0888162	.1694776
Stddev	.03344	.13634	.0006090	.0011970	.425054	.0066285	.0128891
%RSD	.1836073	1.315630	.7833321	13.74743	40.30728	7.463211	7.605184
#1	18.23551	10.45768	.0776629	.0088238	.565220	.0892913	.1552722
#2	18.17521	10.42533	.0783880	.0074557	1.266029	.0951944	.1727355
#3	18.23041	10.20702	.0771779	.0098410	1.332353	.0819629	.1804251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8522768	3.051351	.0266510	.0012320	1.038503	5.065589	.0001876
Stddev	.0727248	.004989	.0008621	.0003912	.000822	.019004	.0013628
%RSD	8.533008	.1634970	3.234611	31.75667	.0791179	.3751573	726.2943
#1	.7699862	3.045685	.0259162	.0013621	1.038316	5.082468	-.001237
#2	.9079168	3.053286	.0276000	.0007922	1.039402	5.045005	.001479
#3	.8789276	3.055083	.0264370	.0015415	1.037791	5.069293	.000321

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-03DLX2 Acquired: 12/21/2024 7:06:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5335806	-.004586	.0312597
Stddev	.0011387	.000238	.0019832
%RSD	.2134132	5.180872	6.344158
#1	.5347813	-.004650	.0323990
#2	.5334442	-.004323	.0289698
#3	.5325161	-.004784	.0324105

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2203.239	27215.11	2762.125	1870.907	2100.489
Stddev	7.105	130.23	16.689	16.666	6.598
%RSD	.3224752	.4785054	.6042087	.8907779	.3140991
#1	2198.392	27140.46	2744.732	1860.400	2097.057
#2	2211.395	27139.39	2763.637	1862.199	2108.095
#3	2199.930	27365.48	2778.007	1890.123	2096.315

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-04DLX2 Acquired: 12/21/2024 7:10:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0368171	-.007886	.1691022	.0502579	.0109479	42.80857	.5839909
Stddev	.0037122	.005373	.0011252	.0016133	.0029496	.22659	.0041013
%RSD	10.08289	68.13130	.6654055	3.210137	26.94247	.5293073	.7022841
#1	.0386451	-.009986	.1702440	.0489299	.0102430	42.57340	.5793588
#2	.0392608	-.001780	.1679944	.0497903	.0084146	42.82684	.5854536
#3	.0325453	-.011891	.1690682	.0520533	.0141861	43.02547	.5871603

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034425	.0036008	41.71045	.0458904	.0758011	.0669937	93.09830
Stddev	.0000899	.0001122	.14766	.0002373	.0005064	.0052523	.44359
%RSD	2.611901	3.116833	.3540133	.5171031	.6680148	7.839966	.4764767
#1	.0035401	.0035440	41.59138	.0457161	.0755352	.0719299	92.59409
#2	.0034242	.0035282	41.66430	.0457945	.0754831	.0675772	93.27230
#3	.0033630	.0037300	41.87568	.0461607	.0763850	.0614740	93.42852

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.02066	10.12375	.0765213	.0098937	1.433598	.0844460	.1747262
Stddev	.10024	.10969	.0005867	.0005124	.659390	.0053863	.0090654
%RSD	.5562736	1.083513	.7667437	5.179148	45.99546	6.378366	5.188361
#1	17.91706	10.09387	.0765663	.0095400	2.190636	.0800201	.1642843
#2	18.02775	10.03210	.0770842	.0096598	.984613	.0904432	.1805861
#3	18.11717	10.24529	.0759134	.0104813	1.125546	.0828747	.1793080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8940555	3.021520	.0252224	.0014431	1.025583	5.017630	-.000031
Stddev	.0721492	.005366	.0028234	.0000355	.004093	.043128	.001524
%RSD	8.069876	.1775808	11.19394	2.463499	.3990644	.8595362	4882.131
#1	.8113817	3.027714	.0220603	.0014401	1.021575	5.044553	-.001746
#2	.9442964	3.018568	.0274907	.0014800	1.025419	4.967886	.000482
#3	.9264885	3.018279	.0261162	.0014091	1.029756	5.040451	.001170

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-04DLX2 Acquired: 12/21/2024 7:10:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5323939	-.004677	.0265393
Stddev	.0029509	.000153	.0037406
%RSD	.5542775	3.272169	14.09465
#1	.5307673	-.004822	.0272422
#2	.5306142	-.004693	.0298786
#3	.5358002	-.004517	.0224971

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2189.081	26949.19	2746.208	1857.088	2084.315
Stddev	2.588	77.63	14.051	5.808	1.349
%RSD	.1182113	.2880633	.5116468	.3127546	.0647428
#1	2190.334	26984.05	2734.218	1862.717	2085.823
#2	2186.105	26860.24	2761.669	1851.116	2083.220
#3	2190.802	27003.27	2742.736	1857.432	2083.903

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-03LDLX10 Acquired: 12/21/2024 7:14:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080811	-.003175	.0326903	.0107838	-.000077	10.30761	.1403011
Stddev	.0050036	.001745	.0021221	.0008728	.001128	.01524	.0023315
%RSD	61.91764	54.94559	6.491443	8.093337	1458.991	.1478877	1.661762
#1	.0135470	-.001233	.0346753	.0100008	.000922	10.29573	.1417905
#2	.0037268	-.003685	.0304536	.0117248	.000146	10.32480	.1376143
#3	.0069694	-.004609	.0329419	.0106259	-.001300	10.30231	.1414986

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009447	.0007241	10.13502	.0104606	.0176411	.0180564	22.49111
Stddev	.0000048	.0000715	.07860	.0003566	.0006186	.0091285	.22295
%RSD	.5058327	9.867482	.7755112	3.409317	3.506523	50.55523	.9912977
#1	.0009428	.0006791	10.17257	.0100805	.0183261	.0078792	22.71729
#2	.0009412	.0008065	10.04469	.0107879	.0171232	.0207686	22.27153
#3	.0009501	.0006866	10.18780	.0105135	.0174740	.0255214	22.48452

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.380039	2.476066	.0155736	.0029103	.4507825	.0191311	.0416937
Stddev	.016160	.062810	.0007062	.0003005	.5252165	.0076403	.0081210
%RSD	.3689351	2.536679	4.534634	10.32527	116.5122	39.93642	19.47785
#1	4.397353	2.412339	.0162436	.0025644	.5284108	.0103276	.0475747
#2	4.365357	2.537917	.0148361	.0031069	.9328645	.0230357	.0450786
#3	4.377408	2.477941	.0156411	.0030596	-.108928	.0240301	.0324277

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.282225	.6145280	.0053853	.0000355	.2015894	1.243976	-.009316
Stddev	.214651	.0120287	.0019582	.0004675	.0064471	.011128	.000493
%RSD	76.05671	1.957381	36.36113	1317.977	3.198154	.8945732	5.287738
#1	-.503053	.6269632	.0075855	.0004846	.2081955	1.256788	-.008806
#2	-.269287	.6029520	.0047370	-.000448	.1953140	1.238422	-.009352
#3	-.074336	.6136689	.0038335	.000070	.2012587	1.236718	-.009790

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-03LDLX10 Acquired: 12/21/2024 7:14:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1273973	-.001016	.0083691
Stddev	.0032171	.000215	.0064361
%RSD	2.525216	21.19920	76.90313
#1	.1262144	-.001262	.0009373
#2	.1249393	-.000918	.0120990
#3	.1310384	-.000866	.0120710

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1963.909	23775.28	2388.977	1636.756	2201.395
Stddev	36.397	5.84	24.327	5.298	43.477
%RSD	1.853307	.0245729	1.018305	.3236689	1.974963
#1	1924.290	23769.70	2366.898	1635.940	2153.269
#2	1995.864	23774.80	2384.977	1631.914	2237.833
#3	1971.574	23781.35	2415.056	1642.415	2213.083

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-05DLX2 Acquired: 12/21/2024 7:18:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0799481	.0342321	.1899161	.1151269	.0791211	44.80256	2.264113
Stddev	.0016696	.0012955	.0014653	.0014211	.0014755	.15627	.012639
%RSD	2.088325	3.784617	.7715708	1.234377	1.864852	.3488045	.5582482
#1	.0818739	.0340855	.1882407	.1138180	.0797126	44.62282	2.249817
#2	.0790621	.0330161	.1905484	.1166385	.0774416	44.87860	2.273803
#3	.0789083	.0355947	.1909591	.1149241	.0802091	44.90626	2.268720

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0452747	.0515474	42.12503	.2216881	.5540354	.2707735	94.78674
Stddev	.0005046	.0001996	.10788	.0008388	.0007191	.0042519	.44760
%RSD	1.114509	.3871826	.2560976	.3783720	.1297949	1.570286	.4722188
#1	.0457823	.0513946	42.02227	.2226345	.5543692	.2710793	94.27174
#2	.0447732	.0514743	42.11543	.2210366	.5532100	.2663770	95.08205
#3	.0452687	.0517732	42.23739	.2213930	.5545269	.2748643	95.00643

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.58838	10.26222	.5682876	.0391987	.8436307	.5072118	.5393607
Stddev	.08809	.09506	.0007182	.0006416	.5170060	.0056299	.0128291
%RSD	.4739007	.9262821	.1263759	1.636751	61.28345	1.109969	2.378570
#1	18.48719	10.22978	.5687171	.0384680	.3168351	.5009180	.5258832
#2	18.64797	10.18763	.5686871	.0396697	1.350257	.5117683	.5514242
#3	18.62997	10.36925	.5674585	.0394584	.863800	.5089491	.5407747

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9348771	3.064987	.0240581	.0012224	1.039466	5.088545	.0004634
Stddev	.1332751	.016577	.0025859	.0004652	.006571	.012950	.0008562
%RSD	14.25590	.5408472	10.74849	38.05842	.6321866	.2544934	184.7784
#1	.9568809	3.069717	.0212712	.0016165	1.037601	5.098978	-.000502
#2	1.055781	3.046559	.0245233	.0013415	1.034029	5.074051	.001130
#3	.791969	3.078684	.0263798	.0007092	1.046768	5.092605	.000763

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-05DLX2 Acquired: 12/21/2024 7:18:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5323969	-.005721	.0285343
Stddev	.0032979	.000208	.0021673
%RSD	.6194468	3.633354	7.595549
#1	.5315165	-.005923	.0291717
#2	.5360457	-.005508	.0261197
#3	.5296286	-.005733	.0303114

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2194.685	27138.05	2761.658	1869.148	2089.444
Stddev	7.419	80.24	.342	6.457	8.497
%RSD	.3380389	.2956660	.0123994	.3454510	.4066562
#1	2186.364	27189.54	2762.049	1876.574	2079.815
#2	2197.081	27045.59	2761.513	1866.009	2095.890
#3	2200.609	27179.01	2761.412	1864.860	2092.627

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-06DLX2 Acquired: 12/21/2024 7:22:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ69 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0360271	.0095015	.1583238	.0223428	.0026406	37.25706	.4520784
Stddev	.0023047	.0013069	.0023899	.0007464	.0015249	.15673	.0018851
%RSD	6.397103	13.75425	1.509526	3.340764	57.74748	.4206790	.4169935
#1	.0380032	.0107227	.1610834	.0217453	.0022860	37.10982	.4501331
#2	.0334954	.0081232	.1569433	.0231795	.0043115	37.23956	.4522051
#3	.0365827	.0096585	.1569446	.0221036	.0013243	37.42181	.4538970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032545	.0028663	455.7250	.0431304	.0898309	.0838325	92.09548
Stddev	.0000390	.0001045	1.0872	.0005629	.0006860	.0080755	.24807
%RSD	1.198063	3.647203	.2385566	1.305146	.7636619	9.632958	.2693576
#1	.0032915	.0027918	455.4801	.0437415	.0900686	.0764029	92.04780
#2	.0032581	.0028212	454.7812	.0430165	.0890577	.0924273	91.87472
#3	.0032138	.0029858	456.9137	.0426331	.0903665	.0826671	92.36393

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.80817	14.00177	.0758942	.0083836	.7773919	.0888612	.1628581
Stddev	.05724	.11063	.0006840	.0009056	.1807571	.0014349	.0206698
%RSD	.3865629	.7900803	.9012705	10.80202	23.25173	1.614790	12.69191
#1	14.77904	13.87406	.0751879	.0073942	.7797992	.0876901	.1569393
#2	14.77134	14.06805	.0759414	.0091714	.9569332	.0884316	.1457934
#3	14.87412	14.06319	.0765534	.0085854	.5954432	.0904618	.1858417

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.161521	3.607970	.0270921	.0013130	.9134708	4.470623	.0064427
Stddev	.133259	.036936	.0040339	.0003471	.0140635	.023755	.0008664
%RSD	11.47280	1.023727	14.88955	26.43656	1.539571	.5313606	13.44748
#1	1.243525	3.599308	.0250714	.0012380	.9067359	4.483341	.0068462
#2	1.007760	3.576135	.0244679	.0016915	.9040412	4.485312	.0070336
#3	1.233277	3.648467	.0317370	.0010095	.9296353	4.443217	.0054481

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-06DLX2 Acquired: 12/21/2024 7:22:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ69 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5633498	.1968750	.0359182
Stddev	.0034219	.0005181	.0005552
%RSD	.6074278	.2631653	1.545862
#1	.5606881	.1962776	.0358281
#2	.5621517	.1972010	.0354135
#3	.5672097	.1971464	.0365130

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2060.851	25464.59	2687.991	1748.858	1931.565
Stddev	10.137	206.58	10.784	16.480	13.386
%RSD	.4918805	.8112315	.4011755	.9423052	.6930235
#1	2064.079	25267.25	2675.568	1734.746	1939.325
#2	2068.981	25679.31	2693.466	1766.969	1939.262
#3	2049.493	25447.22	2694.938	1744.859	1916.108

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-14DLX2 Acquired: 12/21/2024 7:26:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0316330	.0177972	.1839268	.0092437	-.000846	18.02703
Stddev	.0025320	.0026194	.0011608	.0045525	.000648	.02140
%RSD	8.004403	14.71778	.6311242	49.24937	76.65732	.1187235
#1	.0344673	.0208176	.1825871	.0039940	-.001566	18.01492
#2	.0295942	.0164257	.1846337	.0116338	-.000311	18.05175
#3	.0308376	.0161484	.1845596	.0121034	-.000659	18.01444

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3827199	.0020389	.0022258	F 967.6537	.0922139	.0697192
Stddev	.0013085	.0000607	.0000649	1.3973	.0001992	.0005076
%RSD	.3418941	2.977984	2.915818	.1444041	.2160528	.7280906
#1	.3820548	.0019887	.0022888	966.1085	.0920194	.0691341
#2	.3842273	.0020217	.0021592	968.0240	.0924176	.0700422
#3	.3818775	.0021064	.0022294	968.8285	.0922047	.0699813

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1653499	83.18988	13.49397	16.18379	.0600955	.0079561
Stddev	.0091505	.12829	.03475	.00812	.0006000	.0010744
%RSD	5.534021	.1542135	.2575491	.0501907	.9983336	13.50406
#1	.1588290	83.05474	13.50288	16.18024	.0596212	.0091331
#2	.1758103	83.31000	13.52340	16.19308	.0607699	.0077071
#3	.1614103	83.20491	13.45563	16.17803	.0598953	.0070281

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.203029	.0543432	.2226600	1.320713	3.503008	.0330970
Stddev	.684385	.0105522	.0114009	.105181	.004768	.0014572
%RSD	56.88847	19.41775	5.120294	7.963971	.1361156	4.402727
#1	1.471329	.0664146	.2336568	1.421952	3.498259	.0347630
#2	.425145	.0497431	.2234290	1.211990	3.502969	.0320604
#3	1.712614	.0468719	.2108941	1.328197	3.507795	.0324675

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-14DLX2 Acquired: 12/21/2024 7:26:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073457	.7381925	5.314901	.0103972	.2145565	.5377289
Stddev	.0006432	.0053733	.023490	.0019642	.0030194	.0009529
%RSD	8.756717	.7279000	.4419634	18.89162	1.407279	.1772154
#1	.0067447	.7329278	5.287850	.0126401	.2150702	.5387523
#2	.0080242	.7436682	5.330155	.0095674	.2113132	.5375671
#3	.0072681	.7379814	5.326697	.0089841	.2172861	.5368672

Elem	Li6707
Units	ppm
Avg	.0364792
Stddev	.0031266
%RSD	8.570814
#1	.0349421
#2	.0400768
#3	.0344187

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.273	23768.98	2552.994	1627.245	1883.084
Stddev	2.806	71.82	.645	7.705	4.169
%RSD	.1454200	.3021779	.0252548	.4735262	.2214101
#1	1930.892	23688.87	2553.737	1618.348	1886.718
#2	1930.892	23827.63	2552.575	1631.675	1884.000
#3	1926.033	23790.43	2552.672	1631.713	1878.532

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-15DLX2 Acquired: 12/21/2024 7:29:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0467004	.0125975	.2338834	.0144123	-.001441	25.88612	.4093995
Stddev	.0069339	.0019066	.0005809	.0054432	.002278	.08115	.0027333
%RSD	14.84754	15.13441	.2483721	37.76759	158.1257	.3134706	.6676400
#1	.0387677	.0138883	.2332149	.0184782	-.002812	25.79348	.4063238
#2	.0516059	.0134966	.2341699	.0082285	.001189	25.92028	.4103237
#3	.0497278	.0104077	.2342653	.0165301	-.002698	25.94460	.4115508

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026961	.0024276	538.5488	.0475844	.0732127	.2155597	76.70637
Stddev	.0000612	.0001518	1.6960	.0008979	.0007733	.0010806	.39069
%RSD	2.268531	6.253920	.3149117	1.886870	1.056259	.5012873	.5093363
#1	.0026700	.0023594	536.6825	.0465477	.0741044	.2162333	76.26350
#2	.0027660	.0026016	539.9958	.0481093	.0728062	.2161324	76.85336
#3	.0026524	.0023220	538.9682	.0480963	.0727274	.2143133	77.00225

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.62265	19.07477	.0722891	.0062198	.9105542	.0579348	.2669588
Stddev	.05594	.06617	.0013957	.0005209	.1739282	.0083190	.0110604
%RSD	.4813338	.3468921	1.930673	8.375039	19.10136	14.35920	4.143119
#1	11.55819	19.06425	.0733707	.0064399	.8080463	.0569884	.2601962
#2	11.65121	19.01448	.0707137	.0056249	1.111375	.0501294	.2609576
#3	11.65854	19.14556	.0727829	.0065945	.812242	.0666864	.2797227

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.998565	4.423124	.0333578	.0071075	.8896498	5.199552	.0089029
Stddev	.159394	.016223	.0017652	.0005727	.0080394	.014297	.0013906
%RSD	7.975444	.3667686	5.291602	8.057206	.9036619	.2749719	15.61911
#1	1.827609	4.406703	.0332935	.0075150	.8804354	5.214968	.0076270
#2	2.024993	4.423528	.0316257	.0073548	.8932811	5.186728	.0086967
#3	2.143095	4.439141	.0351542	.0064528	.8952330	5.196960	.0103851

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-15DLX2 Acquired: 12/21/2024 7:29:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3282432	.3328339	.0412888
Stddev	.0010572	.0018761	.0035034
%RSD	.3220878	.5636686	8.485162
#1	.3271580	.3307634	.0384383
#2	.3283016	.3333176	.0452000
#3	.3292700	.3344208	.0402281

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1946.065	24108.46	2540.318	1653.417	1912.070
Stddev	5.540	39.79	9.974	5.154	4.173
%RSD	.2846682	.1650320	.3926396	.3117262	.2182362
#1	1939.705	24066.91	2529.327	1648.617	1907.389
#2	1949.837	24112.26	2548.795	1652.770	1913.419
#3	1948.653	24146.21	2542.831	1658.864	1915.401

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-16DLX2 Acquired: 12/21/2024 7:33:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312656	.0266561	.1156135	.0021318	-.008716	14.87615
Stddev	.0045616	.0036481	.0015438	.0053711	.000771	.08981
%RSD	14.58979	13.68576	1.335345	251.9496	8.850902	.6037167
#1	.0260979	.0286382	.1138622	.0065327	-.008183	14.77495
#2	.0329667	.0224460	.1162008	.0037160	-.008364	14.94634
#3	.0347322	.0288839	.1167775	-.003853	-.009601	14.90717

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3425154	.0017428	.0015124	F 964.2391	.0255427	.0723768
Stddev	.0008070	.0000513	.0000409	4.9182	.0010142	.0007742
%RSD	.2356214	2.944027	2.704311	.5100573	3.970611	1.069713
#1	.3416332	.0017159	.0015593	959.3071	.0263390	.0719156
#2	.3432166	.0017105	.0014838	969.1433	.0258881	.0719441
#3	.3426964	.0018020	.0014941	964.2669	.0244009	.0732706

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1501012	72.27124	12.23743	16.43427	.0490692	.0070986
Stddev	.0006043	.40572	.05230	.06929	.0006666	.0001378
%RSD	.4026019	.5613812	.4273839	.4216340	1.358532	1.941777
#1	.1496336	71.81524	12.18229	16.35620	.0492862	.0072349
#2	.1507836	72.59226	12.28633	16.48847	.0496003	.0071017
#3	.1498864	72.40621	12.24368	16.45815	.0483212	.0069592

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8585319	.0374042	.1489996	1.294893	3.358465	.0286532
Stddev	1.172201	.0073314	.0084939	.223468	.009032	.0029897
%RSD	136.5356	19.60048	5.700638	17.25765	.2689427	10.43404
#1	.761602	.0293242	.1433797	1.036956	3.349961	.0252778
#2	2.076189	.0436315	.1448483	1.417576	3.357488	.0297139
#3	-.262195	.0392569	.1587708	1.430147	3.367946	.0309680

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-16DLX2 Acquired: 12/21/2024 7:33:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055950	.6843164	6.036127	.0074161	.2004232	.4997469
Stddev	.0006303	.0092585	.027384	.0012890	.0079148	.0022868
%RSD	11.26552	1.352952	.4536643	17.38177	3.949059	.4575854
#1	.0062079	.6939511	6.064979	.0069387	.2007358	.4973857
#2	.0049486	.6835114	6.032907	.0088758	.1923567	.5019511
#3	.0056287	.6754867	6.010496	.0064338	.2081772	.4999038

Elem	Li6707
Units	ppm
Avg	.0282579
Stddev	.0063093
%RSD	22.32765
#1	.0308107
#2	.0210722
#3	.0328908

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.676	23011.99	2462.124	1575.662	1856.062
Stddev	2.326	63.04	8.488	4.396	1.350
%RSD	.1247968	.2739492	.3447468	.2789931	.0727372
#1	1861.552	23067.22	2464.371	1571.706	1854.506
#2	1863.315	22943.31	2452.738	1580.395	1856.747
#3	1866.161	23025.45	2469.262	1574.885	1856.932

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-17DLX2 Acquired: 12/21/2024 7:37:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0218592	.0207151	.2621178	-.015791	-.013280	11.11883	.1785596
Stddev	.0012111	.0045726	.0045741	.003971	.002746	.04744	.0012654
%RSD	5.540398	22.07362	1.745048	25.14939	20.67755	.4266629	.7086461
#1	.0219959	.0161705	.2614936	-.020237	-.010202	11.11194	.1770990
#2	.0229962	.0253152	.2578879	-.012596	-.014158	11.07522	.1792576
#3	.0205856	.0206597	.2669719	-.014538	-.015479	11.16934	.1793224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015792	.0069402	792.2110	.0237679	.0559843	.1266251	50.47039
Stddev	.0000184	.0001050	4.6272	.0003451	.0009218	.0075319	.28136
%RSD	1.164327	1.513347	.5840900	1.452040	1.646451	5.948161	.5574817
#1	.0015999	.0070608	788.7860	.0237803	.0560606	.1256727	50.26945
#2	.0015649	.0068693	790.3720	.0241067	.0550268	.1196147	50.34976
#3	.0015727	.0068904	797.4750	.0234168	.0568655	.1345878	50.79195

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.872247	403.9289	.0393815	.0069251	2.122666	.0215351	1.111816
Stddev	.032340	2.1526	.0011033	.0010157	.397103	.0102566	.018411
%RSD	.6637692	.5329065	2.801637	14.66763	18.70774	47.62718	1.655962
#1	4.843432	401.8188	.0382301	.0068439	1.915875	.0161220	1.091635
#2	4.866084	403.8465	.0394849	.0079789	1.871633	.0151191	1.116118
#3	4.907226	406.1216	.0404295	.0059523	2.580488	.0333642	1.127696

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.276008	1.025711	.0533768	.0001376	11.17153	4.966657	.0215838
Stddev	.208088	.007778	.0021391	.0007201	.07088	.037133	.0011960
%RSD	9.142665	.7583174	4.007586	523.2459	.6344725	.7476451	5.541348
#1	2.058614	1.025458	.0545621	-.000458	11.13957	4.979512	.0229639
#2	2.473336	1.018062	.0546608	.000938	11.12225	4.924805	.0209384
#3	2.296075	1.033613	.0509074	-.000067	11.25276	4.995655	.0208490

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4979-17DLX2 Acquired: 12/21/2024 7:37:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1729197	.3476471	.0373642
Stddev	.0039396	.0017337	.0049714
%RSD	2.278282	.4986817	13.30522
#1	.1689120	.3459022	.0325924
#2	.1730597	.3476697	.0369866
#3	.1767875	.3493693	.0425136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1766.861	22158.46	2379.534	1499.986	1811.901
Stddev	12.265	52.29	11.862	4.093	13.336
%RSD	.6941562	.2359663	.4985128	.2728814	.7360296
#1	1770.314	22218.17	2375.723	1497.982	1817.645
#2	1777.030	22120.87	2392.833	1504.695	1821.402
#3	1753.241	22136.34	2370.045	1497.282	1796.655

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-01DLX2 Acquired: 12/21/2024 7:41:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258899	.0141496	.6417765	-.004833	-.005038	17.77757	.2158389
Stddev	.0017152	.0042848	.0016974	.005246	.002041	.27298	.0031647
%RSD	6.624841	30.28233	.2644837	108.5280	40.50715	1.535536	1.466220
#1	.0278628	.0164313	.6437158	-.010877	-.007313	17.76204	.2149059
#2	.0250540	.0168107	.6410522	-.001470	-.004430	17.51269	.2132456
#3	.0247530	.0092067	.6405613	-.002152	-.003370	18.05799	.2193652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022664	.0038645	535.0969	.0522393	.0592336	.1245965	57.46685
Stddev	.0000818	.0001164	7.1876	.0002584	.0004158	.0045133	.66010
%RSD	3.609071	3.010752	1.343226	.4946551	.7020210	3.622348	1.148663
#1	.0022839	.0038965	535.3830	.0522081	.0587590	.1273146	57.49196
#2	.0023380	.0037354	527.7706	.0525119	.0595340	.1193866	56.79455
#3	.0021773	.0039614	542.1371	.0519979	.0594077	.1270883	58.11404

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.422096	286.7580	.0926439	.0055823	1.178448	.0491132	.8173811
Stddev	.061927	4.2246	.0008436	.0010545	.097201	.0021770	.0116908
%RSD	1.400392	1.473225	.9106260	18.88925	8.248205	4.432618	1.430275
#1	4.430875	286.6700	.0935358	.0067931	1.227329	.0515976	.8054115
#2	4.356248	282.5780	.0925375	.0048651	1.241507	.0482032	.8287715
#3	4.479164	291.0258	.0918586	.0050889	1.066509	.0475390	.8179604

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.280840	3.073832	.0528206	.0033095	8.495248	5.400402	.0334528
Stddev	.085528	.006992	.0024037	.0004464	.007684	.041188	.0015465
%RSD	2.606904	.2274542	4.550619	13.48908	.0904549	.7626904	4.623005
#1	3.195511	3.066757	.0501820	.0037010	8.496105	5.421537	.0348470
#2	3.280442	3.074002	.0548855	.0028233	8.487171	5.352936	.0337219
#3	3.366566	3.080737	.0533944	.0034043	8.502468	5.426732	.0317893

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-01DLX2 Acquired: 12/21/2024 7:41:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ70 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3052245	.1760978	.0361254
Stddev	.0096843	.0025658	.0034001
%RSD	3.172838	1.457012	9.412037
#1	.3091130	.1765570	.0365027
#2	.2942003	.1733334	.0325523
#3	.3123602	.1784029	.0393211

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1760.366	21924.59	2342.574	1492.093	1825.955
Stddev	3.245	62.20	23.299	3.883	1.217
%RSD	.1843144	.2837219	.9946083	.2602672	.0666448
#1	1763.602	21855.06	2329.771	1490.688	1827.350
#2	1760.385	21974.97	2369.467	1489.108	1825.112
#3	1757.112	21943.74	2328.483	1496.483	1825.403

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-02DLX2 Acquired: 12/21/2024 7:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0258013	.0211232	.4681502	-.017124	-.009681	12.85338	.1542380
Stddev	.0041959	.0015111	.0010333	.004254	.000902	.08678	.0020922
%RSD	16.26242	7.153943	.2207147	24.84047	9.311785	.6751329	1.356487
#1	.0302151	.0194888	.4669825	-.013798	-.010539	12.76328	.1518292
#2	.0218640	.0224697	.4685219	-.021917	-.008742	12.86045	.1552821
#3	.0253247	.0214110	.4689463	-.015657	-.009763	12.93641	.1556027

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017854	.0041072	768.4324	.0377656	.0594580	.0786342	53.21253
Stddev	.0001294	.0001072	2.6640	.0007129	.0008476	.0075489	.28178
%RSD	7.250002	2.609861	.3466856	1.887837	1.425554	9.599963	.5295361
#1	.0018315	.0041079	765.4944	.0369990	.0589827	.0811161	52.90974
#2	.0018855	.0042140	769.1120	.0384087	.0604366	.0846297	53.26077
#3	.0016392	.0039997	770.6908	.0378891	.0589547	.0701569	53.46707

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.460506	422.9559	.0708415	.0051803	1.303289	.0350639	.8632098
Stddev	.029386	2.2798	.0013979	.0017327	.600463	.0069505	.0130834
%RSD	.5381630	.5390108	1.973340	33.44814	46.07291	19.82223	1.515672
#1	5.427408	420.9679	.0716779	.0040219	.755646	.0429711	.8734888
#2	5.470580	422.4556	.0692277	.0071723	1.945379	.0323003	.8676584
#3	5.483531	425.4443	.0716190	.0043467	1.208843	.0299204	.8484821

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.357615	2.507833	.0542387	.0019560	9.689621	5.123499	.0240878
Stddev	.144532	.003196	.0014852	.0005762	.020061	.045052	.0020098
%RSD	6.130419	.1274251	2.738221	29.45921	.2070387	.8793269	8.343662
#1	2.223208	2.509769	.0538477	.0019992	9.693299	5.105252	.0220049
#2	2.339142	2.504145	.0529881	.0025094	9.667976	5.090433	.0242429
#3	2.510495	2.509585	.0558803	.0013594	9.707589	5.174813	.0260155

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-02DLX2 Acquired: 12/21/2024 7:45:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ71 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1962043	.2201222	.0371500
Stddev	.0024031	.0009476	.0007290
%RSD	1.224808	.4304656	1.962387
#1	.1934659	.2193099	.0373950
#2	.1979622	.2198936	.0363301
#3	.1971847	.2211632	.0377250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1724.377	21613.89	2303.743	1465.189	1772.080
Stddev	2.848	62.67	20.388	8.463	2.644
%RSD	.1651843	.2899644	.8849899	.5776179	.1491772
#1	1724.250	21543.23	2301.058	1455.532	1772.398
#2	1727.286	21662.74	2325.340	1471.311	1774.550
#3	1721.594	21635.72	2284.831	1468.725	1769.292

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV090 Acquired: 12/21/2024 7:49:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.796093	4.669315	24.25163	4.693474	4.705216	398.7147	9.987893
Stddev	.014836	.010778	.04385	.015228	.016159	3.5763	.068201
%RSD	.3093266	.2308366	.1808213	.3244570	.3434281	.8969582	.6828391
#1	4.781000	4.656911	24.20462	4.680200	4.696839	394.6340	9.909144
#2	4.796622	4.674638	24.29142	4.690125	4.694965	400.2069	10.02671
#3	4.810657	4.676396	24.25886	4.710099	4.723843	401.3033	10.02782

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5038222	2.444011	398.6434	15.21929	2.433027	14.80830	398.8209
Stddev	.0037125	.003621	3.3712	.03725	.006255	.14608	3.4909
%RSD	.7368741	.1481643	.8456558	.2447329	.2570717	.9864460	.8753152
#1	.4996254	2.439830	394.7891	15.21058	2.425860	14.64409	394.8618
#2	.5051638	2.446020	400.0983	15.18716	2.435844	14.85703	400.1442
#3	.5066775	2.446181	401.0427	15.26011	2.437378	14.92379	401.4568

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67530	395.1916	2.450613	1.271437	394.4453	2.442136	14.85014
Stddev	.13758	3.6829	.004043	.001030	2.3909	.029048	.05698
%RSD	.9374932	.9319269	.1649705	.0810451	.6061451	1.189435	.3836984
#1	14.51645	390.9757	2.446345	1.271314	391.7181	2.410718	14.80169
#2	14.75624	396.8163	2.451109	1.270474	396.1807	2.447674	14.91292
#3	14.75321	397.7827	2.454385	1.272524	395.4372	2.468015	14.83583

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	148.4550	4.826759	4.900997	4.700236	4.761091	4.931867	4.807243
Stddev	.9041	.009828	.032912	.011014	.001997	.034649	.008339
%RSD	.6089919	.2036088	.6715442	.2343324	.0419388	.7025554	.1734669
#1	147.4179	4.817121	4.873819	4.689490	4.759286	4.897077	4.798433
#2	148.8707	4.826390	4.891580	4.699717	4.763236	4.932151	4.815014
#3	149.0765	4.836766	4.937591	4.711500	4.760751	4.966373	4.808280

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV090 Acquired: 12/21/2024 7:49:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV090 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.860207	4.723295	5.067242
Stddev	.044130	.036379	.044019
%RSD	.9079765	.7702015	.8686879
#1	4.810045	4.681538	5.017582
#2	4.877524	4.740212	5.082690
#3	4.893051	4.748136	5.101455

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.944	20360.99	2227.092	1293.311	1758.779
Stddev	3.085	15.95	11.216	3.491	5.169
%RSD	.2008656	.0783417	.5036308	.2699645	.2939159
#1	1536.001	20345.72	2239.977	1296.013	1758.663
#2	1532.830	20377.54	2221.781	1289.368	1753.668
#3	1539.000	20359.70	2219.518	1294.550	1764.005

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB090 Acquired: 12/21/2024 7:52:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0035787	.0034294	.0030703	.0012365	-.002719	.0147938
Stddev	.0025421	.0027632	.0029912	.0011575	.001851	.0133753
%RSD	71.03328	80.57282	97.42406	93.60678	68.08705	90.41150
#1	.0006573	.0039160	.0054490	.0018183	-.004840	.0121826
#2	.0052868	.0004553	.0040497	.0019877	-.001427	.0029167
#3	.0047921	.0059170	-.000288	-.000096	-.001890	.0292822

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013672	.0002024	.0002669	.0454892	.0009969	.0003349
Stddev	.0014546	.0000318	.0000263	.0127608	.0004383	.0004533
%RSD	106.3894	15.73434	9.835298	28.05229	43.96708	135.3738
#1	.0010960	.0002390	.0002881	.0309021	.0005300	.0003396
#2	.0000674	.0001863	.0002375	.0545854	.0013996	-.000121
#3	.0029384	.0001817	.0002750	.0509800	.0010612	.000786

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003986	.0285965	.0013073	.0269256	.0007575	.0004767
Stddev	.000138	.0269421	.0017200	.0707681	.0004014	.0012245
%RSD	3.473797	94.21466	131.5759	262.8281	52.98878	256.8629
#1	-.004023	.0054091	-.000334	.0719681	.0004367	.0018789
#2	-.003833	.0581522	.003096	.0634510	.0012076	-.000382
#3	-.004102	.0222281	.001160	-.054642	.0006282	-.000067

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8406936	-.004856	-.002117	-.488027	-.002864	.0123882
Stddev	1.168992	.005109	.011795	.033759	.001091	.0021407
%RSD	139.0509	105.2181	557.2372	6.917436	38.08802	17.28015
#1	-.153175	-.008552	.010982	-.507343	-.002018	.0100165
#2	2.128647	-.006990	-.011897	-.449046	-.004095	.0141772
#3	.546609	.000974	-.005435	-.507692	-.002480	.0129710

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB090 Acquired: 12/21/2024 7:52:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0004104	-.007440	-.003374	F -.012702	.0043529	.0003194
Stddev	.0003928	.006417	.000528	.000593	.0024733	.0001000
%RSD	95.70365	86.25132	15.63628	4.668223	56.82055	31.31043
#1	-.000026	-.010611	-.002765	-.013186	.0015102	.0004297
#2	.000735	-.011653	-.003689	-.012041	.0055359	.0002348
#3	.000522	-.000055	-.003668	-.012880	.0060125	.0002936

Elem	Li6707
Units	ppm
Avg	F .0187353
Stddev	.0032741
%RSD	17.47543
#1	.0216715
#2	.0193295
#3	.0152048

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1850.308	22890.78	2323.391	1578.020	2178.720
Stddev	1.940	20.64	19.823	7.701	2.171
%RSD	.1048255	.0901507	.8531764	.4880282	.0996339
#1	1848.174	22871.46	2303.371	1586.475	2179.728
#2	1851.963	22888.35	2343.010	1571.407	2176.228
#3	1850.787	22912.52	2323.792	1576.177	2180.203

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-03DLX2 Acquired: 12/21/2024 7:56:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286396	.0266233	.4203458	-.015309	-.013656	11.84962
Stddev	.0043594	.0028453	.0030871	.001732	.003448	.05724
%RSD	15.22174	10.68729	.7344305	11.31685	25.24855	.4830956
#1	.0253910	.0277167	.4218947	-.016780	-.010009	11.90034
#2	.0335940	.0233934	.4223518	-.015746	-.016863	11.86097
#3	.0269337	.0287597	.4167908	-.013399	-.014097	11.78755

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1282987	.0016813	.0072529	F 992.2677	.0338663	.0607059
Stddev	.0004007	.0000689	.0000885	1.6911	.0007118	.0004137
%RSD	.3122810	4.094923	1.219757	.1704321	2.101913	.6814152
#1	.1279560	.0017602	.0073294	991.8851	.0342621	.0608039
#2	.1282009	.0016499	.0071560	994.1174	.0330445	.0610617
#3	.1287392	.0016337	.0072733	990.8006	.0342923	.0602520

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0756234	57.10810	6.994488	547.2548	.0580691	.0076153
Stddev	.0049851	.06562	.020608	.9454	.0006107	.0008295
%RSD	6.591971	.1149039	.2946378	.1727561	1.051587	10.89303
#1	.0700091	57.09221	7.010716	547.4754	.0577213	.0067852
#2	.0773301	57.18021	7.001448	548.0704	.0587742	.0076165
#3	.0795309	57.05189	6.971301	546.2186	.0577117	.0084443

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.486071	.0325134	1.505956	3.695465	1.697955	.0743609
Stddev	.766841	.0047073	.026423	.190045	.010733	.0030777
%RSD	51.60195	14.47820	1.754584	5.142641	.6321207	4.138913
#1	2.228172	.0272072	1.507330	3.526281	1.708452	.0725032
#2	1.533363	.0341455	1.531666	3.901092	1.698414	.0779135
#3	.696678	.0361875	1.478873	3.659022	1.687000	.0726659

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-03DLX2 Acquired: 12/21/2024 7:56:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ72 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012837	13.53862	4.601549	.0293231	.1484898	.2932737
Stddev	.0008062	.05065	.047303	.0025098	.0021058	.0002747
%RSD	62.80695	.3740904	1.027989	8.559231	1.418177	.0936547
#1	.0018619	13.59483	4.646215	.0294335	.1507423	.2932525
#2	.0016263	13.52449	4.551989	.0317759	.1465704	.2935583
#3	.0003627	13.49654	4.606443	.0267599	.1481567	.2930102

Elem	Li6707
Units	ppm
Avg	.0482478
Stddev	.0054911
%RSD	11.38102
#1	.0521410
#2	.0506352
#3	.0419671

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1691.116	21151.19	2296.919	1439.752	1712.575
Stddev	7.418	120.77	20.687	3.256	7.592
%RSD	.4386375	.5709863	.9006483	.2261530	.4433366
#1	1688.427	21200.58	2274.862	1439.695	1708.691
#2	1685.418	21013.55	2315.890	1436.525	1707.710
#3	1699.504	21239.43	2300.004	1443.037	1721.324

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-05DLX2 Acquired: 12/21/2024 8:00:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0434153	-.009177	2.157936	.0148509	.0011958	38.79664	.8563625
Stddev	.0010953	.005147	.013643	.0018197	.0028936	.03816	.0026213
%RSD	2.522890	56.07921	.6322409	12.25331	241.9807	.0983525	.3060995
#1	.0446577	-.007268	2.171734	.0127912	.0038792	38.79486	.8593848
#2	.0429991	-.005258	2.157622	.0162408	-.001870	38.83566	.8547082
#3	.0425891	-.015006	2.144453	.0155208	.001578	38.75940	.8549944

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037832	.0083041	429.7553	.0998893	.0745025	.8352937	95.30079
Stddev	.0002109	.0001663	.9475	.0008596	.0010923	.0015375	.26504
%RSD	5.574526	2.002684	.2204667	.8605352	1.466171	.1840614	.2781044
#1	.0039800	.0083498	430.3343	.1003150	.0755143	.8335189	95.41933
#2	.0035606	.0084427	430.2697	.1004530	.0746488	.8361456	94.99717
#3	.0038090	.0081197	428.6619	.0989000	.0733444	.8362167	95.48587

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.333536	207.3599	.1231269	.0111948	1.790531	.0883249	2.549140
Stddev	.013173	.1829	.0007461	.0003764	.265113	.0021415	.018002
%RSD	.3039807	.0881969	.6059871	3.362522	14.80640	2.424592	.7062029
#1	4.348360	207.5494	.1239389	.0116151	2.096327	.0907423	2.563980
#2	4.329077	207.3458	.1229703	.0110804	1.625327	.0875670	2.554326
#3	4.323172	207.1844	.1224715	.0108888	1.649938	.0866654	2.529114

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.227545	3.360061	.0533392	.0051804	4.579345	6.122520	.4315389
Stddev	.065866	.022087	.0038170	.0005595	.045330	.023698	.0006073
%RSD	1.558014	.6573259	7.156157	10.80034	.9898893	.3870600	.1407344
#1	4.249990	3.381768	.0575548	.0057694	4.631687	6.124701	.4322399
#2	4.279255	3.360802	.0523459	.0051160	4.552836	6.145052	.4311727
#3	4.153391	3.337613	.0501171	.0046560	4.553513	6.097807	.4312040

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-05DLX2 Acquired: 12/21/2024 8:00:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ74 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6432962	.2129196	.0763009
Stddev	.0042128	.0000236	.0046216
%RSD	.6548757	.0110692	6.057009
#1	.6420626	.2128983	.0711635
#2	.6398378	.2129449	.0801202
#3	.6479880	.2129155	.0776189

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1802.619	22500.22	2381.008	1542.627	1865.433
Stddev	7.509	100.97	11.735	11.033	5.193
%RSD	.4165491	.4487524	.4928401	.7152288	.2784001
#1	1810.874	22444.76	2378.148	1537.585	1871.241
#2	1796.195	22439.13	2370.968	1535.016	1861.238
#3	1800.789	22616.76	2393.908	1555.281	1863.819

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-10DLX2 Acquired: 12/21/2024 8:04:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1621975	.0172240	.4286178	-.004810	-.009555	15.63497
Stddev	.0038256	.0029774	.0008797	.003754	.003127	.15587
%RSD	2.358634	17.28658	.2052405	78.03356	32.72379	.9969378
#1	.1666082	.0137862	.4295494	-.004596	-.006856	15.46597
#2	.1602038	.0189099	.4285029	-.008666	-.012981	15.77309
#3	.1597805	.0189759	.4278013	-.001168	-.008828	15.66585

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3594996	.0022419	.0146694	F 853.3539	.0357367	.0633179
Stddev	.0028634	.0001038	.0001093	7.6559	.0002414	.0004087
%RSD	.7965073	4.631454	.7448947	.8971569	.6754219	.6455581
#1	.3562186	.0021647	.0147734	844.5172	.0354640	.0631085
#2	.3614946	.0022011	.0145555	857.9901	.0358231	.0630562
#3	.3607857	.0023600	.0146793	857.5545	.0359229	.0637889

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0862725	64.73647	5.563678	447.6200	.0593701	.0057016
Stddev	.0048471	.50394	.042173	3.3161	.0004346	.0010531
%RSD	5.618418	.7784448	.7580018	.7408403	.7320230	18.46975
#1	.0901693	64.15458	5.516011	443.9472	.0596038	.0050542
#2	.0808447	65.02670	5.596140	450.3944	.0588686	.0069167
#3	.0878036	65.02814	5.578884	448.5184	.0596378	.0051338

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8409031	.0381019	3.078264	2.682264	1.579617	.0583100
Stddev	.7264110	.0017882	.010079	.105207	.001029	.0017322
%RSD	86.38463	4.693106	.3274242	3.922326	.0651628	2.970624
#1	.7188105	.0360839	3.074549	2.702762	1.580291	.0584774
#2	1.620624	.0394893	3.070570	2.775714	1.580127	.0565002
#3	.183275	.0387326	3.089673	2.568316	1.578432	.0599524

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-10DLX2 Acquired: 12/21/2024 8:04:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ86 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031930	11.83015	5.945137	.0122243	.2037120	.2899737
Stddev	.0003283	.00787	.018113	.0005026	.0008024	.0026881
%RSD	10.28334	.0664862	.3046728	4.111753	.3939084	.9270051
#1	.0030481	11.82111	5.924236	.0121245	.2030874	.2871425
#2	.0029620	11.83388	5.956252	.0117791	.2034315	.2924911
#3	.0035688	11.83546	5.954924	.0127694	.2046170	.2902875

Elem	Li6707
Units	ppm
Avg	.0409241
Stddev	.0016592
%RSD	4.054405
#1	.0428210
#2	.0402093
#3	.0397421

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1721.657	21470.50	2305.060	1459.759	1750.767
Stddev	7.285	17.40	8.013	3.341	5.420
%RSD	.4231203	.0810614	.3476063	.2288695	.3095935
#1	1725.032	21475.84	2314.213	1462.365	1753.152
#2	1713.297	21484.61	2299.314	1460.919	1744.564
#3	1726.643	21451.06	2301.653	1455.993	1754.586

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-11DLX2 Acquired: 12/21/2024 8:08:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0435304	-.022255	.2637461	.0273022	.0076731	56.45363	.8225111
Stddev	.0022154	.001334	.0007510	.0020601	.0018625	.21011	.0043782
%RSD	5.089284	5.991987	.2847579	7.545656	24.27341	.3721880	.5322987
#1	.0457208	-.021028	.2645968	.0250438	.0098224	56.29544	.8195236
#2	.0412909	-.022063	.2631750	.0290786	.0066635	56.37341	.8204728
#3	.0435795	-.023674	.2634664	.0277841	.0065333	56.69203	.8275368

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0054757	.0045498	524.3752	.0827407	.0833953	.1361932	115.5816
Stddev	.0001623	.0000130	2.4160	.0002434	.0006893	.0020977	.4678
%RSD	2.964562	.2854229	.4607462	.2941977	.8265760	1.540244	.4047757
#1	.0055220	.0045373	521.8866	.0830217	.0827794	.1342008	115.3219
#2	.0056099	.0045632	524.5276	.0825927	.0832665	.1383824	115.3012
#3	.0052953	.0045487	526.7115	.0826078	.0841399	.1359964	116.1217

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.925299	183.3833	.1290541	.0091314	1.463607	.1096756	.7556286
Stddev	.023261	1.0849	.0007053	.0007124	1.215520	.0172410	.0071785
%RSD	.5925985	.5916212	.5464896	7.801035	83.04962	15.71996	.9500041
#1	3.904259	182.6436	.1298599	.0083090	1.089702	.0943193	.7474359
#2	3.921360	182.8775	.1287532	.0095292	.478964	.1063815	.7608164
#3	3.950279	184.6288	.1285492	.0095561	2.822154	.1283259	.7586335

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.202601	2.181165	.0520186	.0040427	3.586484	5.567689	.0098675
Stddev	.143633	.002979	.0022964	.0009009	.014592	.021563	.0017669
%RSD	3.417716	.1365928	4.414503	22.28393	.4068657	.3872932	17.90600
#1	4.059884	2.182485	.0515374	.0034507	3.573631	5.589743	.0117764
#2	4.200786	2.177754	.0545174	.0050794	3.583474	5.546653	.0095367
#3	4.347132	2.183257	.0500009	.0035978	3.602346	5.566672	.0082894

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-11DLX2 Acquired: 12/21/2024 8:08:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ87 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5184150	.6332129	.0998824
Stddev	.0007429	.0027645	.0024266
%RSD	.1433022	.4365803	2.429432
#1	.5177509	.6311460	.1025782
#2	.5192173	.6321397	.0978728
#3	.5182769	.6363531	.0991964

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.154	22737.97	2416.568	1560.299	1858.589
Stddev	4.206	41.55	4.341	5.191	2.276
%RSD	.2298237	.1827374	.1796518	.3326662	.1224374
#1	1833.272	22783.90	2419.333	1560.330	1860.075
#2	1825.370	22702.98	2418.806	1565.474	1855.969
#3	1831.819	22727.04	2411.564	1555.093	1859.722

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-15DLX2 Acquired: 12/21/2024 8:12:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0466445	-.024431	.2730032	.0348579	.0127594	67.25917	.9130978
Stddev	.0026661	.003939	.0016149	.0038165	.0017880	.40886	.0043524
%RSD	5.715685	16.12367	.5915184	10.94874	14.01280	.6078936	.4766669
#1	.0483755	-.028916	.2748367	.0374581	.0107197	66.81835	.9091811
#2	.0479837	-.022840	.2723806	.0366391	.0140555	67.62597	.9177835
#3	.0435743	-.021536	.2717923	.0304764	.0135032	67.33320	.9123289

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069032	.0042137	546.6131	.0981139	.0943631	.1830258	134.4888
Stddev	.0000986	.0001284	3.4504	.0008277	.0001216	.0089386	1.0443
%RSD	1.428531	3.048147	.6312283	.8436024	.1288110	4.883773	.7764910
#1	.0068893	.0043608	543.3629	.0983289	.0942701	.1738716	133.5961
#2	.0068122	.0041560	550.2337	.0988129	.0943186	.1917319	135.6372
#3	.0070080	.0041241	546.2427	.0972000	.0945006	.1834738	134.2331

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.285185	133.2084	.1628270	.0104301	.7896136	.1252481	.7166795
Stddev	.021052	.8544	.0006714	.0005699	.3412437	.0034747	.0192374
%RSD	.6408210	.6414331	.4123458	5.464113	43.21654	2.774222	2.684241
#1	3.267517	132.4310	.1632250	.0102778	.8658290	.1213020	.6982599
#2	3.308478	134.1232	.1632041	.0099519	1.086305	.1265930	.7151368
#3	3.279558	133.0711	.1620518	.0110607	.416706	.1278493	.7366419

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.279496	2.508594	.0513111	.0048952	3.240254	6.446505	.0244764
Stddev	.039105	.005057	.0018056	.0002691	.013496	.058133	.0002919
%RSD	1.192417	.2015969	3.518981	5.496431	.4165081	.9017717	1.192377
#1	3.260943	2.511940	.0529207	.0049566	3.255547	6.414483	.0241916
#2	3.253121	2.502776	.0493586	.0046007	3.235202	6.513608	.0244629
#3	3.324425	2.511065	.0516541	.0051282	3.230012	6.411425	.0247748

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-15DLX2 Acquired: 12/21/2024 8:12:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ89 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5452841	1.081946	.1161521
Stddev	.0038830	.006724	.0031195
%RSD	.7121119	.6214793	2.685707
#1	.5408258	1.075392	.1126772
#2	.5479265	1.088828	.1187111
#3	.5470999	1.081618	.1170681

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.092	23017.58	2450.160	1569.948	1874.248
Stddev	2.346	73.23	7.892	11.831	2.261
%RSD	.1261673	.3181671	.3221138	.7535705	.1206586
#1	1857.966	22954.62	2457.118	1563.236	1872.132
#2	1861.788	23097.95	2441.584	1583.608	1876.631
#3	1857.522	23000.18	2451.779	1563.000	1873.981

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-16DLX2 Acquired: 12/21/2024 8:16:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0348037	.0098625	.3789305	-.006572	-.006306	23.08326
Stddev	.0020154	.0042916	.0042773	.001869	.004327	.29447
%RSD	5.790874	43.51472	1.128780	28.44317	68.61058	1.275689
#1	.0371231	.0145303	.3740702	-.008414	-.009128	22.74888
#2	.0338092	.0060876	.3821215	-.004676	-.008466	23.19699
#3	.0334788	.0089695	.3805996	-.006627	-.001325	23.30390

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2622639	.0033037	.0152519	F 824.4850	.0410434	.0742655
Stddev	.0033366	.0001236	.0001453	9.4086	.0006397	.0003885
%RSD	1.272236	3.740102	.9528347	1.141148	1.558491	.5231259
#1	.2590991	.0031876	.0152653	815.3158	.0412629	.0745986
#2	.2619433	.0032900	.0153901	824.0231	.0403229	.0743592
#3	.2657492	.0034336	.0151003	834.1160	.0415444	.0738387

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1123747	72.15609	3.591973	371.1897	.0787907	.0061565
Stddev	.0057541	.99124	.039777	5.1335	.0002741	.0007096
%RSD	5.120409	1.373740	1.107376	1.382995	.3479081	11.52571
#1	.1065034	71.06942	3.549317	365.6880	.0785041	.0053944
#2	.1126169	72.38812	3.598552	372.0298	.0788177	.0062769
#3	.1180038	73.01073	3.628049	375.8514	.0790504	.0067982

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.219095	.0494706	1.749846	4.199408	1.888386	.0777927
Stddev	.364152	.0073891	.026031	.063984	.010797	.0012449
%RSD	29.87066	14.93642	1.487644	1.523640	.5717362	1.600315
#1	1.228237	.0565691	1.720807	4.205343	1.900080	.0785653
#2	1.578588	.0418216	1.757644	4.260218	1.886280	.0763566
#3	.850457	.0500209	1.771088	4.132664	1.878797	.0784563

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-16DLX2 Acquired: 12/21/2024 8:16:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ90 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015962	9.690828	6.309064	.0487784	.2986520	.4098850
Stddev	.0006280	.056589	.038837	.0009349	.0029967	.0053507
%RSD	39.34430	.5839445	.6155723	1.916566	1.003425	1.305404
#1	.0015887	9.753045	6.282564	.0490578	.2974811	.4041061
#2	.0022279	9.677015	6.290984	.0477356	.2964175	.4108815
#3	.0009719	9.642424	6.353645	.0495416	.3020574	.4146673

Elem	Li6707
Units	ppm
Avg	.0652512
Stddev	.0047321
%RSD	7.252177
#1	.0602918
#2	.0697175
#3	.0657442

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1749.332	21802.70	2330.962	1489.301	1764.197
Stddev	1.332	46.80	16.612	4.033	1.405
%RSD	.0761348	.2146464	.7126486	.2707920	.0796498
#1	1750.560	21748.90	2346.042	1490.149	1763.073
#2	1749.521	21834.01	2333.688	1492.842	1765.772
#3	1747.916	21825.19	2313.156	1484.911	1763.744

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-17DLX2 Acquired: 12/21/2024 8:19:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0207721	.0234423	.2366989	-.009888	-.011274	11.71566
Stddev	.0060467	.0045793	.0026059	.003141	.003102	.06643
%RSD	29.10952	19.53444	1.100929	31.76143	27.51697	.5670344
#1	.0256654	.0188840	.2370645	-.013505	-.014247	11.73338
#2	.0226387	.0234004	.2339295	-.008302	-.011518	11.64217
#3	.0140122	.0280424	.2391027	-.007857	-.008057	11.77144

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1006609	.0019880	.0031796	F 1120.375	.0301024	.0648630
Stddev	.0010251	.0000629	.0001219	3.806	.0000577	.0007746
%RSD	1.018364	3.162760	3.833932	.3396770	.1915661	1.194129
#1	.1014497	.0020116	.0031377	1120.104	.0300358	.0641195
#2	.0995022	.0019167	.0033169	1116.712	.0301371	.0648044
#3	.1010308	.0020357	.0030841	1124.309	.0301343	.0656652

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0670366	60.55187	6.162993	588.4303	.0534248	.0075706
Stddev	.0042604	.33196	.042870	2.6812	.0010340	.0016305
%RSD	6.355319	.5482258	.6956035	.4556603	1.935379	21.53762
#1	.0699715	60.50760	6.165508	588.3860	.0541204	.0094251
#2	.0621500	60.24426	6.118920	585.7715	.0539174	.0063618
#3	.0689884	60.90374	6.204550	591.1334	.0522366	.0069250

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7782671	.0282083	.5533849	5.038064	1.173583	.0870011
Stddev	.3555708	.0107628	.0103555	.132540	.005729	.0017628
%RSD	45.68750	38.15469	1.871307	2.630766	.4881740	2.026133
#1	.3900883	.0322431	.5609194	4.945645	1.179440	.0888545
#2	1.088195	.0363706	.5415765	4.978628	1.167990	.0868032
#3	.856518	.0160111	.5576589	5.189918	1.173320	.0853457

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-17DLX2 Acquired: 12/21/2024 8:19:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009335	15.09640	5.980007	.0105496	.0839847	.3910736
Stddev	.0002053	.02056	.023879	.0016611	.0006753	.0021522
%RSD	21.98969	.1361609	.3993138	15.74514	.8041130	.5503406
#1	.0011125	15.10331	5.960020	.0120550	.0846849	.3906495
#2	.0009787	15.11260	5.973550	.0087676	.0833373	.3891650
#3	.0007094	15.07327	6.006450	.0108262	.0839320	.3934063

Elem	Li6707
Units	ppm
Avg	.0499373
Stddev	.0090213
%RSD	18.06519
#1	.0395646
#2	.0559533
#3	.0542941

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1699.225	21219.45	2307.885	1438.741	1695.754
Stddev	5.244	48.21	10.751	2.620	6.777
%RSD	.3085985	.2271778	.4658348	.1821250	.3996396
#1	1693.638	21265.61	2315.867	1438.099	1688.952
#2	1699.997	21169.43	2312.128	1441.623	1695.804
#3	1704.040	21223.30	2295.660	1436.502	1702.505

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-18DLX2 Acquired: 12/21/2024 8:23:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0212350	.0140184	.4156168	-.010792	-.007696	18.53724	.2304455
Stddev	.0028354	.0041315	.0014116	.002339	.003557	.12968	.0011990
%RSD	13.35243	29.47183	.3396493	21.67464	46.21495	.6995477	.5202934
#1	.0193272	.0171432	.4172359	-.008454	-.007357	18.40290	.2300667
#2	.0244932	.0155777	.4149708	-.013132	-.004321	18.54712	.2294817
#3	.0198847	.0093342	.4146438	-.010789	-.011410	18.66169	.2317882

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023063	.0028521	671.6763	.0328580	.0623455	.3847395	55.36551
Stddev	.0000984	.0000232	5.6404	.0008776	.0006548	.0059126	.38611
%RSD	4.266454	.8124519	.8397483	2.670846	1.050304	1.536772	.6973797
#1	.0023611	.0028773	667.6409	.0323465	.0620610	.3781806	54.96110
#2	.0021927	.0028318	669.2666	.0323562	.0630944	.3863776	55.40519
#3	.0023651	.0028472	678.1212	.0338714	.0618810	.3896603	55.73025

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.985964	241.1199	.0586604	.0045181	1.375691	.0390083	.7106286
Stddev	.028270	1.3697	.0000586	.0012465	.166456	.0029185	.0071007
%RSD	.7092349	.5680510	.0999694	27.58824	12.09979	7.481870	.9992184
#1	3.960971	240.1708	.0586258	.0041261	1.306090	.0420464	.7112870
#2	3.980274	240.4988	.0587281	.0035147	1.255333	.0362262	.7173771
#3	4.016645	242.6901	.0586272	.0059134	1.565651	.0387521	.7032215

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.277872	1.902221	.0472135	.0017044	4.993637	5.790420	.0906193
Stddev	.151522	.008364	.0002469	.0002889	.024198	.047179	.0007510
%RSD	4.622588	.4397011	.5228903	16.94751	.4845771	.8147741	.8287504
#1	3.349434	1.911124	.0470097	.0016659	5.019745	5.809267	.0897646
#2	3.103822	1.901011	.0471429	.0014367	4.989205	5.736731	.0909193
#3	3.380359	1.894528	.0474880	.0020105	4.971962	5.825262	.0911739

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-18DLX2 Acquired: 12/21/2024 8:23:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3611508	.3684895	.0490050
Stddev	.0028223	.0019995	.0045499
%RSD	.7814712	.5426112	9.284607
#1	.3579183	.3663336	.0443002
#2	.3624084	.3688520	.0493323
#3	.3631256	.3702829	.0533824

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1775.395	22170.03	2352.264	1515.333	1808.229
Stddev	1.227	90.55	22.890	5.743	2.638
%RSD	.0690977	.4084248	.9731252	.3789785	.1459003
#1	1776.367	22080.73	2337.189	1508.738	1808.282
#2	1775.803	22261.77	2378.604	1518.032	1805.565
#3	1774.017	22167.58	2340.999	1519.229	1810.840

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-20DLX2 Acquired: 12/21/2024 8:27:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334775	-.006357	.6891220	.0127632	.0034694	53.69024	.4328983
Stddev	.0023706	.004906	.0027670	.0062028	.0020083	1.04396	.0076692
%RSD	7.081065	77.17405	.4015293	48.59891	57.88499	1.944413	1.771601
#1	.0310719	-.002135	.6861034	.0186625	.0051000	53.85523	.4340014
#2	.0335491	-.005197	.6897245	.0062960	.0012262	52.57361	.4247373
#3	.0358114	-.011739	.6915382	.0133310	.0040821	54.64188	.4399563

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052726	.0057672	496.4459	.0884516	.0920168	1.813793	97.60176
Stddev	.0000625	.0000912	8.2161	.0007708	.0010898	.028210	1.83948
%RSD	1.184724	1.581115	1.654994	.8714620	1.184308	1.555296	1.884682
#1	.0052011	.0057186	497.5168	.0880283	.0919650	1.821112	97.89748
#2	.0053165	.0058724	487.7468	.0879852	.0931315	1.782645	95.63234
#3	.0053002	.0057106	504.0741	.0893413	.0909538	1.837623	99.27547

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.813794	166.3581	.0887369	.0080340	2.321204	.1085320	2.391989
Stddev	.052176	2.8882	.0006501	.0012763	1.015957	.0050599	.034101
%RSD	1.854278	1.736132	.7326448	15.88647	43.76852	4.662174	1.425626
#1	2.816368	166.6460	.0894322	.0095077	2.055630	.1029084	2.358474
#2	2.760379	163.3367	.0881441	.0072862	1.464410	.1127166	2.426646
#3	2.864635	169.0915	.0886345	.0073080	3.443572	.1099710	2.390846

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.029359	1.833901	.0672575	.0064760	5.322702	10.37289	.1644950
Stddev	.113938	.007745	.0012297	.0004107	.022472	.21206	.0009412
%RSD	1.889725	.4223025	1.828407	6.341351	.4221944	2.044340	.5721553
#1	5.980464	1.828837	.0682801	.0069160	5.344774	10.50792	.1638374
#2	5.948030	1.830049	.0658930	.0061029	5.299850	10.12848	.1640745
#3	6.159584	1.842816	.0675995	.0064090	5.323481	10.48228	.1655731

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4980-20DLX2 Acquired: 12/21/2024 8:27:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJB3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.170490	.4969370	.0874355
Stddev	.018300	.0092638	.0018393
%RSD	1.563436	1.864179	2.103581
#1	1.177186	.4981344	.0858294
#2	1.149786	.4871328	.0870350
#3	1.184499	.5055439	.0894420

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1792.374	22264.44	2391.162	1522.757	1848.382
Stddev	1.791	92.26	43.746	11.563	4.204
%RSD	.0999077	.4143981	1.829483	.7593790	.2274458
#1	1793.226	22369.88	2369.505	1535.661	1847.349
#2	1793.580	22198.53	2441.512	1519.279	1853.006
#3	1790.316	22224.90	2362.469	1513.332	1844.791

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-02DLX2 Acquired: 12/21/2024 8:31:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ34 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1600958	.0002190	1.655299	.0229792	.0032513	23.79210	1.890736
Stddev	.0027454	.0023677	.000207	.0055596	.0013198	.48227	.039364
%RSD	1.714858	1081.194	.0125270	24.19409	40.59306	2.026999	2.081940
#1	.1632587	-.000562	1.655452	.0266664	.0037198	23.43505	1.861576
#2	.1583285	-.001660	1.655382	.0165845	.0042730	24.34072	1.935512
#3	.1587003	.002878	1.655063	.0256867	.0017612	23.60054	1.875119

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036822	.0071393	633.3743	.0543887	.0679250	.1479134	95.81422
Stddev	.0001367	.0000676	11.6022	.0003936	.0006733	.0078723	1.86685
%RSD	3.711591	.9471560	1.831808	.7236841	.9911814	5.322218	1.948404
#1	.0038291	.0070672	626.1656	.0539347	.0672138	.1388556	94.33215
#2	.0036586	.0072013	646.7581	.0546331	.0680089	.1517790	97.91088
#3	.0035588	.0071494	627.1994	.0545984	.0685524	.1531056	95.19963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.082040	135.8732	.0885063	.0080056	.6441487	.0703569	2.013600
Stddev	.107889	2.8049	.0007168	.0012648	1.096135	.0036807	.031350
%RSD	2.122938	2.064322	.8098806	15.79837	170.1679	5.231528	1.556894
#1	4.999799	133.7706	.0877733	.0065521	.168357	.0692251	2.016353
#2	5.204199	139.0580	.0892057	.0088550	1.897784	.0744706	2.043484
#3	5.042121	134.7911	.0885401	.0086096	-.133695	.0673749	1.980966

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.940117	3.508129	.0550514	.0047801	5.859543	5.906169	.0529420
Stddev	.062547	.008817	.0024988	.0004209	.010855	.108940	.0007813
%RSD	1.587430	.2513237	4.539028	8.804270	.1852617	1.844510	1.475857
#1	3.924633	3.503979	.0521680	.0045036	5.860158	5.847240	.0523592
#2	4.008952	3.502153	.0565847	.0052644	5.870078	6.031881	.0538299
#3	3.886767	3.518255	.0564016	.0045722	5.848393	5.839387	.0526370

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-02DLX2 Acquired: 12/21/2024 8:31:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ34 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4826823	.3700962	.0411447
Stddev	.0071886	.0082908	.0008039
%RSD	1.489307	2.240172	1.953919
#1	.4776088	.3638592	.0415768
#2	.4909086	.3795046	.0402171
#3	.4795294	.3669250	.0416402

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.800	22578.74	2404.853	1541.482	1849.686
Stddev	4.010	129.16	39.700	8.869	1.738
%RSD	.2190300	.5720479	1.650835	.5753810	.0939740
#1	1835.046	22702.64	2427.301	1548.734	1851.496
#2	1827.077	22444.89	2359.014	1531.593	1849.530
#3	1830.278	22588.69	2428.244	1544.118	1848.030

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-03DLX2 Acquired: 12/21/2024 8:35:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ35 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1727827	-.004685	1.777353	.0251823	.0033214	26.50690	.5401230
Stddev	.0026666	.002049	.002315	.0016480	.0029667	.11701	.0007431
%RSD	1.543312	43.74566	.1302248	6.544234	89.32210	.4414157	.1375787
#1	.1734529	-.002326	1.777111	.0265492	.0012829	26.40071	.5392762
#2	.1750503	-.006028	1.775169	.0256456	.0067249	26.48766	.5404263
#3	.1698450	-.005701	1.779779	.0233523	.0019564	26.63233	.5406664

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0041855	.0088715	705.4390	.0559957	.0727331	.1602754	101.0607
Stddev	.0000887	.0000861	2.6983	.0005218	.0006845	.0021743	.3884
%RSD	2.119670	.9709585	.3824977	.9318130	.9411198	1.356603	.3843289
#1	.0040932	.0087915	702.9799	.0565626	.0730312	.1578727	100.7713
#2	.0041932	.0089627	705.0118	.0555356	.0719501	.1621074	100.9086
#3	.0042701	.0088604	708.3255	.0558889	.0732180	.1608462	101.5021

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.080254	146.5704	.0971243	.0072631	1.437157	.0739090	2.306949
Stddev	.012593	.3357	.0003542	.0007323	.802797	.0016321	.011320
%RSD	.2478717	.2290295	.3646980	10.08186	55.86010	2.208272	.4906859
#1	5.069991	146.6501	.0967348	.0080996	1.444114	.0745508	2.308069
#2	5.076465	146.2020	.0974271	.0069518	2.236454	.0720535	2.317667
#3	5.094306	146.8591	.0972110	.0067380	.630904	.0751226	2.295111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.596131	3.447946	.0560728	.0050031	6.246162	5.582361	.0405373
Stddev	.089999	.012221	.0017018	.0003377	.020072	.010696	.0017557
%RSD	2.502666	.3544494	3.034948	6.750242	.3213506	.1916006	4.331084
#1	3.567434	3.453517	.0541908	.0053918	6.249607	5.589576	.0393540
#2	3.523981	3.433932	.0575032	.0048359	6.224590	5.570073	.0425545
#3	3.696980	3.456390	.0565245	.0047815	6.264288	5.587434	.0397034

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-03DLX2 Acquired: 12/21/2024 8:35:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ35 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5440513	.3810650	.0533126
Stddev	.0019157	.0017003	.0037897
%RSD	.3521169	.4462030	7.108507
#1	.5422686	.3792761	.0553897
#2	.5438084	.3812586	.0556096
#3	.5460768	.3826602	.0489385

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1842.467	22882.21	2424.891	1563.766	1834.782
Stddev	1.429	105.45	13.565	6.457	2.234
%RSD	.0775593	.4608456	.5594047	.4129167	.1217750
#1	1841.051	22788.71	2410.693	1557.070	1832.619
#2	1842.442	22861.41	2426.264	1564.275	1837.081
#3	1843.909	22996.51	2437.718	1569.954	1834.646

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-04DLX2 Acquired: 12/21/2024 8:39:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ36 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2752845	-.028143	2.311633	.0556168	.0148188	36.73632	.6793779
Stddev	.0049572	.002442	.002099	.0007851	.0012650	.26964	.0018632
%RSD	1.800760	8.678100	.0907904	1.411597	8.536397	.7339872	.2742485
#1	.2782209	-.025692	2.312585	.0561256	.0133909	36.48084	.6783842
#2	.2695611	-.028159	2.309227	.0560123	.0157991	36.70995	.6782222
#3	.2780716	-.030577	2.313087	.0547127	.0152664	37.01818	.6815273

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0055950	.0182236	540.6583	.0924019	.0836768	.2209142	147.1783
Stddev	.0001693	.0000616	2.6417	.0004766	.0003854	.0089023	.4924
%RSD	3.026503	.3380094	.4886135	.5157984	.4605327	4.029757	.3345887
#1	.0057846	.0182097	538.0869	.0927664	.0839173	.2139287	146.7251
#2	.0054589	.0181701	540.5228	.0918626	.0832324	.2178760	147.1075
#3	.0055416	.0182909	543.3651	.0925768	.0838809	.2309379	147.7023

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.272734	248.9556	.1424305	.0112960	1.384241	.1075455	4.470497
Stddev	.043246	.8908	.0007280	.0002665	.177947	.0086491	.019831
%RSD	.5946294	.3578322	.5111137	2.358894	12.85522	8.042293	.4435967
#1	7.233666	248.2549	.1428665	.0110591	1.279478	.1119467	4.465815
#2	7.265334	248.6539	.1415901	.0112446	1.283542	.0975809	4.453425
#3	7.319203	249.9582	.1428350	.0115845	1.589703	.1131088	4.492249

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.728102	3.633924	.0709204	.0082397	8.171400	4.844729	.0550141
Stddev	.078816	.002685	.0028159	.0001977	.007175	.007758	.0036971
%RSD	1.666974	.0738849	3.970563	2.398801	.0878081	.1601278	6.720309
#1	4.751311	3.631537	.0680272	.0084334	8.170166	4.837811	.0511197
#2	4.792708	3.633404	.0710818	.0082475	8.164922	4.843260	.0584759
#3	4.640287	3.636831	.0736522	.0080383	8.179112	4.853116	.0554465

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-04DLX2 Acquired: 12/21/2024 8:39:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ36 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6554930	.2135061	.0717251
Stddev	.0017356	.0019463	.0038194
%RSD	.2647808	.9115954	5.325046
#1	.6553283	.2120560	.0680515
#2	.6538456	.2127442	.0756752
#3	.6573051	.2157181	.0714486

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1853.347	22946.39	2442.148	1564.670	1830.683
Stddev	3.052	39.13	.354	5.327	2.607
%RSD	.1646890	.1705337	.0144777	.3404855	.1424225
#1	1849.897	22926.82	2442.531	1563.012	1829.291
#2	1854.449	22920.89	2441.833	1570.629	1833.691
#3	1855.695	22991.44	2442.081	1560.369	1829.067

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-05DLX2 Acquired: 12/21/2024 8:42:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ37 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0943704	.0146013	.9800286	-.002066	-.008430	15.28771
Stddev	.0021003	.0011591	.0023634	.001987	.002975	.02997
%RSD	2.225588	7.938058	.2411585	96.20366	35.28834	.1960259
#1	.0964431	.0133033	.9826984	-.001011	-.005052	15.26660
#2	.0922436	.0155328	.9782039	-.004358	-.009576	15.27453
#3	.0944244	.0149679	.9791835	-.000828	-.010661	15.32201

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3698143	.0025547	.0054235	F 851.6864	.0335740	.0663937
Stddev	.0029460	.0000941	.0000801	.9965	.0002884	.0001365
%RSD	.7966197	3.682847	1.477363	.1170021	.8591554	.2055241
#1	.3691064	.0024880	.0054871	851.4767	.0333066	.0662466
#2	.3672867	.0025139	.0054498	850.8113	.0338797	.0664186
#3	.3730498	.0026623	.0053335	852.7710	.0335357	.0665160

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1188249	63.61076	5.752790	100.4261	.0646346	.0058327
Stddev	.0113447	.13408	.008813	.2925	.0009950	.0006297
%RSD	9.547369	.2107890	.1531882	.2912596	1.539502	10.79697
#1	.1163783	63.60326	5.760226	100.6889	.0635003	.0064361
#2	.1311932	63.48059	5.743056	100.1110	.0653605	.0058824
#3	.1089031	63.74844	5.755087	100.4785	.0650430	.0051795

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.139090	.0587523	2.009450	1.549520	1.666926	.0297951
Stddev	.964918	.0089585	.024094	.141154	.003675	.0020460
%RSD	84.70957	15.24798	1.199051	9.109518	.2204605	6.867050
#1	.087227	.0665027	2.032131	1.525435	1.667391	.0276480
#2	1.983227	.0608105	2.012064	1.701166	1.663041	.0317223
#3	1.346815	.0489438	1.984155	1.421958	1.670347	.0300151

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-05DLX2 Acquired: 12/21/2024 8:42:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ37 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040555	2.072238	4.231144	.0185026	.2989183	.4605460
Stddev	.0002311	.011135	.019321	.0019946	.0021451	.0014247
%RSD	5.697118	.5373432	.4566365	10.78024	.7176295	.3093537
#1	.0038792	2.080918	4.237368	.0184697	.2991064	.4599587
#2	.0043171	2.059683	4.209478	.0165247	.2966854	.4595089
#3	.0039703	2.076113	4.246586	.0205135	.3009632	.4621705

Elem	Li6707
Units	ppm
Avg	.0388065
Stddev	.0043225
%RSD	11.13867
#1	.0428536
#2	.0342531
#3	.0393128

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1795.566	22234.08	2367.444	1521.072	1828.701
Stddev	3.342	19.25	10.339	6.686	6.112
%RSD	.1861039	.0865704	.4367278	.4395793	.3342130
#1	1794.240	22250.12	2365.641	1514.490	1827.222
#2	1799.367	22239.38	2378.566	1527.858	1835.417
#3	1793.091	22212.74	2358.125	1520.867	1823.465

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-06DLX2 Acquired: 12/21/2024 8:46:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0903345	.0059606	2.992813	.0100172	-.001531	30.99322	.6871733
Stddev	.0052608	.0042388	.010158	.0020841	.000516	.05549	.0006006
%RSD	5.823704	71.11236	.3394129	20.80509	33.69800	.1790302	.0874056
#1	.0848689	.0068680	2.983582	.0118627	-.001703	31.04730	.6875567
#2	.0953633	.0013417	2.991163	.0077569	-.000951	30.99593	.6864811
#3	.0907713	.0096723	3.003696	.0104321	-.001939	30.93643	.6874822

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0037502	.0026448	699.1898	.0403020	.0750058	.1250105	74.72847
Stddev	.0000708	.0001341	2.0438	.0009327	.0003634	.0094833	.08899
%RSD	1.888168	5.070681	.2923056	2.314409	.4845047	7.585975	.1190823
#1	.0036760	.0024967	701.4355	.0400550	.0751998	.1350179	74.77973
#2	.0037573	.0027579	697.4386	.0413335	.0745866	.1238567	74.77996
#3	.0038171	.0026800	698.6954	.0395177	.0752310	.1161570	74.62571

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.527008	47.34351	.0620097	.0056203	1.557198	.0849149	.6940698
Stddev	.026967	.11896	.0010243	.0003559	.176494	.0030828	.0160097
%RSD	.4131652	.2512686	1.651847	6.333009	11.33407	3.630450	2.306645
#1	6.554565	47.45595	.0625525	.0060289	1.744721	.0821229	.6891628
#2	6.525788	47.21896	.0626484	.0054538	1.394324	.0882233	.7119588
#3	6.500672	47.35563	.0608283	.0053781	1.532550	.0843984	.6810880

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.103907	3.079491	.0346076	.0030118	1.292530	5.578717	.0199329
Stddev	.013231	.008872	.0024077	.0004771	.011790	.035761	.0006297
%RSD	.6288925	.2881099	6.957141	15.84166	.9121408	.6410312	3.159276
#1	2.117987	3.070235	.0337641	.0033430	1.294067	5.618284	.0199341
#2	2.102003	3.080314	.0327352	.0024649	1.280047	5.548702	.0205621
#3	2.091731	3.087923	.0373236	.0032275	1.303475	5.569164	.0193026

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-06DLX2 Acquired: 12/21/2024 8:46:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ38 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8048777	.5529672	.0707048
Stddev	.0031972	.0006122	.0011920
%RSD	.3972266	.1107080	1.685875
#1	.8072967	.5536458	.0693539
#2	.8060834	.5527990	.0716087
#3	.8012529	.5524566	.0711517

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.125	23654.78	2506.020	1621.286	1885.936
Stddev	1.827	114.16	24.801	11.273	1.972
%RSD	.0959140	.4826118	.9896425	.6953379	.1045504
#1	1904.783	23556.16	2478.404	1616.678	1887.912
#2	1907.099	23628.32	2513.265	1613.046	1885.927
#3	1903.493	23779.84	2526.391	1634.134	1883.969

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-08DLX2 Acquired: 12/21/2024 8:50:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ40 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0387355	.0118087	4.882273	.0041237	-.003980	25.72028	.5735563
Stddev	.0046306	.0063674	.007807	.0025193	.001480	.19210	.0054669
%RSD	11.95453	53.92133	.1599051	61.09304	37.17748	.7468938	.9531580
#1	.0347781	.0133052	4.886869	.0056724	-.002463	25.59207	.5724358
#2	.0438282	.0172946	4.873259	.0054819	-.004057	25.62761	.5687364
#3	.0376001	.0048263	4.886691	.0012167	-.005420	25.94115	.5794966

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025931	.0016205	496.2324	.0356409	.0676733	.0725527	66.58639
Stddev	.0000697	.0000411	2.5583	.0005464	.0004425	.0060896	.44002
%RSD	2.686571	2.538140	.5155492	1.532965	.6539103	8.393331	.6608218
#1	.0026035	.0016600	494.9469	.0362251	.0672446	.0728235	66.61527
#2	.0025189	.0016235	494.5718	.0351425	.0676467	.0663323	66.13264
#3	.0026571	.0015779	499.1786	.0355552	.0681285	.0785024	67.01125

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.020795	22.15099	.0475245	.0053742	1.343022	.0593658	.2373941
Stddev	.035784	.18509	.0007261	.0008615	.269572	.0106697	.0073413
%RSD	.5096835	.8355933	1.527800	16.03106	20.07204	17.97280	3.092449
#1	7.004129	22.13022	.0466943	.0057350	1.243227	.0607507	.2300269
#2	6.996385	21.97716	.0478385	.0059967	1.137576	.0480713	.2374463
#3	7.061872	22.34559	.0480408	.0043909	1.648261	.0692755	.2447092

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.857801	2.151216	.0293036	.0026763	.7118254	5.168318	.0086315
Stddev	.049011	.002630	.0023676	.0003964	.0091714	.038409	.0014927
%RSD	2.638119	.1222793	8.079696	14.80990	1.288432	.7431662	17.29406
#1	1.801998	2.151552	.0319311	.0023022	.7053664	5.212136	.0071353
#2	1.877540	2.148433	.0273355	.0026349	.7223230	5.152344	.0101207
#3	1.893864	2.153662	.0286443	.0030917	.7077868	5.140474	.0086384

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-08DLX2 Acquired: 12/21/2024 8:50:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ40 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4514580	.3614204	.0509372
Stddev	.0038028	.0016256	.0036924
%RSD	.8423267	.4497833	7.248980
#1	.4487219	.3608660	.0481729
#2	.4498517	.3601445	.0495081
#3	.4558003	.3632507	.0551305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1905.324	23509.95	2471.387	1614.172	1931.839
Stddev	5.322	131.43	10.613	12.015	8.350
%RSD	.2793234	.5590297	.4294201	.7443310	.4322522
#1	1899.424	23555.26	2460.969	1619.868	1922.725
#2	1909.762	23612.72	2482.184	1622.280	1939.121
#3	1906.785	23361.86	2471.007	1600.369	1933.672

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-15DLX2 Acquired: 12/21/2024 8:54:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101732	.0185287	.0472496	-.005129	-.009738	18.21758
Stddev	.0049092	.0038915	.0016514	.001245	.002233	.05482
%RSD	48.25622	21.00279	3.494960	24.27123	22.92809	.3009399
#1	.0095074	.0227053	.0454309	-.004546	-.010705	18.25113
#2	.0056308	.0150048	.0486550	-.004283	-.007185	18.24729
#3	.0153813	.0178758	.0476629	-.006559	-.011324	18.15431

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2987627	.0018192	.0009566	F 872.0087	.0261384	.0675726
Stddev	.0013829	.0002137	.0000830	3.9200	.0003249	.0003797
%RSD	.4628851	11.74717	8.681357	.4495394	1.243144	.5618569
#1	.3002553	.0017105	.0010519	870.7337	.0259908	.0677197
#2	.2985077	.0020654	.0009186	876.4074	.0259135	.0678566
#3	.2975250	.0016816	.0008994	868.8848	.0265109	.0671414

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0716470	58.20290	7.765923	38.04554	.0511201	.0058052
Stddev	.0119284	.13981	.021547	.09665	.0007367	.0003942
%RSD	16.64881	.2402032	.2774540	.2540358	1.441149	6.790535
#1	.0651037	58.35731	7.787401	38.00261	.0517592	.0054720
#2	.0644222	58.16649	7.766062	37.97780	.0512867	.0057032
#3	.0854151	58.08490	7.744308	38.15622	.0503144	.0062403

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9903804	.0370747	.0890766	1.597687	2.371216	.0285621
Stddev	.8862003	.0075159	.0149688	.098972	.011737	.0027375
%RSD	89.48079	20.27240	16.80440	6.194696	.4949835	9.584278
#1	1.328164	.0358433	.0882506	1.518584	2.383474	.0262905
#2	1.658016	.0302506	.1044413	1.565808	2.370093	.0277943
#3	-.015038	.0451304	.0745379	1.708670	2.360081	.0316014

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-15DLX2 Acquired: 12/21/2024 8:54:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJE9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000669	.6029286	4.426755	.0026383	.3075850	.4863813
Stddev	.0003308	.0047518	.060425	.0010934	.0030367	.0001550
%RSD	494.7062	.7881208	1.364993	41.44299	.9872644	.0318704
#1	-.000246	.5975166	4.457038	.0033150	.3079641	.4863282
#2	.000033	.6048520	4.357177	.0013769	.3104142	.4865559
#3	.000413	.6064172	4.466050	.0032232	.3043765	.4862599

Elem	Li6707
Units	ppm
Avg	.0351629
Stddev	.0054593
%RSD	15.52560
#1	.0392470
#2	.0289623
#3	.0372794

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.241	22704.81	2420.744	1565.075	1867.773
Stddev	2.185	237.31	7.920	18.620	3.241
%RSD	.1194102	1.045219	.3271855	1.189717	.1735361
#1	1832.032	22430.93	2416.507	1545.000	1868.894
#2	1827.806	22834.05	2429.882	1581.780	1864.121
#3	1830.886	22849.46	2415.843	1568.445	1870.306

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-16DLX2 Acquired: 12/21/2024 8:58:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0224824	.0252228	.2039660	-.005339	-.007075	20.79696
Stddev	.0062797	.0060210	.0053601	.003497	.003405	.12719
%RSD	27.93188	23.87144	2.627943	65.49692	48.12583	.6115574
#1	.0205063	.0268680	.1978322	-.007809	-.003401	20.89371
#2	.0174284	.0185501	.2063166	-.001338	-.010125	20.65290
#3	.0295125	.0302501	.2077492	-.006872	-.007698	20.84426

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3529594	.0019725	.0018854	F 1295.686	.0273828	.0794040
Stddev	.0018375	.0000185	.0000741	15.475	.0006661	.0004660
%RSD	.5206066	.9373671	3.929247	1.194326	2.432406	.5868964
#1	.3549890	.0019526	.0019611	1280.191	.0270731	.0789231
#2	.3514089	.0019892	.0018130	1295.726	.0269279	.0798535
#3	.3524802	.0019756	.0018822	1311.141	.0281473	.0794355

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0717177	67.74435	11.08212	55.52695	.0556912	.0057074
Stddev	.0076466	.35983	.07087	.37593	.0007600	.0017268
%RSD	10.66214	.5311534	.6395100	.6770196	1.364689	30.25502
#1	.0717795	68.07507	11.15776	55.92940	.0557347	.0037172
#2	.0640404	67.36118	11.01725	55.18485	.0564285	.0068078
#3	.0793333	67.79681	11.07134	55.46659	.0549103	.0065971

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350285	.0433093	.1670434	1.867249	2.867094	.0306849
Stddev	.793770	.0072425	.0182730	.186660	.004606	.0014110
%RSD	58.78539	16.72271	10.93909	9.996500	.1606434	4.598415
#1	2.266822	.0440181	.1755138	1.967119	2.864157	.0291504
#2	.898381	.0357384	.1795442	1.651902	2.872403	.0319264
#3	.885651	.0501713	.1460722	1.982727	2.864724	.0309779

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4982-16DLX2 Acquired: 12/21/2024 8:58:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000163	.8253035	4.665554	.0126646	.3503269	.6644495
Stddev	.000154	.0061010	.054716	.0014987	.0006993	.0031644
%RSD	94.59369	.7392475	1.172772	11.83371	.1996010	.4762391
#1	.000006	.8319172	4.728490	.0137297	.3502863	.6672870
#2	-.000199	.8240984	4.638905	.0133133	.3510456	.6610371
#3	-.000295	.8198950	4.629268	.0109509	.3496489	.6650242

Elem	Li6707
Units	ppm
Avg	.0429920
Stddev	.0051236
%RSD	11.91759
#1	.0376476
#2	.0434665
#3	.0478619

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1848.554	22874.79	2483.909	1569.584	1790.576
Stddev	4.053	90.51	16.418	7.530	1.543
%RSD	.2192616	.3956947	.6609764	.4797747	.0861471
#1	1844.004	22968.50	2465.004	1573.525	1790.686
#2	1849.877	22868.01	2494.588	1574.326	1788.982
#3	1851.780	22787.86	2492.135	1560.901	1792.061

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4983-20DLX10 Acquired: 12/21/2024 9:02:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009876	.0380076	.0903176	-.027285	-.018974	10.69046
Stddev	.0018393	.0028636	.0011607	.002094	.002163	.17727
%RSD	186.2445	7.534412	1.285141	7.672937	11.40098	1.658169
#1	.0015824	.0408084	.0901806	-.026932	-.018064	10.52857
#2	-.001076	.0350849	.0915408	-.025390	-.017414	10.87988
#3	.002456	.0381293	.0892315	-.029533	-.021443	10.66294

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1363892	.0010945	.0016064	F 1618.164	.0184345	.0669404
Stddev	.0017794	.0001825	.0000772	16.987	.0004664	.0007296
%RSD	1.304687	16.66989	4.802589	1.049793	2.530178	1.089930
#1	.1361222	.0008978	.0015228	1599.143	.0181611	.0673497
#2	.1382870	.0012582	.0016749	1623.524	.0189730	.0660981
#3	.1347583	.0011276	.0016213	1631.824	.0181693	.0673735

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0697584	38.37501	7.361363	107.3490	.0343699	.0040692
Stddev	.0059087	.61260	.113731	1.5310	.0014698	.0024357
%RSD	8.470192	1.596353	1.544975	1.426167	4.276514	59.85657
#1	.0755563	37.83721	7.253920	105.9269	.0351319	.0013522
#2	.0699740	39.04185	7.480482	108.9695	.0353023	.0060569
#3	.0637449	38.24598	7.349686	107.1506	.0326756	.0047984

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.775324	.0243299	.2324014	1.610599	1.802825	.0411064
Stddev	.238342	.0025203	.0047010	.093177	.012481	.0015370
%RSD	13.42527	10.35872	2.022790	5.785243	.6923272	3.739064
#1	1.785948	.0271813	.2274608	1.560391	1.813866	.0393408
#2	2.008176	.0234082	.2368191	1.553294	1.805326	.0418326
#3	1.531847	.0224003	.2329243	1.718113	1.789282	.0421457

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4983-20DLX10 Acquired: 12/21/2024 9:02:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001712	2.194104	5.172388	.0064367	.1346566	1.254806
Stddev	.000308	.023354	.068833	.0009539	.0066387	.018662
%RSD	17.98499	1.064381	1.330775	14.81965	4.930067	1.487220
#1	-.001693	2.216605	5.165036	.0055315	.1413425	1.238322
#2	-.001414	2.195727	5.244602	.0063459	.1345612	1.275067
#3	-.002029	2.169982	5.107526	.0074328	.1280662	1.251029

Elem	Li6707
Units	ppm
Avg	.0366809
Stddev	.0061731
%RSD	16.82909
#1	.0315344
#2	.0349831
#3	.0435251

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1744.692	21811.17	2347.224	1486.714	1721.371
Stddev	5.197	194.38	20.341	11.158	5.788
%RSD	.2978529	.8911992	.8666077	.7505396	.3362473
#1	1741.841	21700.23	2356.666	1484.606	1716.501
#2	1750.690	21697.66	2323.878	1476.759	1727.770
#3	1741.545	22035.62	2361.129	1498.776	1719.842

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4984-06DLX2 Acquired: 12/21/2024 9:06:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0292797	-.000839	.0738756	.0093908	.0005516	36.26659	.2743446
Stddev	.0030705	.001726	.0035538	.0043434	.0027447	.10934	.0026874
%RSD	10.48672	205.6067	4.810535	46.25139	497.5923	.3014877	.9795838
#1	.0319436	-.002592	.0700383	.0056353	-.002404	36.14795	.2754476
#2	.0299740	-.000785	.0745349	.0141473	.001038	36.28851	.2712812
#3	.0259215	.000859	.0770536	.0083898	.003021	36.36331	.2763051

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032010	.0017982	488.2898	.0576617	.0778134	.1021788	84.20066
Stddev	.0000770	.0000590	1.1968	.0006364	.0003085	.0030761	.21999
%RSD	2.405711	3.280863	.2451055	1.103633	.3964790	3.010515	.2612693
#1	.0032324	.0018265	486.9864	.0569513	.0781697	.0991431	83.96715
#2	.0031132	.0017304	488.5435	.0581796	.0776363	.1052938	84.23080
#3	.0032573	.0018377	489.3393	.0578541	.0776343	.1020995	84.40402

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.553782	112.8347	.0888941	.0068551	1.852546	.0895363	.2161173
Stddev	.014889	.2857	.0007457	.0004886	.942257	.0016665	.0054084
%RSD	.2680851	.2531716	.8389188	7.127281	50.86282	1.861264	2.502510
#1	5.536998	112.5386	.0893396	.0074101	2.767550	.0901181	.2186812
#2	5.565400	113.1087	.0880332	.0064898	1.904874	.0876569	.2099038
#3	5.558948	112.8570	.0893096	.0066654	.885216	.0908339	.2197670

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.470632	3.895570	.0327210	.0025978	.5981895	4.770151	.0047142
Stddev	.107085	.003595	.0041643	.0007042	.0099596	.041278	.0013410
%RSD	2.395305	.0922884	12.72663	27.10634	1.664951	.8653324	28.44590
#1	4.347474	3.891570	.0279478	.0033695	.6019630	4.816821	.0049585
#2	4.541767	3.896611	.0346040	.0024338	.5868946	4.738433	.0032678
#3	4.522656	3.898530	.0356112	.0019901	.6057109	4.755200	.0059162

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4984-06DLX2 Acquired: 12/21/2024 9:06:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7856442	.3775725	.0828652
Stddev	.0074643	.0012428	.0038842
%RSD	.9500841	.3291672	4.687318
#1	.7773855	.3761871	.0785352
#2	.7876378	.3779411	.0840177
#3	.7919092	.3785894	.0860427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1888.909	23533.64	2481.163	1606.892	1878.933
Stddev	4.966	156.48	21.950	4.580	4.904
%RSD	.2629223	.6649058	.8846484	.2849958	.2609907
#1	1893.841	23640.20	2471.672	1611.770	1882.271
#2	1883.909	23606.71	2506.261	1606.221	1873.303
#3	1888.978	23353.99	2465.556	1602.685	1881.225

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4984-07DLX2 Acquired: 12/21/2024 9:10:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154742	-.011760	.0386297	.0134935	.0027855	41.67667	.4278609
Stddev	.0058972	.006460	.0020114	.0050403	.0014567	.95614	.0100054
%RSD	38.11026	54.93717	5.206822	37.35390	52.29629	2.294177	2.338474
#1	.0222818	-.011929	.0372420	.0083678	.0012756	40.62628	.4167967
#2	.0119285	-.018134	.0377107	.0136687	.0041825	42.49634	.4362733
#3	.0122123	-.005216	.0409364	.0184439	.0028985	41.90738	.4305127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053169	.0029779	737.6374	.0823487	.0815455	.0260354	101.8177
Stddev	.0000158	.0001500	17.8817	.0011907	.0002335	.0008460	2.3887
%RSD	.2971758	5.038480	2.424185	1.445942	.2863515	3.249492	2.346072
#1	.0053118	.0031175	718.7445	.0826637	.0816390	.0254519	99.2672
#2	.0053043	.0028192	754.2983	.0810322	.0812798	.0256485	104.0025
#3	.0053346	.0029968	739.8694	.0833502	.0817179	.0270056	102.1834

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.789919	26.19933	.1090639	.0069739	1.626203	.0787086	.1734832
Stddev	.072469	.56555	.0006245	.0002293	.314316	.0079572	.0056977
%RSD	2.597531	2.158653	.5726120	3.288425	19.32821	10.10969	3.284267
#1	2.710987	25.57947	.1095503	.0067661	1.947461	.0701545	.1775788
#2	2.853449	26.68724	.1092817	.0069355	1.319323	.0858904	.1758944
#3	2.805320	26.33127	.1083596	.0072199	1.611825	.0800810	.1669764

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.867977	1.692385	.0604502	.0001279	.5818191	4.879775	.0078626
Stddev	.329425	.004956	.0009460	.0004318	.0003647	.063257	.0003438
%RSD	3.338327	.2928635	1.564864	337.4438	.0626841	1.296310	4.372671
#1	9.513051	1.698060	.0594605	.0000160	.5822403	4.818111	.0081955
#2	9.926943	1.690191	.0613454	-.000237	.5816090	4.944513	.0075088
#3	10.16394	1.688905	.0605447	.000605	.5816082	4.876701	.0078836

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4984-07DLX2 Acquired: 12/21/2024 9:10:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9446954	.2574854	.1060463
Stddev	.0268937	.0062937	.0033243
%RSD	2.846814	2.444306	3.134756
#1	.9160269	.2510561	.1028143
#2	.9693670	.2636342	.1094558
#3	.9486924	.2577658	.1058688

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1851.751	22928.72	2440.831	1574.408	1886.951
Stddev	3.308	165.28	47.893	5.875	2.737
%RSD	.1786353	.7208320	1.962172	.3731797	.1450737
#1	1848.020	23118.46	2492.693	1580.532	1883.802
#2	1852.906	22816.10	2398.271	1568.817	1888.760
#3	1854.326	22851.60	2431.529	1573.874	1888.291

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV091 Acquired: 12/21/2024 9:14:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.790308	4.686821	24.36523	4.718198	4.716292	401.4660	10.04971
Stddev	.019568	.011426	.04234	.006551	.003750	1.7764	.04577
%RSD	.4084878	.2437869	.1737847	.1388467	.0795070	.4424881	.4554324
#1	4.811750	4.681673	24.40312	4.722895	4.712396	403.3619	10.09343
#2	4.785760	4.678875	24.31952	4.710714	4.716605	399.8398	10.00214
#3	4.773416	4.699915	24.37305	4.720984	4.719876	401.1965	10.05357

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5050873	2.456545	400.9795	15.30536	2.439299	14.96032	400.7878
Stddev	.0027646	.003785	2.2365	.03842	.006327	.09837	2.2321
%RSD	.5473565	.1540878	.5577595	.2510370	.2593646	.6575183	.5569389
#1	.5082720	2.459624	403.4905	15.31899	2.445089	15.06649	403.1752
#2	.5033039	2.452319	399.2015	15.33510	2.432546	14.87228	398.7528
#3	.5036861	2.457693	400.2463	15.26198	2.440261	14.94218	400.4355

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.74813	397.7479	2.458373	1.278211	397.3571	2.461417	14.88550
Stddev	.08385	1.7414	.004569	.001851	1.3997	.023868	.01590
%RSD	.5685766	.4378098	.1858508	.1447831	.3522542	.9696817	.1068063
#1	14.84223	399.2703	2.462267	1.280072	398.8537	2.488904	14.88691
#2	14.68132	395.8491	2.453343	1.278191	396.0804	2.445926	14.90064
#3	14.72084	398.1242	2.459509	1.276371	397.1372	2.449422	14.86894

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.5954	4.857194	4.907237	4.718989	4.782717	4.961661	4.820237
Stddev	.6937	.001491	.027133	.002065	.005001	.031227	.008820
%RSD	.4637119	.0306946	.5529124	.0437541	.1045579	.6293685	.1829879
#1	150.3350	4.857799	4.936086	4.719599	4.780045	4.995449	4.827726
#2	148.9593	4.855496	4.903396	4.716688	4.779620	4.955669	4.810515
#3	149.4919	4.858288	4.882230	4.720680	4.788486	4.933863	4.822471

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV091 Acquired: 12/21/2024 9:14:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV091 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.882023	4.739684	5.116865
Stddev	.017172	.026183	.020241
%RSD	.3517405	.5524151	.3955667
#1	4.901739	4.765399	5.138904
#2	4.870344	4.713057	5.099108
#3	4.873984	4.740595	5.112583

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1528.145	20188.38	2213.106	1281.072	1749.143
Stddev	3.192	64.13	17.438	4.813	1.568
%RSD	.2088524	.3176748	.7879641	.3756812	.0896503
#1	1531.751	20138.81	2193.102	1276.052	1750.793
#2	1525.684	20165.51	2221.115	1281.519	1748.965
#3	1526.999	20260.81	2225.101	1285.647	1747.672

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB091 Acquired: 12/21/2024 9:17:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0007041	.0042773	.0041039	.0029061	-.001529	.0031758
Stddev	.0021657	.0017502	.0043843	.0024714	.002260	.0200700
%RSD	307.5656	40.91769	106.8326	85.03935	147.8177	631.9765
#1	.0030828	.0045215	.0082147	.0030878	.001005	.0048998
#2	-.001154	.0024178	.0046073	.0003490	-.002256	.0223281
#3	.000183	.0058925	-.000510	.0052816	-.003336	-.017701

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019492	.0002752	.0002097	.0584131	-.000630	.0000850
Stddev	.0017295	.0000352	.0000680	.0489393	.000444	.0004047
%RSD	88.72933	12.80384	32.41432	83.78132	70.45832	476.0796
#1	.0005923	.0002869	.0002313	.0787569	-.001108	.0005406
#2	.0038966	.0002356	.0001336	.0938992	-.000232	-.000233
#3	.0013587	.0003032	.0002643	.0025832	-.000549	-.000053

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002609	.0366397	-.000078	.0639035	.0003037	.0003995
Stddev	.007034	.0328386	.001191	.0101657	.0008682	.0011022
%RSD	269.6653	89.62587	1528.217	15.90792	285.9041	275.9289
#1	-.008155	.0691713	-.000130	.0751281	.0007352	.0007487
#2	.005304	.0372454	-.001242	.0553168	-.000696	-.000835
#3	-.004974	.0035024	.001138	.0612655	.000871	.001285

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8578580	-.005871	.0049743	-.346782	-.005202	.0121611
Stddev	.3102189	.003924	.0090852	.135063	.002383	.0019563
%RSD	36.16203	66.83516	182.6410	38.94747	45.80902	16.08630
#1	1.002071	-.010174	.0012566	-.219971	-.007622	.0120080
#2	.501784	-.004946	-.001662	-.488808	-.002857	.0141894
#3	1.069720	-.002492	.015329	-.331568	-.005128	.0102859

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB091 Acquired: 12/21/2024 9:17:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0002686	-.008092	-.003417	F -.011443	.0033882	.0002017
Stddev	.0001331	.003102	.000535	.000115	.0014116	.0001717
%RSD	49.53931	38.33393	15.65481	1.004337	41.66280	85.11494
#1	.0001978	-.011570	-.003876	-.011554	.0022591	.0000838
#2	.0004221	-.005612	-.002830	-.011451	.0049709	.0001227
#3	.0001859	-.007094	-.003545	-.011325	.0029347	.0003987

Elem	Li6707
Units	ppm
Avg	F .0164506
Stddev	.0061718
%RSD	37.51727
#1	.0098599
#2	.0220940
#3	.0173980

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1822.563	22720.16	2276.204	1563.236	2152.292
Stddev	7.605	22.32	17.285	5.005	8.116
%RSD	.4172600	.0982340	.7593786	.3201783	.3770817
#1	1818.501	22743.11	2259.238	1558.373	2148.295
#2	1831.336	22698.53	2293.791	1568.372	2161.631
#3	1817.851	22718.84	2275.584	1562.961	2146.950

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4984-08DLX2 Acquired: 12/21/2024 9:21:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0151542	.0279496	.2211103	-.016405	-.011950	8.329309
Stddev	.0021040	.0031097	.0025009	.002993	.000662	.060895
%RSD	13.88389	11.12622	1.131075	18.24228	5.539584	.7310912
#1	.0133530	.0307707	.2229815	-.019831	-.012677	8.343566
#2	.0146430	.0246151	.2182698	-.015079	-.011788	8.262551
#3	.0174668	.0284629	.2220795	-.014304	-.011383	8.381811

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902960	.0014751	.0046782	F 856.6257	.0250512	.0551370
Stddev	.0007774	.0001097	.0002278	.7087	.0002188	.0002374
%RSD	.8609028	7.434439	4.869977	.0827309	.8733175	.4305525
#1	.0911552	.0014921	.0046511	856.7279	.0251495	.0551204
#2	.0896414	.0015753	.0049184	855.8714	.0248005	.0553822
#3	.0900913	.0013579	.0044652	857.2777	.0252036	.0549083

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0330682	47.10771	5.055384	481.3472	.0367647	.0042615
Stddev	.0013980	.07589	.006180	2.1033	.0012843	.0001637
%RSD	4.227632	.1610958	.1222454	.4369651	3.493368	3.841000
#1	.0346327	47.09507	5.051412	479.9450	.0380655	.0043284
#2	.0319414	47.03893	5.052236	480.3309	.0354975	.0040750
#3	.0326305	47.18912	5.062504	483.7656	.0367312	.0043811

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.340149	.0239178	.8295833	3.322824	1.468792	.0710095
Stddev	.114753	.0108575	.0021978	.153584	.004498	.0019337
%RSD	8.562685	45.39507	.2649285	4.622100	.3062355	2.723163
#1	1.342871	.0335449	.8321050	3.498856	1.463600	.0688136
#2	1.453517	.0260596	.8280752	3.216160	1.471301	.0717572
#3	1.224060	.0121490	.8285697	3.253456	1.471477	.0724577

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P4984-08DLX2 Acquired: 12/21/2024 9:21:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013158	9.393909	4.145537	.0046574	.0939666	.2396140
Stddev	.0003673	.017848	.016882	.0001587	.0041884	.0009393
%RSD	27.91545	.1899931	.4072430	3.406882	4.457271	.3919902
#1	.0014345	9.374768	4.157710	.0047528	.0984403	.2396426
#2	.0016091	9.396866	4.126264	.0044743	.0933208	.2386608
#3	.0009038	9.410094	4.152637	.0047453	.0901387	.2405386

Elem	Li6707
Units	ppm
Avg	.0365113
Stddev	.0039498
%RSD	10.81807
#1	.0410441
#2	.0338074
#3	.0346825

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1688.272	21122.62	2255.066	1429.408	1738.923
Stddev	2.527	72.28	7.113	11.128	3.649
%RSD	.1496541	.3422034	.3154286	.7784711	.2098290
#1	1691.165	21179.90	2259.602	1439.749	1742.457
#2	1687.152	21041.40	2258.728	1417.633	1739.141
#3	1686.498	21146.55	2246.868	1430.841	1735.170

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-01DLX2 Acquired: 12/21/2024 9:25:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105135	.0258287	.2128545	-.014924	-.015158	6.826052	.0856500
Stddev	.0017930	.0054919	.0024626	.003223	.001468	.036330	.0016992
%RSD	17.05395	21.26285	1.156919	21.59733	9.687054	.5322189	1.983826
#1	.0113679	.0275787	.2155581	-.012965	-.013574	6.786262	.0871292
#2	.0084531	.0196750	.2122654	-.013163	-.016474	6.834441	.0837941
#3	.0117195	.0302324	.2107399	-.018644	-.015425	6.857454	.0860266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013083	.0033659	781.0784	.0225489	.0530066	.0317648	39.89406
Stddev	.0001311	.0001024	3.3802	.0003795	.0001802	.0007187	.17876
%RSD	10.01797	3.041614	.4327612	1.683049	.3399333	2.262445	.4480950
#1	.0013356	.0032542	779.7520	.0221228	.0532089	.0313052	39.88304
#2	.0011658	.0034553	784.9206	.0226734	.0528634	.0313962	40.07808
#3	.0014236	.0033881	778.5625	.0228505	.0529474	.0325930	39.72107

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.283154	429.5204	.0346871	.0046045	1.389552	.0074325	.6914660
Stddev	.023549	1.7647	.0008824	.0015061	.331636	.0119514	.0205214
%RSD	.5498029	.4108456	2.543910	32.70829	23.86637	160.8005	2.967803
#1	4.275545	428.2574	.0351523	.0029287	1.028996	.0092267	.6683871
#2	4.309566	431.5367	.0352396	.0058449	1.681551	.0183854	.7076583
#3	4.264349	428.7672	.0336694	.0050400	1.458108	-.005315	.6983526

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.490236	1.362162	.0541921	.0004535	9.072355	4.005575	.0014326
Stddev	.033695	.007120	.0046137	.0008096	.045738	.032298	.0027325
%RSD	1.353098	.5227093	8.513596	178.5410	.5041461	.8063363	190.7304
#1	2.529085	1.355289	.0572667	-.000256	9.041595	4.010079	-.001051
#2	2.472660	1.369506	.0564226	.000281	9.050555	4.035385	.000989
#3	2.468962	1.361693	.0488870	.001335	9.124915	3.971261	.004360

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-01DLX2 Acquired: 12/21/2024 9:25:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1218610	.2495433	.0280551
Stddev	.0018570	.0012087	.0014330
%RSD	1.523822	.4843499	5.107714
#1	.1226969	.2488962	.0264055
#2	.1231532	.2509378	.0289917
#3	.1197330	.2487960	.0287682

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.114	21132.75	2250.509	1437.872	1750.769
Stddev	3.945	56.25	12.372	3.797	3.881
%RSD	.2331557	.2661920	.5497416	.2640393	.2216573
#1	1696.627	21070.14	2240.847	1442.164	1755.248
#2	1689.318	21179.04	2246.227	1436.502	1748.645
#3	1690.398	21149.06	2264.453	1434.951	1748.414

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-02DLX2 Acquired: 12/21/2024 9:29:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090876	.0237206	.2533574	-.016541	-.016364	6.369061
Stddev	.0052325	.0020557	.0022444	.003372	.003126	.041841
%RSD	57.57897	8.666281	.8858645	20.38560	19.10062	.6569436
#1	.0077367	.0215232	.2516428	-.020193	-.013213	6.322701
#2	.0046630	.0240417	.2525317	-.013546	-.019464	6.404020
#3	.0148631	.0255968	.2558977	-.015884	-.016414	6.380461

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0779166	.0013815	.0056788	F 923.0398	.0226498	.0558827
Stddev	.0009360	.0001747	.0001813	3.1923	.0010379	.0005228
%RSD	1.201256	12.64763	3.192308	.3458493	4.582606	.9355351
#1	.0769653	.0015019	.0058250	919.4238	.0229566	.0556254
#2	.0788364	.0011811	.0054760	925.4679	.0234997	.0564843
#3	.0779482	.0014615	.0057354	924.2276	.0214930	.0555384

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0230221	43.50089	5.306189	517.0233	.0339482	.0047105
Stddev	.0032273	.29123	.018996	3.1348	.0002351	.0011805
%RSD	14.01812	.6694788	.3579880	.6063185	.6926048	25.06051
#1	.0194129	43.17884	5.287331	513.8238	.0338979	.0038188
#2	.0240232	43.74574	5.325319	520.0891	.0337423	.0042636
#3	.0256301	43.57808	5.305916	517.1569	.0342044	.0060492

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.538770	.0091737	1.028902	2.536011	.8771445	.0558370
Stddev	.655263	.0062012	.015544	.105286	.0004832	.0013116
%RSD	42.58360	67.59744	1.510757	4.151653	.0550860	2.348943
#1	1.399078	.0023660	1.011329	2.602466	.8769280	.0566986
#2	.964617	.0106551	1.040851	2.590948	.8776981	.0543276
#3	2.252615	.0145002	1.034527	2.414619	.8768074	.0564849

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-02DLX2 Acquired: 12/21/2024 9:29:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010101	9.069969	3.895664	.0288630	.0571754	.2565318
Stddev	.0011036	.026217	.009695	.0009565	.0056900	.0020746
%RSD	109.2540	.2890519	.2488643	3.313874	9.951908	.8087192
#1	.0018438	9.060355	3.901712	.0297516	.0627998	.2545784
#2	.0014279	9.049916	3.900799	.0278507	.0514219	.2587094
#3	-.000241	9.099635	3.884482	.0289866	.0573046	.2563077

Elem	Li6707
Units	ppm
Avg	.0247976
Stddev	.0020242
%RSD	8.162689
#1	.0224734
#2	.0261738
#3	.0257456

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1675.908	21064.74	2262.760	1428.231	1721.673
Stddev	3.264	28.00	11.866	2.598	1.934
%RSD	.1947715	.1329137	.5244060	.1819051	.1123608
#1	1676.493	21061.25	2252.563	1429.120	1719.716
#2	1678.840	21094.31	2259.934	1430.267	1723.584
#3	1672.390	21038.65	2275.784	1425.305	1721.719

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-03DLX2 Acquired: 12/21/2024 9:33:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0150520	.0276355	.1980782	-.022957	-.014466	5.242426
Stddev	.0031884	.0025722	.0056150	.004151	.001460	.065397
%RSD	21.18293	9.307685	2.834751	18.08102	10.09442	1.247463
#1	.0185699	.0250848	.1961958	-.027750	-.013495	5.168157
#2	.0142335	.0275930	.1936462	-.020509	-.013758	5.267735
#3	.0123526	.0302287	.2043926	-.020613	-.016146	5.291387

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1431322	.0010864	.0031232	F 1027.845	.0172529	.0574252
Stddev	.0013934	.0001858	.0001562	7.655	.0008404	.0006593
%RSD	.9734713	17.09999	5.001971	.7447355	4.870765	1.148139
#1	.1421630	.0011664	.0030792	1019.597	.0179719	.0571251
#2	.1425045	.0012187	.0029937	1029.216	.0174577	.0581812
#3	.1447289	.0008740	.0032967	1034.721	.0163291	.0569693

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261783	44.87940	5.738876	569.8605	.0317024	.0049240
Stddev	.0066943	.44823	.046335	5.7160	.0009613	.0009666
%RSD	25.57179	.9987507	.8073798	1.003049	3.032312	19.62983
#1	.0325552	44.40454	5.685408	563.6685	.0315298	.0038080
#2	.0192064	44.93852	5.767291	570.9776	.0308391	.0054969
#3	.0267733	45.29514	5.763927	574.9355	.0327383	.0054669

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.101262	.0188565	.5689630	2.341461	.6223267	.0535483
Stddev	.648686	.0068882	.0096859	.222786	.0009442	.0026365
%RSD	58.90390	36.52959	1.702376	9.514811	.1517253	4.923662
#1	.499720	.0242684	.5633776	2.566251	.6233589	.0506283
#2	1.788561	.0111027	.5633640	2.120735	.6221148	.0557542
#3	1.015504	.0211984	.5801473	2.337397	.6215064	.0542625

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-03DLX2 Acquired: 12/21/2024 9:33:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002218	10.25890	3.431987	.0024105	.0374161	.2865089
Stddev	.0003406	.02522	.014168	.0006833	.0018347	.0032077
%RSD	153.5572	.2458816	.4128167	28.34925	4.903398	1.119571
#1	.0004610	10.22978	3.417607	.0016448	.0354163	.2828169
#2	.0003724	10.27389	3.445933	.0029585	.0390214	.2880986
#3	-.000168	10.27304	3.432421	.0026281	.0378106	.2886113

Elem	Li6707
Units	ppm
Avg	.0278869
Stddev	.0039180
%RSD	14.04954
#1	.0236471
#2	.0286400
#3	.0313737

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1662.282	20786.17	2243.862	1409.170	1701.286
Stddev	3.116	48.56	11.072	6.489	5.087
%RSD	.1874374	.2336144	.4934480	.4604840	.2990158
#1	1658.686	20800.81	2256.465	1412.535	1695.421
#2	1664.171	20825.72	2235.698	1413.285	1703.941
#3	1663.988	20731.97	2239.423	1401.689	1704.497

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-04DLX2 Acquired: 12/21/2024 9:37:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0213790	.0278959	.8598043	-.021562	-.015043	4.430290
Stddev	.0027852	.0033857	.0074033	.007773	.001771	.054871
%RSD	13.02782	12.13695	.8610488	36.04991	11.76985	1.238531
#1	.0194524	.0243093	.8544614	-.020051	-.013000	4.394500
#2	.0201123	.0310365	.8566965	-.029980	-.016126	4.402909
#3	.0245725	.0283419	.8682550	-.014656	-.016003	4.493463

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0491971	.0010004	.0054755	F 999.3659	.0153625	.0550884
Stddev	.0012359	.0001159	.0001102	5.8821	.0006358	.0009171
%RSD	2.512224	11.58299	2.013144	.5885789	4.138419	1.664711
#1	.0494827	.0009220	.0054936	993.6711	.0153716	.0546257
#2	.0502653	.0009457	.0053573	1005.419	.0147222	.0544949
#3	.0478434	.0011335	.0055755	999.008	.0159936	.0561446

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0168579	45.83442	5.915644	553.1820	.0276800	.0054292
Stddev	.0057773	.29362	.046596	3.2706	.0010439	.0010262
%RSD	34.27040	.6406044	.7876764	.5912360	3.771255	18.90113
#1	.0221577	45.50416	5.871470	549.7882	.0285523	.0050077
#2	.0177166	46.06593	5.964333	556.3136	.0279643	.0046809
#3	.0106993	45.93318	5.911128	553.4443	.0265234	.0065990

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.915998	.0119232	.9850322	2.181270	.5497730	.0523617
Stddev	.255373	.0063825	.0197382	.114166	.0014153	.0027429
%RSD	13.32846	53.52981	2.003818	5.233941	.2574387	5.238312
#1	1.633999	.0067773	.9743272	2.176558	.5490968	.0492004
#2	1.982345	.0099272	1.007810	2.069533	.5488226	.0537750
#3	2.131649	.0190652	.972959	2.297720	.5513996	.0541096

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-04DLX2 Acquired: 12/21/2024 9:37:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000686	13.15448	2.979139	.0008532	.0195273	.2713627
Stddev	.000561	.03703	.018495	.0022114	.0030455	.0023429
%RSD	81.83378	.2815110	.6208321	259.2092	15.59632	.8634032
#1	-.000847	13.18537	2.986499	.0015420	.0203130	.2692149
#2	-.001149	13.11343	2.958096	-.001621	.0221030	.2738613
#3	-.000062	13.16464	2.992821	.002638	.0161659	.2710118

Elem	Li6707
Units	ppm
Avg	.0246203
Stddev	.0035457
%RSD	14.40141
#1	.0247311
#2	.0281094
#3	.0210206

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1692.267	21155.15	2276.115	1430.361	1735.649
Stddev	4.934	132.28	6.071	5.668	5.078
%RSD	.2915515	.6252999	.2667083	.3962606	.2925466
#1	1697.957	21171.59	2271.647	1432.402	1740.640
#2	1689.661	21015.42	2283.027	1423.955	1735.817
#3	1689.181	21278.45	2273.672	1434.726	1730.489

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-05DLX2 Acquired: 12/21/2024 9:41:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111159	.0250566	.1600713	-.021235	-.016083	4.629780
Stddev	.0029635	.0031539	.0014446	.000915	.002292	.029171
%RSD	26.66013	12.58694	.9024737	4.308492	14.25215	.6300693
#1	.0105935	.0282665	.1586532	-.021863	-.013764	4.613204
#2	.0143058	.0219620	.1615410	-.021658	-.018347	4.612674
#3	.0084483	.0249414	.1600196	-.020186	-.016138	4.663463

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0489858	.0009656	.0480172	F 1037.696	.0145003	.0547110
Stddev	.0004986	.0000503	.0000463	1.884	.0005519	.0007123
%RSD	1.017842	5.207300	.0965107	.1816030	3.805761	1.302004
#1	.0490965	.0010236	.0479690	1035.602	.0149971	.0541939
#2	.0484411	.0009347	.0480614	1039.257	.0139063	.0555235
#3	.0494197	.0009384	.0480211	1038.228	.0145976	.0544156

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0373099	45.28637	5.970934	573.0236	.0254358	.0053761
Stddev	.0041715	.03222	.020958	.4283	.0001252	.0010449
%RSD	11.18062	.0711434	.3509985	.0747460	.4920253	19.43570
#1	.0411737	45.29146	5.959238	572.7357	.0255802	.0057381
#2	.0378689	45.31575	5.958435	572.8192	.0253694	.0041983
#3	.0328871	45.25191	5.995130	573.5158	.0253579	.0061918

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.284476	.0133051	9.113895	1.963877	.5554850	.0494470
Stddev	.556489	.0051776	.064072	.225780	.0037725	.0012706
%RSD	43.32416	38.91443	.7030156	11.49665	.6791295	2.569554
#1	1.878901	.0163841	9.157626	1.792693	.5580753	.0509132
#2	1.198627	.0073274	9.040349	1.879178	.5572228	.0487586
#3	.775901	.0162038	9.143711	2.219759	.5511568	.0486692

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-05DLX2 Acquired: 12/21/2024 9:41:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003892	14.74919	3.091186	.0033159	.0290839	.2895606
Stddev	.0003664	.02439	.013593	.0019743	.0032782	.0013422
%RSD	94.13210	.1653953	.4397478	59.53997	11.27165	.4635137
#1	.0008039	14.77718	3.075492	.0054840	.0318378	.2880177
#2	.0001092	14.73797	3.099221	.0016217	.0299562	.2904582
#3	.0002545	14.73242	3.098846	.0028420	.0254578	.2902059

Elem	Li6707
Units	ppm
Avg	.0245419
Stddev	.0034414
%RSD	14.02247
#1	.0205689
#2	.0264586
#3	.0265981

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1663.386	20779.36	2246.701	1401.489	1701.796
Stddev	3.273	69.41	8.570	4.384	4.422
%RSD	.1967557	.3340109	.3814352	.3128368	.2598368
#1	1666.434	20780.38	2255.171	1402.014	1703.190
#2	1659.927	20848.26	2246.896	1405.588	1696.845
#3	1663.796	20709.46	2238.035	1396.866	1705.352

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-06DLX2 Acquired: 12/21/2024 9:45:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112015	.0286422	.2285937	-.021464	-.011777	11.28451
Stddev	.0031335	.0043739	.0011905	.004900	.001195	.10695
%RSD	27.97411	15.27098	.5207892	22.82870	10.15095	.9477788
#1	.0115275	.0320833	.2292351	-.026813	-.010520	11.17600
#2	.0079177	.0237200	.2293260	-.020386	-.012900	11.28768
#3	.0141592	.0301233	.2272201	-.017193	-.011910	11.38984

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2155297	.0013091	.0038379	F 993.9553	.0190361	.0546070
Stddev	.0029603	.0000870	.0000472	5.1806	.0011221	.0008646
%RSD	1.373503	6.644963	1.228441	.5212109	5.894794	1.583356
#1	.2125649	.0013196	.0038147	988.3711	.0180142	.0540465
#2	.2155389	.0012173	.0038069	994.8896	.0188572	.0541717
#3	.2184855	.0013903	.0038922	998.6051	.0202370	.0556027

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0559782	43.03542	5.957582	465.8000	.0277982	.0047415
Stddev	.0028845	.20904	.032988	2.5914	.0005855	.0002004
%RSD	5.152812	.4857470	.5537084	.5563383	2.106379	4.226329
#1	.0593005	42.87101	5.922893	462.9277	.0284450	.0049665
#2	.0541120	42.96458	5.961302	466.5094	.0273042	.0045822
#3	.0545223	43.27068	5.988553	467.9628	.0276452	.0046759

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.798025	.0186304	.7300184	1.266936	.9012297	.0512319
Stddev	.969686	.0114060	.0208506	.059938	.0014751	.0022824
%RSD	53.93062	61.22231	2.856168	4.730974	.1636727	4.455121
#1	1.243511	.0060549	.7138155	1.335734	.9009842	.0514642
#2	1.232859	.0283078	.7535421	1.225997	.8998928	.0533892
#3	2.917705	.0215287	.7226977	1.239078	.9028121	.0488421

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-06DLX2 Acquired: 12/21/2024 9:45:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001747	8.730871	5.914085	.0065425	.2826070	.6197239
Stddev	.0007977	.018526	.028627	.0018841	.0044420	.0033862
%RSD	456.5251	.2121842	.4840466	28.79836	1.571803	.5464001
#1	.0010883	8.747655	5.930422	.0059979	.2863236	.6158161
#2	-.000181	8.710993	5.881030	.0049906	.2776874	.6215635
#3	-.000383	8.733964	5.930802	.0086389	.2838099	.6217920

Elem	Li6707
Units	ppm
Avg	.0292228
Stddev	.0045587
%RSD	15.59985
#1	.0244304
#2	.0335049
#3	.0297330

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1689.868	21128.46	2279.211	1433.918	1722.743
Stddev	3.465	15.36	11.549	1.614	5.987
%RSD	.2050244	.0726983	.5067304	.1125593	.3474996
#1	1686.535	21127.11	2276.082	1435.626	1717.987
#2	1689.618	21144.45	2292.003	1433.712	1720.778
#3	1693.451	21113.82	2269.549	1432.418	1729.465

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-07DLX2 Acquired: 12/21/2024 9:49:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0600605	.0134913	.2319455	-.005366	-.006765	24.86731	.3235453
Stddev	.0046438	.0004714	.0018272	.003411	.004296	.09431	.0034531
%RSD	7.731886	3.494240	.7877521	63.56788	63.50975	.3792463	1.067259
#1	.0650943	.0135648	.2298367	-.004381	-.011098	24.89589	.3266325
#2	.0591437	.0129875	.2330573	-.002556	-.002506	24.94402	.3241871
#3	.0559434	.0139217	.2329424	-.009161	-.006690	24.76201	.3198164

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032790	.0031244	719.0226	.0344221	.0935857	.2207246	65.13633
Stddev	.0000582	.0000701	3.2821	.0006883	.0006242	.0042890	.14214
%RSD	1.775287	2.243341	.4564691	1.999500	.6669930	1.943126	.2182119
#1	.0032810	.0030456	720.8687	.0336282	.0937110	.2255234	65.10991
#2	.0032198	.0031798	720.9660	.0347864	.0941377	.2172652	65.28982
#3	.0033362	.0031479	715.2332	.0348515	.0929083	.2193851	65.00926

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.356599	164.8722	.0803390	.0069144	1.943249	.0590147	.4922991
Stddev	.023697	.7715	.0005578	.0008301	.812947	.0163004	.0159921
%RSD	.3728012	.4679130	.6943097	12.00490	41.83443	27.62082	3.248454
#1	6.374984	165.1663	.0803235	.0074353	2.802330	.0648946	.4744916
#2	6.364958	165.4533	.0797891	.0059572	1.186039	.0715593	.5054358
#3	6.329855	163.9969	.0809044	.0073507	1.841378	.0405902	.4969699

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.025230	2.114441	.0474677	.0029596	5.218173	5.555151	.0103559
Stddev	.235577	.003661	.0037196	.0005333	.014219	.030691	.0011495
%RSD	7.787065	.1731305	7.836126	18.02045	.2724910	.5524742	11.09988
#1	2.845293	2.110278	.0450711	.0023838	5.208534	5.588343	.0108983
#2	2.938526	2.115887	.0455792	.0034366	5.211481	5.549310	.0111338
#3	3.291872	2.117157	.0517527	.0030584	5.234503	5.527801	.0090356

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-07DLX2 Acquired: 12/21/2024 9:49:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJJ7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5760259	.8230562	.0468719
Stddev	.0031975	.0031242	.0023347
%RSD	.5551008	.3795896	4.980931
#1	.5766447	.8233994	.0465121
#2	.5725642	.8259947	.0447380
#3	.5788688	.8197746	.0493655

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1809.711	22469.53	2390.489	1536.121	1814.484
Stddev	.624	5.17	10.757	1.986	1.415
%RSD	.0344827	.0229943	.4499773	.1292676	.0779985
#1	1809.895	22468.15	2378.213	1538.160	1816.087
#2	1809.016	22465.20	2394.991	1534.193	1813.962
#3	1810.222	22475.25	2398.263	1536.011	1813.404

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-13DLX2 Acquired: 12/21/2024 9:53:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0286775	.0184337	.0465978	-.005236	-.007844	25.09998	.4024058
Stddev	.0027510	.0013592	.0026200	.003494	.001276	.17214	.0041501
%RSD	9.592750	7.373670	5.622492	66.74300	16.26425	.6858351	1.031333
#1	.0278177	.0191615	.0490205	-.009132	-.008974	24.92906	.3989628
#2	.0264591	.0192741	.0438174	-.002380	-.008099	25.27332	.4070140
#3	.0317557	.0168656	.0469555	-.004195	-.006461	25.09757	.4012406

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024260	.0023603	509.0361	.0447405	.0783915	.0375603	51.44351
Stddev	.0000139	.0000848	4.2684	.0005770	.0004081	.0086742	.57191
%RSD	.5710650	3.590645	.8385284	1.289713	.5205521	23.09408	1.111727
#1	.0024147	.0023877	504.9233	.0450716	.0783708	.0307972	50.82818
#2	.0024415	.0024280	513.4447	.0440742	.0779941	.0473401	51.95880
#3	.0024219	.0022652	508.7402	.0450755	.0788095	.0345437	51.54354

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.131388	28.19556	.0923323	.0041094	1.155876	.0375081	.1725410
Stddev	.058855	.37381	.0008556	.0008682	.980536	.0071508	.0069946
%RSD	.8252920	1.325778	.9266642	21.12654	84.83057	19.06465	4.053900
#1	7.069109	27.81158	.0932761	.0040486	2.081463	.0292874	.1645761
#2	7.186084	28.55830	.0916074	.0032733	.128354	.0422879	.1753638
#3	7.138971	28.21681	.0921134	.0050065	1.257812	.0409492	.1776832

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.536128	4.563522	.0224791	.0023456	.3469933	5.989088	.0007743
Stddev	.081868	.009226	.0024037	.0009556	.0018288	.069937	.0011487
%RSD	1.804796	.2021659	10.69312	40.73972	.5270529	1.167740	148.3415
#1	4.455564	4.569822	.0198626	.0012790	.3469002	6.059003	.0009566
#2	4.533579	4.552932	.0229850	.0031238	.3488669	5.919129	.0018210
#3	4.619240	4.567812	.0245895	.0026340	.3452127	5.989134	-.000455

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-13DLX2 Acquired: 12/21/2024 9:53:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4100153	.3761413	.0671993
Stddev	.0008332	.0036684	.0040803
%RSD	.2032019	.9752697	6.071896
#1	.4090959	.3727362	.0626666
#2	.4102298	.3800258	.0705792
#3	.4107203	.3756619	.0683519

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1990.889	24554.93	2562.567	1682.852	1934.756
Stddev	7.847	56.39	20.851	5.562	6.879
%RSD	.3941608	.2296571	.8136568	.3305087	.3555274
#1	1999.860	24616.86	2547.668	1688.235	1939.391
#2	1987.508	24541.40	2586.395	1683.195	1938.024
#3	1985.299	24506.54	2553.639	1677.127	1926.852

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-14DLX2 Acquired: 12/21/2024 9:57:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174535	.0113291	.0413308	-.001146	-.006158	26.59545	.3475636
Stddev	.0042901	.0018412	.0007146	.001868	.002611	.37512	.0062108
%RSD	24.58025	16.25177	1.728885	163.0540	42.39799	1.410461	1.786945
#1	.0146089	.0126088	.0417217	.000006	-.004086	26.85711	.3520170
#2	.0153634	.0092190	.0417646	-.000142	-.005298	26.76355	.3502052
#3	.0223881	.0121596	.0405061	-.003301	-.009091	26.16568	.3404687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031848	.0025153	572.3249	.0452186	.0844199	.0358470	57.07542
Stddev	.0001634	.0001234	9.8673	.0002108	.0003868	.0040600	.99843
%RSD	5.129089	4.907322	1.724077	.4660726	.4581823	11.32582	1.749314
#1	.0033573	.0025332	579.7370	.0450065	.0843942	.0396435	57.68661
#2	.0031646	.0023838	576.1128	.0454280	.0848190	.0363306	57.61642
#3	.0030324	.0026288	561.1249	.0452214	.0840467	.0315669	55.92325

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.840967	21.55077	.0967276	.0050853	1.919354	.0406525	.1631387
Stddev	.078156	.34411	.0002236	.0006101	.742982	.0048654	.0059572
%RSD	1.614474	1.596744	.2311110	11.99633	38.70999	11.96828	3.651648
#1	4.891124	21.73063	.0965954	.0057885	1.406295	.0462684	.1660199
#2	4.880863	21.76767	.0969857	.0046976	1.580400	.0379788	.1562885
#3	4.750915	21.15400	.0966016	.0047697	2.771366	.0377102	.1671075

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.344671	2.387057	.0189516	.0008757	.3491223	5.921890	.0026605
Stddev	.143283	.001179	.0039962	.0006968	.0033479	.144978	.0010748
%RSD	3.297911	.0493862	21.08654	79.57022	.9589431	2.448171	40.39779
#1	4.410110	2.388245	.0166264	.0016801	.3503487	6.052637	.0037374
#2	4.443551	2.387037	.0235659	.0004555	.3453342	5.947055	.0026561
#3	4.180352	2.385888	.0166623	.0004916	.3516841	5.765976	.0015879

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-14DLX2 Acquired: 12/21/2024 9:57:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJM5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4417328	.2998253	.0766760
Stddev	.0096116	.0041534	.0039432
%RSD	2.175892	1.385277	5.142651
#1	.4468377	.3023651	.0811962
#2	.4477150	.3020786	.0748892
#3	.4306458	.2950322	.0739425

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1900.407	23518.51	2494.976	1615.235	1914.258
Stddev	5.663	86.47	50.267	8.891	8.220
%RSD	.2979786	.3676672	2.014713	.5504575	.4294063
#1	1894.301	23582.36	2457.695	1625.225	1904.904
#2	1905.486	23553.08	2475.089	1612.291	1920.330
#3	1901.433	23420.11	2552.144	1608.189	1917.540

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5010-07DLX2 Acquired: 12/21/2024 10:01:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0335374	.0012434	.0695858	.0114227	.0005826	32.09866	.2639943
Stddev	.0069091	.0027464	.0022984	.0009102	.0002949	.02932	.0004997
%RSD	20.60123	220.8767	3.303026	7.968647	50.62375	.0913286	.1892774
#1	.0389729	-.001883	.0674539	.0118907	.0002842	32.09513	.2644466
#2	.0257623	.003268	.0692827	.0103737	.0008739	32.07126	.2634579
#3	.0358770	.002345	.0720207	.0120038	.0005897	32.12958	.2640784

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031853	.0014210	578.1147	.0421724	.0814133	.1105111	87.26530
Stddev	.0001295	.0000905	1.0131	.0005500	.0006257	.0024824	.18739
%RSD	4.065546	6.365282	.1752464	1.304216	.7684934	2.246284	.2147376
#1	.0033163	.0013863	579.0957	.0423368	.0821333	.1122229	87.04915
#2	.0031822	.0013531	577.0722	.0426214	.0811049	.1116464	87.38211
#3	.0030573	.0015237	578.1762	.0415589	.0810017	.1076641	87.36462

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.972065	43.23672	.0805411	.0075413	1.655851	.0711448	.1445936
Stddev	.025216	.10456	.0018830	.0005600	.608409	.0050893	.0089659
%RSD	.3163074	.2418214	2.337924	7.425252	36.74295	7.153378	6.200757
#1	7.952962	43.12367	.0820385	.0070204	1.826112	.0739911	.1448808
#2	8.000647	43.32995	.0811578	.0081335	.980450	.0652692	.1354875
#3	7.962586	43.25653	.0784271	.0074702	2.160992	.0741742	.1534124

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.672305	3.233362	.0388438	.0007248	.5020110	4.808908	.0036904
Stddev	.081102	.010754	.0027554	.0003064	.0067245	.065496	.0022031
%RSD	3.034891	.3326040	7.093532	42.26765	1.339516	1.361978	59.69839
#1	2.760593	3.234901	.0387121	.0006707	.4942777	4.882261	.0018610
#2	2.601116	3.221920	.0416626	.0004492	.5064831	4.756285	.0061360
#3	2.655207	3.243263	.0361565	.0010547	.5052721	4.788179	.0030741

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5010-07DLX2 Acquired: 12/21/2024 10:01:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJH9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3530838	.3977997	.0604331
Stddev	.0040743	.0010394	.0017161
%RSD	1.153926	.2612988	2.839690
#1	.3574346	.3969525	.0596860
#2	.3524587	.3989596	.0592172
#3	.3493582	.3974870	.0623961

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.727	23879.67	2528.927	1641.477	1891.885
Stddev	6.848	165.77	22.753	15.195	5.228
%RSD	.3547029	.6941934	.8997108	.9256972	.2763408
#1	1931.056	24064.43	2502.660	1659.009	1893.806
#2	1937.405	23743.94	2542.521	1633.310	1895.880
#3	1923.720	23830.65	2541.601	1632.112	1885.968

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5012-08DLX2 Acquired: 12/21/2024 10:04:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0726599	.0115736	.5093214	-.000838	-.005735	23.56578	.3009472
Stddev	.0031646	.0034661	.0028862	.001958	.002091	.26072	.0041175
%RSD	4.355358	29.94789	.5666727	233.7631	36.45628	1.106332	1.368175
#1	.0760716	.0117576	.5080927	-.000005	-.006148	23.26658	.2962025
#2	.0720874	.0149440	.5072530	.000566	-.007588	23.68652	.3030554
#3	.0698206	.0080192	.5126187	-.003075	-.003468	23.74424	.3035837

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028883	.0065684	627.9630	.0514171	.0675231	.0875392	69.03475
Stddev	.0001790	.0000441	5.2427	.0008254	.0004171	.0059763	.88068
%RSD	6.196705	.6713788	.8348686	1.605236	.6176885	6.827024	1.275711
#1	.0029450	.0065207	621.9149	.0511073	.0677830	.0831323	68.01813
#2	.0026879	.0065769	630.7611	.0507915	.0677443	.0851438	69.56498
#3	.0030321	.0066077	631.2129	.0523525	.0670420	.0943417	69.52112

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.292935	314.8847	.0963868	.0067188	1.182961	.0602404	1.145792
Stddev	.063309	3.7255	.0009656	.0012045	.853510	.0129973	.010041
%RSD	1.196100	1.183133	1.001750	17.92733	72.15034	21.57569	.8763511
#1	5.219891	310.5833	.0974352	.0065541	1.996574	.0612622	1.138658
#2	5.326912	316.9866	.0961912	.0079972	.294485	.0726966	1.157275
#3	5.332001	317.0843	.0955341	.0056051	1.257823	.0467623	1.141444

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.714769	4.137707	.0723963	.0040019	10.22182	5.492330	.0108072
Stddev	.195112	.014549	.0039910	.0000930	.01287	.034630	.0031414
%RSD	5.252323	.3516227	5.512739	2.323376	.1258853	.6305156	29.06737
#1	3.494829	4.123406	.0689371	.0039267	10.21009	5.458005	.0072983
#2	3.782453	4.152493	.0767629	.0039731	10.23559	5.527257	.0117656
#3	3.867026	4.137220	.0714891	.0041058	10.21979	5.491727	.0133578

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5012-08DLX2 Acquired: 12/21/2024 10:04:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3589079	.2941265	.0437261
Stddev	.0017764	.0038564	.0027356
%RSD	.4949558	1.311140	6.256245
#1	.3568599	.2898655	.0457746
#2	.3598311	.2951368	.0447841
#3	.3600326	.2973772	.0406195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1773.247	22042.83	2354.844	1507.443	1800.331
Stddev	.763	54.66	18.435	3.424	1.271
%RSD	.0430260	.2479821	.7828676	.2271388	.0705774
#1	1773.635	22095.75	2373.564	1509.652	1800.873
#2	1772.368	21986.58	2336.708	1509.178	1801.241
#3	1773.737	22046.15	2354.261	1503.499	1798.879

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5012-09DLX2 Acquired: 12/21/2024 10:08:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1609470	.0110132	.3981394	-.002952	-.007698	22.58954	.2649207
Stddev	.0068174	.0016309	.0034348	.001641	.001631	.15642	.0005642
%RSD	4.235804	14.80896	.8627216	55.58089	21.19135	.6924279	.2129808
#1	.1634501	.0128526	.3942109	-.003974	-.007886	22.41043	.2651256
#2	.1532318	.0097438	.4005759	-.001060	-.009227	22.65899	.2653539
#3	.1661590	.0104432	.3996315	-.003823	-.005981	22.69922	.2642827

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0029453	.0035920	774.2271	.0407812	.0685794	.0638923	78.78408
Stddev	.0000226	.0001372	3.3993	.0004107	.0004448	.0061246	.21221
%RSD	.7674874	3.819707	.4390514	1.006983	.6486078	9.585795	.2693536
#1	.0029607	.0034347	770.3130	.0408351	.0682261	.0582694	78.53968
#2	.0029558	.0036548	776.4384	.0403462	.0690789	.0629892	78.89105
#3	.0029193	.0036866	775.9300	.0411622	.0684331	.0704183	78.92152

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.981770	376.8431	.0811445	.0073436	1.454908	.0512037	.5775515
Stddev	.024722	1.8609	.0009682	.0010593	1.307896	.0153847	.0148758
%RSD	.4962538	.4938259	1.193210	14.42495	89.89544	30.04600	2.575662
#1	4.953274	374.6984	.0802340	.0061721	.662084	.0613479	.5798343
#2	4.994542	377.8011	.0810378	.0076246	.738143	.0335019	.5616663
#3	4.997493	378.0299	.0821616	.0082340	2.964498	.0587614	.5911540

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.826436	2.625493	.0534755	.0020224	12.62183	5.044853	.0079537
Stddev	.130675	.006020	.0026944	.0000614	.00509	.022807	.0015934
%RSD	3.415057	.2292933	5.038633	3.033429	.0403286	.4520860	20.03351
#1	3.969291	2.626247	.0534266	.0020895	12.62634	5.071159	.0087591
#2	3.712934	2.631100	.0561940	.0020087	12.62284	5.032785	.0089837
#3	3.797083	2.619131	.0508058	.0019691	12.61631	5.030615	.0061184

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5012-09DLX2 Acquired: 12/21/2024 10:08:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJK1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2681834	.3315072	.0466638
Stddev	.0066670	.0024252	.0059833
%RSD	2.486004	.7315609	12.82219
#1	.2605751	.3287103	.0423536
#2	.2730047	.3327856	.0441426
#3	.2709706	.3330258	.0534951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1732.688	21693.44	2305.139	1474.528	1763.982
Stddev	.112	16.82	8.198	4.932	.852
%RSD	.0064383	.0775379	.3556408	.3344881	.0483027
#1	1732.726	21698.01	2295.963	1479.599	1764.555
#2	1732.776	21707.51	2307.711	1469.748	1764.387
#3	1732.562	21674.81	2311.742	1474.237	1763.003

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-01DLX2 Acquired: 12/21/2024 10:12:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2762670	-.234565	.0689943	.2435832	.1117017	195.6743	.1775817
Stddev	.0022071	.002085	.0007045	.0010795	.0011187	.6662	.0014077
%RSD	.7989108	.8888465	1.021110	.4431648	1.001474	.3404513	.7927001
#1	.2750576	-.236972	.0687129	.2431137	.1113319	194.9523	.1760666
#2	.2788145	-.233396	.0697960	.2448179	.1108148	196.2650	.1778295
#3	.2749290	-.233327	.0684740	.2428179	.1129585	195.8057	.1788490

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0111303	.0024753	42.11128	.5527501	.3499198	.8224659	484.9026
Stddev	.0000999	.0001496	.11297	.0018617	.0003097	.0009553	.8263
%RSD	.8975070	6.042428	.2682719	.3367971	.0884992	.1161558	.1704107
#1	.0112152	.0026271	42.00908	.5548407	.3502425	.8218457	484.4159
#2	.0110202	.0023280	42.09219	.5521379	.3496250	.8235661	485.8567
#3	.0111554	.0024709	42.23259	.5512716	.3498919	.8219859	484.4353

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.526422	144.6626	.4349646	.0295895	2.774422	1.302284	.3236711
Stddev	.015493	.4893	.0004799	.0018982	.771266	.005480	.0135670
%RSD	.1626359	.3382020	.1103340	6.414965	27.79915	.4207655	4.191602
#1	9.515286	144.1220	.4353848	.0276763	3.551411	1.308572	.3111867
#2	9.544116	145.0750	.4344417	.0314722	2.762844	1.298532	.3217175
#3	9.519863	144.7909	.4350675	.0296201	2.009010	1.299747	.3381089

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.261772	2.160338	.0567677	-.002193	.0859709	5.119581	.0369467
Stddev	.041408	.006433	.0055024	.000681	.0031956	.034917	.0006026
%RSD	15.81838	.2977630	9.692802	31.06459	3.717043	.6820202	1.631004
#1	-.218925	2.167711	.0612912	-.001651	.0877014	5.116152	.0364909
#2	-.301573	2.155869	.0506421	-.001970	.0822833	5.156086	.0376299
#3	-.264818	2.157434	.0583697	-.002958	.0879280	5.086506	.0367192

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-01DLX2 Acquired: 12/21/2024 10:12:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	7.467175	-.308519	.0723864
Stddev	.030325	.000372	.0017240
%RSD	.4061068	.1205709	2.381692
#1	7.438776	-.308318	.0706031
#2	7.499115	-.308948	.0725119
#3	7.463634	-.308290	.0740443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.437	23555.69	2464.244	1629.895	2051.233
Stddev	5.115	111.55	11.352	6.608	2.785
%RSD	.2665089	.4735408	.4606506	.4054025	.1357705
#1	1925.223	23485.31	2470.672	1628.197	2054.409
#2	1915.515	23684.30	2451.137	1637.186	2050.081
#3	1917.574	23497.46	2470.923	1624.302	2049.208

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-02DLX2 Acquired: 12/21/2024 10:16:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7826455	-.213003	.8464324	.2218375	.0994656	182.9331	.4610071
Stddev	.0063361	.002738	.0031928	.0030086	.0031777	.5791	.0021846
%RSD	.8095756	1.285315	.3772084	1.356226	3.194817	.3165646	.4738746
#1	.7767918	-.209961	.8479902	.2208951	.0958229	182.2743	.4591227
#2	.7893733	-.215268	.8427597	.2194128	.1009043	183.3615	.4634016
#3	.7817715	-.213781	.8485473	.2252045	.1016695	183.1637	.4604971

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0110099	.0201833	35.66691	.6401095	.3036316	2.874628	436.1698
Stddev	.0001480	.0000298	.05357	.0025160	.0003518	.015995	.7566
%RSD	1.343934	.1476742	.1501998	.3930622	.1158679	.5564169	.1734680
#1	.0108694	.0201651	35.71830	.6430071	.3034167	2.871733	435.5219
#2	.0109960	.0201671	35.61139	.6388422	.3034406	2.891873	437.0013
#3	.0111644	.0202177	35.67105	.6384791	.3040376	2.860278	435.9861

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.470921	125.8346	.4456201	.0316968	1.780990	1.130203	1.383302
Stddev	.029435	.4810	.0014561	.0007667	.357793	.011770	.015305
%RSD	.3474811	.3822385	.3267529	2.418874	20.08955	1.041391	1.106433
#1	8.438282	125.2848	.4463632	.0317058	1.977510	1.130163	1.379415
#2	8.495453	126.0413	.4439425	.0324590	1.368006	1.118454	1.370315
#3	8.479028	126.1777	.4465548	.0309256	1.997452	1.141993	1.400176

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.870072	3.128922	.0508646	-.000705	.6855713	4.212712	.0296578
Stddev	.074121	.003737	.0023107	.000279	.0057677	.017712	.0003159
%RSD	.9418065	.1194416	4.542883	39.53724	.8412997	.4204510	1.065027
#1	7.867680	3.128280	.0533911	-.001007	.6812848	4.210962	.0299387
#2	7.797177	3.125548	.0488584	-.000650	.6833002	4.231234	.0297189
#3	7.945360	3.132939	.0503443	-.000458	.6921288	4.195939	.0293159

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-02DLX2 Acquired: 12/21/2024 10:16:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.963333	-.297417	.0920426
Stddev	.013243	.000208	.0005017
%RSD	.4469085	.0700586	.5450348
#1	2.948442	-.297377	.0914817
#2	2.973792	-.297643	.0921978
#3	2.967766	-.297232	.0924483

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.757	24018.06	2497.645	1669.753	2055.636
Stddev	7.886	28.51	11.470	.808	6.579
%RSD	.4038582	.1187068	.4592459	.0483899	.3200543
#1	1944.347	23998.75	2505.314	1669.680	2049.346
#2	1959.987	24004.62	2484.458	1668.984	2062.470
#3	1953.938	24050.80	2503.162	1670.595	2055.091

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-03DLX2 Acquired: 12/21/2024 10:20:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3162002	-.173436	.1339326	.1820349	.0829964	144.5781	.3031189
Stddev	.0010610	.001181	.0041368	.0044907	.0014278	.2650	.0020565
%RSD	.3355474	.6810844	3.088705	2.466936	1.720305	.1832896	.6784514
#1	.3174251	-.174132	.1295479	.1870317	.0821961	144.7176	.3017910
#2	.3155641	-.174104	.1344836	.1807367	.0821483	144.7442	.3054878
#3	.3156116	-.172072	.1377662	.1783364	.0846449	144.2725	.3020779

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092415	.0033473	40.78786	.4032882	.2944839	.8060860	370.3358
Stddev	.0001207	.0001099	.05255	.0012144	.0007936	.0004048	.5491
%RSD	1.306273	3.282784	.1288494	.3011161	.2694741	.0502194	.1482625
#1	.0092397	.0033592	40.78276	.4018864	.2935684	.8064400	370.0701
#2	.0093631	.0032319	40.84278	.4039578	.2949754	.8056446	370.9672
#3	.0091216	.0034507	40.73804	.4040203	.2949079	.8061733	369.9701

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.015334	98.20645	.3436236	.0253241	1.757726	.9369837	.3392482
Stddev	.024242	.21982	.0014467	.0003672	.279699	.0075408	.0177681
%RSD	.3024438	.2238331	.4210254	1.450016	15.91252	.8047906	5.237488
#1	8.011018	98.35516	.3430880	.0257405	1.584495	.9431780	.3282483
#2	8.041444	98.31023	.3452618	.0251853	2.080402	.9285869	.3297496
#3	7.993540	97.95395	.3425211	.0250466	1.608282	.9391861	.3597467

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.828477	2.702492	.0381161	-.001135	.1939874	5.271754	.0236878
Stddev	.015808	.005706	.0031400	.000201	.0030583	.053253	.0006562
%RSD	.5588724	.2111315	8.237908	17.67805	1.576548	1.010161	2.770285
#1	2.810835	2.696782	.0378202	-.000927	.1905325	5.307589	.0231904
#2	2.841354	2.702500	.0351346	-.001150	.1963482	5.297111	.0244315
#3	2.833242	2.708194	.0413936	-.001328	.1950814	5.210560	.0234415

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-03DLX2 Acquired: 12/21/2024 10:20:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.934985	-.183057	.0591314
Stddev	.009563	.000402	.0050622
%RSD	.1937781	.2194617	8.560875
#1	4.943858	-.182801	.0542912
#2	4.924856	-.183520	.0643896
#3	4.936241	-.182849	.0587135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.795	24104.47	2469.502	1670.073	2081.173
Stddev	1.339	58.72	17.873	4.880	5.771
%RSD	.0684110	.2435878	.7237573	.2922281	.2773174
#1	1957.259	24150.70	2455.666	1674.196	2083.877
#2	1956.806	24124.32	2463.159	1671.339	2074.546
#3	1959.319	24038.41	2489.682	1664.684	2085.097

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-04DLX2 Acquired: 12/21/2024 10:23:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2938289	-.178315	.1173531	.1881290	.0843514	145.2409	.3248067
Stddev	.0020835	.001108	.0021640	.0033446	.0036567	.5460	.0020022
%RSD	.7090740	.6214252	1.844023	1.777843	4.335055	.3759179	.6164218
#1	.2955056	-.177036	.1159224	.1851069	.0801929	144.6412	.3224949
#2	.2914965	-.178996	.1162941	.1875575	.0870641	145.3721	.3259836
#3	.2944848	-.178913	.1198426	.1917225	.0857974	145.7093	.3259417

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0094322	.0030115	40.48766	.3653836	.2983933	.7735779	376.0931
Stddev	.0001205	.0001115	.17571	.0010321	.0014754	.0143395	1.3257
%RSD	1.277547	3.701644	.4339861	.2824575	.4944547	1.853657	.3525007
#1	.0092942	.0028898	40.28709	.3665556	.2979793	.7570996	374.5973
#2	.0094865	.0030360	40.56143	.3649844	.2971691	.7804140	376.5591
#3	.0095161	.0031087	40.61446	.3646108	.3000315	.7832202	377.1230

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.976152	95.80833	.3195733	.0250930	2.425493	.9755294	.3382902
Stddev	.029535	.42135	.0004190	.0010320	.163799	.0060297	.0049416
%RSD	.3702953	.4397793	.1311193	4.112573	6.753205	.6180956	1.460770
#1	7.942122	95.47282	.3200568	.0248170	2.237132	.9773136	.3398915
#2	7.991217	95.67094	.3193481	.0262349	2.504837	.9804657	.3422327
#3	7.995116	96.28121	.3193151	.0242271	2.534509	.9688089	.3327465

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.905725	2.669293	.0474708	-.000740	.2107633	4.396455	.0248458
Stddev	.094659	.005548	.0050941	.000757	.0073144	.037359	.0005584
%RSD	3.257656	.2078476	10.73090	102.3490	3.470451	.8497480	2.247425
#1	2.822628	2.663732	.0465038	-.001594	.2055620	4.372879	.0254100
#2	2.885780	2.669318	.0529791	-.000476	.2076010	4.376958	.0242934
#3	3.008767	2.674828	.0429296	-.000150	.2191268	4.439529	.0248340

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-04DLX2 Acquired: 12/21/2024 10:23:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.255509	-.185400	.0595619
Stddev	.017120	.000748	.0018458
%RSD	.3257624	.4034077	3.098901
#1	5.235740	-.184780	.0576289
#2	5.265239	-.185189	.0597511
#3	5.265546	-.186230	.0613058

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1966.074	24166.84	2499.630	1667.646	2080.870
Stddev	3.194	88.91	10.130	3.000	2.607
%RSD	.1624395	.3678925	.4052493	.1798740	.1252994
#1	1966.331	24144.07	2508.221	1664.198	2081.102
#2	1969.131	24091.54	2502.208	1669.657	2083.353
#3	1962.759	24264.92	2488.460	1669.082	2078.154

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-05DLX2 Acquired: 12/21/2024 10:27:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3287423	-.205651	.1289404	.2152286	.0950241	168.1589	.3506936
Stddev	.0072520	.005231	.0022050	.0071128	.0026049	.6100	.0033927
%RSD	2.205979	2.543723	1.710109	3.304745	2.741284	.3627785	.9674161
#1	.3207971	-.211564	.1307733	.2165521	.0920232	167.9508	.3480934
#2	.3304242	-.201625	.1295545	.2215867	.0963468	168.8458	.3545313
#3	.3350055	-.203765	.1264934	.2075471	.0967022	167.6802	.3494560

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107735	.0040240	46.04662	.4370463	.3584042	.9133281	433.8332
Stddev	.0000874	.0000618	.19253	.0008780	.0007602	.0096503	1.0708
%RSD	.8114286	1.535620	.4181142	.2008882	.2121187	1.056603	.2468257
#1	.0108639	.0040397	45.97922	.4380524	.3576548	.9170344	433.8753
#2	.0107672	.0039558	46.26378	.4366515	.3583830	.9205757	434.8824
#3	.0106894	.0040764	45.89685	.4364350	.3591749	.9023741	432.7420

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.327765	112.9684	.3813785	.0287189	2.103609	1.121857	.3733049
Stddev	.028770	.4162	.0009765	.0011422	.503805	.013212	.0048370
%RSD	.3084376	.3684588	.2560450	3.977005	23.94956	1.177708	1.295731
#1	9.310933	112.7307	.3809787	.0279592	2.251219	1.116403	.3695703
#2	9.360985	113.4490	.3806653	.0300324	1.542487	1.136923	.3715755
#3	9.311377	112.7254	.3824914	.0281652	2.517121	1.112244	.3787689

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.018311	2.989584	.0496889	-.000726	.2304034	3.943908	.0322998
Stddev	.158022	.006674	.0057038	.000528	.0030353	.032306	.0008330
%RSD	5.235442	.2232288	11.47902	72.78250	1.317366	.8191392	2.578975
#1	3.200708	2.995022	.0462532	-.000134	.2269058	3.966013	.0316935
#2	2.922704	2.982137	.0465406	-.000895	.2323469	3.958878	.0332496
#3	2.931521	2.991594	.0562730	-.001148	.2319574	3.906832	.0319563

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-05DLX2 Acquired: 12/21/2024 10:27:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.014919	-.219857	.0656204
Stddev	.017742	.000769	.0024329
%RSD	.2949730	.3498662	3.707601
#1	5.996954	-.219493	.0667312
#2	6.032430	-.220741	.0672997
#3	6.015372	-.219338	.0628303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.883	24400.24	2518.283	1689.658	2068.805
Stddev	2.542	76.79	9.270	6.667	.190
%RSD	.1285809	.3147172	.3681112	.3946009	.0092013
#1	1978.145	24464.50	2508.368	1695.588	2068.967
#2	1973.957	24421.04	2519.746	1690.946	2068.595
#3	1978.546	24315.20	2526.734	1682.441	2068.853

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-06DLX2 Acquired: 12/21/2024 10:31:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3823919	-.214024	.0935137	.2303302	.0990926	191.8463	.4522098
Stddev	.0077059	.007361	.0014126	.0065340	.0032055	.3542	.0007003
%RSD	2.015179	3.439470	1.510541	2.836779	3.234810	.1846497	.1548727
#1	.3865976	-.222261	.0919097	.2339487	.0954026	192.1375	.4527378
#2	.3870799	-.211723	.0940591	.2342544	.1011888	191.9495	.4524763
#3	.3734983	-.208088	.0945721	.2227875	.1006862	191.4519	.4514154

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0108651	.0034876	50.27180	.4069337	.4742528	.9478436	462.7242
Stddev	.0001973	.0002194	.14184	.0010638	.0006647	.0066962	.9885
%RSD	1.816242	6.292045	.2821541	.2614128	.1401486	.7064693	.2136289
#1	.0110891	.0032358	50.39707	.4076945	.4743398	.9403976	463.6175
#2	.0107168	.0035892	50.30054	.4073885	.4735490	.9497617	462.8929
#3	.0107895	.0036379	50.11778	.4057181	.4748698	.9533715	461.6622

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.33710	123.6951	.4281430	.0299267	2.282592	1.221048	.3131957
Stddev	.04170	.4549	.0010672	.0014929	.485928	.010867	.0051902
%RSD	.2908561	.3677463	.2492704	4.988543	21.28844	.8899951	1.657166
#1	14.37629	124.1532	.4279298	.0315333	1.807711	1.214313	.3191733
#2	14.34174	123.6886	.4271984	.0296644	2.261206	1.233585	.3105798
#3	14.29328	123.2435	.4293007	.0285823	2.778861	1.215247	.3098340

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.637224	2.680286	.0524150	-.001159	.1390535	3.444512	.0272436
Stddev	.068778	.008624	.0016500	.000615	.0028615	.015353	.0004935
%RSD	4.200872	.3217650	3.148028	53.03591	2.057868	.4457206	1.811307
#1	1.697828	2.671632	.0515039	-.001869	.1378525	3.444072	.0277214
#2	1.651372	2.688880	.0514214	-.000811	.1369882	3.460080	.0267358
#3	1.562473	2.680345	.0543197	-.000797	.1423198	3.429384	.0272735

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-06DLX2 Acquired: 12/21/2024 10:31:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.019639	-.219469	.0863848
Stddev	.007824	.000929	.0044641
%RSD	.3873933	.4233540	5.167673
#1	2.015794	-.220291	.0909731
#2	2.028642	-.219654	.0861250
#3	2.014482	-.218461	.0820562

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1989.825	24556.95	2534.981	1700.105	2048.162
Stddev	5.152	94.78	19.357	5.461	8.608
%RSD	.2589109	.3859495	.7635916	.3212198	.4202640
#1	1995.598	24502.40	2527.160	1698.831	2058.054
#2	1988.182	24502.06	2520.757	1695.394	2044.055
#3	1985.695	24666.39	2557.024	1706.091	2042.377

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-07DLX2 Acquired: 12/21/2024 10:35:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2770302	-.195650	.0605924	.2138276	.0909501	179.2635	.3895479
Stddev	.0059055	.002885	.0011222	.0007973	.0015252	.4021	.0012331
%RSD	2.131733	1.474712	1.852062	.3728844	1.677016	.2243101	.3165605
#1	.2834529	-.193331	.0593426	.2141250	.0892396	179.7170	.3906157
#2	.2718346	-.194738	.0609209	.2129243	.0921688	178.9504	.3881982
#3	.2758031	-.198881	.0615138	.2144335	.0914418	179.1232	.3898298

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0096442	.0027557	44.38983	.4612565	.4261206	.9439490	423.9311
Stddev	.0001720	.0001362	.17883	.0016164	.0027341	.0040799	1.5859
%RSD	1.783635	4.943691	.4028684	.3504381	.6416287	.4322165	.3740861
#1	.0094468	.0028134	44.56934	.4608829	.4284017	.9415716	425.6863
#2	.0097241	.0028536	44.21169	.4630271	.4268702	.9486600	423.5056
#3	.0097618	.0026001	44.38847	.4598597	.4230898	.9416154	422.6014

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.47531	125.8091	.4532827	.0273758	1.664149	1.154861	.2680394
Stddev	.05244	.5590	.0031053	.0008755	.418660	.007597	.0056903
%RSD	.3891297	.4443220	.6850788	3.198006	25.15762	.6578479	2.122941
#1	13.52834	126.4160	.4560853	.0272717	1.212829	1.152798	.2657376
#2	13.47411	125.6960	.4538185	.0265570	2.039839	1.163276	.2745200
#3	13.42348	125.3154	.4499443	.0282986	1.739781	1.148508	.2638605

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.650438	1.575191	.0521741	-.001857	.0783936	4.241321	.0257755
Stddev	.218846	.006870	.0032131	.000821	.0079680	.036455	.0016802
%RSD	13.25985	.4361093	6.158491	44.20015	10.16412	.8595137	6.518457
#1	1.876558	1.583113	.0542746	-.001808	.0865127	4.283348	.0264132
#2	1.635080	1.571587	.0484752	-.001062	.0705858	4.222362	.0238699
#3	1.439676	1.570874	.0537725	-.002701	.0780822	4.218252	.0270435

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-07DLX2 Acquired: 12/21/2024 10:35:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.475507	-.232173	.0822652
Stddev	.005093	.001077	.0040195
%RSD	.1465533	.4637387	4.886000
#1	3.481329	-.233414	.0779135
#2	3.471874	-.231605	.0830436
#3	3.473319	-.231498	.0858386

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.048	23712.01	2473.518	1643.455	2067.994
Stddev	12.903	43.87	16.701	1.306	13.417
%RSD	.6633794	.1850056	.6752072	.0794590	.6487931
#1	1931.426	23762.35	2454.545	1643.968	2055.549
#2	1946.631	23691.79	2480.008	1644.427	2066.224
#3	1957.086	23681.91	2486.000	1641.971	2082.207

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV092 Acquired: 12/21/2024 10:39:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.857491	4.712046	24.46772	4.760514	4.751795	405.3158	10.15853
Stddev	.015656	.008156	.04588	.006636	.004262	.4961	.01504
%RSD	.3223060	.1730937	.1875181	.1393892	.0896882	.1223986	.1480945
#1	4.859181	4.705183	24.42179	4.753003	4.747198	404.9095	10.14470
#2	4.841058	4.709891	24.46782	4.762956	4.755614	405.1692	10.15634
#3	4.872233	4.721063	24.51355	4.765583	4.752573	405.8687	10.17455

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5107501	2.466744	405.2450	15.32691	2.439051	15.08743	405.1004
Stddev	.0026745	.002344	.4764	.03405	.002572	.01428	.8095
%RSD	.5236439	.0950232	.1175497	.2221365	.1054357	.0946330	.1998162
#1	.5076890	2.465684	405.0166	15.29475	2.437421	15.08608	404.2070
#2	.5126342	2.465117	404.9258	15.36257	2.437716	15.07388	405.3093
#3	.5119272	2.469430	405.7925	15.32341	2.442015	15.10234	405.7850

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.81929	402.7655	2.475234	1.285789	407.5989	2.493323	14.59232
Stddev	.02989	.6642	.001805	.000727	1.6180	.014490	.04536
%RSD	.2017233	.1648989	.0729084	.0565145	.3969641	.5811578	.3108324
#1	14.79085	402.0111	2.473279	1.285445	405.7358	2.506044	14.62221
#2	14.81658	403.0229	2.476837	1.285299	408.4086	2.496376	14.54013
#3	14.85045	403.2623	2.475587	1.286624	408.6522	2.477550	14.61462

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.9603	4.875277	4.931017	4.748925	4.801363	4.976597	4.832293
Stddev	.6589	.009992	.035055	.005550	.008098	.033430	.007691
%RSD	.4364888	.2049520	.7109139	.1168743	.1686611	.6717514	.1591508
#1	150.2152	4.866597	4.895521	4.742587	4.810477	4.942248	4.823413
#2	151.1993	4.873035	4.965615	4.751268	4.794995	5.009026	4.836714
#3	151.4663	4.886200	4.931916	4.752920	4.798616	4.978516	4.836753

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV092 Acquired: 12/21/2024 10:39:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV092 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.943295	4.780388	5.169879
Stddev	.008622	.012910	.005923
%RSD	.1744132	.2700607	.1145581
#1	4.943052	4.766199	5.166507
#2	4.952035	4.783524	5.166412
#3	4.934797	4.791441	5.176717

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1535.700	20392.58	2228.233	1297.830	1761.204
Stddev	1.039	85.06	1.815	4.779	2.308
%RSD	.0676814	.4171320	.0814464	.3682221	.1310261
#1	1536.900	20297.62	2226.154	1292.332	1763.733
#2	1535.122	20461.81	2229.048	1300.175	1760.668
#3	1535.078	20418.31	2229.498	1300.983	1759.212

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB092 Acquired: 12/21/2024 10:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0012379	.0006917	.0030948	.0029063	-.002224	-.013944
Stddev	.0018240	.0023729	.0017300	.0035571	.000727	.041092
%RSD	147.3438	343.0462	55.90132	122.3928	32.68082	294.6998
#1	-.000850	.0008525	.0050738	.0005330	-.002386	-.061138
#2	.002520	-.001757	.0023417	.0069961	-.001430	.005400
#3	.002044	.002980	.0018690	.0011897	-.002856	.013907

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011543	.0000622	.0001332	.0023564	-.000266	.0002691
Stddev	.0010507	.0001251	.0000371	.0617364	.000422	.0002953
%RSD	91.02170	201.0520	27.83975	2619.929	158.4044	109.7304
#1	.0001623	-.000032	.0001760	-.031713	.000033	.0000722
#2	.0022552	.000204	.0001140	-.034838	-.000749	.0006087
#3	.0010454	.000015	.0001097	.073621	-.000084	.0001265

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004167	.0292137	-.000005	.0668873	.0004297	.0006274
Stddev	.006052	.0163709	.001338	.0675999	.0008754	.0013570
%RSD	145.2471	56.03831	28907.69	101.0653	203.7398	216.2798
#1	-.008383	.0436018	-.000823	.1449443	.0009679	-.000803
#2	-.006885	.0326378	.001540	.0275758	.0009014	.001896
#3	.002768	.0114016	-.000731	.0281419	-.000580	.000790

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.685087	-.007019	-.003447	-.555339	-.005861	.0128075
Stddev	.915944	.000868	.007906	.029311	.001916	.0024930
%RSD	54.35591	12.37250	229.3547	5.277960	32.68863	19.46508
#1	2.015459	-.006692	-.002776	-.532662	-.005799	.0154910
#2	2.390012	-.008004	.004102	-.588435	-.003978	.0123681
#3	.649789	-.006362	-.011667	-.544919	-.007808	.0105635

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB092 Acquired: 12/21/2024 10:43:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0002259	-.004879	-.003682	F -.012197	.0017060	.0000452
Stddev	.0001608	.002489	.000154	.001349	.0020707	.0001900
%RSD	71.14614	51.02186	4.191693	11.05637	121.3790	420.4099
#1	.0003929	-.005795	-.003859	-.010645	.0002296	.0002004
#2	.0000723	-.006781	-.003606	-.012870	.0008153	-.000167
#3	.0002126	-.002062	-.003579	-.013078	.0040729	.000102

Elem	Li6707
Units	ppm
Avg	F .0171679
Stddev	.0053160
%RSD	30.96495
#1	.0123200
#2	.0228528
#3	.0163310

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1840.385	22625.16	2267.438	1558.662	2166.885
Stddev	9.239	26.35	5.873	3.952	8.947
%RSD	.5020295	.1164486	.2590229	.2535698	.4128938
#1	1830.069	22626.66	2267.215	1561.690	2156.610
#2	1847.900	22650.73	2261.680	1554.191	2172.946
#3	1843.184	22598.10	2273.420	1560.104	2171.101

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-08DLX2 Acquired: 12/21/2024 10:47:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4057180	-.223860	.1317969	.2395764	.1063749	209.7256	.2284736
Stddev	.0038117	.002817	.0024376	.0024287	.0021963	.8669	.0009881
%RSD	.9395031	1.258589	1.849477	1.013728	2.064647	.4133309	.4324691
#1	.4057008	-.222086	.1294260	.2409669	.1038630	208.7806	.2294186
#2	.4019149	-.227109	.1316686	.2367721	.1079328	209.9123	.2274475
#3	.4095383	-.222386	.1342960	.2409903	.1073290	210.4838	.2285546

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114364	.0040168	51.47954	.8416917	.3871533	1.317865	475.2763
Stddev	.0003671	.0000447	.22103	.0034897	.0013853	.010449	2.3404
%RSD	3.210140	1.112697	.4293490	.4146038	.3578218	.7928701	.4924374
#1	.0118511	.0040162	51.23694	.8457049	.3864842	1.326125	472.8218
#2	.0111528	.0039724	51.66949	.8393707	.3862296	1.321352	475.5240
#3	.0113054	.0040618	51.53217	.8399996	.3887462	1.306119	477.4830

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.26257	163.6781	.5987259	.0315232	2.125214	1.140692	.3687002
Stddev	.04145	.8419	.0017053	.0009610	.414745	.013953	.0059585
%RSD	.4038561	.5143581	.2848245	3.048539	19.51547	1.223195	1.616089
#1	10.21721	162.7292	.5994496	.0306130	1.861202	1.150926	.3700115
#2	10.27202	163.9694	.5967781	.0314285	1.911189	1.124798	.3621953
#3	10.29847	164.3356	.5999500	.0325280	2.603250	1.146351	.3738939

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.509714	2.073516	.0579654	-.001333	.1632361	3.806352	.0350546
Stddev	.067054	.000992	.0033572	.000438	.0056906	.028735	.0010788
%RSD	13.15527	.0478336	5.791752	32.83900	3.486124	.7549187	3.077338
#1	-.460677	2.072838	.0544120	-.001024	.1687998	3.839091	.0357280
#2	-.482341	2.073055	.0610840	-.001834	.1634821	3.785313	.0338104
#3	-.586125	2.074654	.0584002	-.001141	.1574265	3.794651	.0356254

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-08DLX2 Acquired: 12/21/2024 10:47:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.858017	-.314047	.0962207
Stddev	.029480	.001264	.0020575
%RSD	.5032433	.4026321	2.138305
#1	5.831952	-.312836	.0947590
#2	5.852087	-.313946	.0985735
#3	5.890011	-.315359	.0953296

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.283	23755.83	2476.891	1647.590	2048.231
Stddev	4.929	55.98	10.736	4.484	6.778
%RSD	.2553654	.2356313	.4334348	.2721538	.3309293
#1	1930.276	23800.57	2471.445	1648.626	2045.192
#2	1935.215	23773.87	2489.258	1651.465	2055.997
#3	1925.357	23693.06	2469.970	1642.679	2043.505

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-09DLX2 Acquired: 12/21/2024 10:51:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2733334	-.188906	.0943942	.2017018	.0953676	178.7433	.1775245
Stddev	.0032251	.003371	.0019493	.0023787	.0011027	.5912	.0002558
%RSD	1.179908	1.784723	2.065036	1.179295	1.156298	.3307784	.1440705
#1	.2699913	-.185917	.0961747	.1989555	.0947339	178.9879	.1775572
#2	.2764271	-.192561	.0923115	.2030372	.0966410	179.1729	.1777624
#3	.2735818	-.188240	.0946964	.2031126	.0947281	178.0690	.1772540

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097788	.0031195	40.57983	.7381112	.3104324	.9926180	405.9177
Stddev	.0001406	.0001227	.07288	.0023951	.0000669	.0077190	1.5094
%RSD	1.437406	3.931663	.1795849	.3244838	.0215595	.7776384	.3718530
#1	.0098328	.0032477	40.65324	.7365036	.3103741	1.000066	407.4492
#2	.0098844	.0030032	40.57875	.7408639	.3104175	.993135	405.8726
#3	.0096193	.0031077	40.50751	.7369663	.3105055	.984654	404.4314

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.423110	142.5175	.5056728	.0259869	2.042362	.9866125	.3051189
Stddev	.026591	.4205	.0007649	.0006876	.792759	.0024262	.0061534
%RSD	.3582173	.2950857	.1512706	2.646056	38.81580	.2459117	2.016730
#1	7.438151	142.9139	.5059044	.0260028	2.751022	.9883912	.2992658
#2	7.438770	142.5623	.5048188	.0266665	2.189845	.9875977	.3115341
#3	7.392407	142.0763	.5062952	.0252915	1.186218	.9838487	.3045569

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.31908	1.564305	.0442510	-.002017	.0872239	3.012229	.0299450
Stddev	.14446	.004406	.0035652	.000267	.0053334	.010624	.0004430
%RSD	10.95149	.2816667	8.056876	13.22241	6.114568	.3527000	1.479367
#1	-1.15694	1.563036	.0401346	-.002323	.0915185	3.024186	.0301575
#2	-1.43406	1.560672	.0462605	-.001888	.0888993	3.003875	.0294358
#3	-1.36625	1.569206	.0463579	-.001838	.0812540	3.008627	.0302418

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-09DLX2 Acquired: 12/21/2024 10:51:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.322230	-.274354	.0780475
Stddev	.018200	.001396	.0008422
%RSD	.2878727	.5086504	1.079119
#1	6.336042	-.275890	.0774369
#2	6.329041	-.274009	.0790084
#3	6.301607	-.273163	.0776974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.988	23345.98	2417.431	1613.426	2059.559
Stddev	2.317	77.46	13.263	9.226	.548
%RSD	.1216051	.3317959	.5486394	.5718383	.0265995
#1	1907.322	23317.29	2405.152	1609.416	2058.937
#2	1904.953	23286.96	2415.645	1606.883	2059.967
#3	1902.690	23433.70	2431.497	1623.978	2059.774

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-10DLX2 Acquired: 12/21/2024 10:55:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3105843	-.196177	.1179604	.2082281	.0927612	181.3488	.1832969
Stddev	.0132367	.003215	.0018008	.0021003	.0032034	.4953	.0021921
%RSD	4.261873	1.639070	1.526648	1.008641	3.453342	.2731396	1.195907
#1	.3093165	-.199838	.1158963	.2073129	.0926199	181.9197	.1858116
#2	.3244092	-.194880	.1192103	.2106306	.0960329	181.0923	.1822897
#3	.2980271	-.193812	.1187748	.2067406	.0896309	181.0342	.1817895

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0100515	.0034839	44.16571	.7428609	.3338388	1.055367	412.8499
Stddev	.0000665	.0000363	.03481	.0029471	.0003618	.003277	1.1099
%RSD	.6614205	1.040958	.0788199	.3967255	.1083822	.3105179	.2688294
#1	.0100951	.0034452	44.20542	.7394825	.3341992	1.058834	414.0979
#2	.0100844	.0034894	44.15127	.7449043	.3334755	1.052320	412.4782
#3	.0099749	.0035170	44.14044	.7441959	.3338418	1.054947	411.9736

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.163136	136.7410	.5165940	.0269999	2.497757	1.025540	.3359037
Stddev	.036069	.3775	.0008330	.0012129	1.225132	.006215	.0151526
%RSD	.4418464	.2760654	.1612460	4.492363	49.04931	.6060594	4.511009
#1	8.203719	137.1754	.5162743	.0280798	2.244371	1.021448	.3403188
#2	8.150951	136.4926	.5175394	.0256875	1.419130	1.032692	.3190338
#3	8.134738	136.5551	.5159682	.0272323	3.829769	1.022479	.3483584

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.931088	1.603604	.0472798	-.000956	.1689033	3.333334	.0293704
Stddev	.113669	.002022	.0014122	.000826	.0063497	.009898	.0009559
%RSD	12.20818	.1260948	2.986882	86.42942	3.759386	.2969485	3.254516
#1	-1.01561	1.605936	.0488838	-.000080	.1636004	3.335122	.0302522
#2	-.97579	1.602333	.0462237	-.001066	.1671699	3.342217	.0295045
#3	-.80186	1.602543	.0467318	-.001722	.1759398	3.322664	.0283546

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-10DLX2 Acquired: 12/21/2024 10:55:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.422994	-.262042	.0783009
Stddev	.016358	.000910	.0006801
%RSD	.3016497	.3473407	.8686246
#1	5.438846	-.263041	.0782909
#2	5.423964	-.261825	.0789859
#3	5.406172	-.261260	.0776258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.808	23870.71	2458.276	1649.258	2074.016
Stddev	8.287	135.54	10.872	15.623	8.953
%RSD	.4287718	.5678049	.4422556	.9472958	.4316944
#1	1927.083	23751.23	2446.604	1632.228	2067.480
#2	1929.029	24017.99	2468.115	1662.929	2070.348
#3	1942.311	23842.90	2460.107	1652.617	2084.221

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-11DLX2 Acquired: 12/21/2024 10:59:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3242075	-.206841	.1280742	.2185596	.0977857	191.5702	.2176403
Stddev	.0074020	.001836	.0043867	.0037221	.0023034	1.1650	.0014727
%RSD	2.283097	.8877972	3.425090	1.702996	2.355564	.6081445	.6766529
#1	.3156884	-.205601	.1260324	.2228388	.0989426	190.4059	.2180391
#2	.3278685	-.208950	.1250805	.2167672	.0992813	192.7360	.2188726
#3	.3290655	-.205971	.1331095	.2160729	.0951331	191.5687	.2160093

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103882	.0039090	46.50255	.7776832	.3727374	1.162313	434.0423
Stddev	.0002014	.0001048	.17973	.0020976	.0017261	.010816	2.5346
%RSD	1.938951	2.681889	.3864894	.2697215	.4630981	.9305823	.5839617
#1	.0106120	.0038949	46.29541	.7798835	.3740947	1.151804	431.7434
#2	.0102214	.0040201	46.61725	.7774599	.3707946	1.173413	436.7604
#3	.0103313	.0038119	46.59497	.7757062	.3733227	1.161723	433.6231

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.148548	143.2197	.5477469	.0268567	1.790027	1.075801	.3498926
Stddev	.061336	.8777	.0021435	.0016485	.700898	.010368	.0061459
%RSD	.6704428	.6128452	.3913334	6.138155	39.15569	.9637229	1.756525
#1	9.089988	142.6048	.5501927	.0249878	2.593519	1.063829	.3501311
#2	9.212326	144.2249	.5468529	.0281044	1.304270	1.081857	.3436308
#3	9.143329	142.8294	.5461951	.0274779	1.472293	1.081716	.3559157

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.836949	1.865010	.0567992	-.001375	.1936147	4.450384	.0292099
Stddev	.118649	.005288	.0064584	.000325	.0025075	.034081	.0024736
%RSD	14.17636	.2835297	11.37064	23.64464	1.295075	.7657958	8.468320
#1	-.970046	1.861369	.0493467	-.001712	.1942650	4.482656	.0268223
#2	-.742267	1.862586	.0602868	-.001349	.1908461	4.453750	.0317614
#3	-.798534	1.871076	.0607641	-.001063	.1957329	4.414745	.0290460

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-11DLX2 Acquired: 12/21/2024 10:59:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZC9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.727846	-.272486	.0851587
Stddev	.050403	.001315	.0013018
%RSD	.8799573	.4826248	1.528655
#1	5.692314	-.271448	.0842669
#2	5.785531	-.273965	.0866526
#3	5.705693	-.272045	.0845567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.025	23702.90	2470.311	1636.840	2057.592
Stddev	6.819	31.00	11.820	8.774	5.331
%RSD	.3540236	.1307743	.4784659	.5360467	.2590986
#1	1922.107	23669.86	2462.233	1637.188	2053.435
#2	1933.899	23731.33	2464.823	1645.435	2063.603
#3	1922.070	23707.50	2483.877	1627.897	2055.739

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-12DLX2 Acquired: 12/21/2024 11:03:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2022972	-.170332	.0797129	.1802640	.0822755	154.1988	.1469524
Stddev	.0077512	.005118	.0020169	.0026537	.0025549	.7744	.0011459
%RSD	3.831593	3.005016	2.530221	1.472122	3.105333	.5022200	.7798018
#1	.2059092	-.174311	.0815763	.1816926	.0794399	153.7707	.1464358
#2	.1933992	-.164557	.0775713	.1772021	.0843984	153.7330	.1461557
#3	.2075831	-.172126	.0799911	.1818974	.0829883	155.0927	.1482657

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086506	.0025233	37.59452	.6073557	.2747185	.8406149	359.2511
Stddev	.0001335	.0000732	.15714	.0013472	.0013108	.0063444	2.2833
%RSD	1.542908	2.900088	.4179814	.2218069	.4771255	.7547294	.6355610
#1	.0085325	.0024799	37.55877	.6089033	.2734264	.8473432	357.6758
#2	.0087954	.0026078	37.45834	.6067181	.2746818	.8347412	358.2079
#3	.0086240	.0024823	37.76646	.6064458	.2760471	.8397601	361.8696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.618515	120.0727	.4362920	.0240580	1.958134	.8538426	.2644346
Stddev	.037411	.6369	.0007032	.0005532	.422854	.0063564	.0081157
%RSD	.5652432	.5304374	.1611865	2.299535	21.59474	.7444464	3.069062
#1	6.587800	119.7267	.4357764	.0236738	1.753711	.8557035	.2677902
#2	6.607567	119.6837	.4360066	.0246921	1.676336	.8467635	.2551793
#3	6.660179	120.8077	.4370931	.0238081	2.444356	.8590610	.2703343

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.79965	1.351132	.0403457	-.001832	.1306225	3.809288	.0278332
Stddev	.11668	.002181	.0054660	.000331	.0044456	.048275	.0012806
%RSD	6.483416	.1613999	13.54801	18.06127	3.403429	1.267294	4.601166
#1	-1.89635	1.353631	.0459076	-.001521	.1255023	3.774141	.0293042
#2	-1.67006	1.349616	.0401488	-.001795	.1335012	3.789392	.0272288
#3	-1.83255	1.350149	.0349808	-.002179	.1328638	3.864331	.0269666

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-12DLX2 Acquired: 12/21/2024 11:03:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.473743	-.232597	.0652142
Stddev	.044485	.001495	.0041256
%RSD	.6871611	.6425925	6.326192
#1	6.455677	-.231296	.0688958
#2	6.441132	-.232265	.0659915
#3	6.524418	-.234230	.0607553

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1920.653	23652.38	2437.172	1635.594	2089.324
Stddev	2.893	100.19	17.699	7.968	3.222
%RSD	.1506432	.4235869	.7261952	.4871325	.1542037
#1	1918.761	23575.71	2451.051	1627.218	2090.495
#2	1919.214	23615.69	2443.224	1636.486	2085.680
#3	1923.984	23765.74	2417.242	1643.078	2091.796

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-13DLX2 Acquired: 12/21/2024 11:07:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3861362	-.233766	.0697841	.2492895	.1099950	218.3046	.2547774
Stddev	.0030437	.004927	.0015542	.0031523	.0025938	.7337	.0012525
%RSD	.7882485	2.107773	2.227201	1.264510	2.358131	.3361016	.4916054
#1	.3839869	-.232328	.0715396	.2470178	.1081198	218.2254	.2549998
#2	.3896190	-.239252	.0692294	.2528883	.1089102	219.0748	.2559038
#3	.3848025	-.229718	.0685833	.2479623	.1129552	217.6138	.2534286

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0112387	.0032539	46.28761	.6335396	.4493907	1.123642	499.8284
Stddev	.0002036	.0002169	.21055	.0036081	.0021918	.008035	2.3058
%RSD	1.811965	6.665028	.4548668	.5695133	.4877167	.7150766	.4613278
#1	.0112772	.0033958	46.19512	.6346463	.4502285	1.115099	499.3777
#2	.0114204	.0033616	46.52857	.6364647	.4510400	1.124782	502.3264
#3	.0110186	.0030042	46.13914	.6295078	.4469037	1.131047	497.7813

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.08276	172.3249	.5769157	.0323234	2.800384	1.371480	.3390645
Stddev	.05218	.8046	.0051241	.0018808	.601049	.004525	.0087072
%RSD	.3704895	.4669208	.8881915	5.818776	21.46308	.3299715	2.568009
#1	14.07820	171.9011	.5797811	.0311497	3.414048	1.376698	.3303283
#2	14.13706	173.2529	.5799662	.0313278	2.774304	1.368624	.3391228
#3	14.03301	171.8209	.5709999	.0344928	2.212800	1.369119	.3477424

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.417922	2.038870	.0586472	-.001735	.0791916	4.257959	.0301989
Stddev	.200928	.014147	.0044299	.000199	.0058440	.039880	.0009249
%RSD	48.07792	.6938672	7.553550	11.48884	7.379545	.9365934	3.062699
#1	-.534476	2.043494	.0598294	-.001894	.0808142	4.275756	.0293448
#2	-.185911	2.050126	.0537461	-.001799	.0840528	4.285841	.0300706
#3	-.533377	2.022990	.0623661	-.001511	.0727078	4.212279	.0311813

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-13DLX2 Acquired: 12/21/2024 11:07:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.553819	-.279262	.1146482
Stddev	.011613	.001280	.0018320
%RSD	.4547134	.4584485	1.597967
#1	2.552787	-.279355	.1167608
#2	2.565913	-.280493	.1134976
#3	2.542757	-.277938	.1136861

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1947.291	23805.51	2489.425	1646.996	2053.093
Stddev	6.240	70.04	22.837	3.543	6.947
%RSD	.3204400	.2942263	.9173603	.2150998	.3383491
#1	1948.570	23726.90	2473.026	1643.569	2053.590
#2	1940.511	23828.33	2479.741	1650.644	2045.911
#3	1952.793	23861.29	2515.508	1646.774	2059.777

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-14DLX2 Acquired: 12/21/2024 11:11:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7086607	-.172800	.7020250	.1832437	.0832309	168.7128	.3841555
Stddev	.0030153	.003568	.0011562	.0039937	.0021342	1.0548	.0020711
%RSD	.4254913	2.064684	.1646898	2.179444	2.564237	.6252141	.5391361
#1	.7121305	-.168803	.7007440	.1796101	.0829411	167.5629	.3822745
#2	.7066763	-.173938	.7029910	.1875196	.0854952	168.9402	.3838171
#3	.7071753	-.175661	.7023401	.1826013	.0812564	169.6354	.3863750

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091013	.0162466	38.36032	.7030125	.2341684	2.226152	360.4042
Stddev	.0001248	.0000643	.18557	.0042645	.0009063	.011988	2.5625
%RSD	1.371056	.3955357	.4837680	.6066043	.3870106	.5384855	.7109969
#1	.0089667	.0162926	38.18938	.7078684	.2334447	2.212759	357.7421
#2	.0092131	.0162741	38.33388	.6998768	.2338758	2.235877	360.6169
#3	.0091243	.0161732	38.55769	.7012922	.2351848	2.229820	362.8537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.499067	129.2659	.4420948	.0261619	2.020084	.9815328	1.118441
Stddev	.043554	.8241	.0005021	.0014994	.765290	.0048423	.016747
%RSD	.6701619	.6375576	.1135777	5.731038	37.88405	.4933426	1.497325
#1	6.453607	128.3187	.4422507	.0259637	2.013772	.9761106	1.121542
#2	6.503168	129.6596	.4425004	.0277505	1.257970	.9854260	1.100360
#3	6.540426	129.8193	.4415332	.0247715	2.788510	.9830619	1.133420

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.994856	2.625736	.0519376	-.000398	1.596322	3.375317	.0214688
Stddev	.187326	.004479	.0034167	.000568	.008340	.025089	.0013549
%RSD	2.678054	.1705673	6.578428	142.6907	.5224264	.7432956	6.310799
#1	6.798095	2.623627	.0480100	-.000432	1.591782	3.346622	.0222756
#2	7.171049	2.622701	.0535790	.000186	1.591238	3.386215	.0222262
#3	7.015425	2.630880	.0542239	-.000950	1.605947	3.393113	.0199046

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-14DLX2 Acquired: 12/21/2024 11:11:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.736411	-.245348	.0811709
Stddev	.012715	.001862	.0020352
%RSD	.7322367	.7589937	2.507329
#1	1.724798	-.243642	.0831692
#2	1.734438	-.245069	.0791007
#3	1.749997	-.247334	.0812427

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1922.037	23659.65	2452.311	1642.988	2054.381
Stddev	8.790	114.47	13.608	7.977	10.424
%RSD	.4573057	.4838213	.5549228	.4855453	.5074106
#1	1930.332	23536.14	2468.018	1637.363	2064.495
#2	1922.953	23762.17	2444.844	1652.117	2054.976
#3	1912.825	23680.64	2444.070	1639.483	2043.673

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-15DLX2 Acquired: 12/21/2024 11:15:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3389880	-.240124	.1473007	.2492286	.1104440	234.4722	.2493511
Stddev	.0074365	.004537	.0028694	.0050295	.0044137	1.0698	.0007264
%RSD	2.193733	1.889263	1.947963	2.018029	3.996296	.4562731	.2913218
#1	.3369906	-.239242	.1483899	.2450335	.1090866	233.2410	.2486173
#2	.3472192	-.245037	.1494660	.2548042	.1153769	235.0000	.2493662
#3	.3327542	-.236094	.1440462	.2478482	.1068684	235.1756	.2500699

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118516	.0052255	96.38835	.8961163	.3496487	1.046031	510.1854
Stddev	.0001430	.0002911	.31799	.0017196	.0004599	.005477	2.3736
%RSD	1.206193	5.571408	.3299028	.1918995	.1315196	.5235916	.4652398
#1	.0117860	.0054348	96.08329	.8974589	.3494047	1.052351	507.6055
#2	.0120155	.0053487	96.36392	.8967120	.3493624	1.042675	512.2766
#3	.0117531	.0048930	96.71785	.8941780	.3501792	1.043066	510.6740

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.136182	189.4281	.6080243	.0301301	2.181941	1.483627	.4146254
Stddev	.033851	1.0037	.0006685	.0013901	.396350	.007680	.0118388
%RSD	.3705136	.5298503	.1099552	4.613529	18.16502	.5176286	2.855303
#1	9.106302	188.2889	.6087164	.0315791	1.891523	1.475229	.4012237
#2	9.172946	190.1821	.6079744	.0300036	2.633477	1.485362	.4236614
#3	9.129298	189.8134	.6073821	.0288076	2.020823	1.490292	.4189910

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.664091	2.108879	.0610899	-.001442	.2664173	4.091621	.0332601
Stddev	.040199	.002071	.0054874	.000762	.0008322	.034294	.0009057
%RSD	6.053311	.0982091	8.982470	52.84050	.3123692	.8381490	2.722960
#1	-.709867	2.107393	.0579856	-.001142	.2654807	4.052771	.0323415
#2	-.647862	2.111245	.0674258	-.000877	.2670719	4.104406	.0332864
#3	-.634542	2.108000	.0578585	-.002309	.2666993	4.117686	.0341523

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-15DLX2 Acquired: 12/21/2024 11:15:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.509470	-.316819	.1146316
Stddev	.015273	.001660	.0070004
%RSD	.6086326	.5239076	6.106849
#1	2.492896	-.315197	.1150497
#2	2.512538	-.318514	.1214135
#3	2.522977	-.316745	.1074315

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1977.012	24271.56	2538.852	1674.515	2011.572
Stddev	7.440	129.76	13.191	6.383	8.147
%RSD	.3763124	.5346223	.5195828	.3811861	.4050211
#1	1985.002	24128.05	2553.934	1668.220	2020.793
#2	1975.750	24306.01	2529.464	1674.341	2008.574
#3	1970.284	24380.61	2533.158	1680.983	2005.348

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-16DLX2 Acquired: 12/21/2024 11:18:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4576319	-.210014	.1355427	.2234851	.0975186	188.4101	.2877043
Stddev	.0058983	.001057	.0009946	.0055915	.0009018	.1578	.0015174
%RSD	1.288866	.5033874	.7338151	2.501963	.9247271	.0837391	.5274204
#1	.4535369	-.210193	.1361563	.2172213	.0966350	188.2606	.2888152
#2	.4549663	-.210970	.1343951	.2279730	.0974833	188.5750	.2883224
#3	.4643924	-.208879	.1360766	.2252609	.0984375	188.3946	.2859754

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107122	.0047721	45.63128	.6811112	.3433764	.9780252	441.6766
Stddev	.0002279	.0000347	.02580	.0011777	.0008028	.0039810	.2718
%RSD	2.127125	.7263119	.0565386	.1729050	.2337874	.4070484	.0615296
#1	.0105271	.0047596	45.62499	.6817146	.3426529	.9770832	441.5179
#2	.0106429	.0047455	45.65965	.6797541	.3432363	.9745997	441.9904
#3	.0109667	.0048113	45.60921	.6818648	.3442400	.9823928	441.5215

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.092361	145.1474	.4892363	.0270167	1.871134	1.207857	.4167279
Stddev	.014250	.3260	.0005159	.0007064	1.071684	.014610	.0081241
%RSD	.1567198	.2246236	.1054491	2.614666	57.27458	1.209571	1.949489
#1	9.102672	145.3822	.4887712	.0266900	.634598	1.192685	.4105204
#2	9.076101	144.7751	.4891466	.0265329	2.531137	1.221831	.4259227
#3	9.098311	145.2847	.4897912	.0278274	2.447666	1.209055	.4137406

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.780973	2.097013	.0487257	-.000852	.3680385	2.220557	.0278757
Stddev	.154079	.003811	.0006890	.000170	.0069829	.012202	.0021209
%RSD	8.651387	.1817202	1.414016	19.93578	1.897336	.5495100	7.608378
#1	1.943418	2.097081	.0490047	-.000873	.3621609	2.234645	.0284005
#2	1.636909	2.093169	.0492315	-.000673	.3757577	2.213325	.0255417
#3	1.762593	2.100789	.0479410	-.001011	.3661969	2.213701	.0296849

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-16DLX2 Acquired: 12/21/2024 11:18:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.768392	-.277785	.0918577
Stddev	.010245	.000448	.0033896
%RSD	.3700770	.1612120	3.690028
#1	2.772681	-.277490	.0882719
#2	2.775796	-.278300	.0922920
#3	2.756699	-.277564	.0950092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1972.037	24346.83	2514.387	1680.337	2073.200
Stddev	4.548	20.21	15.481	5.559	2.233
%RSD	.2306353	.0830162	.6156854	.3307999	.1077235
#1	1974.394	24339.91	2496.511	1674.526	2072.945
#2	1966.794	24330.98	2523.414	1680.883	2071.105
#3	1974.923	24369.59	2523.234	1685.602	2075.550

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-17DLX2 Acquired: 12/21/2024 11:23:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4915669	-.251427	.1197512	.2693862	.1152097	207.5920	.5342066
Stddev	.0043508	.001567	.0015639	.0016227	.0037851	.6795	.0015875
%RSD	.8850938	.6232264	1.305999	.6023550	3.285418	.3273139	.2971616
#1	.4881409	-.253219	.1179502	.2675138	.1114697	206.9368	.5326266
#2	.4900976	-.250745	.1205373	.2702619	.1190383	208.2934	.5358014
#3	.4964621	-.250317	.1207662	.2703829	.1151210	207.5460	.5341917

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0118846	.0046289	45.74758	.6192769	.3665238	.8463621	524.1996
Stddev	.0002653	.0000840	.16762	.0008019	.0001349	.0078382	1.2055
%RSD	2.232172	1.815659	.3663993	.1294921	.0368063	.9261026	.2299629
#1	.0117809	.0045420	45.75447	.6192091	.3666192	.8447693	523.3126
#2	.0116868	.0047098	45.91164	.6185110	.3665828	.8548744	525.5721
#3	.0121861	.0046348	45.57662	.6201106	.3663695	.8394427	523.7142

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.03141	159.3882	.4764894	.0326634	1.979598	1.596320	.3707656
Stddev	.03818	.6970	.0006479	.0004106	.463917	.005551	.0182129
%RSD	.2721069	.4373196	.1359720	1.257140	23.43492	.3477117	4.912239
#1	14.01870	158.5856	.4761573	.0329022	2.500509	1.599318	.3917524
#2	14.07433	159.8415	.4760749	.0328987	1.827342	1.599728	.3590997
#3	14.00122	159.7374	.4772360	.0321892	1.610942	1.589916	.3614446

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.350322	2.279323	.0604247	.0001520	.1214719	2.960261	.0335526
Stddev	.072128	.010218	.0040120	.0010143	.0065616	.010176	.0013449
%RSD	5.341571	.4483076	6.639585	667.0780	5.401777	.3437688	4.008463
#1	1.268499	2.267904	.0644625	-.001003	.1171419	2.948858	.0329472
#2	1.404696	2.287606	.0603725	.000560	.1182523	2.968420	.0326168
#3	1.377771	2.282458	.0564392	.000899	.1290214	2.963506	.0350938

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-17DLX2 Acquired: 12/21/2024 11:23:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.186916	-.288245	.1287657
Stddev	.006821	.000177	.0020905
%RSD	.2140288	.0614217	1.623467
#1	3.185323	-.288086	.1306900
#2	3.194392	-.288436	.1290656
#3	3.181032	-.288212	.1265414

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1979.517	24391.28	2544.305	1686.391	2036.763
Stddev	2.760	74.75	11.782	2.670	1.268
%RSD	.1394298	.3064779	.4630551	.1583140	.0622318
#1	1978.679	24431.18	2552.676	1687.288	2035.653
#2	1982.599	24437.61	2549.407	1688.497	2038.144
#3	1977.273	24305.04	2530.833	1683.388	2036.491

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-18DLX2 Acquired: 12/21/2024 11:26:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2980110	-.202148	.1064800	.2170215	.0942250	169.9398	.2734860
Stddev	.0013300	.003883	.0006587	.0024462	.0013424	.2456	.0011077
%RSD	.4462891	1.920854	.6186012	1.127170	1.424634	.1444981	.4050194
#1	.2979432	-.199054	.1072154	.2191711	.0947863	169.6913	.2744127
#2	.2993736	-.206505	.1062803	.2143598	.0926930	170.1824	.2737859
#3	.2967162	-.200886	.1059442	.2175335	.0951955	169.9456	.2722592

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101446	.0034959	39.80129	.5944117	.2919676	.8642413	420.2287
Stddev	.0001177	.0001463	.12863	.0088292	.0006397	.0034398	.4484
%RSD	1.160257	4.186122	.3231925	1.485371	.2190906	.3980159	.1067003
#1	.0102692	.0034154	39.66410	.5842859	.2915242	.8628779	420.3609
#2	.0100352	.0034074	39.82059	.6005024	.2916777	.8616921	420.5962
#3	.0101295	.0036648	39.91919	.5984468	.2927009	.8681538	419.7291

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.812553	129.5163	.4208267	.0275618	1.597782	1.156769	.3129761
Stddev	.026723	.0806	.0010745	.0007552	.454353	.005924	.0088359
%RSD	.3420584	.0622532	.2553312	2.739981	28.43646	.5120871	2.823177
#1	7.785315	129.5982	.4211186	.0283935	1.557414	1.149950	.3110228
#2	7.838731	129.4370	.4196364	.0269189	1.164960	1.160647	.3226252
#3	7.813611	129.5138	.4217250	.0273730	2.070971	1.159710	.3052803

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8958974	1.770081	.0468750	-.001810	.1119915	4.614754	.0314513
Stddev	.1204034	.003798	.0053088	.000191	.0047116	.027215	.0010859
%RSD	13.43942	.2145926	11.32546	10.54877	4.207113	.5897345	3.452717
#1	.7683890	1.769130	.0463899	-.001793	.1077909	4.622996	.0302345
#2	1.007643	1.766849	.0524097	-.002009	.1110976	4.584370	.0323219
#3	.911660	1.774265	.0418253	-.001628	.1170861	4.636894	.0317974

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-18DLX2 Acquired: 12/21/2024 11:26:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.988130	-.277501	.0746382
Stddev	.015511	.000495	.0031754
%RSD	.2590263	.1784597	4.254408
#1	5.982822	-.277547	.0783018
#2	6.005598	-.277971	.0729346
#3	5.975970	-.276984	.0726780

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1930.349	23878.90	2451.220	1651.710	2064.500
Stddev	6.235	423.85	13.671	31.190	5.577
%RSD	.3229842	1.775004	.5577258	1.888376	.2701140
#1	1936.845	24362.58	2448.069	1686.588	2070.774
#2	1924.413	23572.35	2466.192	1626.495	2060.108
#3	1929.789	23701.75	2439.400	1642.045	2062.618

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-19DLX2 Acquired: 12/21/2024 11:30:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2510656	-.177896	.0805427	.1948993	.0876298	171.3655	.1731707
Stddev	.0009398	.003744	.0024046	.0047577	.0040942	.4926	.0007682
%RSD	.3743207	2.104578	2.985499	2.441118	4.672140	.2874369	.4436011
#1	.2508627	-.181750	.0806555	.1973377	.0839079	171.4211	.1739606
#2	.2520903	-.174272	.0780837	.1894167	.0920152	170.8475	.1724263
#3	.2502439	-.177664	.0828889	.1979435	.0869662	171.8280	.1731252

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093408	.0023967	38.48133	.6748093	.3485808	.9329076	387.3790
Stddev	.0001087	.0000415	.08219	.0007074	.0006022	.0065630	.6876
%RSD	1.163961	1.731567	.2135867	.1048356	.1727643	.7035023	.1775054
#1	.0094051	.0024419	38.44066	.6745329	.3484786	.9288431	387.5504
#2	.0094020	.0023878	38.42741	.6756132	.3480363	.9404791	386.6218
#3	.0092152	.0023603	38.57593	.6742817	.3492276	.9294007	387.9646

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.572962	124.8524	.4918798	.0250750	1.830206	.9284586	.2654529
Stddev	.024227	.4169	.0009780	.0018523	.075277	.0081523	.0155459
%RSD	.2825992	.3339329	.1988321	7.387134	4.113009	.8780504	5.856362
#1	8.583802	125.0709	.4929158	.0232888	1.870186	.9216234	.2492620
#2	8.545207	124.3717	.4909726	.0249492	1.743375	.9262707	.2668352
#3	8.589876	125.1147	.4917510	.0269870	1.877057	.9374816	.2802614

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.582583	1.864652	.0436112	-.001449	.2438360	5.255329	.0251441
Stddev	.119279	.003152	.0052733	.000168	.0050930	.033726	.0001265
%RSD	20.47421	.1690388	12.09151	11.59259	2.088697	.6417492	.5031137
#1	-.568688	1.864752	.0446800	-.001480	.2462150	5.249204	.0250915
#2	-.470859	1.861451	.0378853	-.001268	.2379889	5.291697	.0250525
#3	-.708201	1.867752	.0482681	-.001600	.2473042	5.225085	.0252885

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-19DLX2 Acquired: 12/21/2024 11:30:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.478409	-.227668	.0711733
Stddev	.021188	.000558	.0024550
%RSD	.4731047	.2450331	3.449280
#1	4.471447	-.228205	.0684566
#2	4.461579	-.227091	.0732327
#3	4.502202	-.227707	.0718306

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.037	23691.18	2452.182	1637.358	2069.260
Stddev	.692	71.87	10.751	8.638	2.426
%RSD	.0359620	.3033585	.4384210	.5275404	.1172477
#1	1923.790	23615.62	2445.675	1631.506	2067.157
#2	1922.430	23758.68	2446.280	1647.279	2071.915
#3	1922.891	23699.24	2464.591	1633.290	2068.709

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-20DLX2 Acquired: 12/21/2024 11:34:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4577912	-.203516	.3215432	.2155786	.1002780	191.1997	.3599507
Stddev	.0036526	.004034	.0004009	.0039996	.0031731	.3428	.0009895
%RSD	.7978817	1.982027	.1246831	1.855276	3.164256	.1793134	.2749068
#1	.4536872	-.199696	.3217398	.2129852	.1036298	190.8853	.3608144
#2	.4606857	-.207734	.3210819	.2135659	.0998836	191.1486	.3601668
#3	.4590006	-.203118	.3218078	.2201847	.0973206	191.5653	.3588710

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106766	.0097923	42.55460	.7882453	.3104138	1.907076	426.0865
Stddev	.0001719	.0001798	.13272	.0019128	.0007508	.006294	1.3645
%RSD	1.610139	1.836296	.3118848	.2426662	.2418685	.3300304	.3202498
#1	.0108732	.0099508	42.42438	.7860383	.3102763	1.910303	424.6597
#2	.0105545	.0095969	42.54975	.7892726	.3097412	1.899823	426.2209
#3	.0106021	.0098291	42.68969	.7894249	.3112238	1.911103	427.3789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.621556	141.1996	.5245730	.0296645	1.984232	1.041433	.6315258
Stddev	.022530	.6588	.0010430	.0012544	.746373	.002804	.0086304
%RSD	.2956150	.4665416	.1988249	4.228766	37.61522	.2692555	1.366598
#1	7.607033	140.6035	.5253764	.0290138	1.131613	1.038372	.6222308
#2	7.610124	141.0884	.5233943	.0288690	2.301672	1.042048	.6392855
#3	7.647510	141.9068	.5249483	.0311106	2.519413	1.043878	.6330610

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3294452	2.168914	.0525226	-.001981	.3284998	5.036240	.0318340
Stddev	.0709615	.010155	.0041745	.000506	.0012678	.023315	.0015972
%RSD	21.53970	.4682109	7.947964	25.53819	.3859419	.4629366	5.017184
#1	.4100672	2.178074	.0526478	-.002489	.3299634	5.039201	.0300412
#2	.2764614	2.157994	.0566330	-.001477	.3277432	5.011586	.0331052
#3	.3018070	2.170674	.0482869	-.001976	.3277927	5.057932	.0323555

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-20DLX2 Acquired: 12/21/2024 11:34:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.359980	-.275272	.0784098
Stddev	.012616	.001228	.0039889
%RSD	.1983731	.4462238	5.087228
#1	6.345412	-.273880	.0766316
#2	6.367251	-.275737	.0756192
#3	6.367277	-.276201	.0829785

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1924.518	23594.34	2448.698	1629.793	2051.394
Stddev	3.115	34.35	8.098	6.822	4.468
%RSD	.1618446	.1455961	.3307012	.4185709	.2177905
#1	1922.810	23565.68	2442.165	1623.380	2046.923
#2	1928.113	23584.91	2457.758	1636.961	2055.859
#3	1922.630	23632.42	2446.170	1629.037	2051.400

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-21DLX2 Acquired: 12/21/2024 11:38:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4530240	-.201028	.3223373	.2074797	.0941724	186.3718	.3494944
Stddev	.0064245	.012927	.0068674	.0253059	.0115031	16.1793	.0292967
%RSD	1.418135	6.430668	2.130491	12.19679	12.21495	8.681202	8.382589
#1	.4458548	-.192239	.3223062	.1884056	.0882840	173.0632	.3250910
#2	.4549576	-.215872	.3292202	.2361876	.1074276	204.3809	.3819853
#3	.4582597	-.194974	.3154856	.1978460	.0868056	181.6715	.3414068

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0101920	.0099096	41.54478	.7870894	.3090568	1.863534	415.3822
Stddev	.0007745	.0006807	3.64100	.0022611	.0006884	.161344	36.2027
%RSD	7.599339	6.869405	8.764026	.2872771	.2227397	8.657944	8.715511
#1	.0094869	.0105140	38.54767	.7879315	.3097545	1.730202	385.7762
#2	.0110210	.0091722	45.59674	.7845280	.3083781	2.042889	455.7439
#3	.0100680	.0100425	40.48994	.7888086	.3090377	1.817511	404.6266

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.422194	137.8820	.5223911	.0270500	1.899918	.9985660	.6380307
Stddev	.656297	12.1760	.0008792	.0071249	.251021	.0830384	.0177150
%RSD	8.842360	8.830756	.1682968	26.33961	13.21218	8.315765	2.776515
#1	6.887871	127.9651	.5218201	.0224185	2.048306	.9385481	.6583858
#2	8.154758	151.4716	.5234035	.0352544	2.041356	1.093334	.6260996
#3	7.223951	134.2093	.5219496	.0234772	1.610092	.963816	.6296066

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4201470	2.153188	.0473759	-.001263	.3219815	4.934046	.0303342
Stddev	.4160391	.002667	.0061739	.000212	.0054711	.364172	.0042148
%RSD	99.02227	.1238455	13.03181	16.79724	1.699193	7.380804	13.89454
#1	.0881103	2.150685	.0452412	-.001262	.3280708	4.630654	.0266520
#2	.8868350	2.152885	.0543339	-.001476	.3174797	5.337906	.0349313
#3	.2854956	2.155992	.0425527	-.001052	.3203939	4.833579	.0294193

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-21DLX2 Acquired: 12/21/2024 11:38:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.198685	-.268504	.0778256
Stddev	.541104	.023059	.0119791
%RSD	8.729342	8.587792	15.39225
#1	5.755976	-.249740	.0673833
#2	6.801878	-.294245	.0909028
#3	6.038202	-.261526	.0751907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1925.910	23707.05	2515.785	1644.974	2056.221
Stddev	8.139	5.37	179.437	3.947	7.202
%RSD	.4226179	.0226480	7.132460	.2399461	.3502348
#1	1929.053	23711.34	2670.887	1643.906	2058.416
#2	1916.668	23708.77	2319.258	1641.672	2048.177
#3	1932.009	23701.03	2557.209	1649.346	2062.069

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-20LDLX10 Acquired: 12/21/2024 11:42:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0951059	-.040977	.0670945	.0500709	.0170920	40.45273	.0768830
Stddev	.0030020	.000777	.0009054	.0011775	.0012291	.29515	.0017276
%RSD	3.156451	1.895625	1.349380	2.351638	7.191219	.7296106	2.247088
#1	.0916472	-.040781	.0660987	.0495350	.0156906	40.11201	.0750432
#2	.0970346	-.041833	.0673168	.0514211	.0175983	40.61624	.0784707
#3	.0966360	-.040317	.0678680	.0492568	.0179870	40.62993	.0771351

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024385	.0019123	9.035508	.1681480	.0654736	.4112850	91.73859
Stddev	.0000485	.0001025	.091429	.0003918	.0001759	.0092061	.55904
%RSD	1.989835	5.360185	1.011883	.2329818	.2685963	2.238377	.6093846
#1	.0023827	.0018058	8.958340	.1678162	.0652971	.4142388	91.11943
#2	.0024705	.0020103	9.011699	.1685802	.0654749	.4009646	92.20631
#3	.0024623	.0019209	9.136487	.1680475	.0656488	.4186517	91.89003

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.643884	30.28683	.1071530	.0081608	2.112995	.2134127	.1451561
Stddev	.014310	.24287	.0003242	.0009680	.462855	.0019109	.0007082
%RSD	.8704801	.8019155	.3025743	11.86162	21.90516	.8953987	.4878737
#1	1.627375	30.02975	.1072315	.0072799	2.554587	.2153641	.1454089
#2	1.651535	30.31830	.1074308	.0080052	1.631465	.2133289	.1443562
#3	1.652742	30.51243	.1067967	.0091971	2.152932	.2115450	.1457031

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.565836	.4278550	.0087571	-.000707	.0612782	1.097593	-.002927
Stddev	.121943	.0038261	.0021424	.000330	.0038055	.008151	.000819
%RSD	21.55089	.8942579	24.46483	46.70409	6.210136	.7426569	27.96665
#1	-.662230	.4236780	.0079287	-.000748	.0615843	1.094057	-.003756
#2	-.428750	.4311901	.0111901	-.000358	.0649214	1.106915	-.002119
#3	-.606526	.4286967	.0071526	-.001015	.0573290	1.091806	-.002906

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-20LDLX10 Acquired: 12/21/2024 11:42:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.349393	-.059569	.0146635
Stddev	.014671	.000471	.0036131
%RSD	1.087251	.7906485	24.64050
#1	1.332452	-.059088	.0104995
#2	1.357795	-.060029	.0165203
#3	1.357933	-.059591	.0169707

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1859.887	22987.46	2333.243	1585.933	2128.915
Stddev	2.152	7.33	7.501	3.054	5.189
%RSD	.1157275	.0319075	.3214765	.1925572	.2437205
#1	1862.355	22993.72	2341.689	1587.810	2134.900
#2	1858.902	22989.27	2327.358	1587.580	2126.147
#3	1858.402	22979.39	2330.682	1582.409	2125.697

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-22DLX2 Acquired: 12/21/2024 11:45:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5431962	-.109385	.3608090	.3783851	.2647216	192.2052	4.312795
Stddev	.0082445	.004781	.0025396	.0021830	.0027052	1.1222	.031449
%RSD	1.517780	4.370579	.7038553	.5769181	1.021914	.5838655	.7292086
#1	.5523803	-.104503	.3587716	.3769252	.2619482	190.9917	4.279417
#2	.5407747	-.114057	.3636542	.3773353	.2673531	192.4185	4.317097
#3	.5364336	-.109594	.3600012	.3808946	.2648635	193.2055	4.341873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1099813	.1095557	42.08109	1.192464	1.286091	2.353265	421.1315
Stddev	.0005972	.0000340	.27689	.004949	.001236	.010451	3.1313
%RSD	.5429649	.0310390	.6579832	.4150097	.0961380	.4441112	.7435416
#1	.1093019	.1095224	41.78816	1.198174	1.285573	2.341264	417.8988
#2	.1104233	.1095904	42.11662	1.189434	1.285198	2.360367	421.3453
#3	.1102185	.1095544	42.33851	1.189782	1.287502	2.358162	424.1505

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.473048	139.1607	1.520975	.1005572	2.183787	1.999753	1.467207
Stddev	.059980	.9101	.001816	.0016139	.563447	.008337	.012509
%RSD	.7078920	.6540034	.1194140	1.604989	25.80135	.4168876	.8525843
#1	8.407032	138.1202	1.518915	.0987232	2.794164	1.990140	1.481427
#2	8.487917	139.5529	1.521660	.1011875	2.073668	2.004987	1.457902
#3	8.524194	139.8089	1.522349	.1017608	1.683529	2.004133	1.462292

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3684172	2.144880	.0437705	-.001740	.3297715	4.982993	.0310453
Stddev	.0825338	.008124	.0041817	.000541	.0025510	.030514	.0008124
%RSD	22.40226	.3787414	9.553612	31.11200	.7735613	.6123530	2.616948
#1	.3641440	2.136804	.0415009	-.001553	.3280375	4.948092	.0305536
#2	.2881030	2.144786	.0412143	-.001317	.3285763	5.004630	.0305992
#3	.4530046	2.153050	.0485962	-.002350	.3327006	4.996258	.0319830

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5183-22DLX2 Acquired: 12/21/2024 11:45:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZD8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.233937	-.272586	.0807883
Stddev	.047160	.002323	.0037137
%RSD	.7564982	.8521078	4.596798
#1	6.189813	-.270160	.0844949
#2	6.228360	-.272809	.0808024
#3	6.283637	-.274789	.0770676

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1921.854	23747.01	2462.942	1641.885	2053.156
Stddev	5.878	181.25	4.984	18.366	5.879
%RSD	.3058732	.7632684	.2023680	1.118598	.2863436
#1	1926.091	23541.65	2468.697	1621.161	2057.771
#2	1924.327	23884.65	2460.051	1656.144	2055.161
#3	1915.142	23814.75	2460.077	1648.352	2046.537

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165636BL Acquired: 12/21/2024 11:49:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000655	-.000850	-.003355	-.001107	-.001316	.0050795
Stddev	.000322	.003181	.002464	.001599	.000413	.0261537
%RSD	49.25073	374.0536	73.44914	144.5102	31.34589	514.8834
#1	-.000770	.001387	-.005777	-.002942	-.000875	.0284432
#2	-.000290	-.004492	-.003437	-.000013	-.001692	-.023174
#3	-.000904	.000553	-.000851	-.000365	-.001382	.009969

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011745	.0000460	.0001186	-.008924	-.000928	.0001432
Stddev	.0007022	.0001160	.0000543	.022347	.000228	.0006164
%RSD	59.78300	252.3849	45.76566	250.4175	24.55869	430.4661
#1	.0013776	-.000055	.0001129	-.027768	-.000819	-.000035
#2	.0003932	.000020	.0001755	-.014767	-.001190	.000829
#3	.0017528	.000173	.0000674	.015764	-.000775	-.000365

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001612	.0362684	-.000581	.1046229	.0000874	.0004919
Stddev	.0092192	.0070697	.001897	.0821223	.0001336	.0001716
%RSD	5717.400	19.49282	326.4478	78.49360	152.8653	34.87696
#1	-.009260	.0444317	-.000994	.1911234	.0002207	.0004306
#2	.009164	.0322178	.001488	.0950226	-.000047	.0006857
#3	.000581	.0321556	-.002237	.0277227	.000088	.0003595

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.966283	.0025223	-.001314	-.917204	-.001921	-.003116
Stddev	.631919	.0038730	.011696	.040488	.000727	.001016
%RSD	32.13775	153.5502	890.0494	4.414300	37.85124	32.61236
#1	2.689258	-.001853	-.013229	-.872079	-.002650	-.002282
#2	1.519343	.003907	-.000862	-.929179	-.001196	-.002819
#3	1.690247	.005512	.010149	-.950353	-.001917	-.004248

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165636BL Acquired: 12/21/2024 11:49:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS636 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000333	-.008138	-.004018	F -.012517	.0015502	-.000055
Stddev	.000375	.002670	.000639	.001657	.0021631	.000113
%RSD	112.6417	32.81150	15.90054	13.23449	139.5322	205.9692
#1	-.000255	-.009936	-.003340	-.013767	-.000621	-.000154
#2	-.000003	-.005070	-.004609	-.013146	.001566	-.000078
#3	-.000741	-.009409	-.004103	-.010638	.003705	.000068

Elem	Li6707
Units	ppm
Avg	-.000601
Stddev	.007371
%RSD	1227.231
#1	-.008689
#2	.001149
#3	.005738

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1830.313	22566.43	2273.338	1561.406	2156.959
Stddev	5.154	35.06	16.030	1.605	7.334
%RSD	.2816084	.1553457	.7051465	.1028153	.3400213
#1	1825.160	22590.22	2276.439	1560.740	2150.362
#2	1835.469	22526.17	2255.983	1560.241	2164.856
#3	1830.309	22582.89	2287.591	1563.237	2155.659

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165636BS Acquired: 12/21/2024 11:54:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194840	.0541145	.0168642	.0620368	.1025920	.4262765
Stddev	.0034338	.0028176	.0014259	.0010489	.0012147	.0082509
%RSD	17.62342	5.206769	8.455110	1.690770	1.183975	1.935565
#1	.0230389	.0567841	.0170260	.0608332	.1038297	.4346628
#2	.0192273	.0511691	.0153643	.0625214	.1025445	.4181681
#3	.0161858	.0543901	.0182023	.0627559	.1014018	.4259987

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4218879	.0107246	.0099589	10.29030	.0208874	.1004865
Stddev	.0030618	.0000967	.0000753	.05856	.0004832	.0005265
%RSD	.7257274	.9013594	.7563423	.5690818	2.313512	.5239884
#1	.4220588	.0106880	.0098939	10.26970	.0214424	.1009541
#2	.4187443	.0108342	.0099413	10.24483	.0205596	.1005893
#3	.4248607	.0106515	.0100415	10.35638	.0206603	.0999162

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0523174	.2027473	.0332106	10.56161	.0784458	.0201472
Stddev	.0122689	.0149675	.0009972	.15310	.0010614	.0008734
%RSD	23.45097	7.382336	3.002510	1.449548	1.353005	4.334891
#1	.0393020	.2008255	.0334783	10.61350	.0779915	.0205597
#2	.0539798	.1888335	.0321069	10.38931	.0776872	.0191440
#3	.0636704	.2185829	.0340466	10.68201	.0796587	.0207380

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.26823	.1098504	.1097973	9.245183	F .0134293	F -.002561
Stddev	.07370	.0046314	.0014836	.210437	.0014123	.001608
%RSD	.6007166	4.216121	1.351252	2.276181	10.51665	62.78999
#1	12.27156	.1151907	.1083083	9.487150	.0120678	-.004408
#2	12.34020	.1074263	.1098081	9.104894	.0133325	-.001801
#3	12.19292	.1069341	.1112755	9.143504	.0148875	-.001473

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165636BS Acquired: 12/21/2024 11:54:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS636 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0189626	.1697406	F .4910150	F .0007811	.2036126	.2136734
Stddev	.0006738	.0016349	.0022021	.0003696	.0040267	.0010024
%RSD	3.553281	.9631554	.4484743	47.32100	1.977614	.4691207
#1	.0196452	.1713533	.4933531	.0010535	.2080237	.2142792
#2	.0182980	.1680845	.4907117	.0003604	.2026803	.2125164
#3	.0189445	.1697841	.4889804	.0009294	.2001339	.2142247

Elem	Li6707
Units	ppm
Avg	.0335366
Stddev	.0016346
%RSD	4.874010
#1	.0348960
#2	.0339908
#3	.0317229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1834.791	22556.23	2299.665	1555.970	2154.704
Stddev	7.556	99.43	16.190	8.886	7.666
%RSD	.4118208	.4408219	.7040342	.5710726	.3557746
#1	1834.702	22450.26	2281.043	1546.869	2155.965
#2	1842.391	22647.49	2310.402	1564.623	2161.660
#3	1827.280	22570.94	2307.551	1556.417	2146.485

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165636BSD Acquired: 12/21/2024 11:57:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD636 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138455	.0270157	.0058423	.0316159	.0481274	.2037077	.2065793
Stddev	.0057050	.0015011	.0020356	.0038697	.0042298	.0180918	.0013903
%RSD	41.20472	5.556504	34.84248	12.23959	8.788722	8.881265	.6729904
#1	.0132494	.0276547	.0035995	.0278468	.0524622	.2025136	.2050033
#2	.0198251	.0253008	.0075729	.0355788	.0440111	.1862425	.2071025
#3	.0084619	.0280916	.0063547	.0314222	.0479090	.2223670	.2076320

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053001	.0048408	5.016323	.0096466	.0492182	.0229653	.0993912
Stddev	.0001181	.0000960	.028329	.0004997	.0003624	.0032840	.0103798
%RSD	2.227472	1.983587	.5647372	5.180528	.7362109	14.29968	10.44342
#1	.0052693	.0047602	4.983765	.0098157	.0496175	.0261301	.0880213
#2	.0054305	.0048151	5.029854	.0090842	.0491268	.0195739	.1083603
#3	.0052004	.0049471	5.035348	.0100398	.0489103	.0231920	.1017920

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0153874	5.271401	.0380996	.0098023	7.178479	.0503403	.0486539
Stddev	.0016847	.105679	.0009748	.0010210	.554706	.0028843	.0028270
%RSD	10.94848	2.004758	2.558416	10.41551	7.727352	5.729618	5.810467
#1	.0148970	5.337037	.0370395	.0109481	6.639279	.0532934	.0453924
#2	.0140023	5.149493	.0383018	.0094699	7.148668	.0501973	.0501652
#3	.0172629	5.327672	.0389573	.0089890	7.747490	.0475302	.0504040

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.135342	.0058080	-.002035	.0091668	.0805937	.2377846	-.005637
Stddev	.065991	.0015172	.002987	.0005810	.0050527	.0005125	.000601
%RSD	1.595784	26.12290	146.8089	6.338038	6.269366	.2155390	10.66435
#1	4.125324	.0043829	-.003223	.0094673	.0764811	.2379516	-.005790
#2	4.205769	.0056381	-.004245	.0095360	.0862339	.2381929	-.006147
#3	4.074932	.0074031	.001364	.0084971	.0790660	.2372095	-.004975

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165636BSD Acquired: 12/21/2024 11:57:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD636 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0983438	.1036885	.0159720
Stddev	.0016802	.0006621	.0026831
%RSD	1.708516	.6385425	16.79903
#1	.1001494	.1032032	.0151796
#2	.0980559	.1034195	.0137743
#3	.0968262	.1044427	.0189621

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1847.347	22750.79	2304.092	1576.310	2186.372
Stddev	4.207	116.79	9.291	10.824	3.525
%RSD	.2277228	.5133490	.4032331	.6866928	.1612105
#1	1847.134	22618.86	2311.097	1564.604	2189.153
#2	1851.656	22840.95	2307.625	1585.958	2187.554
#3	1843.251	22792.58	2293.553	1578.369	2182.408

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-01DLX2 Acquired: 12/21/2024 12:01:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYW9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5302482	-.266611	.2586566	.3344739	.1374381	111.0922
Stddev	.0046567	.000481	.0024820	.0021363	.0031605	.3087
%RSD	.8782141	.1805032	.9595693	.6387083	2.299590	.2778898
#1	.5302225	-.266074	.2568637	.3365230	.1373889	110.8389
#2	.5256044	-.267004	.2576166	.3346386	.1343025	111.4361
#3	.5349177	-.266754	.2614894	.3322600	.1406230	111.0018

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.726797	.0135488	.0041832	39.73598	.2658583	.2410718
Stddev	.003652	.0002715	.0001078	.13070	.0003933	.0003185
%RSD	.2114887	2.003535	2.577168	.3289285	.1479341	.1321162
#1	1.723939	.0132570	.0042773	39.68193	.2655104	.2411806
#2	1.730911	.0135956	.0042066	39.64097	.2657794	.2407132
#3	1.725540	.0137938	.0040655	39.88504	.2662850	.2413216

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3758933	627.6549	F 34.69711	66.87735	.2575056	.0508907
Stddev	.0069804	1.3063	.10123	.11563	.0010363	.0002915
%RSD	1.857018	.2081315	.2917532	.1728932	.4024508	.5727559
#1	.3716068	626.5991	34.62958	66.93224	.2578634	.0506452
#2	.3839480	629.1158	34.81351	66.95531	.2563378	.0512129
#3	.3721251	627.2498	34.64826	66.74451	.2583157	.0508142

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.025160	.7178166	.6348596	16.92896	5.210641	.0634616
Stddev	1.251255	.0095607	.0113184	.06019	.008457	.0032899
%RSD	41.36161	1.331912	1.782821	.3555201	.1623114	5.184096
#1	2.771279	.7161078	.6431085	16.87855	5.213024	.0605116
#2	4.383886	.7281164	.6395143	16.91273	5.201247	.0628638
#3	1.920314	.7092255	.6219560	16.99559	5.217651	.0670094

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-01DLX2 Acquired: 12/21/2024 12:01:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYW9 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001983	.4228029	4.422003	.0368666	1.089725	-.347925
Stddev	.000083	.0039500	.008297	.0018622	.005209	.001289
%RSD	4.175169	.9342367	.1876210	5.051072	.4779935	.3704501
#1	-.002079	.4256549	4.426455	.0360036	1.084104	-.346867
#2	-.001944	.4244594	4.427123	.0355925	1.094389	-.349360
#3	-.001928	.4182944	4.412430	.0390037	1.090680	-.347547

Elem	Li6707
Units	ppm
Avg	.1195214
Stddev	.0027245
%RSD	2.279504
#1	.1211547
#2	.1163762
#3	.1210333

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1965.894	24166.93	2483.529	1678.035	2108.614
Stddev	6.134	65.41	12.420	5.208	4.600
%RSD	.3120424	.2706674	.5000985	.3103812	.2181617
#1	1967.594	24155.12	2474.344	1678.068	2109.346
#2	1970.999	24108.22	2478.583	1672.810	2112.805
#3	1959.089	24237.44	2497.660	1683.227	2103.692

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV093 Acquired: 12/21/2024 12:05:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.895871	4.819593	24.61539	4.789898	4.770179	407.5340	10.27365
Stddev	.022742	.014057	.08497	.013509	.006026	1.0486	.05363
%RSD	.4645205	.2916540	.3451892	.2820262	.1263348	.2572992	.5219687
#1	4.880359	4.813150	24.61975	4.799201	4.775016	406.4270	10.23714
#2	4.921978	4.809913	24.52832	4.774403	4.763428	407.6626	10.24859
#3	4.885277	4.835716	24.69809	4.796090	4.772093	408.5123	10.33522

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5154617	2.483379	408.2121	15.36463	2.452071	15.14376	407.6322
Stddev	.0039029	.006210	.5748	.01488	.006607	.01889	1.2430
%RSD	.7571670	.2500438	.1408136	.0968393	.2694317	.1247089	.3049336
#1	.5142441	2.483410	407.9584	15.34784	2.451826	15.15425	406.2019
#2	.5198282	2.477154	408.8701	15.37619	2.445590	15.15507	408.4517
#3	.5123127	2.489573	407.8078	15.36984	2.458796	15.12196	408.2429

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.90815	405.7781	2.486876	1.293476	413.9712	2.509669	14.70705
Stddev	.07008	.6633	.006655	.002048	2.6666	.012637	.13239
%RSD	.4701092	.1634648	.2675875	.1583227	.6441554	.5035282	.9001472
#1	14.82724	405.0404	2.484352	1.291279	411.4472	2.501434	14.64788
#2	14.94979	405.9684	2.481852	1.295331	413.7058	2.503354	14.61457
#3	14.94743	406.3254	2.494423	1.293818	416.7606	2.524218	14.85870

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	151.9217	4.915030	4.970390	4.765694	4.850379	5.023067	4.845191
Stddev	.3327	.003434	.033722	.009555	.007530	.042953	.009926
%RSD	.2189822	.0698615	.6784533	.2004938	.1552366	.8551153	.2048652
#1	151.6423	4.912184	4.954217	4.761991	4.855740	5.004769	4.848708
#2	152.2898	4.914062	5.009152	4.758546	4.841771	5.072139	4.833985
#3	151.8331	4.918844	4.947801	4.776547	4.853626	4.992292	4.852879

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV093 Acquired: 12/21/2024 12:05:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV093 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.989854	4.826211	5.257183
Stddev	.027168	.013734	.011866
%RSD	.5444716	.2845771	.2257056
#1	4.967701	4.812109	5.243896
#2	4.981693	4.826976	5.260928
#3	5.020167	4.839546	5.266724

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1539.661	20484.87	2223.866	1304.039	1759.523
Stddev	6.211	128.75	21.652	7.416	7.812
%RSD	.4034274	.6285296	.9736040	.5687013	.4439680
#1	1541.335	20340.04	2213.459	1295.872	1761.067
#2	1544.863	20528.20	2209.383	1305.893	1766.447
#3	1532.784	20586.37	2248.756	1310.352	1751.054

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB093 Acquired: 12/21/2024 12:09:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0050533	.0009982	.0039996	.0012961	-.001789	.0162171
Stddev	.0003821	.0008764	.0005318	.0016299	.001677	.0009469
%RSD	7.561452	87.79571	13.29663	125.7555	93.73530	5.839099
#1	.0046752	.0019965	.0042557	.0002771	-.000878	.0161480
#2	.0054392	.0006420	.0033882	.0004352	-.000764	.0171966
#3	.0050454	.0003560	.0043549	.0031759	-.003724	.0153065

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022897	.0000662	.0002486	.0110460	.0003726	.0003604
Stddev	.0012389	.0001433	.0000468	.0405727	.0006782	.0004863
%RSD	54.10781	216.4106	18.81963	367.3078	182.0362	134.9354
#1	.0029470	.0000915	.0002964	.0521064	.0000890	.0007362
#2	.0030614	.0001951	.0002463	-.029021	.0011466	.0005339
#3	.0008607	-.000088	.0002030	.010052	-.000118	-.000189

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072309	.0012859	.0006587	.0709014	.0000422	.0007323
Stddev	.0052940	.0334982	.0002004	.1405671	.0008965	.0008343
%RSD	73.21419	2605.052	30.42941	198.2572	2122.871	113.9344
#1	.0129230	.0399470	.0005258	-.079425	.0010741	.0016177
#2	.0024545	-.019101	.0008892	.199080	-.000403	.0006186
#3	.0063151	-.016988	.0005611	.093050	-.000545	-.000039

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.919327	-.003449	.0088188	-.759227	-.004453	.0128381
Stddev	.356827	.001685	.0067821	.103173	.001843	.0006976
%RSD	18.59126	48.84823	76.90503	13.58920	41.37204	5.433430
#1	2.288914	-.004415	.0126544	-.657175	-.005640	.0126905
#2	1.576801	-.001504	.0128141	-.863485	-.005390	.0135977
#3	1.892265	-.004429	.0009881	-.757020	-.002331	.0122262

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB093 Acquired: 12/21/2024 12:09:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0005060	-.004754	-.004140	F -.011238	.0025174	.0001520
Stddev	.0004560	.003878	.000514	.001144	.0011583	.0000682
%RSD	90.12328	81.56245	12.42594	10.17695	46.01279	44.83503
#1	.0003563	-.002229	-.003621	-.009931	.0030801	.0001668
#2	.0010180	-.009219	-.004650	-.012051	.0011852	.0000777
#3	.0001437	-.002815	-.004149	-.011733	.0032869	.0002115

Elem	Li6707
Units	ppm
Avg	.0140788
Stddev	.0032906
%RSD	23.37257
#1	.0110778
#2	.0135610
#3	.0175976

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1824.558	22429.28	2274.964	1548.698	2144.756
Stddev	5.850	152.08	12.340	14.986	7.107
%RSD	.3205989	.6780645	.5424185	.9676242	.3313465
#1	1822.964	22514.64	2289.185	1558.124	2144.736
#2	1831.039	22253.69	2267.078	1531.418	2151.873
#3	1819.671	22519.51	2268.631	1556.553	2137.660

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-02DLX2 Acquired: 12/21/2024 12:13:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9082752	-.273836	.4956293	.3040711	.1298234	166.6110	1.038266
Stddev	.0014976	.006175	.0062198	.0047294	.0024257	3.5559	.020850
%RSD	.1648800	2.254904	1.254930	1.555349	1.868456	2.134273	2.008199
#1	.9071253	-.273868	.4910829	.3002912	.1276279	164.4547	1.027732
#2	.9099687	-.267645	.4930875	.3025477	.1294149	164.6630	1.024783
#3	.9077318	-.279994	.5027174	.3093745	.1324274	170.7153	1.062281

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0139395	.0095878	36.39736	.5493725	.3313201	1.124045	577.7087
Stddev	.0002554	.0001677	.89286	.0019046	.0005005	.033141	12.7616
%RSD	1.832229	1.749437	2.453101	.3466961	.1510740	2.948340	2.209009
#1	.0138590	.0096611	35.75415	.5509262	.3311561	1.106884	570.2449
#2	.0137340	.0097064	36.02117	.5499436	.3309222	1.103005	570.4371
#3	.0142255	.0093959	37.41676	.5472476	.3318821	1.162247	592.4441

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.51368	115.8902	.4240771	.0431275	2.385380	1.303916	.7052950
Stddev	.35304	2.1127	.0002970	.0039944	.253375	.032528	.0093164
%RSD	2.137846	1.823016	.0700404	9.261830	10.62198	2.494643	1.320923
#1	16.31107	114.6307	.4244024	.0410898	2.564179	1.282334	.7021823
#2	16.30864	114.7105	.4240086	.0405629	2.496534	1.288085	.7157692
#3	16.92133	118.3293	.4238204	.0477298	2.095427	1.341330	.6979334

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	16.19552	3.660148	.0604032	-.001491	.4270263	3.770550	.0362102
Stddev	.51134	.005086	.0079119	.000402	.0035096	.060702	.0013727
%RSD	3.157280	.1389599	13.09855	26.94928	.8218769	1.609906	3.791032
#1	15.86887	3.656822	.0551914	-.001788	.4307037	3.747405	.0354247
#2	15.93288	3.657618	.0565110	-.001034	.4266626	3.724826	.0354107
#3	16.78480	3.666003	.0695073	-.001651	.4237127	3.839420	.0377953

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-02DLX2 Acquired: 12/21/2024 12:13:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.297499	-.412124	.1331663
Stddev	.048577	.009043	.0073975
%RSD	2.114336	2.194218	5.555089
#1	2.267476	-.406755	.1249977
#2	2.271479	-.407053	.1350877
#3	2.353543	-.422565	.1394136

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.573	23983.16	2470.422	1661.873	2083.142
Stddev	2.605	93.78	41.010	12.063	2.806
%RSD	.1333991	.3910111	1.660040	.7258541	.1347136
#1	1951.379	23947.18	2481.411	1657.492	2081.429
#2	1955.561	24089.60	2504.818	1675.513	2086.381
#3	1950.780	23912.71	2425.037	1652.612	2081.617

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-03DLX2 Acquired: 12/21/2024 12:17:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7547163	-.256808	.2368212	.3216076	.1289197	144.6912
Stddev	.0027832	.005187	.0006799	.0060978	.0030039	.5377
%RSD	.3687768	2.019808	.2871046	1.896031	2.330057	.3716475
#1	.7555647	-.253280	.2364562	.3176675	.1272274	144.1869
#2	.7516076	-.254380	.2376057	.3286313	.1323880	145.2571
#3	.7569766	-.262764	.2364018	.3185240	.1271437	144.6297

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.422603	.0125299	.0049455	35.50164	.4806362	.3068749
Stddev	.011262	.0000606	.0002498	.06031	.0008166	.0008910
%RSD	.4648827	.4833065	5.051020	.1698655	.1699050	.2903363
#1	2.410855	.0125677	.0052196	35.43565	.4808199	.3068597
#2	2.433306	.0124601	.0047307	35.55389	.4813453	.3059916
#3	2.423649	.0125620	.0048862	35.51539	.4797434	.3077733

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6839599	598.7531	F 34.58983	95.42586	.3679972	.0457430
Stddev	.0052520	1.9035	.09150	.47946	.0014157	.0005257
%RSD	.7678786	.3179078	.2645233	.5024411	.3846912	1.149131
#1	.6858149	597.0270	34.49925	94.91384	.3678583	.0461795
#2	.6880327	600.7946	34.68222	95.86423	.3666562	.0458899
#3	.6780322	598.4377	34.58803	95.49951	.3694772	.0451595

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.689518	1.078133	.5208225	19.12226	4.028195	.0593278
Stddev	.706824	.006555	.0114020	.14499	.007534	.0063539
%RSD	41.83587	.6080210	2.189229	.7582315	.1870191	10.70986
#1	1.021230	1.076747	.5191492	19.10578	4.025990	.0524735
#2	2.429425	1.085271	.5329687	18.98622	4.022011	.0650213
#3	1.617897	1.072382	.5103496	19.27479	4.036586	.0604886

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-03DLX2 Acquired: 12/21/2024 12:17:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001208	.3718523	5.057854	.0350727	1.362281	-.319716
Stddev	.000443	.0032507	.049064	.0012960	.003003	.001073
%RSD	36.64838	.8741795	.9700559	3.695124	.2204524	.3355814
#1	-.000708	.3742298	5.114290	.0365330	1.359286	-.319238
#2	-.001550	.3681481	5.033931	.0346259	1.365292	-.320945
#3	-.001367	.3731789	5.025339	.0340593	1.362263	-.318966

Elem	Li6707
Units	ppm
Avg	.1432792
Stddev	.0004404
%RSD	.3073629
#1	.1430146
#2	.1437876
#3	.1430355

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1985.011	24347.31	2512.805	1692.456	2096.206
Stddev	4.819	135.97	17.183	10.374	4.357
%RSD	.2427837	.5584712	.6838030	.6129358	.2078692
#1	1981.855	24439.00	2496.839	1700.100	2098.893
#2	1982.619	24191.08	2510.588	1680.647	2091.179
#3	1990.558	24411.84	2530.989	1696.621	2098.546

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-04DLX2 Acquired: 12/21/2024 12:20:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3213780	-.279182	.4832204	.3911754	.1575105	68.61855
Stddev	.0019690	.000857	.0030541	.0012825	.0001568	.14716
%RSD	.6126742	.3068703	.6320192	.3278675	.0995589	.2144563
#1	.3222060	-.278713	.4866838	.3918266	.1574316	68.56449
#2	.3191302	-.280171	.4820635	.3920017	.1576910	68.50606
#3	.3227977	-.278663	.4809137	.3896979	.1574087	68.78509

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.076474	.0123295	.0076560	31.94989	.1439951	.2428772
Stddev	.006491	.0001867	.0000479	.10009	.0011135	.0007651
%RSD	.2109982	1.514080	.6255257	.3132639	.7733214	.3150245
#1	3.072956	.0123407	.0076504	32.01873	.1452636	.2423883
#2	3.072501	.0121375	.0076111	31.83508	.1435427	.2424843
#3	3.083965	.0125104	.0077064	31.99587	.1431790	.2437590

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5868232	709.6863	F 52.39832	41.17136	.1918547	.0667578
Stddev	.0087309	.3481	.05580	.14344	.0013103	.0012053
%RSD	1.487831	.0490546	.1064952	.3484031	.6829655	1.805537
#1	.5804953	709.9810	52.37991	41.33457	.1931896	.0656704
#2	.5831902	709.3021	52.35405	41.06532	.1918039	.0680538
#3	.5967840	709.7757	52.46100	41.11418	.1905705	.0665490

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.422491	.3528731	.9428864	18.29204	4.367467	.0662699
Stddev	.930768	.0042112	.0046264	.15787	.016174	.0057410
%RSD	38.42195	1.193391	.4906686	.8630713	.3703240	8.663026
#1	2.215160	.3575707	.9394795	18.20704	4.358712	.0596652
#2	1.612870	.3494365	.9481534	18.19489	4.357559	.0700646
#3	3.439441	.3516120	.9410264	18.47421	4.386131	.0690800

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-04DLX2 Acquired: 12/21/2024 12:20:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002463	.5205736	3.389373	.0433679	.9604423	-.403797
Stddev	.000821	.0033294	.034219	.0006433	.0059338	.000412
%RSD	33.33688	.6395599	1.009583	1.483433	.6178149	.1020415
#1	-.001764	.5173359	3.426074	.0438252	.9565257	-.404231
#2	-.002258	.5203971	3.383700	.0426322	.9575318	-.403411
#3	-.003368	.5239877	3.358346	.0436462	.9672694	-.403750

Elem	Li6707
Units	ppm
Avg	.1043407
Stddev	.0022000
%RSD	2.108520
#1	.1022037
#2	.1042195
#3	.1065988

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.983	23475.13	2408.807	1633.147	2136.927
Stddev	6.290	51.68	15.147	3.182	5.171
%RSD	.3284705	.2201503	.6288102	.1948553	.2419977
#1	1908.425	23459.97	2391.501	1630.678	2131.213
#2	1915.558	23532.70	2415.273	1636.738	2138.280
#3	1920.966	23432.74	2419.648	1632.023	2141.287

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-05DLX2 Acquired: 12/21/2024 12:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7319994	-.250697	.3937337	.3380939	.1402897	116.2931
Stddev	.0048018	.003578	.0006762	.0040046	.0015121	.3725
%RSD	.6559855	1.427117	.1717325	1.184466	1.077850	.3202730
#1	.7349376	-.246752	.3940979	.3338260	.1406156	115.8938
#2	.7264581	-.251608	.3941497	.3386865	.1416124	116.3545
#3	.7346025	-.253731	.3929535	.3417692	.1386413	116.6311

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.457914	.0116278	.0082913	39.15352	.3310152	.2629156
Stddev	.004146	.0002337	.0001191	.18889	.0023099	.0004698
%RSD	.1686849	2.010174	1.435944	.4824216	.6978346	.1786698
#1	2.453127	.0118184	.0084071	38.94153	.3298871	.2633120
#2	2.460390	.0116980	.0081692	39.21510	.3336724	.2630381
#3	2.460224	.0113670	.0082976	39.30394	.3294860	.2623968

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6997645	617.1302	F 41.93196	75.14317	.3145034	.0549842
Stddev	.0031893	2.2015	.14641	.58593	.0014766	.0010814
%RSD	.4557704	.3567344	.3491580	.7797559	.4695003	1.966665
#1	.7034252	615.1797	41.78249	74.46835	.3142977	.0539220
#2	.6982828	616.6935	41.93828	75.52275	.3131404	.0560837
#3	.6975856	619.5173	42.07510	75.43841	.3160720	.0549471

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.836281	.8604003	.5843379	11.52517	3.688692	.0575471
Stddev	.206841	.0044659	.0108954	.05912	.002639	.0046336
%RSD	11.26414	.5190451	1.864576	.5129485	.0715545	8.051862
#1	1.972970	.8640535	.5928946	11.51381	3.685663	.0591425
#2	1.937556	.8617257	.5880467	11.58914	3.690499	.0611722
#3	1.598318	.8554218	.5720722	11.47255	3.689915	.0523266

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-05DLX2 Acquired: 12/21/2024 12:24:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032787	.6607617	5.602648	.0395034	1.350861	-.317399
Stddev	.0004352	.0093323	.029120	.0010705	.007710	.001207
%RSD	13.27328	1.412360	.5197574	2.709841	.5707444	.3804256
#1	.0036986	.6668141	5.617983	.0396224	1.342607	-.316041
#2	.0033077	.6654568	5.569065	.0383784	1.352098	-.317801
#3	.0028297	.6500142	5.620896	.0405094	1.357877	-.318353

Elem	Li6707
Units	ppm
Avg	.1214285
Stddev	.0053078
%RSD	4.371142
#1	.1159115
#2	.1264988
#3	.1218753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1941.829	23744.59	2464.044	1657.377	2091.728
Stddev	4.552	46.81	10.069	1.744	1.522
%RSD	.2344345	.1971544	.4086549	.1052156	.0727547
#1	1946.954	23771.22	2463.716	1656.481	2093.041
#2	1938.254	23690.53	2474.273	1659.386	2092.084
#3	1940.278	23772.01	2454.142	1656.263	2090.060

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-06DLX2 Acquired: 12/21/2024 12:28:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5385543	-.259477	.3201356	.3413430	.1396654	105.6888
Stddev	.0045005	.004329	.0025578	.0052994	.0032634	.8953
%RSD	.8356606	1.668461	.7989638	1.552516	2.336603	.8471567
#1	.5334182	-.254501	.3225774	.3400412	.1377953	105.3335
#2	.5404369	-.261552	.3174758	.3368158	.1377673	105.0256
#3	.5418078	-.262378	.3203537	.3471720	.1434337	106.7072

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.564380	.0119086	.0058629	27.05034	.2656685	.2327032
Stddev	.016468	.0002534	.0000413	.24830	.0009815	.0011744
%RSD	.6421982	2.127751	.7039960	.9179167	.3694414	.5046717
#1	2.557368	.0121572	.0059067	26.91532	.2667738	.2323948
#2	2.552578	.0116507	.0058573	26.89880	.2653331	.2317138
#3	2.583194	.0119179	.0058248	27.33689	.2648988	.2340010

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5792439	622.2144	F 42.78297	70.71320	.2546726	.0566963
Stddev	.0052548	4.0694	.28703	.40718	.0020007	.0010509
%RSD	.9071885	.6540257	.6709055	.5758135	.7855916	1.853507
#1	.5851491	620.7871	42.63212	70.47013	.2534194	.0555253
#2	.5750831	619.0509	42.60281	70.48619	.2536185	.0570064
#3	.5774994	626.8052	43.11397	71.18328	.2569800	.0575573

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.377574	.7775276	.6644720	22.15011	4.013305	.0485947
Stddev	.799404	.0065559	.0093453	.26929	.013804	.0039977
%RSD	33.62269	.8431788	1.406422	1.215728	.3439472	8.226651
#1	2.395719	.7752050	.6737515	22.15850	4.007978	.0491433
#2	3.167752	.7724490	.6646022	21.87673	4.002958	.0522898
#3	1.569252	.7849286	.6550624	22.41510	4.028978	.0443510

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-06DLX2 Acquired: 12/21/2024 12:28:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001314	.2275170	3.445345	.0366516	1.239884	-.397219
Stddev	.000363	.0055190	.052342	.0020658	.004071	.002683
%RSD	27.60637	2.425740	1.519223	5.636427	.3283733	.6753868
#1	-.001340	.2310436	3.427958	.0345589	1.242544	-.396438
#2	-.001663	.2303505	3.403909	.0367065	1.235197	-.395013
#3	-.000939	.2211568	3.504169	.0386895	1.241910	-.400205

Elem	Li6707
Units	ppm
Avg	.1162382
Stddev	.0023699
%RSD	2.038849
#1	.1150620
#2	.1189662
#3	.1146865

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1952.164	23822.35	2447.689	1662.273	2118.526
Stddev	4.823	115.31	28.622	9.005	4.053
%RSD	.2470846	.4840449	1.169367	.5417388	.1913106
#1	1949.863	23741.85	2454.874	1663.974	2117.650
#2	1957.707	23770.75	2472.034	1652.539	2122.945
#3	1948.921	23954.45	2416.158	1670.307	2114.982

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-07DLX2 Acquired: 12/21/2024 12:32:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3140494	-.298095	.4537655	.3940509	.1579441	68.44751
Stddev	.0103714	.003072	.0016306	.0025110	.0009744	.07172
%RSD	3.302483	1.030489	.3593571	.6372175	.6169415	.1047825
#1	.3088874	-.301641	.4526997	.3945664	.1570401	68.52571
#2	.3072719	-.296271	.4529542	.3962641	.1578159	68.43202
#3	.3259890	-.296372	.4556427	.3913222	.1589763	68.38479

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.968296	.0131771	.0065238	30.04569	.1183296	.2364977
Stddev	.002534	.0001539	.0001287	.11101	.0016259	.0007934
%RSD	.1287225	1.168088	1.973060	.3694832	1.374042	.3354939
#1	1.969362	.0133350	.0066599	30.01869	.1192030	.2355839
#2	1.970123	.0130275	.0064040	30.16771	.1193321	.2368976
#3	1.965404	.0131688	.0065075	29.95066	.1164536	.2370115

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5527447	720.3399	F 45.17549	37.37509	.1810583	.0695798
Stddev	.0070150	.9763	.02942	.07287	.0008968	.0002780
%RSD	1.269116	.1355318	.0651307	.1949691	.4952985	.3994799
#1	.5450313	720.0004	45.17453	37.42478	.1820777	.0692926
#2	.5587431	721.4406	45.20538	37.40905	.1803912	.0698475
#3	.5544599	719.5787	45.14656	37.29144	.1807060	.0695992

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.035918	.3334145	.7728943	12.22445	4.238480	.0472843
Stddev	.300728	.0089207	.0137753	.12306	.009007	.0046888
%RSD	14.77114	2.675543	1.782297	1.006631	.2124985	9.916098
#1	2.199639	.3430285	.7747449	12.36270	4.228080	.0491902
#2	1.688851	.3318100	.7856508	12.18378	4.243685	.0507200
#3	2.219262	.3254050	.7582873	12.12688	4.243676	.0419427

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-07DLX2 Acquired: 12/21/2024 12:32:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX5 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001378	.5300616	3.287823	.0410395	.5474592	-.489879
Stddev	.000364	.0028241	.032225	.0011645	.0043705	.000792
%RSD	26.41421	.5327923	.9801231	2.837392	.7983242	.1615747
#1	-.001686	.5303122	3.324992	.0413531	.5463694	-.490168
#2	-.001473	.5271205	3.267715	.0397503	.5437367	-.490485
#3	-.000976	.5327521	3.270764	.0420150	.5522715	-.488983

Elem	Li6707
Units	ppm
Avg	.1060641
Stddev	.0058559
%RSD	5.521077
#1	.1126625
#2	.1014855
#3	.1040443

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1910.258	23470.58	2388.907	1632.973	2137.392
Stddev	4.418	98.42	16.301	3.939	2.164
%RSD	.2312913	.4193447	.6823609	.2412402	.1012256
#1	1915.359	23558.38	2370.084	1628.993	2139.795
#2	1907.634	23364.19	2398.318	1633.057	2135.598
#3	1907.782	23489.18	2398.319	1636.870	2136.784

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-08DLX2 Acquired: 12/21/2024 12:36:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4888192	-.252123	.3262480	.3355414	.1378584	115.0110
Stddev	.0092698	.004245	.0024707	.0016086	.0021786	.3765
%RSD	1.896371	1.683820	.7573195	.4794030	1.580290	.3273497
#1	.4781176	-.251387	.3267079	.3351790	.1361518	114.5803
#2	.4943588	-.248293	.3284565	.3373003	.1371111	115.1752
#3	.4939813	-.256688	.3235797	.3341449	.1403122	115.2775

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.105988	.0122227	.0056415	37.19794	.2667443	.2514731
Stddev	.009175	.0001038	.0001208	.01013	.0013597	.0013759
%RSD	.4356476	.8494451	2.141340	.0272264	.5097389	.5471258
#1	2.095800	.0123342	.0057727	37.20040	.2665806	.2499837
#2	2.113598	.0122053	.0055348	37.18680	.2681784	.2526967
#3	2.108567	.0121287	.0056170	37.20660	.2654739	.2517390

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5210760	618.8088	F 41.21322	71.68183	.2687496	.0587208
Stddev	.0011311	1.8700	.14058	.46723	.0010409	.0012908
%RSD	.2170619	.3022013	.3411032	.6518044	.3873194	2.198122
#1	.5211957	616.6713	41.05138	71.14472	.2689274	.0583482
#2	.5198898	620.1431	41.30505	71.99440	.2696902	.0576572
#3	.5221424	619.6118	41.28323	71.90637	.2676313	.0601568

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.274948	.6900533	.7815985	20.35589	4.640679	.0496512
Stddev	.706231	.0028135	.0076085	.12568	.005933	.0020633
%RSD	31.04383	.4077226	.9734515	.6174345	.1278382	4.155673
#1	1.463345	.6868997	.7730218	20.21587	4.639468	.0500470
#2	2.611924	.6923060	.7875356	20.45896	4.647123	.0514879
#3	2.749577	.6909542	.7842382	20.39284	4.635445	.0474186

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-08DLX2 Acquired: 12/21/2024 12:36:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001079	.6092512	4.484135	.0373247	1.419480	-.334251
Stddev	.0004931	.0016761	.035674	.0027425	.008904	.000239
%RSD	457.0497	.2751146	.7955666	7.347810	.6272843	.0716144
#1	-.000045	.6111778	4.462088	.0343683	1.411376	-.334073
#2	.000659	.6084483	4.465025	.0397859	1.429012	-.334155
#3	-.000291	.6081276	4.525293	.0378199	1.418053	-.334523

Elem	Li6707
Units	ppm
Avg	.1252197
Stddev	.0043787
%RSD	3.496845
#1	.1300387
#2	.1214848
#3	.1241357

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.733	23787.32	2451.432	1656.131	2085.540
Stddev	1.348	180.41	12.547	13.017	1.936
%RSD	.0697045	.7584416	.5118422	.7860031	.0928079
#1	1935.250	23604.82	2445.588	1645.163	2087.711
#2	1933.275	23791.58	2465.836	1652.714	2084.917
#3	1932.674	23965.57	2442.873	1670.516	2083.993

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-09DLX2 Acquired: 12/21/2024 12:40:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3010381	-.316125	.3757552	.4071182	.1651041	79.00113
Stddev	.0037942	.001567	.0017679	.0008579	.0011120	.29303
%RSD	1.260368	.4958174	.4704949	.2107213	.6735038	.3709129
#1	.2966642	-.314329	.3766908	.4080822	.1659813	78.76394
#2	.3034440	-.316832	.3737161	.4068338	.1654774	79.32870
#3	.3030060	-.317214	.3768588	.4064387	.1638534	78.91074

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.288513	.0146161	.0051810	33.01508	.1294587	.2401692
Stddev	.010978	.0002271	.0000824	.12465	.0012476	.0002714
%RSD	.4796970	1.553869	1.589970	.3775480	.9637108	.1130114
#1	2.283569	.0148132	.0052347	32.94454	.1280990	.2401850
#2	2.301093	.0146674	.0050861	33.15900	.1305509	.2398902
#3	2.280876	.0143678	.0052220	32.94169	.1297260	.2404324

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4225471	749.5502	F 42.91594	45.98544	.2024517	.0715294
Stddev	.0061570	3.6103	.21647	.07805	.0011415	.0024789
%RSD	1.457112	.4816656	.5044123	.1697211	.5638524	3.465549
#1	.4291848	747.7929	42.79268	45.94282	.2030243	.0743672
#2	.4214335	753.7028	43.16590	46.07552	.2011372	.0697865
#3	.4170228	747.1550	42.78925	45.93799	.2031936	.0704345

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.511352	.3408986	.8118896	22.07838	4.317018	.0510762
Stddev	.430683	.0011311	.0123634	.12245	.013636	.0046576
%RSD	17.14943	.3318029	1.522797	.5545983	.3158757	9.118868
#1	2.240623	.3410551	.7993777	21.93832	4.301759	.0522128
#2	3.007988	.3419433	.8121922	22.16516	4.321282	.0550604
#3	2.285445	.3396973	.8240990	22.13166	4.328013	.0459556

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-09DLX2 Acquired: 12/21/2024 12:40:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003155	.4431898	3.763648	.0449757	1.232064	-.494594
Stddev	.000105	.0026159	.009330	.0013045	.006267	.001887
%RSD	3.332749	.5902392	.2479060	2.900533	.5086675	.3816245
#1	-.003240	.4433776	3.761631	.0459178	1.225215	-.493820
#2	-.003037	.4404851	3.755491	.0455225	1.237513	-.496746
#3	-.003188	.4457068	3.773821	.0434867	1.233465	-.493216

Elem	Li6707
Units	ppm
Avg	.1133015
Stddev	.0024915
%RSD	2.199009
#1	.1117814
#2	.1161769
#3	.1119464

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1892.768	23137.72	2388.490	1609.471	2111.823
Stddev	6.667	47.05	9.870	4.722	9.079
%RSD	.3522538	.2033412	.4132217	.2933795	.4299001
#1	1899.843	23181.24	2394.374	1613.925	2120.869
#2	1886.602	23144.12	2394.000	1609.967	2102.712
#3	1891.860	23087.80	2377.095	1604.521	2111.887

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-10DLX2 Acquired: 12/21/2024 12:44:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3620176	-.282963	.5829926	.3884301	.1558862	73.76380
Stddev	.0053094	.005761	.0040800	.0023488	.0037660	.22964
%RSD	1.466620	2.036069	.6998304	.6046974	2.415873	.3113237
#1	.3666344	-.277549	.5797386	.3875167	.1516066	73.58068
#2	.3632026	-.282321	.5875700	.3866753	.1573575	73.68928
#3	.3562158	-.289018	.5816691	.3910985	.1586945	74.02145

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.101282	.0123416	.0083872	28.53655	.1677381	.2390898
Stddev	.010595	.0002426	.0000608	.09323	.0009504	.0007388
%RSD	.2583270	1.965761	.7247829	.3267136	.5666048	.3090014
#1	4.089526	.0122513	.0084467	28.42977	.1683772	.2382390
#2	4.104229	.0121571	.0083252	28.57804	.1666459	.2394622
#3	4.110092	.0126164	.0083897	28.60184	.1681912	.2395684

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8364711	703.1079	F 52.28431	47.60511	.2174666	.0712484
Stddev	.0065431	3.3889	.24318	.22954	.0008946	.0003998
%RSD	.7822277	.4819872	.4651158	.4821746	.4113682	.5611070
#1	.8434093	699.6762	52.02803	47.35434	.2172345	.0708113
#2	.8304120	703.1953	52.31305	47.80483	.2184543	.0715955
#3	.8355918	706.4523	52.51184	47.65617	.2167109	.0713383

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.476443	.4445627	.8790563	16.81121	3.959465	.0420915
Stddev	1.007345	.0052837	.0111767	.18566	.006211	.0114066
%RSD	40.67707	1.188524	1.271438	1.104368	.1568523	27.09955
#1	1.465230	.4506309	.8830666	16.60024	3.963228	.0329489
#2	2.484224	.4420768	.8876744	16.88373	3.962869	.0548738
#3	3.479874	.4409805	.8664277	16.94967	3.952296	.0384519

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-10DLX2 Acquired: 12/21/2024 12:44:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYX8 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002414	.2662447	2.870347	.0425507	.8931535	-.440415
Stddev	.000101	.0037159	.023474	.0009028	.0079232	.002211
%RSD	4.165877	1.395657	.8178116	2.121807	.8871001	.5020902
#1	-.002300	.2628527	2.887498	.0431487	.8856795	-.438233
#2	-.002490	.2656652	2.843595	.0429914	.9014601	-.440357
#3	-.002451	.2702163	2.879949	.0415122	.8923209	-.442654

Elem	Li6707
Units	ppm
Avg	.1126600
Stddev	.0013711
%RSD	1.217040
#1	.1142093
#2	.1121677
#3	.1116030

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1914.133	23395.90	2388.686	1635.724	2128.926
Stddev	7.158	31.26	16.653	2.108	7.148
%RSD	.3739715	.1336319	.6971691	.1288976	.3357773
#1	1917.601	23368.46	2376.093	1633.628	2134.697
#2	1918.896	23429.94	2407.568	1637.844	2131.153
#3	1905.901	23389.31	2382.397	1635.699	2120.930

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-11DLX2 Acquired: 12/21/2024 12:47:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4048593	-.239492	.1290462	.2631039	.1142870	209.9343	.3397791
Stddev	.0006191	.004814	.0033579	.0037403	.0011521	.2675	.0004427
%RSD	.1529266	2.010185	2.602122	1.421625	1.008038	.1273983	.1302904
#1	.4046772	-.242101	.1319651	.2673089	.1129862	209.6644	.3394763
#2	.4043516	-.233937	.1253764	.2601480	.1146960	210.1992	.3402872
#3	.4055491	-.242439	.1297972	.2618547	.1151787	209.9393	.3395739

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0120236	.0051589	62.28205	.6371732	.4658235	1.288816	518.0271
Stddev	.0000645	.0000565	.04320	.0012904	.0006721	.008611	.8321
%RSD	.5363378	1.094668	.0693618	.2025139	.1442909	.6681269	.1606191
#1	.0119499	.0052176	62.31961	.6384232	.4665981	1.283260	518.5739
#2	.0120699	.0051049	62.29171	.6358460	.4653946	1.298735	518.4379
#3	.0120509	.0051542	62.23484	.6372503	.4654777	1.284452	517.0696

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.82311	147.4426	.5450803	.0404503	2.918727	1.348877	.3957854
Stddev	.02464	.2954	.0001740	.0015766	.237793	.011092	.0038664
%RSD	.1921418	.2003235	.0319260	3.897598	8.147146	.8222920	.9768965
#1	12.81671	147.6200	.5450101	.0420020	3.144470	1.340456	.4000247
#2	12.85032	147.6062	.5449523	.0404991	2.941227	1.361445	.3924531
#3	12.80231	147.1017	.5452784	.0388500	2.670484	1.344729	.3948785

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5124318	2.317060	.0327329	-.001794	.2426072	3.729838	.0364759
Stddev	.1185316	.003725	.0021926	.000357	.0078432	.007082	.0006438
%RSD	23.13119	.1607708	6.698525	19.87662	3.232898	.1898842	1.765109
#1	.3941228	2.318047	.0312423	-.001821	.2416038	3.737837	.0358648
#2	.5119879	2.320192	.0352506	-.002136	.2509038	3.724366	.0364147
#3	.6311847	2.312941	.0317059	-.001424	.2353139	3.727310	.0371482

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-11DLX2 Acquired: 12/21/2024 12:47:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.168318	-.251360	.0876023
Stddev	.014252	.000937	.0025071
%RSD	.2757657	.3727949	2.861954
#1	5.184129	-.250992	.0882832
#2	5.164367	-.252426	.0896987
#3	5.156458	-.250663	.0848250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1959.625	24145.54	2499.318	1674.595	2047.288
Stddev	2.421	99.98	9.773	1.431	3.506
%RSD	.1235641	.4140847	.3910410	.0854829	.1712703
#1	1957.212	24248.33	2504.721	1674.401	2045.583
#2	1962.055	24048.62	2488.036	1673.271	2044.960
#3	1959.607	24139.67	2505.197	1676.114	2051.321

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-12DLX2 Acquired: 12/21/2024 12:51:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3774252	-.229071	.1147189	.2518312	.1107321	201.7990	.3505039
Stddev	.0124681	.001331	.0017737	.0013993	.0047148	.7715	.0015545
%RSD	3.303459	.5811343	1.546151	.5556376	4.257890	.3822945	.4435027
#1	.3795850	-.230426	.1158365	.2529054	.1109937	200.9200	.3487303
#2	.3640183	-.227765	.1156463	.2502489	.1058919	202.3637	.3516301
#3	.3886723	-.229022	.1126737	.2523393	.1153108	202.1134	.3511512

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114134	.0044763	72.51327	.5881875	.4447244	1.748074	496.8396
Stddev	.0000264	.0001588	.30693	.0012305	.0003499	.014654	1.8853
%RSD	.2311611	3.548141	.4232722	.2091976	.0786831	.8382879	.3794589
#1	.0114413	.0046531	72.36124	.5895497	.4449689	1.745908	494.7230
#2	.0113889	.0043456	72.86654	.5878561	.4443236	1.763690	497.4567
#3	.0114100	.0044303	72.31203	.5871566	.4448807	1.734623	498.3389

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.44289	142.6289	.5140572	.0396734	2.705978	1.317448	.3706132
Stddev	.04686	.4171	.0015808	.0011927	.226336	.009242	.0067705
%RSD	.3765928	.2924578	.3075131	3.006314	8.364302	.7014956	1.826840
#1	12.39051	142.1500	.5157419	.0406074	2.452730	1.312144	.3778002
#2	12.48081	142.9129	.5138234	.0383299	2.776682	1.312081	.3696842
#3	12.45737	142.8238	.5126064	.0400829	2.888522	1.328119	.3643551

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8926671	2.301004	.0351569	-.001843	.1691982	4.295972	.0330559
Stddev	.0376626	.005101	.0032130	.000337	.0086502	.026302	.0014849
%RSD	4.219113	.2217047	9.139011	18.28260	5.112435	.6122522	4.492167
#1	.8763925	2.297028	.0315017	-.002152	.1786575	4.265603	.0327606
#2	.8658784	2.306756	.0375350	-.001484	.1672465	4.311466	.0317408
#3	.9357304	2.299228	.0364341	-.001894	.1616906	4.310848	.0346663

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-12DLX2 Acquired: 12/21/2024 12:51:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.642832	-.203849	.0900099
Stddev	.016577	.000573	.0022868
%RSD	.3570539	.2811696	2.540630
#1	4.628685	-.203388	.0874737
#2	4.638737	-.203668	.0906413
#3	4.661073	-.204491	.0919147

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.190	24028.74	2497.085	1680.829	2064.805
Stddev	3.708	130.33	19.997	14.051	4.223
%RSD	.1885014	.5424060	.8007969	.8359541	.2045013
#1	1966.401	23999.83	2517.556	1667.198	2063.663
#2	1963.940	23915.28	2477.600	1680.024	2061.270
#3	1971.229	24171.10	2496.098	1695.266	2069.481

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-13DLX2 Acquired: 12/21/2024 12:55:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3538040	-.256682	.0867994	.2773889	.1185114	224.2578	.2816628
Stddev	.0022611	.001022	.0017534	.0012570	.0030067	.4069	.0008901
%RSD	.6390838	.3982873	2.020108	.4531384	2.537078	.1814601	.3160303
#1	.3545191	-.257545	.0883645	.2787371	.1160353	223.9233	.2826188
#2	.3556211	-.256948	.0849045	.2762494	.1176417	224.7108	.2815116
#3	.3512718	-.255553	.0871292	.2771801	.1218571	224.1392	.2808579

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123880	.0042186	51.73893	.6732877	.4922675	1.197801	545.0897
Stddev	.0001810	.0000949	.09745	.0008150	.0013649	.007591	.8530
%RSD	1.460953	2.248877	.1883475	.1210484	.2772721	.6337190	.1564920
#1	.0125951	.0041221	51.72919	.6733371	.4906921	1.189052	544.6018
#2	.0123087	.0042220	51.84089	.6724491	.4930954	1.202638	544.5927
#3	.0122602	.0043117	51.64673	.6740769	.4930151	1.201711	546.0747

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.15279	166.1832	.5881637	.0424425	3.333890	1.482043	.3651950
Stddev	.02709	.3598	.0017611	.0003006	.622133	.003556	.0209144
%RSD	.1914271	.2164873	.2994278	.7082737	18.66086	.2399358	5.726907
#1	14.12219	166.5674	.5865570	.0425762	2.700513	1.479329	.3748643
#2	14.17374	166.1279	.5900466	.0420983	3.357024	1.486069	.3411955
#3	14.16243	165.8543	.5878875	.0426531	3.944132	1.480732	.3795251

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3695127	2.399670	.0308745	-.002650	.1041381	3.849421	.0388610
Stddev	.2023034	.006840	.0058579	.000510	.0045609	.029708	.0018038
%RSD	54.74871	.2850197	18.97313	19.24614	4.379623	.7717407	4.641679
#1	.6024395	2.395984	.0372739	-.002114	.0994462	3.815668	.0367818
#2	.2683959	2.395465	.0257775	-.003129	.1085555	3.860995	.0397943
#3	.2377028	2.407562	.0295720	-.002706	.1044127	3.871599	.0400070

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-13DLX2 Acquired: 12/21/2024 12:55:32 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.700091	-.301070	.0950597
Stddev	.008383	.000838	.0014462
%RSD	.1783597	.2783059	1.521333
#1	4.690479	-.300869	.0967264
#2	4.705884	-.300351	.0941366
#3	4.703911	-.301990	.0943162

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1992.393	24494.34	2548.132	1703.488	2074.554
Stddev	5.377	67.73	8.941	6.054	6.599
%RSD	.2698694	.2765065	.3508959	.3553794	.3181077
#1	1998.601	24462.72	2555.546	1696.828	2082.054
#2	1989.345	24448.21	2538.203	1708.657	2069.634
#3	1989.232	24572.10	2550.647	1704.979	2071.975

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-14DLX2 Acquired: 12/21/2024 12:59:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3887396	-.209454	.0767091	.2438647	.1021539	201.5219	.3939035
Stddev	.0067278	.000351	.0021451	.0072954	.0014591	1.5509	.0017203
%RSD	1.730680	.1673456	2.796467	2.991568	1.428360	.7696098	.4367353
#1	.3813661	-.209472	.0756955	.2395515	.1005714	200.0926	.3930446
#2	.3903081	-.209096	.0791732	.2522879	.1034459	203.1710	.3958841
#3	.3945446	-.209796	.0752586	.2397548	.1024443	201.3020	.3927817

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0106032	.0032117	52.53187	.5915464	.5453291	1.129543	464.9402
Stddev	.0001035	.0002583	.41664	.0027004	.0116140	.004030	3.0545
%RSD	.9763167	8.042724	.7931269	.4565024	2.129730	.3567601	.6569592
#1	.0104845	.0034937	52.15350	.5939152	.5571488	1.130915	462.0391
#2	.0106503	.0029865	52.97839	.5921183	.5339322	1.132708	468.1279
#3	.0106748	.0031548	52.46372	.5886059	.5449063	1.125007	464.6537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.10742	144.3003	.5333385	.0368121	1.930742	1.269050	.2872454
Stddev	.12020	1.1971	.0101459	.0000600	.297794	.008352	.0153815
%RSD	.7956678	.8295731	1.902328	.1630220	15.42381	.6581352	5.354823
#1	14.99991	143.1852	.5432125	.0368786	2.218932	1.261599	.2851551
#2	15.23720	145.5652	.5229410	.0367956	1.624194	1.278078	.3035652
#3	15.08515	144.1507	.5338619	.0367621	1.949099	1.267473	.2730160

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.776628	1.509488	.0291101	-.001683	.1322476	3.673066	.0264268
Stddev	.131820	.026087	.0002945	.000798	.0039676	.042973	.0001254
%RSD	16.97332	1.728174	1.011696	47.41284	3.000139	1.169952	.4746669
#1	-.908070	1.532156	.0293230	-.001411	.1287643	3.644781	.0263261
#2	-.777379	1.480974	.0287740	-.002581	.1365664	3.722516	.0263870
#3	-.644434	1.515334	.0292332	-.001056	.1314120	3.651900	.0265673

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-14DLX2 Acquired: 12/21/2024 12:59:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.233269	-.203916	.0988371
Stddev	.020978	.000689	.0074696
%RSD	.9393333	.3376701	7.557506
#1	2.212008	-.203287	.0906993
#2	2.253952	-.204651	.1004308
#3	2.233848	-.203808	.1053813

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2032.377	24508.65	2526.476	1702.587	2104.853
Stddev	28.986	88.34	25.687	9.936	32.122
%RSD	1.426216	.3604523	1.016710	.5835984	1.526073
#1	2002.508	24443.01	2542.477	1705.070	2070.896
#2	2060.392	24473.86	2496.847	1691.645	2134.755
#3	2034.230	24609.09	2540.104	1711.047	2108.907

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-15DLX2 Acquired: 12/21/2024 13:03:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3073087	-.251411	.0775226	.2670341	.1211312	219.7183	.2285333
Stddev	.0054716	.001725	.0028005	.0025106	.0006280	.6131	.0024697
%RSD	1.780493	.6861038	3.612541	.9401918	.5184813	.2790296	1.080693
#1	.3050361	-.249420	.0750677	.2654234	.1218391	219.5273	.2291991
#2	.3033396	-.252459	.0769273	.2699269	.1206411	220.4041	.2306019
#3	.3135504	-.252353	.0805730	.2657520	.1209132	219.2234	.2257989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0122172	.0037118	52.35672	.7388266	.4296233	1.055333	532.8472
Stddev	.0000690	.0002229	.17830	.0029729	.0085115	.010160	1.4294
%RSD	.5651802	6.005591	.3405425	.4023872	1.981159	.9627270	.2682525
#1	.0122187	.0036127	52.17874	.7369316	.4251855	1.053277	532.1850
#2	.0122854	.0035557	52.53534	.7372951	.4242478	1.046359	534.4876
#3	.0121474	.0039671	52.35607	.7422530	.4394366	1.066364	531.8691

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.61962	168.1667	.5707871	.0416497	3.447559	1.413114	.3391898
Stddev	.03984	.6115	.0101497	.0001486	.608362	.004748	.0089825
%RSD	.3429027	.3636282	1.778200	.3567070	17.64616	.3360040	2.648210
#1	11.60811	168.2154	.5660215	.0415483	2.822203	1.418571	.3342055
#2	11.66395	168.7524	.5638971	.0415805	4.037368	1.410839	.3338047
#3	11.58680	167.5323	.5824426	.0418202	3.483108	1.409931	.3495593

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7752040	2.462166	.0353171	-.002882	.0934573	3.800996	.0399301
Stddev	.0370987	.045742	.0069161	.000400	.0061663	.033602	.0027689
%RSD	4.785665	1.857781	19.58295	13.88645	6.598031	.8840292	6.934362
#1	.7394911	2.443522	.0273631	-.002483	.0879650	3.835616	.0426824
#2	.7725724	2.428691	.0386749	-.002881	.0922792	3.798859	.0399629
#3	.8135483	2.514286	.0399132	-.003283	.1001277	3.768514	.0371449

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-15DLX2 Acquired: 12/21/2024 13:03:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	6.232482	-.302151	.0919719
Stddev	.024778	.000623	.0025359
%RSD	.3975614	.2061304	2.757224
#1	6.231812	-.301580	.0893020
#2	6.257588	-.302815	.0922653
#3	6.208045	-.302059	.0943482

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1943.720	23998.65	2497.982	1672.050	2030.471
Stddev	28.115	98.11	9.335	8.916	30.835
%RSD	1.446441	.4088297	.3736883	.5332265	1.518611
#1	1952.612	24095.27	2491.509	1682.343	2043.117
#2	1966.315	24001.58	2493.755	1667.090	2052.972
#3	1912.235	23899.11	2508.683	1666.717	1995.323

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-16DLX2 Acquired: 12/21/2024 13:06:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4144093	-.261781	.0819078	.2844422	.1247165	243.2564	.3228946
Stddev	.0051687	.004348	.0041624	.0051809	.0042029	1.5304	.0024173
%RSD	1.247236	1.660800	5.081841	1.821413	3.369932	.6291284	.7486428
#1	.4084414	-.261513	.0849982	.2874766	.1202095	243.5750	.3240280
#2	.4173393	-.257573	.0771747	.2784600	.1254114	241.5918	.3201189
#3	.4174472	-.266256	.0835506	.2873899	.1285286	244.6024	.3245371

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0123905	.0042189	55.10813	.7330455	.5009999	1.241981	562.5744
Stddev	.0002423	.0001348	.38688	.0022003	.0012108	.012790	3.4207
%RSD	1.955691	3.194974	.7020370	.3001659	.2416736	1.029802	.6080462
#1	.0126660	.0043713	55.16730	.7338339	.5000821	1.249056	562.4374
#2	.0122107	.0041702	54.69508	.7347430	.5023722	1.227217	559.2243
#3	.0122946	.0041153	55.46202	.7305595	.5005454	1.249671	566.0616

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71875	191.4296	.6491098	.0440733	3.297471	1.548485	.3812968
Stddev	.09040	.8749	.0003161	.0018305	.330953	.014643	.0179539
%RSD	.5751358	.4570110	.0486911	4.153340	10.03659	.9456545	4.708636
#1	15.70789	191.1999	.6490561	.0442006	2.977850	1.555892	.3609080
#2	15.63427	190.6925	.6494492	.0421824	3.275863	1.531618	.3882410
#3	15.81410	192.3963	.6488240	.0458368	3.638698	1.557945	.3947414

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.631856	2.360008	.0353636	-.002529	.1092990	3.939166	.0352450
Stddev	.046584	.004957	.0045721	.000086	.0093572	.030216	.0019021
%RSD	7.372632	.2100304	12.92874	3.397780	8.561062	.7670761	5.396857
#1	-.648200	2.355597	.0348093	-.002624	.1034776	3.974057	.0330487
#2	-.579302	2.359055	.0310939	-.002457	.1043269	3.921700	.0363279
#3	-.668066	2.365372	.0401876	-.002506	.1200926	3.921742	.0363585

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-16DLX2 Acquired: 12/21/2024 13:06:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.819703	-.294489	.1322920
Stddev	.019279	.001866	.0031472
%RSD	.6837346	.6335489	2.378982
#1	2.822424	-.294303	.1312001
#2	2.799208	-.292723	.1298362
#3	2.837477	-.296440	.1358398

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1954.416	23906.07	2495.310	1661.525	2034.657
Stddev	4.828	8.99	18.278	3.374	5.117
%RSD	.2470074	.0376067	.7325084	.2030448	.2514890
#1	1951.017	23904.10	2475.443	1659.565	2031.968
#2	1959.942	23915.88	2511.414	1665.421	2040.558
#3	1952.291	23898.23	2499.073	1659.589	2031.446

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-17DLX2 Acquired: 12/21/2024 13:10:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1745863	-.090754	.1276963	.1018654	.0401450	87.87654	.7271848
Stddev	.0030710	.001896	.0044868	.0023105	.0016337	1.32721	.0119856
%RSD	1.759029	2.089498	3.513686	2.268178	4.069406	1.510312	1.648224
#1	.1780507	-.092813	.1246886	.1002369	.0392250	87.28229	.7192989
#2	.1735097	-.089080	.1328535	.1045098	.0420312	89.39703	.7409773
#3	.1721985	-.090367	.1255467	.1008496	.0391787	86.95029	.7212781

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071139	.0029921	60.37816	.1876527	.1305682	.4150023	216.0835
Stddev	.0000638	.0001864	.77934	.0041724	.0005253	.0017789	3.1619
%RSD	.8973704	6.229683	1.290766	2.223462	.4023545	.4286393	1.463273
#1	.0071618	.0028949	60.14135	.1898901	.1307654	.4130231	214.9349
#2	.0071385	.0028743	61.24844	.1828388	.1299728	.4164677	219.6591
#3	.0070415	.0032070	59.74470	.1902291	.1309665	.4155162	213.6564

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.353098	47.14594	.1572605	.0188169	2.639498	.4505470	.3237720
Stddev	.058725	.75725	.0009009	.0009534	.419297	.0163423	.0149791
%RSD	1.349043	1.606191	.5728462	5.066542	15.88549	3.627209	4.626436
#1	4.322306	46.85978	.1571400	.0185889	3.116990	.4513129	.3333530
#2	4.420816	48.00458	.1582156	.0198636	2.331389	.4664929	.3065104
#3	4.316173	46.57347	.1564260	.0179983	2.470115	.4338353	.3314525

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.91016	5.050167	.0245279	.0003737	.4409330	3.980354	.0085154
Stddev	.28870	.015338	.0023717	.0000960	.0058084	.028540	.0017519
%RSD	1.936274	.3037034	9.669550	25.68966	1.317301	.7170133	20.57388
#1	14.89460	5.033887	.0245544	.0003994	.4472496	3.954972	.0075835
#2	15.20632	5.052268	.0268862	.0004541	.4397273	4.011247	.0074264
#3	14.62954	5.064346	.0221430	.0002674	.4358220	3.974841	.0105364

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-17DLX2 Acquired: 12/21/2024 13:10:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.066625	.0108046	.0479118
Stddev	.026852	.0006378	.0012039
%RSD	1.299312	5.902704	2.512657
#1	2.056364	.0101943	.0485380
#2	2.097094	.0114667	.0486735
#3	2.046416	.0107530	.0465239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2004.300	24781.90	2497.238	1721.751	2104.262
Stddev	2.151	464.24	18.265	33.728	5.116
%RSD	.1073003	1.873290	.7314091	1.958908	.2431254
#1	2005.389	24524.46	2513.381	1704.822	2108.691
#2	2005.689	25317.82	2477.412	1760.589	2105.433
#3	2001.823	24503.42	2500.922	1699.841	2098.662

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-18DLX2 Acquired: 12/21/2024 13:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2583750	-.244187	.0771288	.2636722	.1201080	205.0192	.1592008
Stddev	.0055080	.000285	.0020202	.0031118	.0007762	.4808	.0016011
%RSD	2.131788	.1166692	2.619312	1.180187	.6462848	.2345149	1.005719
#1	.2642215	-.244334	.0753170	.2625163	.1197733	204.4693	.1584607
#2	.2576201	-.243858	.0793073	.2613038	.1195553	205.3602	.1610380
#3	.2532833	-.244368	.0767621	.2671966	.1209955	205.2281	.1581035

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113068	.0033786	49.27413	.5961699	.3963096	1.121778	516.4247
Stddev	.0000752	.0001635	.12221	.0025576	.0011707	.009594	1.8973
%RSD	.6647668	4.840743	.2480118	.4289962	.2953920	.8552532	.3673831
#1	.0113899	.0035459	49.19284	.5973797	.3966456	1.128566	514.2504
#2	.0112868	.0032191	49.21487	.5932319	.3950077	1.125967	517.7440
#3	.0112436	.0033708	49.41466	.5978982	.3972755	1.110802	517.2798

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.30842	151.3312	.4981067	.0430129	2.242978	1.300696	.3556264
Stddev	.03340	.5733	.0017234	.0007463	.435763	.000234	.0209930
%RSD	.2953709	.3788515	.3459815	1.735018	19.42789	.0179637	5.903097
#1	11.26998	150.6789	.4990180	.0437243	2.313770	1.300747	.3387315
#2	11.32494	151.5596	.4961190	.0422360	1.776153	1.300899	.3791279
#3	11.33035	151.7551	.4991830	.0430782	2.639011	1.300440	.3490197

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.08875	2.341035	.0315943	-.002057	.0835047	5.907587	.0468631
Stddev	.07065	.004755	.0100116	.000131	.0013306	.017414	.0012153
%RSD	6.489353	.2031039	31.68811	6.390744	1.593395	.2947731	2.593364
#1	-1.02657	2.346498	.0205680	-.001957	.0837572	5.927468	.0460971
#2	-1.07412	2.337830	.0340995	-.002010	.0820660	5.900257	.0462278
#3	-1.16558	2.338777	.0401154	-.002206	.0846909	5.895036	.0482644

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-18DLX2 Acquired: 12/21/2024 13:14:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	10.54010	-.316842	.0646543
Stddev	.03574	.001407	.0043412
%RSD	.3390631	.4440185	6.714552
#1	10.49937	-.315227	.0596430
#2	10.56621	-.317500	.0672659
#3	10.55471	-.317800	.0670541

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1935.244	23758.74	2463.464	1649.404	2046.745
Stddev	7.043	116.71	2.740	5.846	6.465
%RSD	.3639493	.4912488	.1112452	.3544498	.3158562
#1	1931.253	23860.24	2463.198	1652.847	2041.410
#2	1943.376	23784.76	2460.866	1642.654	2053.934
#3	1931.103	23631.20	2466.328	1652.711	2044.892

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-19DLX2 Acquired: 12/21/2024 13:18:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3156187	-.219129	.1250760	.2424383	.1081785	196.4768	.2146645
Stddev	.0067844	.004385	.0018813	.0020531	.0020871	1.5285	.0023337
%RSD	2.149567	2.001153	1.504092	.8468671	1.929261	.7779724	1.087163
#1	.3077912	-.219003	.1272029	.2447483	.1068611	195.6175	.2142241
#2	.3192565	-.214808	.1236300	.2417449	.1070897	195.5712	.2125822
#3	.3198084	-.223576	.1243950	.2408216	.1105848	198.2415	.2171870

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107907	.0044400	49.30690	.7769370	.3509851	1.157782	468.9530
Stddev	.0001191	.0000729	.37782	.0009147	.0006987	.013915	3.8325
%RSD	1.103674	1.642309	.7662581	.1177253	.1990734	1.201830	.8172466
#1	.0109001	.0044074	49.02777	.7779348	.3501977	1.165513	466.9586
#2	.0108081	.0045236	49.15609	.7767377	.3512268	1.141718	466.5289
#3	.0106639	.0043891	49.73683	.7761384	.3515309	1.166114	473.3714

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.573373	149.3611	.5502320	.0388498	2.602172	1.195241	.3668492
Stddev	.067422	1.2229	.0006784	.0013092	1.466625	.012236	.0103933
%RSD	.7864077	.8187808	.1232996	3.369822	56.36158	1.023755	2.833126
#1	8.535922	148.8733	.5496184	.0377668	3.306709	1.203897	.3680785
#2	8.532990	148.4573	.5501170	.0384779	3.583585	1.181242	.3765732
#3	8.651206	150.7526	.5509605	.0403046	.916220	1.200583	.3558959

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-1.53178	1.847659	.0328124	-.002028	.1506885	4.302227	.0392364
Stddev	.11938	.007158	.0105217	.000214	.0031322	.075535	.0010474
%RSD	7.793561	.3873843	32.06636	10.57428	2.078592	1.755711	2.669347
#1	-1.66328	1.841731	.0423093	-.001862	.1483716	4.252205	.0387216
#2	-1.50187	1.845635	.0346262	-.002270	.1494419	4.265361	.0385461
#3	-1.43021	1.855611	.0215017	-.001951	.1542521	4.389116	.0404415

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-19DLX2 Acquired: 12/21/2024 13:18:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	8.447585	-.305483	.0755030
Stddev	.066680	.002291	.0004898
%RSD	.7893430	.7500371	.6486888
#1	8.424127	-.304470	.0760635
#2	8.395804	-.303873	.0752881
#3	8.522825	-.308106	.0751574

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.766	23600.88	2440.217	1633.815	2030.707
Stddev	5.451	103.01	28.070	10.448	4.716
%RSD	.2850020	.4364766	1.150301	.6394766	.2322427
#1	1917.111	23506.16	2463.650	1627.522	2034.032
#2	1914.538	23585.92	2447.893	1628.046	2032.780
#3	1906.649	23710.55	2409.108	1645.875	2025.309

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-20DLX2 Acquired: 12/21/2024 13:22:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1717539	-.140640	.0659374	.1621469	.0687783	128.5305	.4153017
Stddev	.0006952	.001052	.0009512	.0026588	.0010347	.4521	.0017203
%RSD	.4047618	.7480915	1.442650	1.639779	1.504451	.3517479	.4142378
#1	.1711734	-.139438	.0663608	.1593798	.0675848	128.0448	.4138096
#2	.1725243	-.141086	.0666034	.1646824	.0693275	128.9391	.4149121
#3	.1715641	-.141395	.0648479	.1623783	.0694227	128.6075	.4171835

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0076625	.0022942	76.77893	.3500705	.2914325	.7615580	327.8874
Stddev	.0000657	.0001036	.29931	.0012917	.0004331	.0064017	.5608
%RSD	.8579245	4.515795	.3898281	.3689723	.1486164	.8406008	.1710382
#1	.0076810	.0023657	76.44251	.3485825	.2909359	.7687238	327.3046
#2	.0075895	.0023415	77.01570	.3507264	.2916296	.7595467	328.4232
#3	.0077170	.0021754	76.87857	.3509026	.2917321	.7564036	327.9345

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.079074	92.14451	.3320952	.0263001	2.824547	.8410434	.2530011
Stddev	.042635	.36270	.0022583	.0006263	.261162	.0010436	.0089893
%RSD	.4695966	.3936242	.6800277	2.381490	9.246154	.1240864	3.553050
#1	9.044454	91.83375	.3307461	.0257757	3.001931	.8419219	.2550089
#2	9.126696	92.54305	.3308371	.0261309	2.524652	.8398898	.2431777
#3	9.066071	92.05673	.3347024	.0269936	2.947059	.8413185	.2608166

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.397499	2.387104	.0270122	-.000932	.2053138	4.868115	.0221687
Stddev	.042985	.006652	.0008109	.000195	.0002557	.019546	.0009448
%RSD	3.075852	.2786792	3.002177	20.96679	.1245489	.4015146	4.261916
#1	1.351901	2.388567	.0279147	-.000894	.2056089	4.855891	.0211842
#2	1.437279	2.379843	.0263447	-.001144	.2051575	4.890658	.0230680
#3	1.403315	2.392904	.0267772	-.000759	.2051749	4.857795	.0222538

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-20DLX2 Acquired: 12/21/2024 13:22:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.706429	-.071061	.0540270
Stddev	.011981	.000117	.0021245
%RSD	.2545686	.1645943	3.932211
#1	4.695946	-.070956	.0523305
#2	4.719489	-.071187	.0533409
#3	4.703852	-.071040	.0564098

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1945.545	23920.57	2472.414	1659.117	2096.658
Stddev	.250	84.11	16.597	9.128	4.603
%RSD	.0128485	.3516014	.6712807	.5501752	.2195487
#1	1945.547	23831.97	2460.405	1650.883	2099.092
#2	1945.794	23930.45	2465.485	1657.537	2099.533
#3	1945.294	23999.31	2491.353	1668.932	2091.349

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-21DLX2 Acquired: 12/21/2024 13:26:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1755712	-.145397	.0645064	.1640084	.0691669	129.5438	.4179943
Stddev	.0008530	.002643	.0007746	.0040403	.0004629	.1449	.0010638
%RSD	.4858459	1.817867	1.200728	2.463453	.6693132	.1118504	.2544985
#1	.1757518	-.145572	.0639207	.1659706	.0694014	129.3769	.4174781
#2	.1746424	-.147948	.0653846	.1666928	.0694657	129.6172	.4192177
#3	.1763194	-.142671	.0642138	.1593617	.0686336	129.6375	.4172871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077506	.0022389	77.39061	.3512762	.2952616	.7647252	330.6029
Stddev	.0000377	.0001569	.09252	.0008919	.0017709	.0052261	.6967
%RSD	.4864542	7.009000	.1195509	.2539114	.5997657	.6833901	.2107448
#1	.0077084	.0020600	77.38610	.3505971	.2945409	.7667932	329.8072
#2	.0077623	.0023530	77.48531	.3522863	.2939647	.7587816	330.8975
#3	.0077810	.0023038	77.30043	.3509452	.2972792	.7686009	331.1039

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.140414	92.89399	.3352962	.0273277	3.391443	.8441474	.2621431
Stddev	.011338	.45243	.0015701	.0009889	.156188	.0038127	.0102776
%RSD	.1240403	.4870353	.4682764	3.618577	4.605347	.4516587	3.920623
#1	9.129644	92.50855	.3355527	.0271781	3.246981	.8482310	.2529652
#2	9.152245	92.78132	.3336136	.0264222	3.370172	.8435304	.2732478
#3	9.139353	93.39210	.3367223	.0283829	3.557176	.8406809	.2602162

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.320110	2.413372	.0296285	-.001565	.1993106	4.905303	.0238183
Stddev	.115844	.016226	.0013637	.000484	.0059014	.008297	.0004523
%RSD	8.775354	.6723330	4.602658	30.91982	2.960900	.1691466	1.899050
#1	1.210804	2.401079	.0281218	-.002111	.1925037	4.910851	.0240018
#2	1.307986	2.407274	.0299856	-.001191	.2024369	4.909294	.0241501
#3	1.441539	2.431764	.0307781	-.001391	.2029911	4.895765	.0233031

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-21DLX2 Acquired: 12/21/2024 13:26:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.744387	-.072153	.0540463
Stddev	.006163	.000167	.0012040
%RSD	.1299099	.2318782	2.227729
#1	4.739214	-.072044	.0527813
#2	4.742742	-.072345	.0551783
#3	4.751207	-.072069	.0541795

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1944.662	23941.26	2469.001	1659.699	2092.938
Stddev	10.743	116.86	9.285	5.940	12.894
%RSD	.5524336	.4881213	.3760633	.3579117	.6160755
#1	1953.070	23810.88	2463.919	1652.853	2102.981
#2	1948.357	24036.58	2479.718	1663.485	2097.435
#3	1932.559	23976.32	2463.367	1662.760	2078.397

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV094 Acquired: 12/21/2024 13:29:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.803280	4.635995	23.83745	4.656829	4.596309	390.0358	9.913402
Stddev	.004620	.007760	.03947	.025041	.013312	9.2256	.230837
%RSD	.0961912	.1673865	.1655655	.5377291	.2896212	2.365314	2.328531
#1	4.806973	4.639991	23.81193	4.633971	4.581813	379.3840	9.647071
#2	4.798099	4.627051	23.81752	4.652921	4.599130	395.2333	10.05586
#3	4.804767	4.640942	23.88291	4.683594	4.607985	395.4900	10.03728

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4959029	2.408140	395.3187	14.81213	2.355045	14.63465	395.2944
Stddev	.0068003	.004000	9.3306	.01549	.002960	.33718	9.2032
%RSD	1.371299	.1660875	2.360281	.1045502	.1256976	2.303957	2.328199
#1	.4880817	2.406290	384.5480	14.81698	2.353502	14.24534	384.6758
#2	.4992085	2.405401	400.9403	14.79480	2.353175	14.82547	400.9700
#3	.5004184	2.412730	400.4677	14.82461	2.358458	14.83314	400.2373

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44119	391.6385	2.414465	1.262828	404.7613	2.428004	14.09638
Stddev	.34030	9.4714	.002684	.002255	9.8113	.061601	.19487
%RSD	2.356434	2.418402	.1111669	.1785946	2.423980	2.537114	1.382444
#1	14.04940	380.7425	2.416034	1.260609	393.4552	2.360563	13.89405
#2	14.66310	397.9020	2.411366	1.265118	411.0389	2.442141	14.28282
#3	14.61108	396.2710	2.415996	1.262758	409.7900	2.481308	14.11228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	147.2190	4.766055	4.727180	4.628198	4.691964	4.773827	4.661527
Stddev	3.5959	.017860	.060076	.010966	.010584	.067374	.014104
%RSD	2.442541	.3747234	1.270853	.2369461	.2255870	1.411317	.3025705
#1	143.0771	4.774315	4.660447	4.623467	4.679861	4.697893	4.648869
#2	149.0374	4.745561	4.744142	4.620392	4.696538	4.797141	4.658982
#3	149.5425	4.778290	4.776950	4.640736	4.699492	4.826448	4.676731

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV094 Acquired: 12/21/2024 13:29:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV094 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.868181	4.653418	5.119908
Stddev	.120108	.109828	.125526
%RSD	2.467197	2.360166	2.451721
#1	4.729656	4.526667	4.975263
#2	4.943259	4.720367	5.184155
#3	4.931629	4.713222	5.200305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1555.116	20601.03	2264.665	1324.510	1775.913
Stddev	1.669	21.93	33.769	3.363	1.592
%RSD	.1072953	.1064704	1.491110	.2539145	.0896260
#1	1556.059	20606.49	2303.475	1326.514	1777.288
#2	1556.100	20576.88	2248.527	1320.627	1776.281
#3	1553.190	20619.71	2241.993	1326.389	1774.169

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB094 Acquired: 12/21/2024 13:33:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0037784	.0009127	.0044740	.0016349	-.003313	.0291093
Stddev	.0045081	.0020034	.0027355	.0028779	.003455	.0313769
%RSD	119.3133	219.5123	61.14317	176.0269	104.2889	107.7899
#1	.0089613	.0005434	.0014131	.0049502	-.002360	.0625392
#2	.0007674	-.000880	.0066800	-.000220	-.007145	.0244915
#3	.0016064	.003075	.0053287	.000175	-.000434	.0002972

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003086	.0000058	.0001310	-.002683	-.000196	.0001620
Stddev	.0007152	.0001939	.0000570	.016315	.000362	.0002173
%RSD	231.7542	3328.332	43.52381	608.1169	184.6979	134.1243
#1	.0010746	-.000115	.0001965	.012319	.000211	-.000074
#2	.0001929	.000230	.0001036	-.000316	-.000316	.000354
#3	-.000342	-.000097	.0000928	-.020052	-.000484	.000206

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003854	.0325862	.0002584	.0935564	.0002978	.0003172
Stddev	.004902	.0213922	.0005675	.0525099	.0007290	.0004992
%RSD	127.1868	65.64793	219.6364	56.12651	244.8110	157.4054
#1	-.003185	.0569708	-.000260	.1295747	-.000170	.0006454
#2	.000679	.0238100	.000865	.1177883	.001138	.0005634
#3	-.009057	.0169779	.000170	.0333062	-.000074	-.000257

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.472557	-.010657	.0028234	-.901244	-.005171	.0145233
Stddev	.674384	.007781	.0045448	.029989	.001340	.0022204
%RSD	27.27478	73.01911	160.9683	3.327529	25.90498	15.28838
#1	2.355251	-.005263	.0069394	-.932890	-.005016	.0143742
#2	3.197899	-.007131	.0035849	-.873245	-.003916	.0123813
#3	1.864521	-.019577	-.002054	-.897598	-.006581	.0168145

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB094 Acquired: 12/21/2024 13:33:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0008651	-.004323	-.004216	F -.012204	-.000821	.0003572
Stddev	.0003877	.002377	.001027	.001121	.002241	.0003720
%RSD	44.81031	54.97090	24.35249	9.188187	273.0268	104.1409
#1	.0004676	-.001926	-.005191	-.011459	.000168	.0002842
#2	.0012421	-.006679	-.004311	-.011659	.000755	.0007603
#3	.0008856	-.004366	-.003144	-.013493	-.003386	.0000271

Elem	Li6707
Units	ppm
Avg	.0114712
Stddev	.0037522
%RSD	32.70991
#1	.0150671
#2	.0117665
#3	.0075801

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1841.879	22800.72	2302.347	1579.227	2176.965
Stddev	4.569	77.33	16.559	.772	5.374
%RSD	.2480721	.3391754	.7192171	.0488967	.2468355
#1	1837.832	22793.47	2295.887	1579.838	2172.041
#2	1846.834	22727.26	2321.162	1578.359	2182.697
#3	1840.971	22881.42	2289.992	1579.484	2176.159

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-22DLX2 Acquired: 12/21/2024 13:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2750112	-.056193	.1082587	.3545070	.2423095	142.4900	4.779956
Stddev	.0028214	.008224	.0024420	.0107114	.0057551	5.5546	.178570
%RSD	1.025914	14.63434	2.255699	3.021490	2.375100	3.898242	3.735809
#1	.2772401	-.064339	.1102521	.3664960	.2469955	148.9012	4.986136
#2	.2718390	-.056347	.1055349	.3511454	.2358858	139.1224	4.674738
#3	.2759545	-.047894	.1089891	.3458796	.2440474	139.4464	4.678994

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1142040	.1029434	82.89358	.7313579	1.266419	1.336169	355.4161
Stddev	.0044797	.0015079	3.45933	.0680850	.018327	.061661	13.1622
%RSD	3.922527	1.464816	4.173218	9.309394	1.447166	4.614758	3.703328
#1	.1193357	.1030180	86.88779	.7906218	1.270952	1.407329	370.6116
#2	.1122009	.1013996	80.85589	.7464629	1.246251	1.298524	347.5578
#3	.1110754	.1044126	80.93706	.6569889	1.282055	1.302655	348.0790

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.82585	99.39309	1.348525	.1040933	3.072761	1.995194	1.090649
Stddev	.42573	3.88177	.017628	.0050962	1.170290	.073498	.117553
%RSD	3.932521	3.905470	1.307189	4.895812	38.08593	3.683756	10.77830
#1	11.31739	103.8745	1.351675	.1092823	1.984468	2.079993	1.194994
#2	10.57459	97.0754	1.329534	.1039024	2.923156	1.949831	1.113663
#3	10.58555	97.2294	1.364365	.0990952	4.310660	1.955757	.963290

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.919909	2.433074	.0389956	-.001589	.2070701	5.163017	.0254282
Stddev	.220506	.037256	.0021023	.000599	.0037124	.195031	.0010461
%RSD	11.48526	1.531217	5.391057	37.67225	1.792843	3.777459	4.113830
#1	2.156222	2.444514	.0396907	-.000980	.2064840	5.387722	.0264261
#2	1.883851	2.391440	.0366338	-.001611	.2036856	5.063616	.0243399
#3	1.719654	2.463268	.0406623	-.002176	.2110407	5.037712	.0255186

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5180-22DLX2 Acquired: 12/21/2024 13:41:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZB8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.072333	-.079067	.0612127
Stddev	.181588	.002973	.0041440
%RSD	3.579960	3.760684	6.769802
#1	5.281691	-.082465	.0628037
#2	4.957609	-.077798	.0565090
#3	4.977698	-.076939	.0643254

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1957.689	25051.23	2361.507	1746.015	2102.449
Stddev	16.860	2157.34	79.020	154.395	21.037
%RSD	.8612417	8.611706	3.346158	8.842707	1.000599
#1	1952.981	23196.98	2270.428	1612.348	2100.465
#2	1976.402	24537.71	2411.800	1710.683	2124.408
#3	1943.682	27418.99	2402.293	1915.013	2082.474

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165602BL Acquired: 12/21/2024 13:45:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS602 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022030	-.000721	-.000599	.0023265	-.003346	.0089558
Stddev	.0035394	.002113	.001931	.0037366	.002220	.0111482
%RSD	160.6584	293.2355	322.2982	160.6126	66.33361	124.4793
#1	.0062756	.000463	.000403	-.001221	-.002288	.0055933
#2	.0004630	.000535	.000625	.001974	-.001853	.0213982
#3	-.000130	-.003160	-.002825	.006227	-.005897	-.000124

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000744	.0000124	-.000017	-.000991	-.000178	.0003442
Stddev	.000234	.0000737	.000069	.035021	.000327	.0003354
%RSD	31.49855	592.0928	404.7132	3533.010	183.0024	97.44349
#1	-.000993	-.000059	.000048	.034919	-.000191	.0006338
#2	-.000528	.000008	-.000009	-.002843	.000154	-.000023
#3	-.000710	.000088	-.000090	-.035050	-.000498	.000422

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000653	.0034172	-.000874	.0997750	.0006297	.0005660
Stddev	.007299	.0454682	.000891	.0433281	.0006428	.0011535
%RSD	1117.766	1330.566	102.0355	43.42579	102.0731	203.8091
#1	-.001491	.0118642	.000145	.1424607	.0013682	.0016103
#2	.007029	-.045682	-.001509	.1010324	.0001954	.0007596
#3	-.007497	.044070	-.001257	.0558319	.0003257	-.000672

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.469774	-.000345	-.001430	-.825803	-.006180	-.002257
Stddev	1.141488	.007180	.003327	.074996	.001069	.001552
%RSD	77.66420	2080.501	232.6491	9.081564	17.29720	68.76566
#1	2.342422	.007931	.001898	-.887663	-.007040	-.003333
#2	1.888938	-.004908	-.004755	-.742391	-.004983	-.000478
#3	.177962	-.004058	-.001433	-.847356	-.006518	-.002959

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165602BL Acquired: 12/21/2024 13:45:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS602 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000541	-.007014	-.003570	F -.013174	.0005857	-.000143
Stddev	.0002269	.003438	.000516	.000743	.0016632	.000035
%RSD	419.5097	49.00608	14.45753	5.637932	283.9608	24.19877
#1	.0001011	-.003045	-.003680	-.012597	-.001330	-.000120
#2	-.000193	-.008986	-.003008	-.012913	.001660	-.000183
#3	.000254	-.009012	-.004023	-.014012	.001428	-.000126

Elem	Li6707
Units	ppm
Avg	-.001287
Stddev	.000261
%RSD	20.31897
#1	-.001139
#2	-.001589
#3	-.001132

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1961.323	23393.37	2380.016	1627.524	2306.483
Stddev	19.800	623.99	23.908	43.321	22.546
%RSD	1.009517	2.667392	1.004518	2.661772	.9775142
#1	1949.770	23675.42	2385.592	1647.224	2289.852
#2	1950.013	22678.15	2353.813	1577.854	2297.451
#3	1984.185	23826.54	2400.643	1657.493	2332.144

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165602BS Acquired: 12/21/2024 13:49:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS602 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0232740	.0528805	.0162486	.0548694	.0982016	.3970718
Stddev	.0024829	.0005612	.0011827	.0019494	.0011654	.0184385
%RSD	10.66829	1.061184	7.278950	3.552814	1.186735	4.643616
#1	.0218403	.0528347	.0172654	.0529459	.0983991	.4016162
#2	.0218407	.0534631	.0165299	.0548184	.0992556	.3767860
#3	.0261411	.0523436	.0149506	.0568438	.0969501	.4128132

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4072907	.0103212	.0096455	9.935862	.0200102	.0951339
Stddev	.0007740	.0001417	.0000934	.035047	.0009647	.0003910
%RSD	.1900255	1.372735	.9685848	.3527318	4.821160	.4110317
#1	.4080650	.0104780	.0096636	9.900473	.0198580	.0955754
#2	.4065171	.0102832	.0097286	9.936556	.0191306	.0949948
#3	.4072901	.0102023	.0095444	9.970557	.0210419	.0948313

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0463109	.2116576	.0311977	10.19347	.0755630	.0184515
Stddev	.0049539	.0414548	.0003860	.04409	.0003285	.0005851
%RSD	10.69703	19.58579	1.237378	.4325265	.4347577	3.171175
#1	.0443584	.2554398	.0308273	10.17784	.0751837	.0182127
#2	.0426308	.1730082	.0311682	10.15933	.0757442	.0180235
#3	.0519435	.2065249	.0315977	10.24325	.0757609	.0191182

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.04866	.1006416	.1065387	8.690368	F .0130913	F .0002201
Stddev	.82286	.0100908	.0038957	.141839	.0022162	.0023288
%RSD	6.829464	10.02649	3.656588	1.632145	16.92901	1058.263
#1	11.94526	.1110074	.1110246	8.766809	.0152812	-.001577
#2	12.91834	.1000672	.1045862	8.526705	.0108497	.002851
#3	11.28239	.0908503	.1040054	8.777591	.0131429	-.000613

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165602BS Acquired: 12/21/2024 13:49:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS602 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183708	.1659273	F .4718780	F -.000690	.1990133	.2069943
Stddev	.0003240	.0026111	.0045756	.000310	.0035426	.0004120
%RSD	1.763730	1.573611	.9696633	45.01421	1.780058	.1990262
#1	.0179969	.1630554	.4739787	-.000798	.1990365	.2066179
#2	.0185705	.1681582	.4666293	-.000931	.1954592	.2069306
#3	.0185449	.1665681	.4750261	-.000339	.2025441	.2074344

Elem	Li6707
Units	ppm
Avg	.0315651
Stddev	.0015952
%RSD	5.053694
#1	.0331087
#2	.0316638
#3	.0299229

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1919.587	23677.81	2409.521	1642.473	2253.419
Stddev	5.461	135.92	11.537	10.257	3.014
%RSD	.2844626	.5740513	.4788177	.6245123	.1337647
#1	1920.637	23721.71	2396.480	1644.670	2253.309
#2	1913.678	23525.37	2418.399	1631.295	2250.461
#3	1924.447	23786.36	2413.683	1651.454	2256.487

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165602BSD Acquired: 12/21/2024 13:53:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD602 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113837	.0258994	.0068826	.0277667	.0459963	.2090229	.1995034
Stddev	.0048647	.0035814	.0014341	.0010064	.0007348	.0201606	.0064415
%RSD	42.73381	13.82807	20.83620	3.624315	1.597426	9.645171	3.228780
#1	.0140549	.0299466	.0072861	.0270251	.0461628	.1968650	.1966818
#2	.0143276	.0231401	.0052899	.0273626	.0466334	.2322945	.2068743
#3	.0057687	.0246115	.0080716	.0289122	.0451925	.1979091	.1949543

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050840	.0046448	4.909469	.0089430	.0460573	.0186332	.0894312
Stddev	.0001486	.0000870	.158559	.0004937	.0002624	.0068308	.0340839
%RSD	2.922882	1.873974	3.229667	5.520658	.5696139	36.65930	38.11189
#1	.0049548	.0045652	4.829303	.0091409	.0457739	.0112677	.1262136
#2	.0052464	.0047377	5.092104	.0083810	.0461063	.0247597	.0831646
#3	.0050506	.0046316	4.807000	.0093070	.0462917	.0198723	.0589154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0161796	5.102277	.0369788	.0104179	7.185144	.0537265	.0571111
Stddev	.0009060	.106039	.0005795	.0002877	.497813	.0024135	.0020792
%RSD	5.599718	2.078266	1.567127	2.761085	6.928369	4.492256	3.640583
#1	.0163932	5.064048	.0376307	.0100865	6.919312	.0509877	.0550368
#2	.0151859	5.222130	.0367835	.0105635	7.759442	.0546492	.0571013
#3	.0169598	5.020654	.0365222	.0106035	6.876679	.0555426	.0591952

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.964788	.0042374	-.000853	.0092180	.0766476	.2285763	-.007425
Stddev	.220622	.0005218	.002619	.0003426	.0053458	.0066976	.001599
%RSD	5.564536	12.31463	307.0866	3.716603	6.974567	2.930127	21.54018
#1	3.884632	.0045547	.001265	.0088867	.0805159	.2266947	-.009237
#2	4.214283	.0036351	-.000043	.0095709	.0788795	.2360135	-.006830
#3	3.795450	.0045223	-.003781	.0091966	.0705475	.2230208	-.006209

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165602BSD Acquired: 12/21/2024 13:53:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD602 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0983294	.1018212	.0154987
Stddev	.0033372	.0036818	.0022602
%RSD	3.393867	3.615931	14.58295
#1	.0963864	.1000510	.0155035
#2	.1021828	.1060537	.0177565
#3	.0964189	.0993589	.0132362

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1904.307	23329.87	2336.826	1619.309	2254.100
Stddev	4.621	74.44	73.273	2.846	5.598
%RSD	.2426353	.3190608	3.135558	.1757550	.2483291
#1	1908.689	23397.25	2373.064	1619.311	2259.068
#2	1899.480	23342.39	2252.496	1622.154	2248.035
#3	1904.753	23249.97	2384.919	1616.462	2255.197

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165577BL Acquired: 12/21/2024 14:02:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS577 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000086	.0004176	.0045120	.0014731	-.001988	.0177439
Stddev	.004003	.0026092	.0033532	.0014727	.000539	.0130121
%RSD	4657.461	624.8481	74.31841	99.97664	27.11896	73.33295
#1	.000381	.0030252	.0007571	.0018624	-.001376	.0075751
#2	.003663	-.002193	.0072079	-.000155	-.002393	.0324076
#3	-.004302	.000421	.0055710	.002712	-.002196	.0132490

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001968	.0001351	.0002516	-.004332	-.000051	.0003815
Stddev	.0016872	.0001050	.0000525	.040806	.000332	.0004959
%RSD	857.4588	77.68025	20.85944	941.9305	650.3380	129.9919
#1	.0018298	.0000453	.0002272	.035815	-.000410	-.000016
#2	.0003002	.0002505	.0002157	-.003045	.000245	.000224
#3	-.001540	.0001095	.0003118	-.045767	.000012	.000937

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002723	.0046781	.0014805	.0550607	.0007340	.0013471
Stddev	.014114	.0412657	.0020165	.0275429	.0001512	.0001761
%RSD	518.2611	882.0963	136.2057	50.02288	20.60109	13.07406
#1	-.018230	.0517031	.0035097	.0401711	.0009050	.0012817
#2	.009371	-.025494	.0014547	.0868435	.0006178	.0015466
#3	.000689	-.012175	-.000523	.0381674	.0006794	.0012131

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.526574	-.006718	.0029523	-.718210	-.005798	.0144260
Stddev	.638159	.005853	.0009315	.098232	.001445	.0036504
%RSD	25.25788	87.12015	31.55153	13.67732	24.91793	25.30449
#1	3.263454	-.013233	.0039900	-.821302	-.004270	.0134768
#2	2.156570	-.005019	.0026781	-.707632	-.007142	.0184574
#3	2.159698	-.001903	.0021886	-.625694	-.005982	.0113440

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165577BL Acquired: 12/21/2024 14:02:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS577 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003448	.0382431	-.003892	F -.010387	.0001445	.0000576
Stddev	.0000270	.0012821	.000240	.000739	.0039390	.0000769
%RSD	7.839746	3.352565	6.165956	7.111543	2724.987	133.4881
#1	.0003538	.0368534	-.003676	-.009569	-.003549	-.000022
#2	.0003144	.0393800	-.004150	-.011005	.004290	.000063
#3	.0003661	.0384959	-.003850	-.010588	-.000307	.000132

Elem	Li6707
Units	ppm
Avg	F .0174725
Stddev	.0011740
%RSD	6.718864
#1	.0186126
#2	.0175374
#3	.0162674

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1886.170	23223.97	2362.948	1608.248	2220.303
Stddev	19.038	168.23	22.351	10.484	24.818
%RSD	1.009355	.7243927	.9458798	.6518948	1.117792
#1	1895.664	23042.64	2374.563	1596.273	2232.723
#2	1864.251	23374.98	2337.182	1615.770	2191.726
#3	1898.594	23254.30	2377.101	1612.702	2236.459

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165577BSD Acquired: 12/21/2024 14:10:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD577 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103353	.0257112	.0092337	.0304224	.0471965	.1928837	.2015304
Stddev	.0007662	.0025668	.0017975	.0014149	.0024388	.0150151	.0020927
%RSD	7.413455	9.983117	19.46684	4.650785	5.167272	7.784508	1.038381
#1	.0106611	.0243489	.0071874	.0318093	.0477314	.1877330	.2039292
#2	.0094600	.0241128	.0099557	.0289811	.0493235	.2097962	.2005824
#3	.0108847	.0286719	.0105579	.0304768	.0445347	.1811219	.2000795

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051072	.0047418	4.885944	.0092873	.0471634	.0240150	.0888882
Stddev	.0001357	.0000647	.058790	.0009077	.0002676	.0040776	.0042572
%RSD	2.657799	1.363648	1.203247	9.773821	.5673023	16.97951	4.789345
#1	.0052635	.0046686	4.935066	.0096358	.0472534	.0250852	.0845891
#2	.0050187	.0047911	4.901960	.0082569	.0468624	.0274508	.0931021
#3	.0050395	.0047656	4.820805	.0099690	.0473743	.0195090	.0889734

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0154765	5.187381	.0372417	.0093836	7.014685	.0490340	.0544376
Stddev	.0010543	.067897	.0007296	.0008196	.093195	.0058324	.0026851
%RSD	6.812598	1.308886	1.958979	8.733843	1.328570	11.89459	4.932356
#1	.0143087	5.204398	.0367966	.0101314	7.105579	.0536516	.0535494
#2	.0157624	5.112594	.0380836	.0085074	7.019129	.0424796	.0574542
#3	.0163585	5.245151	.0368448	.0095120	6.919348	.0509708	.0523091

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.889959	.0033996	.0011143	.0092510	.0769761	.2262011	-.007624
Stddev	.104488	.0041189	.0015361	.0002799	.0022611	.0029955	.000874
%RSD	2.686086	121.1576	137.8439	3.025049	2.937417	1.324259	11.46001
#1	3.770550	.0080607	.0010180	.0093562	.0763621	.2285373	-.007389
#2	3.964622	.0002500	.0026963	.0089339	.0750855	.2272419	-.006892
#3	3.934706	.0018882	-.000371	.0094631	.0794809	.2228240	-.008591

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: PB165577BSD Acquired: 12/21/2024 14:10:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD577 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1014524	.1023534	.0227728
Stddev	.0024885	.0006152	.0038408
%RSD	2.452873	.6010155	16.86594
#1	.0996886	.1028616	.0190830
#2	.1042988	.1025290	.0224867
#3	.1003697	.1016695	.0267487

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1895.183	23385.54	2374.705	1624.524	2243.130
Stddev	3.866	100.23	20.340	2.490	3.868
%RSD	.2039954	.4286129	.8565339	.1532558	.1724303
#1	1890.725	23430.04	2356.764	1626.048	2238.707
#2	1897.214	23455.82	2370.549	1625.874	2244.807
#3	1897.610	23270.76	2396.803	1621.651	2245.876

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5178-14DLX2 Acquired: 12/21/2024 14:14:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1578564	-.080368	.1469808	.0978465	.0358286	85.85889	.8757621
Stddev	.0019040	.000741	.0012669	.0020620	.0030261	.26970	.0040445
%RSD	1.206132	.9225323	.8619192	2.107346	8.445922	.3141241	.4618266
#1	.1597255	-.081159	.1457906	.0954864	.0360213	85.55711	.8717850
#2	.1559194	-.079689	.1483124	.0987539	.0327109	85.94316	.8756307
#3	.1579243	-.080257	.1468393	.0992990	.0387538	86.07639	.8798708

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071578	.0023662	32.39960	.0784906	.1050746	.1687052	188.1438
Stddev	.0001725	.0000789	.13868	.0014470	.0007487	.0047123	.4889
%RSD	2.410092	3.332673	.4280328	1.843549	.7125472	2.793233	.2598503
#1	.0069977	.0023757	32.28984	.0781993	.1047162	.1722953	187.5807
#2	.0073405	.0024400	32.35349	.0772114	.1059352	.1704514	188.3897
#3	.0071352	.0022831	32.55546	.0800611	.1045725	.1633690	188.4609

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.660120	36.40438	.1001597	.0173961	1.656048	.3021253	.4451595
Stddev	.018084	.16296	.0004595	.0005957	.655502	.0096933	.0119175
%RSD	.3880684	.4476428	.4587780	3.424318	39.58231	3.208379	2.677128
#1	4.639547	36.22970	.1006392	.0180429	1.998933	.3097461	.4539385
#2	4.667306	36.55232	.1001168	.0172753	2.068991	.2912154	.4499473
#3	4.673507	36.43111	.0997232	.0168700	.900221	.3054144	.4315926

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.49545	3.518014	.0174221	-.000464	.6721646	5.103163	.0042271
Stddev	.12838	.002773	.0012526	.000193	.0054500	.029895	.0014440
%RSD	.8856878	.0788251	7.189695	41.58031	.8108117	.5858040	34.16098
#1	14.60789	3.517113	.0176592	-.000343	.6777708	5.092129	.0042852
#2	14.52291	3.521125	.0160679	-.000686	.6718375	5.137006	.0027549
#3	14.35557	3.515803	.0185392	-.000362	.6668856	5.080354	.0056412

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5178-14DLX2 Acquired: 12/21/2024 14:14:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ82 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.038589	-.018513	.0503091
Stddev	.008906	.000357	.0034632
%RSD	.4368769	1.925955	6.883795
#1	2.028550	-.018187	.0480750
#2	2.045541	-.018460	.0542985
#3	2.041676	-.018894	.0485538

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2130.792	26231.82	2674.022	1829.517	2238.093
Stddev	2.640	122.14	16.933	14.752	3.399
%RSD	.1239132	.4656234	.6332539	.8063079	.1518727
#1	2133.468	26310.99	2690.018	1844.853	2241.661
#2	2130.719	26293.32	2656.286	1828.269	2237.725
#3	2128.189	26091.16	2675.764	1815.429	2234.893

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-03DLX2 Acquired: 12/21/2024 14:19:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0362583	-.003199	.0569207	.0134204	-.000395	30.31600	.3652591
Stddev	.0042490	.001228	.0003982	.0064452	.001077	.09781	.0023111
%RSD	11.71882	38.37712	.6994844	48.02530	272.5862	.3226245	.6327265
#1	.0318386	-.002345	.0566379	.0123968	-.001226	30.29539	.3661064
#2	.0366232	-.002647	.0573760	.0203161	.000821	30.42247	.3670270
#3	.0403131	-.004606	.0567482	.0075483	-.000780	30.23014	.3626439

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0035838	.0018428	412.8365	.0603304	.0714514	.0606562	81.91361
Stddev	.0001896	.0000532	.7462	.0012922	.0004264	.0028961	.43729
%RSD	5.290219	2.886909	.1807518	2.141840	.5967151	4.774625	.5338473
#1	.0034073	.0018959	412.7609	.0597012	.0717946	.0636287	81.71012
#2	.0037842	.0017895	413.6177	.0594733	.0709741	.0604969	82.41557
#3	.0035600	.0018430	412.1310	.0618166	.0715855	.0578430	81.61514

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.551963	145.4566	.1098683	.0088066	2.166478	.0848520	.1923738
Stddev	.005569	.3697	.0005759	.0008124	.596600	.0054342	.0052687
%RSD	.3588160	.2541986	.5241647	9.224847	27.53780	6.404329	2.738773
#1	1.558387	145.2350	.1092856	.0079187	2.855356	.0892651	.1943004
#2	1.548984	145.8834	.1104372	.0089883	1.826162	.0787823	.1864130
#3	1.548518	145.2513	.1098821	.0095127	1.817916	.0865087	.1964080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.728115	1.589910	.0360920	.0136606	12.47195	5.753956	.0000686
Stddev	.143679	.005349	.0029840	.0009815	.02624	.045513	.0015068
%RSD	5.266607	.3364449	8.267734	7.185139	.2103932	.7909941	2197.262
#1	2.673116	1.584331	.0372384	.0134780	12.44427	5.750962	-.001479
#2	2.620060	1.594994	.0383328	.0147206	12.47514	5.800893	.000153
#3	2.891169	1.590405	.0327048	.0127832	12.49645	5.710014	.001531

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-03DLX2 Acquired: 12/21/2024 14:19:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4719897	.9653707	.0854707
Stddev	.0059379	.0048468	.0052791
%RSD	1.258055	.5020611	6.176494
#1	.4760685	.9629652	.0813614
#2	.4747233	.9709497	.0914246
#3	.4651773	.9621972	.0836260

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1912.501	23564.23	2478.910	1624.793	2022.640
Stddev	3.301	77.40	15.910	14.109	5.095
%RSD	.1726088	.3284644	.6418163	.8683451	.2519107
#1	1916.151	23593.23	2483.979	1626.321	2028.494
#2	1911.625	23622.94	2461.083	1638.075	2020.214
#3	1909.725	23476.51	2491.668	1609.982	2019.210

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-06DLX2 Acquired: 12/21/2024 14:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0277481	.0037412	.0671695	.0009300	-.006586	30.84197	.3416627
Stddev	.0051047	.0045277	.0021966	.0038641	.002820	.79853	.0093826
%RSD	18.39665	121.0199	3.270251	415.5154	42.81455	2.589106	2.746165
#1	.0229867	.0065385	.0661215	.0014006	-.003746	29.93708	.3311257
#2	.0271197	-.001482	.0696939	.0045372	-.009385	31.44781	.3491134
#3	.0331379	.006168	.0656932	-.003148	-.006626	31.14103	.3447491

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0043311	.0015974	534.5305	.0605874	.0630161	.0732872	70.22754
Stddev	.0000696	.0000476	13.4082	.0003527	.0005017	.0070942	1.98067
%RSD	1.607514	2.980310	2.508416	.5821871	.7961794	9.679972	2.820363
#1	.0043010	.0015432	519.1584	.0609542	.0634674	.0651369	67.96254
#2	.0044107	.0016165	543.8145	.0602507	.0624759	.0766507	71.63466
#3	.0042817	.0016326	540.6188	.0605574	.0631051	.0780741	71.08541

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.243328	133.9787	.0836350	.0075168	3.662853	.0653918	.2062717
Stddev	.059524	3.8109	.0006118	.0008180	1.440577	.0004750	.0059662
%RSD	2.653383	2.844435	.7315257	10.88253	39.32938	.7264730	2.892397
#1	2.174685	129.5784	.0835662	.0082926	2.118729	.0655371	.2113449
#2	2.280679	136.2191	.0830605	.0066622	4.970661	.0657773	.1996987
#3	2.274621	136.1385	.0842783	.0075954	3.899167	.0648611	.2077713

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.701431	1.629635	.0527687	.0116736	6.885350	22.96038	.0186880
Stddev	.219442	.011466	.0014905	.0001450	.005112	.53343	.0009955
%RSD	8.123176	.7035990	2.824640	1.241917	.0742412	2.323278	5.326816
#1	2.448042	1.626250	.0515463	.0115505	6.883098	22.37692	.0197374
#2	2.827518	1.620242	.0523306	.0118334	6.881750	23.42309	.0177571
#3	2.828733	1.642412	.0544291	.0116368	6.891201	23.08112	.0185696

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-06DLX2 Acquired: 12/21/2024 14:22:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6628411	2.427983	.0513046
Stddev	.0197547	.064491	.0025041
%RSD	2.980310	2.656149	4.880884
#1	.6402642	2.354051	.0488355
#2	.6769515	2.472671	.0538424
#3	.6713075	2.457226	.0512358

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1901.290	23559.61	2491.632	1631.235	1976.520
Stddev	3.268	16.11	51.171	4.185	4.573
%RSD	.1718933	.0683602	2.053703	.2565449	.2313691
#1	1905.063	23541.73	2546.701	1628.339	1981.588
#2	1899.330	23564.15	2445.550	1629.334	1972.703
#3	1899.477	23572.97	2482.646	1636.033	1975.268

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-09DLX2 Acquired: 12/21/2024 14:26:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.004876	.0336003	.0196283	-.035095	-.025097	3.706441
Stddev	.005748	.0061055	.0007979	.002807	.000625	.059453
%RSD	117.8846	18.17098	4.065267	7.997094	2.490375	1.604059
#1	-.011426	.0352972	.0195787	-.038059	-.025255	3.650006
#2	-.002527	.0386778	.0204499	-.032479	-.024408	3.768512
#3	-.000674	.0268258	.0188563	-.034746	-.025628	3.700804

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1153831	.0007198	.0005076	F 1078.665	.0214943	.0465958
Stddev	.0010421	.0000982	.0000862	10.621	.0005838	.0004301
%RSD	.9032064	13.63948	16.98108	.9846302	2.715980	.9230919
#1	.1146814	.0006930	.0006028	1074.894	.0208834	.0470922
#2	.1165806	.0008286	.0004349	1090.656	.0215530	.0463335
#3	.1148872	.0006378	.0004850	1070.443	.0220465	.0463618

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067638	11.85779	.4616882	621.7777	.0282384	.0011143
Stddev	.0026466	.13075	.0076585	6.3096	.0002703	.0002730
%RSD	39.12915	1.102644	1.658805	1.014762	.9573283	24.50327
#1	.0037703	11.80004	.4530278	617.7700	.0279437	.0013998
#2	.0087933	12.00747	.4675678	629.0507	.0284748	.0010872
#3	.0077278	11.76585	.4644690	618.5123	.0282967	.0008558

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.467889	.0237539	.0569051	-1.54032	.3120991	.0291666
Stddev	.233248	.0056040	.0124501	.09085	.0005913	.0024643
%RSD	9.451314	23.59199	21.87876	5.898136	.1894514	8.448911
#1	2.344310	.0251369	.0501134	-1.49357	.3115165	.0288607
#2	2.736924	.0285368	.0712741	-1.48237	.3126986	.0268696
#3	2.322433	.0175878	.0493278	-1.64503	.3120823	.0317696

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-09DLX2 Acquired: 12/21/2024 14:26:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031238	5.403026	1.867971	-.003157	.0650273	1.093752
Stddev	.0005878	.017033	.013972	.001213	.0036645	.010547
%RSD	18.81685	.3152547	.7479564	38.42464	5.635396	.9642950
#1	.0024771	5.421381	1.868561	-.002105	.0608512	1.086322
#2	.0036255	5.387728	1.881639	-.004484	.0665246	1.105824
#3	.0032689	5.399969	1.853714	-.002882	.0677061	1.089110

Elem	Li6707
Units	ppm
Avg	.0293388
Stddev	.0022460
%RSD	7.655203
#1	.0318584
#2	.0286111
#3	.0275470

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1727.064	21587.24	2302.033	1471.738	1793.880
Stddev	3.093	138.82	29.975	4.441	1.587
%RSD	.1791034	.6430550	1.302107	.3017235	.0884855
#1	1724.730	21737.07	2308.141	1471.939	1792.706
#2	1725.890	21463.00	2269.474	1467.200	1793.248
#3	1730.573	21561.66	2328.483	1476.074	1795.686

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-11DLX2 Acquired: 12/21/2024 14:30:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477947	-.340042	.7919957	.3750694	.1713114	55.82618	.8474421
Stddev	.0064014	.005298	.0040634	.0073290	.0043413	.76979	.0133082
%RSD	4.331249	1.558126	.5130648	1.954035	2.534183	1.378900	1.570391
#1	.1430194	-.334157	.7873050	.3684433	.1669204	54.93745	.8320963
#2	.1452962	-.341534	.7944397	.3829415	.1756013	56.28413	.8544174
#3	.1550685	-.344434	.7942423	.3738235	.1714125	56.25697	.8558127

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0188775	.0081817	148.0529	1.029949	.1272953	1.452685	754.8068
Stddev	.0003404	.0001162	2.0138	.000525	.0003975	.023676	10.8120
%RSD	1.803264	1.420220	1.360191	.0509877	.3122675	1.629778	1.432415
#1	.0185353	.0082850	145.7298	1.030530	.1268428	1.433237	742.3249
#2	.0188813	.0082042	149.1262	1.029509	.1274549	1.479049	761.2726
#3	.0192160	.0080559	149.3027	1.029807	.1275882	1.445771	760.8229

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.777769	34.80770	.8094096	.0805895	3.694827	.1632405	.7086365
Stddev	.065155	.64053	.0029855	.0032397	.647998	.0101681	.0237738
%RSD	1.363706	1.840182	.3688424	4.019969	17.53799	6.228925	3.354873
#1	4.702591	34.06853	.8115471	.0772329	3.111518	.1593544	.7328905
#2	4.817877	35.19949	.8059985	.0836980	4.392332	.1555885	.6853738
#3	4.812838	35.15508	.8106830	.0808376	3.580629	.1747786	.7076451

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.953300	1.665278	.0934364	.0818284	3.292601	10.52501	.1889193
Stddev	.076984	.006449	.0013383	.0002752	.006956	.12655	.0013717
%RSD	1.554190	.3872784	1.432330	.3363031	.2112690	1.202398	.7260650
#1	4.931844	1.664958	.0945308	.0815420	3.290095	10.37907	.1873355
#2	4.889320	1.658994	.0919443	.0820908	3.287244	10.60438	.1896949
#3	5.038735	1.671881	.0938339	.0818525	3.300462	10.59158	.1897274

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-11DLX2 Acquired: 12/21/2024 14:30:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28P9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.081426	-.362659	.0316743
Stddev	.044685	.005646	.0029402
%RSD	1.450140	1.556916	9.282522
#1	3.030053	-.356155	.0289107
#2	3.111279	-.365512	.0347639
#3	3.102945	-.366309	.0313484

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1938.122	24030.68	2523.902	1661.612	2159.949
Stddev	4.826	11.69	32.473	6.910	3.608
%RSD	.2489951	.0486403	1.286612	.4158701	.1670308
#1	1943.554	24044.18	2561.217	1653.758	2163.891
#2	1934.330	24023.71	2502.055	1664.320	2159.142
#3	1936.483	24024.17	2508.433	1666.758	2156.812

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-13DLX2 Acquired: 12/21/2024 14:34:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2048116	-.209980	2.442048	.2454765	.1111599	34.59940	.9604318
Stddev	.0072266	.000507	.002205	.0036525	.0013354	.30448	.0056344
%RSD	3.528393	.2414528	.0903010	1.487937	1.201365	.8800016	.5866555
#1	.1983662	-.209829	2.443920	.2429796	.1121460	34.31159	.9546815
#2	.2126241	-.209565	2.439617	.2496686	.1116935	34.56844	.9606712
#3	.2034447	-.210545	2.442608	.2437812	.1096401	34.91818	.9659427

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141998	.0117667	173.7580	1.880036	.1132175	4.529896	502.2441
Stddev	.0001260	.0001565	1.0980	.011606	.0002534	.050852	2.5803
%RSD	.8876393	1.330304	.6319355	.6173302	.2238229	1.122596	.5137493
#1	.0143453	.0119332	172.6491	1.867685	.1131337	4.476688	500.3910
#2	.0141306	.0117444	173.7801	1.881706	.1130166	4.534988	501.1501
#3	.0141235	.0116226	174.8448	1.890716	.1135022	4.578010	505.1911

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.084956	39.25594	.9603960	.0542445	3.144343	.1681202	2.551265
Stddev	.026405	.12277	.0011362	.0014752	.551447	.0109212	.035718
%RSD	.4339355	.3127316	.1183086	2.719503	17.53773	6.496063	1.400018
#1	6.061367	39.16104	.9597240	.0545362	2.655718	.1702382	2.510440
#2	6.080022	39.21220	.9597561	.0526452	3.742248	.1778273	2.566597
#3	6.113480	39.39459	.9617079	.0555520	3.035064	.1562952	2.576757

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.830941	1.888502	.0972521	.2274684	3.888059	14.39688	1.333147
Stddev	.066959	.002245	.0077112	.0003753	.002077	.07623	.000954
%RSD	1.386044	.1188799	7.929111	.1649790	.0534105	.5294720	.0715892
#1	4.760335	1.886286	.0908003	.2272257	3.889701	14.47966	1.332046
#2	4.838957	1.888447	.0951634	.2279007	3.888752	14.32959	1.333745
#3	4.893531	1.890775	.1057924	.2272789	3.885725	14.38140	1.333650

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-13DLX2 Acquired: 12/21/2024 14:34:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.135329	-.074316	.0307045
Stddev	.002724	.000223	.0013567
%RSD	.2398989	.3004137	4.418436
#1	1.132332	-.074442	.0314374
#2	1.137654	-.074448	.0291391
#3	1.136002	-.074058	.0315372

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1967.288	24662.72	2536.017	1689.388	2157.371
Stddev	2.614	209.76	7.411	15.732	4.649
%RSD	.1328523	.8505271	.2922154	.9312482	.2154935
#1	1966.960	24902.00	2527.597	1707.550	2153.638
#2	1970.051	24575.64	2541.546	1679.967	2162.579
#3	1964.855	24510.53	2538.909	1680.647	2155.896

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-14DLX2 Acquired: 12/21/2024 14:38:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0734642	-.101144	.7088313	.1097685	.0527895	38.47353	.6358777
Stddev	.0030488	.000866	.0023544	.0042076	.0014759	.09120	.0010993
%RSD	4.149991	.8562475	.3321461	3.833175	2.795821	.2370406	.1728736
#1	.0728345	-.101543	.7062832	.1095857	.0543649	38.36866	.6358488
#2	.0767786	-.100151	.7092845	.1140646	.0525645	38.51765	.6369911
#3	.0707794	-.101739	.7109260	.1056553	.0514390	38.53427	.6347932

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089505	.0056296	170.8635	1.208942	.0775259	.8767737	259.4321
Stddev	.0001915	.0000507	.9242	.006647	.0006098	.0028896	.9936
%RSD	2.139327	.9006294	.5409216	.5498180	.7865751	.3295682	.3830027
#1	.0091260	.0055791	169.7980	1.214277	.0774251	.8735477	258.3053
#2	.0089791	.0056293	171.4489	1.211053	.0769727	.8776489	260.1827
#3	.0087463	.0056805	171.3436	1.201496	.0781798	.8791245	259.8082

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.819110	49.69060	.5470817	.0276193	2.612832	.1226600	1.874428
Stddev	.021919	.46625	.0022476	.0003992	.432834	.0037993	.017957
%RSD	.5739252	.9383085	.4108385	1.445473	16.56571	3.097439	.9579840
#1	3.795595	49.16528	.5444922	.0272515	3.112501	.1190734	1.867098
#2	3.838975	49.85119	.5485264	.0280439	2.353308	.1266412	1.894890
#3	3.822760	50.05534	.5482265	.0275626	2.372687	.1222653	1.861295

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.120142	1.607130	.0662797	.1059399	3.963962	9.494340	.1785018
Stddev	.138970	.006425	.0044992	.0009682	.017053	.033607	.0013644
%RSD	4.453972	.3997614	6.788170	.9139150	.4302075	.3539659	.7643623
#1	2.992982	1.600045	.0630559	.1048541	3.945276	9.515523	.1775280
#2	3.098955	1.608768	.0714198	.1062522	3.967924	9.455590	.1779162
#3	3.268489	1.612577	.0643635	.1067134	3.978685	9.511906	.1800613

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-14DLX2 Acquired: 12/21/2024 14:38:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9879112	.1926769	.0411842
Stddev	.0061027	.0014490	.0009900
%RSD	.6177407	.7520167	2.403729
#1	.9808696	.1910662	.0411892
#2	.9916665	.1938743	.0421716
#3	.9911976	.1930902	.0401917

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1968.799	24506.59	2518.373	1687.608	2132.467
Stddev	2.067	140.59	4.611	9.054	3.178
%RSD	.1049680	.5736810	.1830753	.5365181	.1490405
#1	1970.922	24526.28	2523.696	1688.248	2135.904
#2	1968.680	24357.20	2515.797	1678.250	2131.864
#3	1966.794	24636.30	2515.626	1696.325	2129.634

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-15DLX2 Acquired: 12/21/2024 14:42:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1349695	-.307142	4.199529	.3897335	.1674198	21.52751
Stddev	.0029501	.002331	.015968	.0061490	.0025899	.17465
%RSD	2.185765	.7588236	.3802333	1.577744	1.546966	.8112677
#1	.1318352	-.304813	4.198282	.3842296	.1683937	21.40673
#2	.1353811	-.309474	4.184221	.3963701	.1693816	21.72776
#3	.1376923	-.307139	4.216084	.3886007	.1644841	21.44805

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6850768	.0171545	.0242693	242.8747	1.198520	.0726067
Stddev	.0045614	.0003008	.0001187	1.3865	.010024	.0006258
%RSD	.6658267	1.753397	.4888706	.5708568	.8363979	.8618564
#1	.6818780	.0171487	.0241711	242.0581	1.200349	.0729274
#2	.6903000	.0174582	.0242357	244.4755	1.207504	.0718856
#3	.6830523	.0168568	.0244012	242.0904	1.187707	.0730071

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1837060	766.5288	F 32.62739	39.17625	.6776821	.0970964
Stddev	.0061484	4.7247	.20207	.42478	.0042358	.0013833
%RSD	3.346856	.6163779	.6193249	1.084289	.6250429	1.424631
#1	.1836841	763.1730	32.49827	38.95697	.6792043	.0957521
#2	.1775686	771.9319	32.86026	39.66587	.6728956	.0985156
#3	.1898653	764.4815	32.52364	38.90593	.6809465	.0970216

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.954304	.1571626	10.43162	1.682226	2.431989	.1581719
Stddev	1.027168	.0027153	.05184	.187187	.010747	.0113117
%RSD	25.97595	1.727691	.4969584	11.12736	.4418995	7.151509
#1	3.991162	.1541335	10.37191	1.477574	2.430969	.1468335
#2	4.962547	.1579764	10.45773	1.724327	2.421788	.1582256
#3	2.909203	.1593779	10.46521	1.844778	2.443209	.1694567

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-15DLX2 Acquired: 12/21/2024 14:42:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0406303	2.987281	5.804192	.0851312	1.379550	-.433555
Stddev	.0006310	.025464	.068190	.0011135	.005971	.002584
%RSD	1.552934	.8523980	1.174839	1.307996	.4328504	.5960541
#1	.0413292	2.987502	5.830133	.0839912	1.372679	-.432306
#2	.0404589	2.961708	5.855605	.0851862	1.383482	-.436526
#3	.0401027	3.012634	5.726839	.0862162	1.382489	-.431833

Elem	Li6707
Units	ppm
Avg	.0237746
Stddev	.0027060
%RSD	11.38184
#1	.0232381
#2	.0213771
#3	.0267086

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1860.210	23027.80	2397.580	1590.607	2129.512
Stddev	3.817	194.04	30.946	14.915	2.742
%RSD	.2051857	.8426219	1.290711	.9376770	.1287482
#1	1855.824	22971.48	2385.772	1582.361	2128.033
#2	1862.028	22868.16	2374.277	1581.636	2132.676
#3	1862.779	23243.77	2432.692	1607.824	2127.828

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-16DLX2 Acquired: 12/21/2024 14:45:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1485516	-.298165	4.720552	.3704302	.1749053	24.78867	.7076540
Stddev	.0075562	.002863	.009307	.0045288	.0015682	.04521	.0011733
%RSD	5.086602	.9600744	.1971593	1.222569	.8965900	.1823955	.1657962
#1	.1465162	-.298188	4.710763	.3657061	.1732996	24.74492	.7077524
#2	.1422215	-.295291	4.721605	.3747344	.1749831	24.83522	.7087750
#3	.1569170	-.301016	4.729287	.3708502	.1764331	24.78588	.7064347

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0175887	.0258607	249.1657	3.490783	.0906347	.2947068	737.2228
Stddev	.0002870	.0000377	.3215	.013787	.0002489	.0096380	.5534
%RSD	1.631626	.1458373	.1290407	.3949557	.2746476	3.270364	.0750710
#1	.0178583	.0258625	249.1572	3.492377	.0903760	.2943656	737.3331
#2	.0176208	.0258221	249.4915	3.503704	.0908725	.2852439	737.7127
#3	.0172870	.0258974	248.8486	3.476268	.0906556	.3045108	736.6224

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.12173	46.02559	1.999200	.0954595	4.353859	.1591058	11.71603
Stddev	.02485	.32517	.004641	.0002737	.738880	.0070158	.07993
%RSD	.0916076	.7064989	.2321404	.2866801	16.97070	4.409539	.6822358
#1	27.11511	46.01615	1.993850	.0951994	3.546750	.1553865	11.71357
#2	27.14922	46.35538	2.002146	.0954341	4.517881	.1671982	11.63735
#3	27.10087	45.70524	2.001604	.0957449	4.996945	.1547329	11.79715

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305387	2.514647	.1436903	.0693888	4.529094	8.040711	.0926011
Stddev	.105415	.005015	.0083008	.0005350	.022439	.048148	.0005394
%RSD	4.572543	.1994249	5.776832	.7710025	.4954321	.5988085	.5824968
#1	2.417429	2.509122	.1512104	.0700055	4.522383	8.043857	.0922335
#2	2.290565	2.518912	.1347836	.0691121	4.510777	8.087209	.0932203
#3	2.208168	2.515906	.1450770	.0690488	4.554122	7.991067	.0923495

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-16DLX2 Acquired: 12/21/2024 14:45:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.230929	-.360858	.0299511
Stddev	.003433	.000635	.0006904
%RSD	.2788708	.1760107	2.305103
#1	1.227547	-.361009	.0293336
#2	1.234410	-.361404	.0298233
#3	1.230831	-.360161	.0306965

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1863.052	23532.57	2448.268	1602.651	2140.514
Stddev	8.623	108.87	17.626	4.325	8.931
%RSD	.4628641	.4626410	.7199294	.2698943	.4172424
#1	1867.809	23478.23	2445.051	1602.827	2147.985
#2	1868.249	23461.56	2432.472	1598.241	2142.936
#3	1853.097	23657.91	2467.281	1606.887	2130.622

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-16LDLX10 Acquired: 12/21/2024 14:49:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0272790	-.053699	.9636196	.0714340	.0274115	4.980782	.1437285
Stddev	.0039976	.002322	.0033961	.0018732	.0007930	.022021	.0010845
%RSD	14.65464	4.323866	.3524351	2.622281	2.893100	.4421129	.7545221
#1	.0227957	-.053440	.9674789	.0733348	.0278060	4.955380	.1424771
#2	.0304727	-.056140	.9622930	.0695897	.0279299	4.994463	.1443932
#3	.0285686	-.051517	.9610870	.0713776	.0264986	4.992504	.1443153

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036391	.0051501	51.11602	.7204558	.0301064	.0563390	152.7438
Stddev	.0001974	.0000165	.27105	.0015829	.0001730	.0060695	.6750
%RSD	5.425600	.3202907	.5302632	.2197099	.5747211	10.77315	.4419015
#1	.0034275	.0051311	50.84449	.7221918	.0302770	.0561590	151.9709
#2	.0036715	.0051586	51.11697	.7190926	.0301112	.0624964	153.0431
#3	.0038183	.0051605	51.38659	.7200829	.0299311	.0503615	153.2174

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.628372	9.549248	.4062903	.0215052	2.757292	.0312862	2.311529
Stddev	.032447	.060073	.0008699	.0011182	1.012169	.0058638	.008780
%RSD	.5764964	.6290823	.2140964	5.199628	36.70879	18.74243	.3798339
#1	5.592291	9.479936	.4072496	.0222707	2.418455	.0313576	2.319380
#2	5.637668	9.581536	.4060684	.0202220	1.958012	.0253871	2.313159
#3	5.655156	9.586272	.4055529	.0220229	3.895410	.0371141	2.302048

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.292339	.4885798	.0310177	.0144112	.8877571	1.679278	.0092775
Stddev	.097678	.0015687	.0048016	.0002456	.0020055	.013450	.0009516
%RSD	33.41251	.3210697	15.48032	1.704512	.2259004	.8009260	10.25763
#1	-.373275	.4900692	.0254733	.0141336	.8896191	1.689781	.0081789
#2	-.183842	.4887278	.0337565	.0144994	.8856338	1.664119	.0098059
#3	-.319900	.4869424	.0338231	.0146006	.8880183	1.683934	.0098477

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-16LDLX10 Acquired: 12/21/2024 14:49:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2472955	-.076292	.0065132
Stddev	.0037595	.000229	.0009883
%RSD	1.520247	.3003900	15.17391
#1	.2438614	-.076070	.0060045
#2	.2467127	-.076279	.0058828
#3	.2513123	-.076528	.0076522

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1877.213	23329.29	2351.950	1615.194	2190.590
Stddev	4.873	61.83	10.220	6.462	4.196
%RSD	.2595922	.2650490	.4345424	.4000634	.1915501
#1	1871.879	23267.46	2349.023	1608.167	2185.767
#2	1881.433	23329.29	2363.315	1616.535	2193.403
#3	1878.327	23391.13	2343.513	1620.880	2192.601

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV095 Acquired: 12/21/2024 14:53:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.857928	4.639407	23.66718	4.606587	4.543925	393.1472	10.00528
Stddev	.011204	.008648	.01201	.002194	.010457	2.3951	.05287
%RSD	.2306393	.1864087	.0507599	.0476263	.2301284	.6092126	.5283917
#1	4.870397	4.637005	23.66256	4.605581	4.531871	391.4253	9.97708
#2	4.854685	4.632214	23.65816	4.605076	4.550554	392.1338	9.97250
#3	4.848704	4.649003	23.68082	4.609103	4.549351	395.8824	10.06627

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4990502	2.391622	399.0657	14.62975	2.315870	14.75690	400.5856
Stddev	.0014000	.002166	1.8554	.01835	.002664	.09162	2.2786
%RSD	.2805434	.0905508	.4649413	.1254569	.1150515	.6208413	.5688249
#1	.5006558	2.389654	397.6713	14.61406	2.318600	14.73147	399.1874
#2	.4984112	2.391269	398.3542	14.62526	2.313276	14.68069	399.3544
#3	.4980837	2.393942	401.1716	14.64994	2.315732	14.85855	403.2150

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.58449	396.9187	2.396736	1.262821	414.1585	2.468138	14.26393
Stddev	.07473	2.9586	.001966	.001303	2.5242	.009862	.09813
%RSD	.5124144	.7453807	.0820395	.1031895	.6094694	.3995525	.6879460
#1	14.55587	395.1292	2.397376	1.262265	413.0997	2.468740	14.15825
#2	14.52830	395.2934	2.394529	1.264310	412.3363	2.457990	14.28137
#3	14.66930	400.3337	2.398302	1.261888	417.0397	2.477686	14.35217

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.0029	4.718328	4.721618	4.597458	4.658558	4.784165	4.589372
Stddev	.8916	.008242	.009325	.009166	.023428	.013178	.002867
%RSD	.5943724	.1746822	.1975002	.1993737	.5028927	.2754554	.0624732
#1	149.4756	4.715124	4.718950	4.587566	4.659396	4.799365	4.586328
#2	149.5008	4.712169	4.713918	4.599143	4.634723	4.775939	4.592021
#3	151.0323	4.727691	4.731987	4.605665	4.681556	4.777192	4.589767

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV095 Acquired: 12/21/2024 14:53:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV095 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.936898	4.712399	5.222632
Stddev	.039320	.034820	.032719
%RSD	.7964560	.7389115	.6264873
#1	4.927433	4.699501	5.193123
#2	4.903174	4.685869	5.216953
#3	4.980087	4.751829	5.257818

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1585.297	20825.26	2259.662	1344.050	1801.447
Stddev	3.289	79.39	6.221	8.095	2.129
%RSD	.2074441	.3812015	.2752949	.6022839	.1181625
#1	1588.995	20899.12	2261.395	1352.862	1803.207
#2	1582.700	20835.33	2264.833	1336.943	1799.081
#3	1584.196	20741.31	2252.759	1342.346	1802.054

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB095 Acquired: 12/21/2024 14:57:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0028225	.0004389	.0062424	.0010596	-.003986	.0261959
Stddev	.0026940	.0011158	.0011313	.0036123	.000900	.0134666
%RSD	95.44645	254.2214	18.12340	340.9015	22.58173	51.40726
#1	.0042417	-.000248	.0064160	.0052015	-.002947	.0268824
#2	-.000284	-.000162	.0072769	-.001439	-.004524	.0123991
#3	.004510	.001726	.0050343	-.000584	-.004488	.0393060

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0018539	.0000644	.0002682	.0077944	.0002141	.0003940
Stddev	.0002659	.0000843	.0000911	.0348402	.0003139	.0004571
%RSD	14.34316	130.8870	33.95604	446.9898	146.6033	116.0272
#1	.0019763	.0000082	.0003456	-.026176	.0001291	-.000115
#2	.0015488	.0000237	.0002911	.043443	-.000049	.000770
#3	.0020365	.0001612	.0001678	.006116	.000562	.000526

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015702	.0272448	.0002810	.0563573	.0005181	.0004382
Stddev	.0019838	.0236620	.0011695	.1365820	.0004470	.0005900
%RSD	126.3361	86.84965	416.2610	242.3503	86.26517	134.6459
#1	.0001036	.0354976	.0016313	-.083291	.0008261	-.000157
#2	.0038274	.0005616	-.000401	.189652	.0007228	.001023
#3	.0007797	.0456753	-.000387	.062711	.0000055	.000449

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.962355	-.007841	.0027312	-.757375	-.004850	.0136062
Stddev	.482491	.010557	.0110528	.016149	.003047	.0026647
%RSD	24.58733	134.6295	404.6898	2.132227	62.81524	19.58465
#1	2.493054	-.002923	-.009927	-.739220	-.001333	.0105366
#2	1.550151	-.019959	.007648	-.762768	-.006651	.0149573
#3	1.843861	-.000641	.010473	-.770138	-.006568	.0153248

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB095 Acquired: 12/21/2024 14:57:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0004710	-.007816	-.002390	F -.012517	.0001646	.0000821
Stddev	.0001401	.002972	.000719	.000941	.0023454	.0001634
%RSD	29.75619	38.02550	30.06569	7.514234	1424.869	199.1320
#1	.0005405	-.007249	-.002490	-.012014	.0011698	.0000802
#2	.0005628	-.005169	-.003054	-.011936	.0018399	-.000080
#3	.0003097	-.011031	-.001627	-.013603	-.002516	.000246

Elem	Li6707
Units	ppm
Avg	.0108472
Stddev	.0016901
%RSD	15.58136
#1	.0115187
#2	.0089245
#3	.0120984

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.844	23230.99	2340.746	1607.671	2232.800
Stddev	1.649	110.24	12.397	9.321	2.793
%RSD	.0873703	.4745561	.5296013	.5797726	.1250714
#1	1888.358	23211.36	2328.566	1608.878	2230.270
#2	1885.999	23349.73	2340.325	1616.330	2232.333
#3	1889.175	23131.87	2353.348	1597.805	2235.797

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-17DLX2 Acquired: 12/21/2024 15:01:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1457185	-.301453	4.776689	.3762472	.1782280	25.05500	.7156000
Stddev	.0016957	.006439	.017261	.0107639	.0019815	.39130	.0101549
%RSD	1.163693	2.135923	.3613576	2.860863	1.111766	1.561773	1.419068
#1	.1475762	-.298602	4.756780	.3714535	.1760068	24.85151	.7077275
#2	.1453252	-.308825	4.785821	.3885751	.1798141	25.50612	.7270621
#3	.1442539	-.296931	4.787466	.3687128	.1788630	24.80737	.7120103

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180200	.0263766	252.0908	3.526894	.0908502	.2996803	746.0787
Stddev	.0001072	.0004362	3.6730	.010672	.0004389	.0055680	10.9385
%RSD	.5946376	1.653723	1.457034	.3025903	.4831327	1.857980	1.466129
#1	.0179441	.0265123	250.3453	3.533555	.0905003	.2952287	739.3292
#2	.0181426	.0258886	256.3111	3.532543	.0913427	.3059236	758.6992
#3	.0179732	.0267288	249.6160	3.514585	.0907075	.2978886	740.2077

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.45397	46.82902	2.022313	.0984517	3.687677	.1599156	11.96040
Stddev	.38854	.86440	.002667	.0027361	.328694	.0129250	.12059
%RSD	1.415257	1.845871	.1318546	2.779149	8.913316	8.082391	1.008254
#1	27.22135	46.35311	2.019273	.0971267	3.910782	.1702691	11.82600
#2	27.90252	47.82679	2.024260	.1015981	3.842035	.1454298	12.05913
#3	27.23804	46.30715	2.023404	.0966303	3.310215	.1640479	11.99607

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.305638	2.542554	.1455143	.0704319	4.584513	8.128948	.0938547
Stddev	.281783	.004939	.0091752	.0000626	.008504	.081161	.0017902
%RSD	12.22146	.1942597	6.305394	.0888484	.1854940	.9984154	1.907402
#1	2.079863	2.540527	.1424175	.0704766	4.578411	8.111339	.0917954
#2	2.621431	2.538951	.1558372	.0704588	4.580901	8.217468	.0950398
#3	2.215620	2.548184	.1382881	.0703604	4.594227	8.058038	.0947289

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-17DLX2 Acquired: 12/21/2024 15:01:11 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.240797	-.365828	.0335608
Stddev	.018551	.005930	.0024748
%RSD	1.495055	1.620896	7.374027
#1	1.224655	-.362195	.0318743
#2	1.261062	-.372671	.0324063
#3	1.236672	-.362619	.0364019

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1865.091	23355.71	2425.889	1587.876	2140.668
Stddev	5.037	123.89	29.655	7.570	8.468
%RSD	.2700696	.5304479	1.222444	.4767611	.3955998
#1	1868.946	23302.46	2430.472	1589.975	2148.099
#2	1866.934	23267.35	2394.209	1579.477	2142.457
#3	1859.392	23497.32	2452.986	1594.175	2131.448

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-18DLX2 Acquired: 12/21/2024 15:04:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1901994	-.258062	4.787136	.4599481	.2635399	26.82439	2.702882
Stddev	.0028939	.003883	.004555	.0034131	.0048964	.03318	.001862
%RSD	1.521514	1.504678	.0951611	.7420571	1.857938	.1237046	.0688931
#1	.1896558	-.255483	4.788858	.4638880	.2582302	26.79443	2.703225
#2	.1876159	-.262528	4.781970	.4580602	.2678772	26.86006	2.704549
#3	.1933266	-.256175	4.790579	.4578960	.2645123	26.81868	2.700873

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680148	.0730407	251.1999	3.715795	.5401469	.5402709	743.6154
Stddev	.0002486	.0001316	.1958	.008775	.0011053	.0083504	2.1667
%RSD	.3654759	.1801373	.0779412	.2361645	.2046246	1.545591	.2913720
#1	.0677596	.0731365	250.9811	3.706684	.5388997	.5435248	741.1665
#2	.0680287	.0728907	251.3585	3.724191	.5405360	.5465044	745.2833
#3	.0682562	.0730948	251.2601	3.716510	.5410050	.5307834	744.3963

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	27.80143	46.52962	2.490548	.1330825	3.778366	.6696367	12.22321
Stddev	.02185	.06603	.005085	.0018975	.274103	.0099649	.05009
%RSD	.0786075	.1419002	.2041534	1.425806	7.254546	1.488111	.4098176
#1	27.78368	46.52267	2.485854	.1312909	3.861413	.6740132	12.28058
#2	27.79476	46.59884	2.489841	.1350706	4.001342	.6766644	12.18817
#3	27.82584	46.46734	2.495949	.1328859	3.472343	.6582324	12.20087

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.246718	2.537784	.1386155	.0701869	4.570721	8.118915	.0940044
Stddev	.112018	.005570	.0024074	.0001530	.008835	.057855	.0008592
%RSD	4.985867	.2195001	1.736775	.2179589	.1932958	.7125973	.9139956
#1	2.285062	2.537487	.1358358	.0700436	4.580748	8.052608	.0948612
#2	2.334529	2.532368	.1400283	.0703480	4.564078	8.145012	.0940092
#3	2.120563	2.543497	.1399824	.0701692	4.567338	8.159125	.0931428

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-18DLX2 Acquired: 12/21/2024 15:04:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.231425	-.365526	.0344117
Stddev	.005341	.002522	.0018598
%RSD	.4337270	.6900036	5.404566
#1	1.228090	-.362954	.0328206
#2	1.237586	-.367995	.0364563
#3	1.228600	-.365630	.0339580

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1845.225	23271.99	2412.350	1582.902	2116.954
Stddev	4.346	81.54	2.939	5.818	3.018
%RSD	.2355041	.3503936	.1218206	.3675685	.1425785
#1	1849.694	23221.14	2415.686	1576.979	2120.437
#2	1844.968	23228.79	2410.143	1588.609	2115.109
#3	1841.014	23366.04	2411.222	1583.117	2115.316

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-20DLX2 Acquired: 12/21/2024 15:08:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764450	-.132757	1.525429	.1691272	.0712565	33.72428	.4898115
Stddev	.0024070	.003946	.000905	.0020576	.0013712	.04258	.0020144
%RSD	3.148659	2.972440	.0593314	1.216594	1.924265	.1262687	.4112589
#1	.0785609	-.135743	1.525246	.1699938	.0706718	33.68897	.4908917
#2	.0769477	-.128284	1.526412	.1667780	.0728231	33.71231	.4874874
#3	.0738263	-.134245	1.524630	.1706097	.0702746	33.77157	.4910554

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0091439	.0165267	268.3595	.9511376	.0719727	.3387651	361.1508
Stddev	.0000955	.0000905	.8593	.0018735	.0006729	.0052491	1.2607
%RSD	1.044468	.5474032	.3201903	.1969746	.9349789	1.549469	.3490889
#1	.0090480	.0165487	267.5407	.9532251	.0716328	.3396620	361.2192
#2	.0092390	.0164272	268.2836	.9505853	.0715375	.3331253	359.8573
#3	.0091448	.0166041	269.2542	.9496023	.0727478	.3435078	362.3760

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.96772	41.42368	.4877228	.0469935	3.567559	.2284121	4.408445
Stddev	.05457	.08019	.0018183	.0006856	.498642	.0090764	.023362
%RSD	.3645732	.1935745	.3728195	1.458954	13.97711	3.973718	.5299432
#1	14.98395	41.33114	.4868247	.0477784	3.628007	.2246816	4.383946
#2	14.90689	41.46743	.4865283	.0465112	4.033221	.2217954	4.430474
#3	15.01234	41.47248	.4898155	.0466910	3.041449	.2387594	4.410914

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.045878	3.539693	.1141864	.0422719	3.922601	7.152416	.0405585
Stddev	.038428	.012674	.0025696	.0002070	.008226	.045013	.0012476
%RSD	.6356029	.3580459	2.250380	.4896606	.2097195	.6293459	3.076134
#1	6.084307	3.527945	.1113665	.0421714	3.927026	7.192009	.0404120
#2	6.045874	3.538009	.1163959	.0425099	3.913110	7.103456	.0393905
#3	6.007452	3.553124	.1147966	.0421344	3.927669	7.161783	.0418729

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-20DLX2 Acquired: 12/21/2024 15:08:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9168969	.2112121	.0658810
Stddev	.0055997	.0009444	.0036104
%RSD	.6107211	.4471097	5.480182
#1	.9209375	.2112513	.0648394
#2	.9105049	.2102488	.0698978
#3	.9192483	.2121363	.0629060

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1899.956	23627.18	2466.190	1631.359	2102.284
Stddev	4.712	73.00	4.465	2.507	3.197
%RSD	.2479921	.3089612	.1810624	.1537012	.1520922
#1	1902.725	23617.27	2461.406	1633.923	2105.906
#2	1902.627	23559.64	2470.247	1628.912	2101.095
#3	1894.516	23704.63	2466.918	1631.243	2099.852

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-21DLX2 Acquired: 12/21/2024 15:12:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0973314	-.176343	1.727265	.2182508	.0932952	35.36804	.5342767
Stddev	.0019215	.002201	.005253	.0022413	.0021883	.19578	.0023305
%RSD	1.974150	1.248298	.3041089	1.026921	2.345555	.5535446	.4361938
#1	.0956635	-.174378	1.721367	.2160044	.0916594	35.14265	.5317046
#2	.0968983	-.178722	1.731439	.2204869	.0924452	35.49580	.5348780
#3	.0994325	-.175929	1.728990	.2182611	.0957809	35.46569	.5362477

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0114558	.0179098	278.7121	.8828129	.0820405	.3865829	456.1255
Stddev	.0003183	.0001384	1.3833	.0046026	.0002722	.0098753	1.3719
%RSD	2.778456	.7724777	.4963006	.5213588	.3318000	2.554520	.3007743
#1	.0113674	.0178324	277.1264	.8881003	.0823077	.3941500	454.5439
#2	.0118089	.0178275	279.6707	.8797036	.0820501	.3754118	456.8386
#3	.0111910	.0180695	279.3393	.8806348	.0817636	.3901869	456.9941

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.53453	44.06710	.5085503	.0570604	2.815967	.2431152	4.595953
Stddev	.05485	.05656	.0006044	.0017053	.203201	.0065889	.024280
%RSD	.3531088	.1283530	.1188444	2.988514	7.216025	2.710189	.5282852
#1	15.47329	44.01559	.5092371	.0551258	2.969785	.2355140	4.608216
#2	15.57914	44.12763	.5080996	.0583452	2.585612	.2466323	4.611656
#3	15.55117	44.05808	.5083142	.0577101	2.892504	.2471992	4.567988

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.965191	3.761699	.1052683	.0335114	4.227349	6.303022	.0548641
Stddev	.080640	.005424	.0008610	.0001977	.005392	.015742	.0005656
%RSD	1.351847	.1441888	.8178961	.5898596	.1275439	.2497465	1.030865
#1	6.000029	3.757818	.1054859	.0333506	4.221938	6.306569	.0552021
#2	5.872989	3.767897	.1043194	.0337321	4.227386	6.316687	.0542111
#3	6.022557	3.759384	.1059997	.0334514	4.232722	6.285809	.0551790

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-21DLX2 Acquired: 12/21/2024 15:12:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28R4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9162551	.1229670	.0619874
Stddev	.0040098	.0009281	.0036833
%RSD	.4376304	.7547950	5.942044
#1	.9123915	.1238925	.0648385
#2	.9203967	.1229724	.0578287
#3	.9159772	.1220362	.0632950

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1887.241	23350.80	2424.813	1610.449	2090.956
Stddev	3.956	93.57	.186	7.137	1.639
%RSD	.2096435	.4007026	.0076761	.4431948	.0784020
#1	1884.776	23270.90	2424.772	1602.273	2089.067
#2	1891.805	23453.73	2424.651	1613.636	2092.008
#3	1885.143	23327.77	2425.017	1615.437	2091.793

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-02DLX5 Acquired: 12/21/2024 15:16:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1254319	-.062998	.1469500	.0977829	.0319209	24.80931	.6674749
Stddev	.0031999	.002819	.0007811	.0027894	.0004153	.18179	.0045685
%RSD	2.551109	4.475091	.5315523	2.852648	1.301161	.7327620	.6844514
#1	.1234772	-.059925	.1463411	.0946948	.0319501	24.60855	.6623714
#2	.1291247	-.063605	.1478308	.0985342	.0323208	24.85657	.6688706
#3	.1236938	-.065465	.1466783	.1001197	.0314917	24.96280	.6711828

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028734	.0027511	10.03065	.0486501	.0727613	.2928126	164.2152
Stddev	.0000540	.0000934	.07874	.0004244	.0003456	.0013192	1.2701
%RSD	1.879715	3.393153	.7849927	.8723161	.4749145	.4505420	.7734519
#1	.0028111	.0026862	9.93977	.0490186	.0724560	.2922660	162.7558
#2	.0029069	.0028581	10.07837	.0481861	.0726913	.2918546	164.8191
#3	.0029023	.0027091	10.07382	.0487456	.0731365	.2943173	165.0706

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.24086	16.33722	.0630103	.0204593	1.767222	.1181285	.3344275
Stddev	.11469	.17171	.0008193	.0012499	.610043	.0093009	.0120228
%RSD	.8053616	1.051036	1.300271	6.108976	34.51989	7.873546	3.595038
#1	14.10867	16.13895	.0637054	.0190218	1.758332	.1186529	.3377214
#2	14.31384	16.43613	.0632185	.0210676	1.161673	.1271561	.3444600
#3	14.30008	16.43659	.0621070	.0212886	2.381662	.1085765	.3211010

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.925321	1.376465	.0071995	-.001072	.1561434	1.839131	-.000685
Stddev	.284462	.006291	.0043423	.000127	.0051934	.016851	.000762
%RSD	5.775504	.4570720	60.31375	11.84075	3.326014	.9162222	111.2254
#1	4.643291	1.373698	.0093548	-.000926	.1506731	1.837469	.000192
#2	4.920518	1.372031	.0100425	-.001131	.1567505	1.823173	-.001066
#3	5.212155	1.383666	.0022012	-.001159	.1610064	1.856751	-.001181

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-02DLX5 Acquired: 12/21/2024 15:16:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3530320	-.076099	.0392476
Stddev	.0025291	.000720	.0026855
%RSD	.7163969	.9457976	6.842524
#1	.3521646	-.075553	.0423474
#2	.3558807	-.075829	.0377694
#3	.3510508	-.076915	.0376258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1918.953	23560.33	2384.842	1638.864	2201.098
Stddev	1.078	93.43	12.610	4.667	3.696
%RSD	.0561727	.3965758	.5287708	.2847499	.1679238
#1	1918.671	23629.86	2392.427	1636.109	2196.916
#2	1920.144	23454.12	2391.813	1636.230	2203.928
#3	1918.044	23597.01	2370.285	1644.252	2202.450

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-03DLX5 Acquired: 12/21/2024 15:20:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1869767	-.076072	.1583902	.1113349	.0389198	38.87313	.8993369
Stddev	.0018598	.001087	.0032148	.0016174	.0006504	.05969	.0025263
%RSD	.9946815	1.428935	2.029652	1.452695	1.671119	.1535463	.2809023
#1	.1863595	-.075160	.1579244	.1104201	.0383704	38.94109	.9012798
#2	.1855039	-.075783	.1554338	.1132023	.0387511	38.82917	.8964811
#3	.1890666	-.077275	.1618125	.1103822	.0396379	38.84914	.9002500

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036099	.0032324	13.54475	.0988479	.0869658	.4235091	194.5568
Stddev	.0001678	.0000376	.06565	.0006004	.0005140	.0027716	.6383
%RSD	4.648450	1.163402	.4846707	.6073516	.5910635	.6544312	.3280809
#1	.0037342	.0031930	13.60166	.0994866	.0863792	.4266595	194.7741
#2	.0034190	.0032362	13.55967	.0987619	.0871808	.4224219	193.8382
#3	.0036765	.0032680	13.47293	.0982952	.0873374	.4214460	195.0580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	17.09437	25.08636	.0971010	.0240242	1.638920	.2233928	.3825360
Stddev	.03432	.03418	.0006331	.0005101	1.104752	.0026640	.0011215
%RSD	.2007539	.1362636	.6520122	2.123321	67.40733	1.192514	.2931663
#1	17.13042	25.08645	.0973275	.0238323	.479711	.2254107	.3835228
#2	17.06210	25.05213	.0963858	.0246025	2.679667	.2243945	.3813164
#3	17.09060	25.12050	.0975898	.0236379	1.757381	.2203731	.3827687

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.288289	1.589101	.0008189	-.001690	.1975276	2.151363	.0040408
Stddev	.163442	.003962	.0045931	.000397	.0024583	.024588	.0006345
%RSD	2.599150	.2493189	560.8780	23.49812	1.244532	1.142926	15.70294
#1	6.330123	1.586747	-.003736	-.001672	.2002565	2.178830	.0045608
#2	6.107996	1.586880	.005449	-.002096	.1968397	2.131404	.0033338
#3	6.426749	1.593675	.000744	-.001302	.1954865	2.143855	.0042277

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-03DLX5 Acquired: 12/21/2024 15:20:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5625989	-.094541	.0472769
Stddev	.0039968	.000762	.0048656
%RSD	.7104161	.8058755	10.29178
#1	.5671806	-.094792	.0445996
#2	.5607879	-.093685	.0528932
#3	.5598281	-.095146	.0443378

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1934.369	23811.77	2407.607	1657.657	2193.447
Stddev	1.465	72.54	19.921	10.031	1.489
%RSD	.0757132	.3046601	.8274247	.6051580	.0678960
#1	1932.962	23795.67	2384.984	1653.990	2192.018
#2	1934.259	23748.62	2422.524	1649.975	2193.332
#3	1935.885	23891.01	2415.313	1669.006	2194.990

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-04DLX5 Acquired: 12/21/2024 15:24:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1081261	-.064448	.1543748	.1093905	.0368970	24.39873	.8606592
Stddev	.0028832	.001399	.0033723	.0028297	.0002929	.21250	.0094111
%RSD	2.666493	2.171202	2.184511	2.586760	.7939496	.8709292	1.093472
#1	.1077111	-.062890	.1563030	.1113700	.0371441	24.15807	.8500737
#2	.1054729	-.065598	.1504809	.1106519	.0369735	24.47765	.8638241
#3	.1111943	-.064855	.1563407	.1061495	.0365734	24.56048	.8680798

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025113	.0022926	10.74200	.0413399	.0746506	.2480979	181.3324
Stddev	.0002019	.0000945	.07066	.0012424	.0007930	.0061302	1.5505
%RSD	8.040689	4.119979	.6577562	3.005250	1.062242	2.470877	.8550834
#1	.0025485	.0023763	10.66114	.0424671	.0742871	.2450039	179.5420
#2	.0022934	.0021902	10.79182	.0400079	.0741045	.2551584	182.2299
#3	.0026920	.0023114	10.77305	.0415447	.0755601	.2441313	182.2253

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	20.62048	14.64099	.0588887	.0237949	2.049947	.0788506	.3393661
Stddev	.17144	.16250	.0006486	.0013686	.979527	.0039072	.0036825
%RSD	.8313926	1.109883	1.101327	5.751435	47.78304	4.955205	1.085103
#1	20.42418	14.50278	.0582160	.0222436	2.823055	.0785046	.3353308
#2	20.74076	14.82000	.0595101	.0248311	.948410	.0751279	.3402228
#3	20.69651	14.60019	.0589401	.0243102	2.378375	.0829193	.3425447

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.157158	1.421671	.0031595	-.002053	.1634911	1.592953	.0018472
Stddev	.099950	.002425	.0038841	.000058	.0042894	.012808	.0011020
%RSD	2.404297	.1706078	122.9341	2.841589	2.623604	.8040694	59.66010
#1	4.046954	1.422810	.0073262	-.002021	.1679674	1.580140	.0015063
#2	4.241948	1.423317	-.000361	-.002018	.1630889	1.605757	.0009558
#3	4.182573	1.418885	.002513	-.002120	.1594170	1.592961	.0030793

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-04DLX5 Acquired: 12/21/2024 15:24:05 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1990383	-.076283	.0444804
Stddev	.0015510	.000504	.0025194
%RSD	.7792595	.6602472	5.664145
#1	.1976631	-.075719	.0468681
#2	.1987323	-.076442	.0447260
#3	.2007195	-.076688	.0418472

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1929.874	23804.87	2389.065	1656.222	2216.357
Stddev	1.379	142.00	11.002	11.665	1.424
%RSD	.0714548	.5965373	.4605040	.7043087	.0642399
#1	1931.456	23765.19	2401.677	1651.789	2217.445
#2	1928.926	23962.49	2384.083	1669.454	2216.881
#3	1929.239	23686.92	2381.436	1647.424	2214.746

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-05DLX5 Acquired: 12/21/2024 15:27:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1493975	-.052116	.0929497	.0799429	.0247461	32.14464	.5859077
Stddev	.0016957	.002685	.0037191	.0041746	.0016432	.02920	.0020229
%RSD	1.135016	5.152191	4.001179	5.222014	6.640347	.0908412	.3452518
#1	.1510182	-.050839	.0941900	.0833696	.0232387	32.15507	.5873232
#2	.1476357	-.055202	.0887690	.0811657	.0245017	32.16719	.5868090
#3	.1495388	-.050308	.0958902	.0752935	.0264978	32.11166	.5835908

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025567	.0017369	9.597953	.0951158	.0777670	.2393428	135.7281
Stddev	.0001375	.0000866	.047231	.0007649	.0002333	.0047206	.2427
%RSD	5.376656	4.985418	.4920920	.8041661	.2999849	1.972320	.1787876
#1	.0024307	.0017932	9.652414	.0943046	.0775158	.2341837	135.9709
#2	.0027033	.0017803	9.573223	.0958240	.0779769	.2434461	135.7279
#3	.0025360	.0016372	9.568222	.0952187	.0778082	.2403987	135.4856

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.91544	21.19857	.0863567	.0163103	2.843830	.1709142	.2326662
Stddev	.03010	.14075	.0007516	.0008407	.533734	.0051313	.0078887
%RSD	.2525989	.6639683	.8703497	5.154621	18.76814	3.002292	3.390548
#1	11.95017	21.26738	.0855403	.0155950	3.450997	.1667059	.2367256
#2	11.89928	21.29168	.0870198	.0160995	2.631807	.1766306	.2235745
#3	11.89687	21.03665	.0865101	.0172363	2.448687	.1694061	.2376985

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.407528	1.114522	.0002444	-.001377	.0751759	1.717684	-.000603
Stddev	.095738	.000233	.0023075	.000302	.0007983	.014641	.000668
%RSD	2.809590	.0209450	944.0105	21.94615	1.061943	.8523530	110.7736
#1	3.411684	1.114765	.0017362	-.001042	.0745224	1.732731	.000103
#2	3.501120	1.114501	.0014105	-.001630	.0749396	1.703486	-.000687
#3	3.309780	1.114300	-.002413	-.001458	.0760657	1.716835	-.001224

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-05DLX5 Acquired: 12/21/2024 15:27:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7368711	-.065885	.0295542
Stddev	.0074961	.000225	.0020088
%RSD	1.017291	.3416708	6.796984
#1	.7445778	-.066102	.0274131
#2	.7364305	-.065902	.0313975
#3	.7296050	-.065653	.0298521

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1931.983	23815.14	2405.708	1656.521	2211.483
Stddev	4.118	99.03	18.976	14.473	5.524
%RSD	.2131349	.4158188	.7887741	.8736685	.2498035
#1	1934.279	23905.84	2399.465	1666.592	2212.546
#2	1934.442	23830.08	2427.018	1663.035	2216.399
#3	1927.230	23709.49	2390.640	1639.936	2205.505

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-07DLX5 Acquired: 12/21/2024 15:31:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0785270	-.052092	.0752241	.0804399	.0277537	25.18018	.6227817
Stddev	.0025759	.001822	.0006985	.0011142	.0016707	.21623	.0037086
%RSD	3.280312	3.498508	.9285608	1.385164	6.019887	.8587143	.5954943
#1	.0758433	-.053025	.0758475	.0800751	.0296426	24.93768	.6188006
#2	.0809796	-.053259	.0744692	.0795538	.0264694	25.24998	.6234058
#3	.0787582	-.049992	.0753557	.0816908	.0271491	25.35288	.6261387

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0024184	.0007790	8.839797	.0436372	.0608312	.0912722	136.3844
Stddev	.0000447	.0001186	.115369	.0009338	.0005135	.0050522	.8817
%RSD	1.846464	15.22118	1.305110	2.139862	.8441429	5.535338	.6465176
#1	.0023668	.0008342	8.724900	.0446890	.0607605	.0960874	135.4052
#2	.0024448	.0008599	8.955633	.0433170	.0613764	.0860124	137.1155
#3	.0024436	.0006429	8.838857	.0429057	.0603567	.0917169	136.6326

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.26919	14.31879	.0523154	.0160365	1.817715	.0942565	.1999743
Stddev	.08426	.26199	.0007420	.0001452	.473436	.0060974	.0044243
%RSD	.6350245	1.829684	1.418236	.9054467	26.04568	6.468993	2.212448
#1	13.17202	14.02619	.0515123	.0159477	2.277185	.0919966	.1995111
#2	13.31342	14.53162	.0524587	.0162040	1.331451	.0896117	.2046120
#3	13.32213	14.39855	.0529753	.0159577	1.844510	.1011613	.1957997

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.449299	.7941832	.0002065	-.001080	.0481549	1.850537	-.001342
Stddev	.107388	.0002559	.0043442	.000411	.0023988	.016819	.000064
%RSD	7.409663	.0322199	2103.842	38.06432	4.981398	.9088799	4.767534
#1	1.381117	.7939136	.0006074	-.000734	.0509248	1.834488	-.001271
#2	1.393692	.7944227	.0043364	-.000972	.0467686	1.849092	-.001362
#3	1.573088	.7942135	-.004324	-.001534	.0467713	1.868033	-.001394

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-07DLX5 Acquired: 12/21/2024 15:31:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3175267	-.055953	.0293284
Stddev	.0026050	.000719	.0062523
%RSD	.8203912	1.285900	21.31813
#1	.3167069	-.055234	.0229114
#2	.3154303	-.056673	.0296720
#3	.3204430	-.055953	.0354018

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1932.861	23893.68	2391.828	1658.967	2219.326
Stddev	3.570	52.97	22.044	9.331	7.414
%RSD	.1847168	.2216798	.9216499	.5624339	.3340786
#1	1936.805	23870.08	2415.959	1649.766	2227.312
#2	1929.849	23856.61	2386.778	1658.714	2212.661
#3	1931.929	23954.34	2372.747	1668.422	2218.005

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-08DLX5 Acquired: 12/21/2024 15:35:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1032407	-.049944	.0858902	.0717735	.0228365	22.49681	.4804380
Stddev	.0020081	.001360	.0028111	.0012460	.0005872	.09273	.0013996
%RSD	1.945080	2.723377	3.272894	1.736072	2.571529	.4122079	.2913275
#1	.1009501	-.050304	.0827385	.0726385	.0234985	22.39152	.4788929
#2	.1046979	-.048440	.0881386	.0703453	.0226327	22.56634	.4808001
#3	.1040742	-.051088	.0867935	.0723368	.0223784	22.53257	.4816210

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022954	.0011386	10.65483	.0410495	.0527710	.1216944	127.0758
Stddev	.0001150	.0000968	.10673	.0008362	.0001131	.0046450	.3414
%RSD	5.011849	8.503005	1.001721	2.037096	.2142998	3.816965	.2686895
#1	.0022338	.0011215	10.55543	.0409865	.0527006	.1181557	126.6861
#2	.0024282	.0012428	10.76763	.0402466	.0527109	.1199731	127.3225
#3	.0022244	.0010514	10.64143	.0419155	.0529014	.1269543	127.2187

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.95474	13.28393	.0493621	.0159259	2.394709	.1011944	.2365469
Stddev	.04073	.07034	.0006053	.0008229	.323841	.0046687	.0084568
%RSD	.3407001	.5295135	1.226208	5.167216	13.52320	4.613605	3.575085
#1	11.90796	13.31551	.0500131	.0151501	2.363904	.0979463	.2449191
#2	11.98232	13.33295	.0492569	.0158386	2.732851	.0990923	.2367136
#3	11.97394	13.20333	.0488163	.0167890	2.087370	.1065446	.2280080

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.972489	1.371064	.0075671	-.000684	.3347690	1.591009	-.002211
Stddev	.021077	.005030	.0035361	.000507	.0035816	.003358	.000424
%RSD	.4238638	.3668924	46.73008	74.09891	1.069867	.2110311	19.17753
#1	4.949439	1.366082	.0067700	-.000381	.3306520	1.594878	-.001891
#2	4.990778	1.370967	.0114338	-.001270	.3371675	1.588865	-.002050
#3	4.977251	1.376141	.0044977	-.000402	.3364876	1.589283	-.002692

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-08DLX5 Acquired: 12/21/2024 15:35:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3307456	-.046203	.0288308
Stddev	.0032891	.000170	.0015539
%RSD	.9944542	.3673620	5.389720
#1	.3294675	-.046308	.0273949
#2	.3344819	-.046294	.0304806
#3	.3282874	-.046007	.0286169

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1976.923	24288.41	2447.420	1685.554	2270.436
Stddev	6.490	82.39	6.950	3.130	8.511
%RSD	.3283030	.3391953	.2839915	.1857092	.3748451
#1	1977.616	24352.95	2455.145	1684.398	2274.427
#2	1970.114	24316.68	2445.442	1689.097	2260.663
#3	1983.039	24195.62	2441.673	1683.166	2276.217

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-11DLX5 Acquired: 12/21/2024 15:39:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY9 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1194846	-.060855	.1131042	.0902118	.0339299	25.32443	.8319316
Stddev	.0036354	.003418	.0029156	.0033765	.0037443	.12718	.0025572
%RSD	3.042597	5.617002	2.577819	3.742915	11.03528	.5022116	.3073799
#1	.1234108	-.064246	.1097917	.0925776	.0372688	25.18846	.8290013
#2	.1162350	-.060910	.1152817	.0863450	.0298817	25.34437	.8337116
#3	.1188080	-.057410	.1142390	.0917129	.0346392	25.44047	.8330819

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025847	.0018912	8.803415	.0506529	.0622840	.1899426	156.1147
Stddev	.0000478	.0001395	.058483	.0010606	.0000807	.0071036	.6986
%RSD	1.849827	7.378642	.6643194	2.093787	.1295230	3.739870	.4474930
#1	.0026375	.0020503	8.740151	.0494422	.0622984	.1819576	155.3429
#2	.0025443	.0018338	8.855505	.0514176	.0621972	.1923097	156.2973
#3	.0025724	.0017894	8.814589	.0510990	.0623566	.1955604	156.7038

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.82407	14.32094	.0597741	.0190715	1.866422	.1308115	.2721611
Stddev	.04841	.05991	.0013643	.0010460	.620053	.0037537	.0088764
%RSD	.3059332	.4183531	2.282395	5.484522	33.22146	2.869538	3.261447
#1	15.77311	14.37321	.0610791	.0196714	2.219286	.1329719	.2641959
#2	15.82966	14.33406	.0583574	.0178637	2.229508	.1264771	.2817300
#3	15.86945	14.25556	.0598857	.0196794	1.150471	.1329855	.2705574

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.484430	1.266177	.0030657	-.001194	.1390348	1.677128	-.000574
Stddev	.114065	.006995	.0017680	.000338	.0022631	.004614	.000273
%RSD	2.543578	.5524795	57.67060	28.29711	1.627750	.2751136	47.58157
#1	4.435434	1.263855	.0013052	-.001499	.1391157	1.674988	-.000285
#2	4.403048	1.260637	.0030508	-.001253	.1367322	1.682423	-.000828
#3	4.614806	1.274038	.0048412	-.000831	.1412564	1.673972	-.000608

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-11DLX5 Acquired: 12/21/2024 15:39:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYY9 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3504837	-.069662	.0310702
Stddev	.0012530	.000609	.0037383
%RSD	.3574938	.8740167	12.03193
#1	.3511723	-.069005	.0352983
#2	.3490375	-.070207	.0282029
#3	.3512414	-.069774	.0297093

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1923.942	23653.26	2385.132	1642.416	2204.362
Stddev	4.915	74.71	11.644	5.634	7.904
%RSD	.2554539	.3158641	.4881885	.3430449	.3585457
#1	1919.807	23577.58	2372.912	1636.459	2204.059
#2	1929.376	23726.97	2396.099	1647.659	2212.413
#3	1922.644	23655.24	2386.385	1643.131	2196.615

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-12DLX5 Acquired: 12/21/2024 15:43:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYZ0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0921857	-.063151	.1274499	.0956599	.0354456	17.94129	.9476366
Stddev	.0045059	.000953	.0013378	.0036966	.0014662	.04591	.0053076
%RSD	4.887812	1.508321	1.049642	3.864316	4.136525	.2558667	.5600848
#1	.0876106	-.064226	.1276240	.0979306	.0345179	17.89076	.9488979
#2	.0923275	-.062410	.1286921	.0913944	.0371360	17.95271	.9418119
#3	.0966190	-.062818	.1260336	.0976548	.0346829	17.98041	.9521998

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023957	.0021177	7.408152	.0348834	.0572703	.1822335	163.0817
Stddev	.0001165	.0001407	.067093	.0006162	.0001202	.0091527	.5122
%RSD	4.860835	6.643928	.9056638	1.766410	.2097901	5.022522	.3140864
#1	.0024444	.0020375	7.354300	.0346301	.0574022	.1765907	162.4984
#2	.0022628	.0020355	7.386844	.0355859	.0572418	.1927939	163.2886
#3	.0024798	.0022802	7.483311	.0344343	.0571670	.1773161	163.4581

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	18.95043	10.12675	.0515566	.0207226	2.027285	.0855264	.2942889
Stddev	.03978	.11344	.0003249	.0011321	.414633	.0042527	.0096985
%RSD	.2099217	1.120205	.6301653	5.463204	20.45264	4.972356	3.295575
#1	18.90868	9.99834	.0518944	.0197927	2.129527	.0855426	.2985775
#2	18.95473	10.21337	.0512464	.0203919	1.571095	.0897709	.3011038
#3	18.98789	10.16855	.0515291	.0219832	2.381233	.0812656	.2831854

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.918548	1.184454	-.000641	-.001586	.0651488	1.296359	-.000337
Stddev	.199863	.004443	.001088	.000410	.0028497	.009116	.000558
%RSD	6.848014	.3751498	169.9035	25.84904	4.374089	.7031860	165.3875
#1	3.135337	1.189206	-.001581	-.001604	.0635156	1.302845	.000260
#2	2.741620	1.183753	-.000893	-.001987	.0684393	1.300296	-.000427
#3	2.878685	1.180403	.000552	-.001167	.0634916	1.285936	-.000844

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-12DLX5 Acquired: 12/21/2024 15:43:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYZ0 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3052292	-.074261	.0231311
Stddev	.0013374	.000504	.0015605
%RSD	.4381724	.6780322	6.746230
#1	.3041473	-.073694	.0229804
#2	.3048157	-.074657	.0216514
#3	.3067245	-.074432	.0247614

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1933.827	23885.38	2382.689	1660.623	2225.267
Stddev	2.640	70.63	3.464	2.172	4.701
%RSD	.1365161	.2957197	.1453833	.1307924	.2112490
#1	1932.479	23928.25	2386.684	1663.128	2223.843
#2	1932.132	23924.03	2380.863	1659.470	2221.442
#3	1936.868	23803.85	2380.520	1659.270	2230.515

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-13DLX5 Acquired: 12/21/2024 15:47:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYZ1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832608	-.057362	.1243949	.0903257	.0291233	19.95580	.6341586
Stddev	.0050516	.004279	.0016311	.0041982	.0015428	.03711	.0021395
%RSD	6.067139	7.458962	1.311217	4.647905	5.297581	.1859511	.3373772
#1	.0856766	-.056401	.1226512	.0857849	.0307151	19.98262	.6365004
#2	.0774549	-.053646	.1258833	.0940662	.0276347	19.91345	.6323061
#3	.0866508	-.062040	.1246502	.0911261	.0290200	19.97134	.6336692

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025864	.0016167	7.700202	.0319860	.0558878	.1789132	149.4948
Stddev	.0000809	.0000782	.031866	.0002506	.0003453	.0091206	.8032
%RSD	3.128348	4.835410	.4138357	.7835895	.6177939	5.097803	.5372677
#1	.0026476	.0015696	7.730681	.0321170	.0562853	.1847308	150.4184
#2	.0026169	.0015736	7.702816	.0321440	.0556625	.1836071	149.1064
#3	.0024946	.0017069	7.667109	.0316970	.0557156	.1684016	148.9597

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.52374	10.44745	.0488530	.0186984	1.918778	.0678104	.2605662
Stddev	.04618	.16812	.0001296	.0006033	.806067	.0010025	.0120907
%RSD	.2974628	1.609237	.2652235	3.226593	42.00939	1.478381	4.640167
#1	15.57679	10.63710	.0489888	.0187629	2.700219	.0683021	.2610235
#2	15.49251	10.31671	.0487307	.0180654	1.090157	.0684721	.2482533
#3	15.50193	10.38853	.0488394	.0192668	1.965957	.0666570	.2724218

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.762012	1.251991	.0009992	-.000980	.0765692	1.473487	-.001031
Stddev	.075108	.004074	.0031564	.000508	.0017410	.009087	.000852
%RSD	1.996486	.3253755	315.8805	51.83218	2.273741	.6167216	82.67832
#1	3.810664	1.247782	.0018446	-.001229	.0745763	1.481400	-.001717
#2	3.799864	1.255914	.0036469	-.000396	.0777944	1.475500	-.001299
#3	3.675510	1.252278	-.002494	-.001315	.0773370	1.463562	-.000077

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-13DLX5 Acquired: 12/21/2024 15:47:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYZ1 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3337344	-.066676	.0258116
Stddev	.0017591	.000711	.0011062
%RSD	.5270941	1.066056	4.285527
#1	.3357656	-.067489	.0251476
#2	.3327189	-.066362	.0270885
#3	.3327186	-.066176	.0251986

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1926.673	23945.57	2385.086	1659.622	2217.175
Stddev	4.433	215.19	16.747	18.728	4.254
%RSD	.2300827	.8986738	.7021633	1.128440	.1918502
#1	1921.597	23757.50	2373.249	1646.449	2212.270
#2	1928.640	24180.25	2377.762	1681.060	2219.401
#3	1929.783	23898.96	2404.248	1651.355	2219.852

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-14DLX5 Acquired: 12/21/2024 15:51:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYZ2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1587075	-.060737	.0786816	.0891736	.0313559	36.04336	.6599102
Stddev	.0024520	.002191	.0021836	.0015286	.0008251	.07846	.0012694
%RSD	1.544992	3.607208	2.775241	1.714206	2.631264	.2176704	.1923546
#1	.1609113	-.060528	.0811982	.0880556	.0312495	35.95673	.6584451
#2	.1591450	-.058658	.0775571	.0909155	.0305892	36.06371	.6606055
#3	.1560662	-.063025	.0772893	.0885497	.0322290	36.10964	.6606800

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028203	.0011853	10.59721	.0947744	.0756566	.1721276	151.7953
Stddev	.0001193	.0000291	.04216	.0001263	.0003900	.0037769	.2602
%RSD	4.229788	2.456887	.3978031	.1333071	.5154239	2.194252	.1714216
#1	.0029057	.0011563	10.57282	.0948650	.0758313	.1731222	151.6314
#2	.0028713	.0011849	10.57292	.0948280	.0752099	.1679529	152.0954
#3	.0026840	.0012146	10.64588	.0946300	.0759287	.1753077	151.6593

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.44838	24.69317	.0840937	.0183822	1.482044	.2302905	.2134687
Stddev	.03280	.19607	.0001858	.0007688	.237831	.0105407	.0146004
%RSD	.2438910	.7940238	.2209853	4.182551	16.04753	4.577110	6.839581
#1	13.41164	24.47489	.0840983	.0181490	1.207485	.2273897	.2004203
#2	13.47470	24.85436	.0842771	.0192407	1.624522	.2419777	.2107477
#3	13.45881	24.75026	.0839055	.0177570	1.614124	.2215039	.2292382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.644739	1.322286	.0002518	-.001068	.0678876	1.943191	-.000601
Stddev	.092462	.004024	.0021327	.000383	.0032328	.017954	.000752
%RSD	1.638018	.3043415	846.8290	35.87000	4.762066	.9239545	125.2113
#1	5.559459	1.326656	.0003327	-.001474	.0698312	1.962380	-.000411
#2	5.743009	1.318734	.0023429	-.001017	.0641557	1.926801	-.001430
#3	5.631749	1.321466	-.001920	-.000713	.0696760	1.940391	.000038

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5181-14DLX5 Acquired: 12/21/2024 15:51:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCYZ2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.5028635	-.070959	.0425179
Stddev	.0032044	.000227	.0030980
%RSD	.6372312	.3202179	7.286416
#1	.4992455	-.070844	.0420037
#2	.5040012	-.071221	.0458409
#3	.5053439	-.070813	.0397092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1937.916	23940.89	2393.180	1667.358	2206.815
Stddev	5.029	122.05	10.046	1.722	1.892
%RSD	.2595032	.5097807	.4197695	.1032694	.0857531
#1	1932.126	24063.00	2381.658	1669.157	2204.631
#2	1940.431	23818.91	2400.101	1665.726	2207.974
#3	1941.191	23940.76	2397.780	1667.192	2207.841

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5186-09DLX5 Acquired: 12/21/2024 15:55:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZP7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.100481	-.086920	.0610668	.1160681	.0437104	50.46167	.7098925
Stddev	.003540	.005589	.0011966	.0021263	.0020662	1.03831	.0151345
%RSD	.3216645	6.429555	1.959540	1.831947	4.726945	2.057629	2.131940
#1	1.100698	-.088368	.0622316	.1171931	.0456278	49.83642	.7009444
#2	1.103908	-.091642	.0611282	.1173956	.0439811	51.66023	.7273666
#3	1.096839	-.080750	.0598407	.1136157	.0415222	49.88834	.7013666

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051879	.0012242	75.01132	.5301040	.1186763	.2598478	239.0542
Stddev	.0000848	.0001643	1.43807	.0009979	.0006139	.0033298	4.6677
%RSD	1.634530	13.41899	1.917139	.1882526	.5172751	1.281449	1.952569
#1	.0050900	.0012982	73.98320	.5312522	.1185799	.2612179	236.6832
#2	.0052363	.0010360	76.65466	.5296140	.1193327	.2622740	244.4315
#3	.0052375	.0013385	74.39610	.5294458	.1181163	.2560515	236.0479

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.33477	40.52442	.3581075	.0267813	2.098628	.3725850	.1370518
Stddev	.28450	.83218	.0010735	.0002342	.499639	.0179916	.0070940
%RSD	1.984688	2.053531	.2997853	.8744724	23.80788	4.828866	5.176153
#1	14.15386	40.10449	.3575246	.0268924	2.557175	.3626244	.1303973
#2	14.66270	41.48289	.3593464	.0269394	2.172569	.3933542	.1362423
#3	14.18775	39.98586	.3574515	.0265123	1.566139	.3617765	.1445159

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8194007	2.025578	-.001206	.0009168	.3565098	.3564646	.0073899
Stddev	.1430621	.000927	.003085	.0004528	.0033308	.0098769	.0013987
%RSD	17.45935	.0457672	255.8345	49.38957	.9342887	2.770790	18.92680
#1	.8774572	2.024970	.002333	.0006361	.3557507	.3504051	.0060041
#2	.9243084	2.025120	-.002621	.0006751	.3536241	.3678618	.0088011
#3	.6564365	2.026645	-.003329	.0014392	.3601547	.3511269	.0073646

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5186-09DLX5 Acquired: 12/21/2024 15:55:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZP7 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2174562	-.002857	.0541761
Stddev	.0062939	.000390	.0016387
%RSD	2.894334	13.65007	3.024737
#1	.2193071	-.003307	.0529212
#2	.2226172	-.002635	.0560301
#3	.2104445	-.002628	.0535772

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1915.182	23662.21	2409.157	1638.582	2136.700
Stddev	6.628	72.00	62.220	4.171	6.102
%RSD	.3460752	.3042725	2.582658	.2545644	.2855654
#1	1920.937	23585.59	2434.597	1634.826	2142.869
#2	1916.674	23672.58	2338.248	1643.071	2136.563
#3	1907.936	23728.46	2454.626	1637.847	2130.668

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-20A Acquired: 12/21/2024 15:59:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0581141	.1487156	.3049780	.1254652	.0179086	67.82155
Stddev	.0020560	.0032282	.0018845	.0040123	.0015056	.42418
%RSD	3.537938	2.170745	.6179176	3.197960	8.406987	.6254338
#1	.0584775	.1488988	.3042988	.1276865	.0166521	67.35737
#2	.0559006	.1518484	.3071079	.1208335	.0195774	67.91823
#3	.0599642	.1453997	.3035272	.1278757	.0174964	68.18904

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5480218	.0068073	.0046176	276.3635	.1076193	.1129949
Stddev	.0052164	.0002126	.0000286	1.1807	.0005511	.0008143
%RSD	.9518530	3.122546	.6198978	.4272195	.5120806	.7206228
#1	.5426925	.0067360	.0046266	275.3592	.1082189	.1135995
#2	.5482554	.0070464	.0045856	276.0670	.1071350	.1120690
#3	.5531174	.0066396	.0046407	277.6641	.1075039	.1133161

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4137882	152.7098	4.279708	104.1043	.1855516	.0174340
Stddev	.0085861	1.2642	.033798	1.0438	.0003609	.0002400
%RSD	2.075006	.8278443	.7897218	1.002602	.1945240	1.376780
#1	.4219187	151.3842	4.240762	102.9040	.1858594	.0172209
#2	.4048094	152.8432	4.301347	104.6101	.1851544	.0173872
#3	.4146365	153.9020	4.297016	104.7988	.1856411	.0176940

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.254455	.1703568	1.809807	6.504877	F 11.72829	.0232380
Stddev	.380255	.0086333	.010189	.052354	.02834	.0020837
%RSD	30.31234	5.067770	.5629616	.8048441	.2416728	8.966753
#1	1.677591	.1787349	1.798051	6.472018	11.74703	.0239463
#2	1.144431	.1614892	1.815289	6.477361	11.69568	.0208925
#3	.941344	.1708464	1.816081	6.565252	11.74215	.0248752

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5008-20A Acquired: 12/21/2024 15:59:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019108	.9880235	10.59587	.0181078	1.097205	.1545242
Stddev	.0006707	.0027391	.05876	.0014182	.004186	.0008457
%RSD	35.10158	.2772293	.5545865	7.831932	.3814857	.5472873
#1	.0014356	.9871266	10.53045	.0172550	1.098207	.1535814
#2	.0016188	.9910985	10.64416	.0197449	1.092610	.1547751
#3	.0026781	.9858452	10.61301	.0173235	1.100799	.1552160

Elem	Li6707
Units	ppm
Avg	.1310216
Stddev	.0023125
%RSD	1.764963
#1	.1284436
#2	.1317084
#3	.1329129

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2214.297	27478.76	2861.737	1884.118	1958.997
Stddev	14.715	56.23	16.743	7.009	10.461
%RSD	.6645448	.2046172	.5850681	.3720148	.5340224
#1	2199.407	27461.00	2880.919	1889.420	1947.801
#2	2214.654	27541.72	2850.054	1876.172	1960.667
#3	2228.831	27433.56	2854.238	1886.763	1968.523

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5058-03A Acquired: 12/21/2024 16:03:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0639166	.1720348	.1890182	.0398200	.0062484	45.26623
Stddev	.0093607	.0025458	.0016285	.0020496	.0012094	.33191
%RSD	14.64519	1.479791	.8615356	5.147165	19.35572	.7332476
#1	.0531253	.1700232	.1875125	.0414871	.0048520	44.88297
#2	.0698457	.1748969	.1887956	.0375316	.0069609	45.45907
#3	.0687787	.1711842	.1907465	.0404411	.0069324	45.45665

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3256769	.0048310	.0037663	F 939.2472	.0638746	.1064423
Stddev	.0033007	.0000744	.0000457	8.0930	.0003802	.0003315
%RSD	1.013505	1.541032	1.214212	.8616424	.5952548	.3114478
#1	.3218810	.0047475	.0037363	930.0042	.0635100	.1066979
#2	.3272778	.0048904	.0037436	942.6765	.0638451	.1060677
#3	.3278719	.0048551	.0038189	945.0608	.0642687	.1065613

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2771955	132.2369	8.602399	243.1767	.1362876	.0146999
Stddev	.0054544	1.1858	.071902	1.8028	.0006136	.0011527
%RSD	1.967721	.8967309	.8358424	.7413474	.4502276	7.841246
#1	.2721385	130.8896	8.519601	241.2667	.1359895	.0133692
#2	.2829753	133.1218	8.649127	244.8486	.1369933	.0153875
#3	.2764727	132.6994	8.638468	243.4148	.1358801	.0153430

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.124340	.1141852	.5816987	4.712847	F 10.21692	.0452616
Stddev	.838196	.0085143	.0034621	.018147	.02007	.0029916
%RSD	39.45676	7.456595	.5951747	.3850622	.1964278	6.609629
#1	3.074216	.1046818	.5781595	4.692866	10.19593	.0418672
#2	1.488549	.1211182	.5818582	4.728305	10.21891	.0464036
#3	1.810255	.1167556	.5850783	4.717370	10.23592	.0475140

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5058-03A Acquired: 12/21/2024 16:03:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003486	1.253470	8.780712	.0188507	.9110136	.7394932
Stddev	.0007847	.002642	.031293	.0016161	.0047991	.0064174
%RSD	225.0891	.2107736	.3563796	8.573150	.5267904	.8678162
#1	.0006423	1.250468	8.789524	.0191549	.9072076	.7321714
#2	-.000541	1.255439	8.806654	.0202930	.9164048	.7441428
#3	.000944	1.254503	8.745958	.0171041	.9094285	.7421653

Elem	Li6707
Units	ppm
Avg	.0984804
Stddev	.0011880
%RSD	1.206316
#1	.0996930
#2	.0973187
#3	.0984295

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2107.300	26141.06	2806.768	1799.314	1841.800
Stddev	6.098	82.71	17.358	4.516	5.908
%RSD	.2893936	.3164069	.6184325	.2509675	.3207575
#1	2103.919	26229.07	2811.207	1800.954	1839.363
#2	2103.642	26064.94	2787.621	1794.207	1837.501
#3	2114.340	26129.16	2821.475	1802.780	1848.537

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5059-14A Acquired: 12/21/2024 16:06:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0628704	.1427475	.1498192	.0694749	.0179635	60.21460	.7263012
Stddev	.0020118	.0016899	.0019248	.0020216	.0004674	.10943	.0016641
%RSD	3.199922	1.183840	1.284742	2.909806	2.602056	.1817255	.2291243
#1	.0607226	.1446122	.1518963	.0717969	.0179410	60.19529	.7244116
#2	.0647108	.1423128	.1480958	.0685218	.0175078	60.33240	.7275485
#3	.0631780	.1413174	.1494654	.0681061	.0184418	60.11612	.7269433

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059182	.0030316	66.32907	.0785378	.0837335	.0851579	146.4228
Stddev	.0000637	.0000820	.06137	.0006765	.0004459	.0068166	.2794
%RSD	1.076936	2.704802	.0925298	.8613817	.5325556	8.004692	.1908420
#1	.0059916	.0029803	66.30611	.0779460	.0836559	.0905256	146.1390
#2	.0058760	.0031261	66.39862	.0783920	.0842131	.0774883	146.6976
#3	.0058871	.0029883	66.28249	.0792752	.0833314	.0874598	146.4319

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.932976	29.46725	.1095893	.0160628	2.184153	.1491293	.8486750
Stddev	.009307	.07897	.0002287	.0007739	.511940	.0059670	.0088384
%RSD	.1342353	.2679831	.2086460	4.817847	23.43883	4.001227	1.041430
#1	6.943308	29.40796	.1093781	.0168329	1.595737	.1509227	.8385615
#2	6.930369	29.43690	.1095578	.0152852	2.527431	.1539940	.8525472
#3	6.925251	29.55689	.1098321	.0160703	2.429290	.1424713	.8549164

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0470404	3.742729	.0175342	.0035151	.4898375	8.859172	.0095546
Stddev	.0800742	.016055	.0036365	.0000325	.0028757	.019592	.0011499
%RSD	170.2243	.4289561	20.73966	.9256478	.5870727	.2211487	12.03465
#1	.1347377	3.734234	.0165042	.0035477	.4920671	8.880095	.0105689
#2	-.022181	3.732708	.0215746	.0034827	.4908537	8.841260	.0083054
#3	.028564	3.761247	.0145237	.0035150	.4865916	8.856160	.0097896

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5059-14A Acquired: 12/21/2024 16:06:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6942662	-.045950	.0874559
Stddev	.0042637	.000296	.0024841
%RSD	.6141336	.6439192	2.840449
#1	.6937762	-.045780	.0852139
#2	.6987538	-.046292	.0870272
#3	.6902687	-.045778	.0901264

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2169.260	26797.38	2706.969	1864.380	2219.452
Stddev	5.722	42.47	10.083	4.984	5.998
%RSD	.2637838	.1585007	.3724709	.2673491	.2702455
#1	2175.836	26826.49	2695.864	1867.501	2226.246
#2	2165.411	26748.64	2709.492	1858.632	2217.218
#3	2166.534	26817.01	2715.550	1867.008	2214.891

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5061-05A Acquired: 12/21/2024 16:10:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0909374	.1627426	.2584384	.0985932	.0109286	48.40316
Stddev	.0021136	.0025161	.0003247	.0054166	.0019013	.41463
%RSD	2.324242	1.546038	.1256534	5.493837	17.39742	.8566112
#1	.0885028	.1654593	.2586720	.0961631	.0126630	47.92472
#2	.0923025	.1622759	.2585755	.1047993	.0088957	48.62693
#3	.0920069	.1604925	.2580675	.0948173	.0112269	48.65783

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7313719	.0066740	.0036634	F 848.3391	.0763265	.1083521
Stddev	.0066922	.0000983	.0001676	6.7249	.0009246	.0002190
%RSD	.9150237	1.472506	4.574874	.7927139	1.211373	.2020725
#1	.7236703	.0066104	.0034749	841.4812	.0768349	.1085508
#2	.7346741	.0066245	.0037200	848.6136	.0768854	.1083881
#3	.7357711	.0067872	.0037955	854.9226	.0752593	.1081173

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1742674	142.7301	5.458228	71.85426	.1247898	.0176291
Stddev	.0012989	.9318	.040350	.68360	.0006245	.0012576
%RSD	.7453325	.6528300	.7392418	.9513730	.5004788	7.133590
#1	.1727691	141.7683	5.417504	71.11483	.1253703	.0173058
#2	.1750743	142.7933	5.458987	71.98471	.1248701	.0190168
#3	.1749589	143.6287	5.498192	72.46324	.1241289	.0165648

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.705020	.1168209	.7511412	7.320609	3.973760	.0666294
Stddev	.393692	.0050298	.0070903	.205273	.007106	.0027167
%RSD	23.09016	4.305576	.9439386	2.804040	.1788300	4.077375
#1	1.513914	.1114919	.7592629	7.108234	3.967721	.0635790
#2	2.157787	.1214855	.7461857	7.335640	3.971969	.0675207
#3	1.443359	.1174853	.7479749	7.517954	3.981590	.0687886

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5061-05A Acquired: 12/21/2024 16:10:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000294	1.655221	8.913416	.0198118	.3679874	.6726897
Stddev	.000307	.001871	.056444	.0021003	.0082895	.0056052
%RSD	104.3944	.1130244	.6332457	10.60104	2.252669	.8332562
#1	-.000111	1.656471	8.878155	.0190994	.3653212	.6663274
#2	-.000648	1.656121	8.978517	.0221756	.3613589	.6748418
#3	-.000122	1.653070	8.883577	.0181604	.3772819	.6769000

Elem	Li6707
Units	ppm
Avg	.0845343
Stddev	.0024849
%RSD	2.939504
#1	.0829771
#2	.0874000
#3	.0832258

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2083.287	25791.63	2747.560	1780.947	1901.916
Stddev	2.741	90.20	17.191	9.818	1.043
%RSD	.1315653	.3497237	.6257006	.5512904	.0548346
#1	2086.452	25728.30	2750.910	1770.346	1902.209
#2	2081.732	25751.69	2728.940	1782.766	1900.757
#3	2081.677	25894.90	2762.829	1789.728	1902.781

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-16A Acquired: 12/21/2024 16:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2989473	-.427455	9.179593	.7294495	.3590258	49.67578
Stddev	.0053511	.004495	.003432	.0095152	.0022473	.26561
%RSD	1.789995	1.051665	.0373870	1.304442	.6259550	.5346899
#1	.2959104	-.432621	9.183431	.7379534	.3601938	49.93806
#2	.2958054	-.424425	9.178527	.7312227	.3604486	49.40696
#3	.3051259	-.425320	9.176820	.7191724	.3564350	49.68234

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.404667	.0341999	.0522126	494.2819	6.865216	.1544112
Stddev	.006950	.0003271	.0001904	2.6615	.005720	.0005595
%RSD	.4947740	.9562921	.3647055	.5384496	.0833162	.3623728
#1	1.412371	.0345096	.0521245	495.5831	6.863866	.1537656
#2	1.398867	.0338579	.0520821	491.2201	6.860291	.1547563
#3	1.402764	.0342322	.0524311	496.0423	6.871490	.1547117

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5893515	F 1438.855	F 52.88132	90.17461	3.907236	.1881395
Stddev	.0106739	5.091	.22962	.37992	.005251	.0008842
%RSD	1.811121	.3537988	.4342110	.4213162	.1343992	.4699883
#1	.5770532	1443.721	53.11209	90.58067	3.912414	.1888581
#2	.5947974	1433.566	52.65287	89.82779	3.907380	.1884084
#3	.5962040	1439.278	52.87901	90.11537	3.901914	.1871520

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.731582	.3166217	23.42104	5.543989	4.987396	.1910266
Stddev	.288403	.0033543	.17897	.022802	.011685	.0030424
%RSD	5.031818	1.059388	.7641321	.4112844	.2343003	1.592643
#1	6.024786	.3165778	23.25865	5.542543	4.974743	.1945347
#2	5.448233	.3199977	23.39156	5.567480	4.997782	.1891118
#3	5.721728	.3132897	23.61292	5.521945	4.989662	.1894333

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: P5154-16A Acquired: 12/21/2024 16:14:42 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1373733	8.999647	16.01196	.1935849	2.423564	-.694561
Stddev	.0008064	.013159	.09650	.0001215	.009282	.001695
%RSD	.5869994	.1462162	.6026710	.0627542	.3829898	.2440714
#1	.1366749	8.991489	16.12337	.1937134	2.432500	-.695495
#2	.1371891	8.992623	15.95804	.1935697	2.413971	-.692604
#3	.1382558	9.014827	15.95448	.1934718	2.424221	-.695584

Elem	Li6707
Units	ppm
Avg	.0546382
Stddev	.0050763
%RSD	9.290796
#1	.0595687
#2	.0494276
#3	.0549181

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1855.702	23730.04	2506.055	1587.980	2137.999
Stddev	9.718	123.77	11.160	12.474	5.149
%RSD	.5236767	.5215763	.4453181	.7855209	.2408286
#1	1863.241	23850.16	2494.988	1599.550	2143.000
#2	1859.132	23737.05	2517.306	1589.624	2138.283
#3	1844.735	23602.92	2505.869	1574.766	2132.714

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV096 Acquired: 12/21/2024 16:18:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.829065	4.609232	23.47385	4.603190	4.518355	389.2245	9.911465
Stddev	.007361	.012370	.06397	.005528	.011660	1.9791	.043838
%RSD	.1524360	.2683658	.2724998	.1200824	.2580475	.5084711	.4422927
#1	4.821626	4.599704	23.42095	4.597409	4.515603	387.2843	9.864592
#2	4.836346	4.604781	23.45566	4.603740	4.508318	389.1489	9.918350
#3	4.829224	4.623211	23.54494	4.608423	4.531145	391.2403	9.951453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4989871	2.375366	397.5003	14.50798	2.294509	14.66672	396.4242
Stddev	.0038256	.005767	.9858	.01520	.004760	.06836	2.0222
%RSD	.7666696	.2427888	.2479957	.1047806	.2074416	.4660852	.5101029
#1	.4967079	2.370230	396.6584	14.49652	2.291278	14.60848	394.3004
#2	.4968496	2.374263	397.2579	14.52523	2.292274	14.64968	396.6458
#3	.5034037	2.381605	398.5847	14.50220	2.299974	14.74198	398.3265

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.44003	391.8676	2.376726	1.252896	411.1700	2.441870	13.77008
Stddev	.04719	2.1959	.007824	.003189	1.7284	.021387	.10296
%RSD	.3267663	.5603584	.3292053	.2545079	.4203734	.8758540	.7477205
#1	14.38565	389.3576	2.369248	1.249734	409.1744	2.434452	13.67449
#2	14.47014	392.8114	2.376074	1.252844	412.1934	2.425180	13.87910
#3	14.46430	393.4337	2.384856	1.256110	412.1422	2.465979	13.75667

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	149.6448	4.692380	4.695868	4.579078	4.607966	4.781910	4.543461
Stddev	.4837	.011416	.039070	.016061	.019638	.030698	.003527
%RSD	.3232050	.2432833	.8320161	.3507382	.4261720	.6419636	.0776235
#1	149.1072	4.691609	4.673155	4.570740	4.607685	4.770939	4.539893
#2	149.7827	4.681370	4.673468	4.568902	4.588470	4.758205	4.543543
#3	150.0446	4.704162	4.740983	4.597593	4.627743	4.816586	4.546945

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCV096 Acquired: 12/21/2024 16:18:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV096 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	4.897826	4.660981	5.210201
Stddev	.019264	.024823	.017569
%RSD	.3933111	.5325635	.3372049
#1	4.878086	4.635017	5.189946
#2	4.898816	4.663447	5.221321
#3	4.916576	4.684478	5.219335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1577.288	20834.48	2250.249	1346.156	1799.617
Stddev	4.036	181.08	4.575	10.130	2.690
%RSD	.2558951	.8691523	.2032928	.7525502	.1494978
#1	1578.228	20808.91	2252.720	1350.145	1801.334
#2	1580.771	20667.54	2244.970	1334.638	1801.001
#3	1572.864	21026.99	2253.057	1353.685	1796.517

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB096 Acquired: 12/21/2024 16:22:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0052173	.0004048	.0054219	-.000901	-.002796	.0096394
Stddev	.0010837	.0016623	.0012669	.002582	.001622	.0005338
%RSD	20.77162	410.6938	23.36650	286.4304	58.02541	5.537900
#1	.0051308	.0008188	.0058775	.001895	-.003396	.0102294
#2	.0063416	-.001425	.0063980	-.001405	-.004033	.0094986
#3	.0041794	.001821	.0039902	-.003194	-.000959	.0091900

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000316	.0001525	.0002788	-.022461	.0003589	.0004623
Stddev	.000896	.0000451	.0000558	.044386	.0005223	.0001022
%RSD	283.8007	29.59377	20.00456	197.6127	145.5404	22.11171
#1	.000475	.0001062	.0002968	.021464	-.000228	.0005089
#2	-.001289	.0001964	.0003233	-.067294	.000530	.0005328
#3	-.000133	.0001548	.0002162	-.021553	.000774	.0003450

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.011108	.0446283	.0018738	.1158933	.0005253	-.000222
Stddev	.004654	.0173174	.0005985	.0740332	.0001242	.000657
%RSD	41.89775	38.80355	31.94033	63.88051	23.63703	296.5260
#1	-.016375	.0526213	.0021897	.0530522	.0004415	.000178
#2	-.007550	.0565057	.0011835	.0971225	.0004664	-.000981
#3	-.009400	.0247581	.0022482	.1975051	.0006679	.000137

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.717104	-.013884	.0100516	-.655952	-.005913	.0142864
Stddev	.551297	.001951	.0054895	.112767	.000496	.0018217
%RSD	32.10618	14.05435	54.61271	17.19127	8.386392	12.75149
#1	2.263020	-.011665	.0045010	-.768599	-.005382	.0139144
#2	1.727712	-.014656	.0154778	-.656192	-.006363	.0162654
#3	1.160580	-.015331	.0101762	-.543067	-.005995	.0126793

Reviewed By:kareem
On:12/27/2024 8:22:17 PM
Inst Id :P5

Sample Name: CCB096 Acquired: 12/21/2024 16:22:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v36) 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	.0007638	-.009034	-.002735	F -.013343	-.001358	.0001123
Stddev	.0005322	.002571	.001262	.002292	.001081	.0000861
%RSD	69.67098	28.45932	46.15826	17.17680	79.60148	76.73312
#1	.0008593	-.011313	-.002042	-.012008	-.000281	.0000146
#2	.0012417	-.009542	-.004192	-.012031	-.001351	.0001775
#3	.0001904	-.006247	-.001971	-.015989	-.002443	.0001447

Elem	Li6707
Units	ppm
Avg	.0125539
Stddev	.0030128
%RSD	23.99926
#1	.0101293
#2	.0159268
#3	.0116056

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1872.173	23150.59	2319.767	1604.492	2221.288
Stddev	4.551	99.89	7.428	6.417	5.622
%RSD	.2430832	.4314991	.3202016	.3999258	.2531016
#1	1874.830	23211.36	2321.353	1611.197	2223.381
#2	1874.770	23205.11	2311.675	1603.872	2225.563
#3	1866.918	23035.30	2326.275	1598.409	2214.919