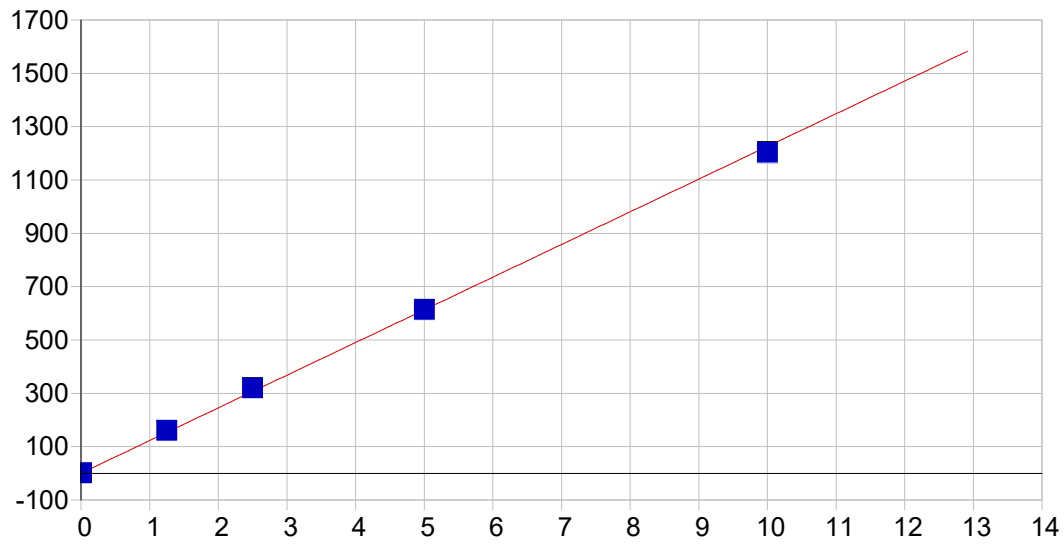
Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



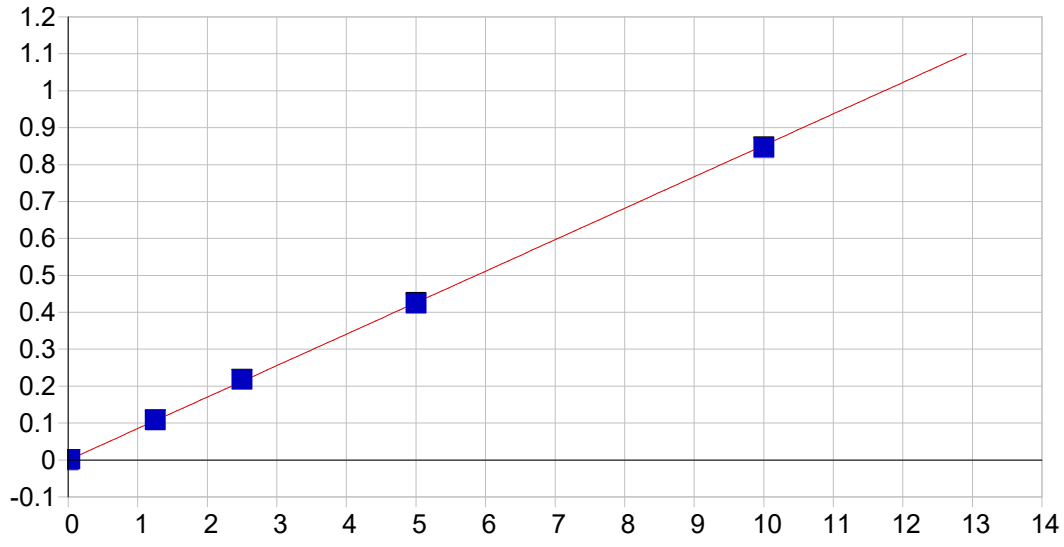
As 189.042 {478}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.252890	Re-Slope:	1.000000
A1 (Gain):	122.545759	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999695	Status:	OK.
Std Error of Est:	0.050564		
Predicted MDL:	0.006351		
Predicted MQL:	0.021170		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.25274	.438	1
S1	.01000	.01042	.000	4.25	1.5287	.446	1
S2	1.2500	1.3086	.059	4.68	159.97	.747	1
S3	2.5000	2.6132	.113	4.53	319.21	1.28	1
S4	5.0000	5.0131	.013	.263	612.02	.407	1
S5	10.000	9.8146	-.185	-1.85	1197.8	3.76	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



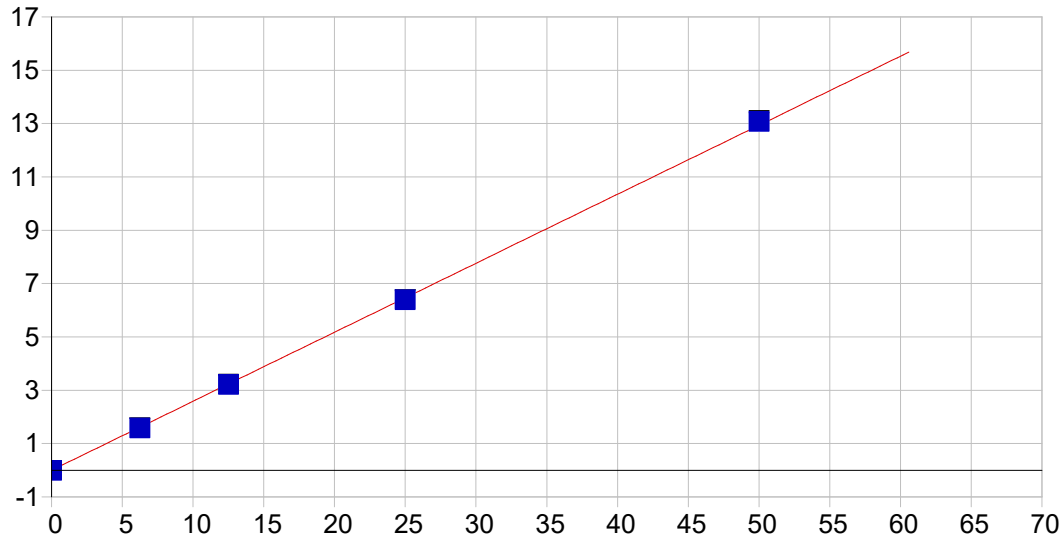
Tl 190.856 {477}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000092	Re-Slope:	1.000000
A1 (Gain):	0.085228	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999934	Status:	OK.
Std Error of Est:	0.000026		
Predicted MDL:	0.003033		
Predicted MQL:	0.010109		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00009	.000	1
S1	.02500	.02626	.001	5.05	.00207	.000	1
S2	1.2500	1.2715	.022	1.72	.10800	.001	1
S3	2.5000	2.5614	.061	2.46	.21766	.001	1
S4	5.0000	4.9848	-.015	-.303	.42366	.002	1
S5	10.000	9.9310	-.069	-.690	.84411	.002	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



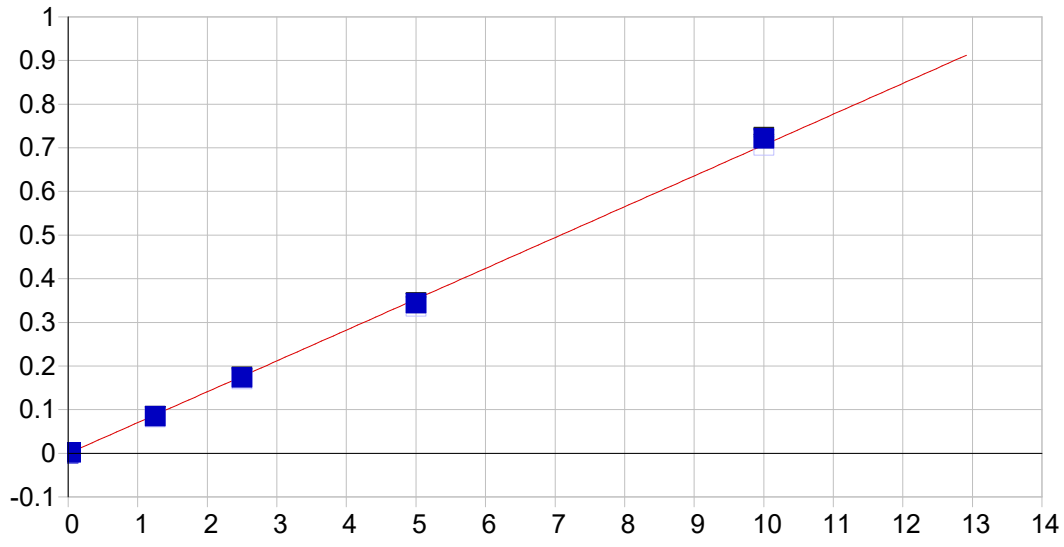
Pb 220.353 {453}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000209	Re-Slope:	1.000000
A1 (Gain):	0.258740	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999925	Status:	OK.
Std Error of Est:	0.000119		
Predicted MDL:	0.002456		
Predicted MQL:	0.008186		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00021	.000	1
S1	.01000	.00750	-.002	-25.0	.00172	.000	1
S2	6.2500	6.1116	-.138	-2.21	1.5793	.008	1
S3	12.500	12.419	-.081	-.646	3.2097	.012	1
S4	25.000	24.683	-.317	-1.27	6.3793	.021	1
S5	50.000	50.538	.538	1.08	13.062	.034	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



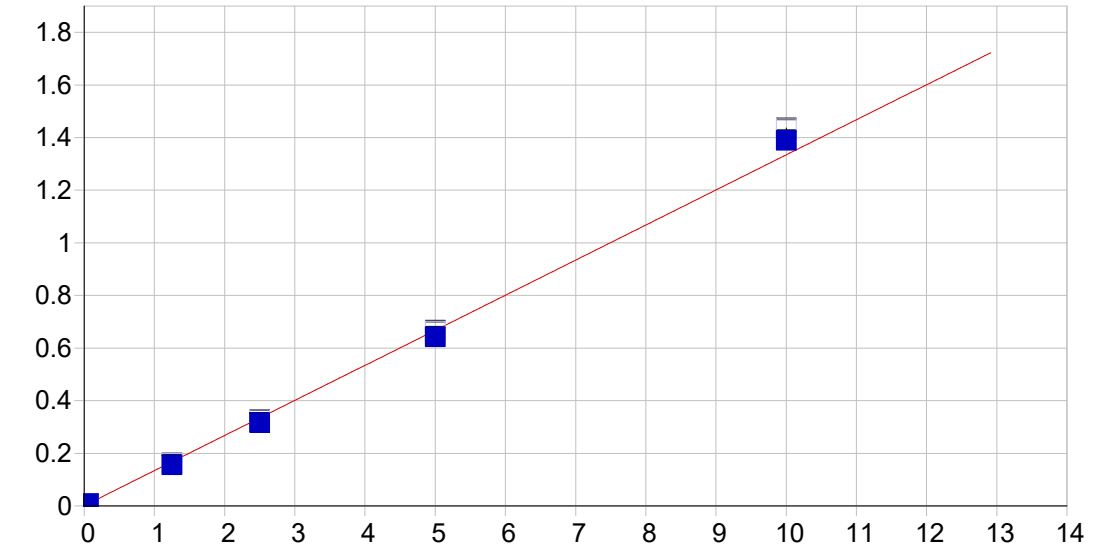
Se 196.090 {472}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000344	Re-Slope:	1.000000
A1 (Gain):	0.070665	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999718	Status:	OK.
Std Error of Est:	0.000052		
Predicted MDL:	0.004164		
Predicted MQL:	0.013880		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00034	.000	1
S1	.03500	.03700	.002	5.71	.00227	.000	1
S2	1.2500	1.2031	-.047	-3.75	.08268	.000	1
S3	2.5000	2.4608	-.039	-1.57	.16958	.001	1
S4	5.0000	4.8734	-.127	-2.53	.33608	.001	1
S5	10.000	10.211	.211	2.11	.70529	.003	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



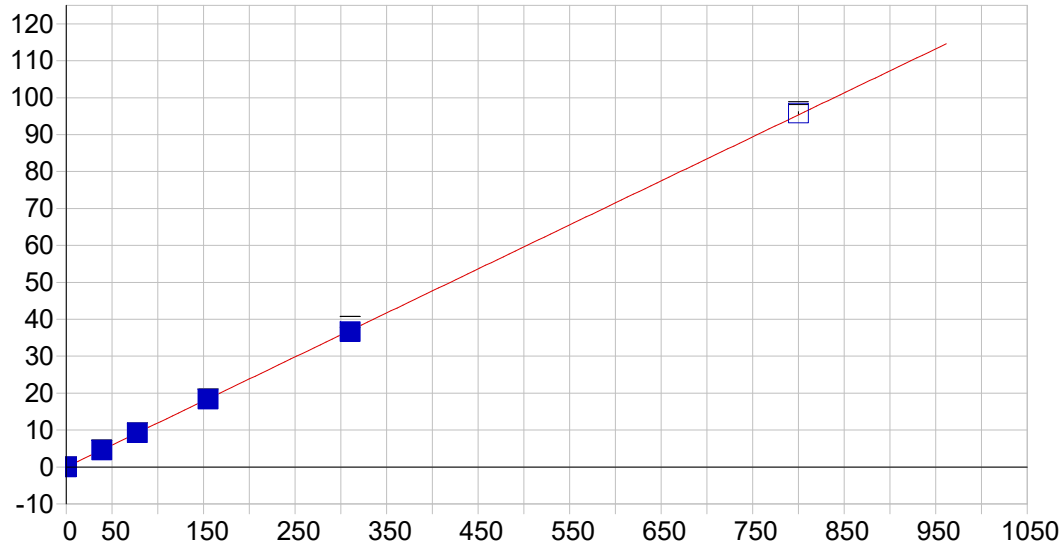
Sb 206.833 {463}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000602	Re-Slope:	1.000000
A1 (Gain):	0.133361	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999083	Status:	OK.
Std Error of Est:	0.000243		
Predicted MDL:	0.002845		
Predicted MQL:	0.009484		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00060	.000	1
S1	.06000	.05719	-.003	-4.68	.00823	.000	1
S2	1.2500	1.1644	-.086	-6.85	.16146	.001	1
S3	2.5000	2.3690	-.131	-5.24	.32767	.001	1
S4	5.0000	4.8099	-.190	-3.80	.66434	.003	1
S5	10.000	10.410	.410	4.10	1.4334	.003	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



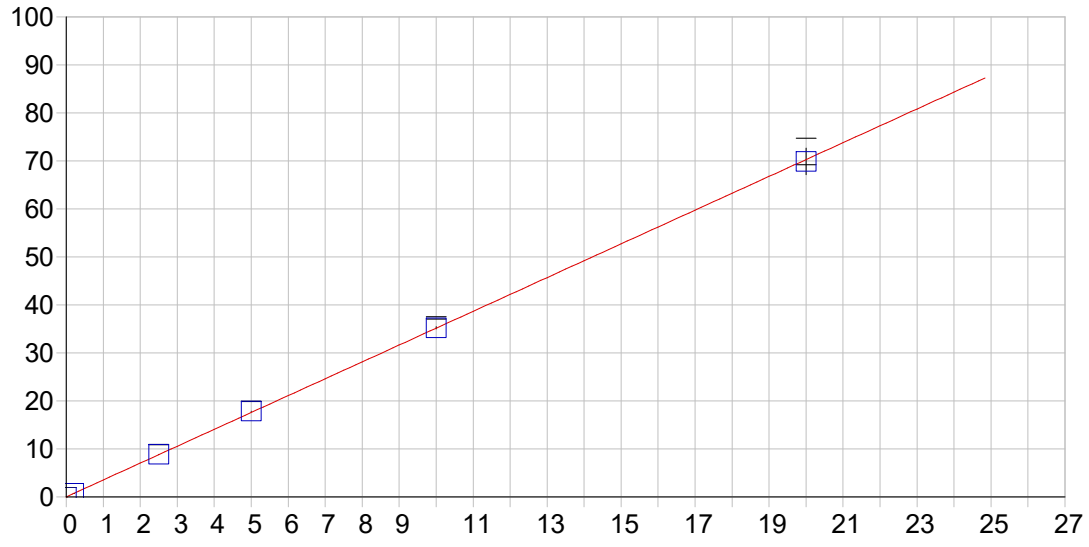
Al 396.152 { 85}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002562	Re-Slope:	1.000000
A1 (Gain):	0.119186	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999979	Status:	OK.
Std Error of Est:	0.000482		
Predicted MDL:	0.020823		
Predicted MQL:	0.069409		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00257	.001	1
S1	.20000	.23652	.037	18.3	.02567	.003	1
S2	38.750	38.425	-.325	-.839	4.5822	.016	1
S3	77.500	77.676	.176	.227	9.2653	.009	1
S4	155.00	154.10	-.902	-.582	18.384	.133	1
S5	310.00	307.20	-2.80	-.902	36.652	1.47	1
S6	800.00	803.82	3.82	.477	95.801	.388	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



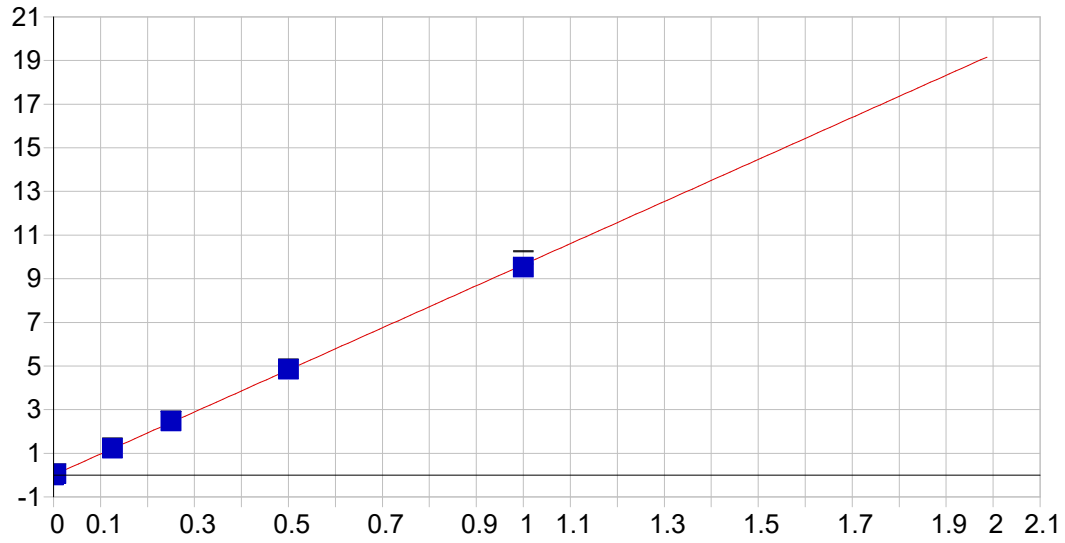
Ba 493.409 { 68}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.021485	Re-Slope:	1.000000
A1 (Gain):	3.513147	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999969	Status:	OK.
Std Error of Est:	0.002928		
Predicted MDL:	0.001251		
Predicted MQL:	0.004171		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.02144	.005	1
S1	.20000	.21023	.010	5.11	.76004	.006	1
S2	2.5000	2.5135	.014	.541	8.8518	.028	1
S3	5.0000	5.0711	.071	1.42	17.837	.054	1
S4	10.000	10.021	.021	.207	35.226	.246	1
S5	20.000	19.884	-.116	-.578	69.878	2.77	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



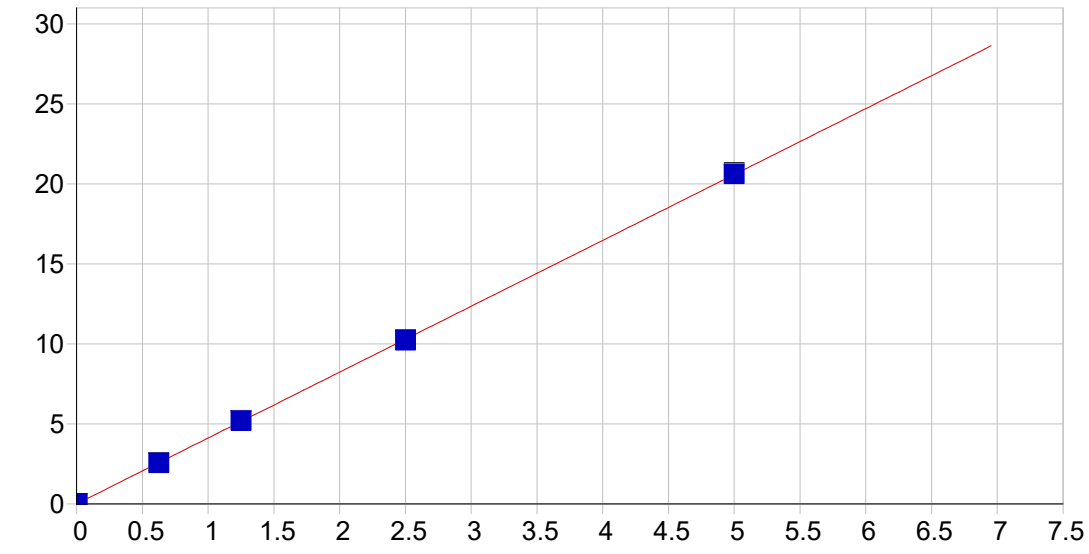
Be 234.861 {144}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000787	Re-Slope:	1.000000
A1 (Gain):	9.643371	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999909	Status:	OK.
Std Error of Est:	0.000486		
Predicted MDL:	0.000125		
Predicted MQL:	0.000418		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00078	.001	1
S1	.00500	.00535	.000	7.08	.05238	.002	1
S2	.12500	.12700	.002	1.60	1.2200	.012	1
S3	.25000	.25592	.006	2.37	2.4576	.009	1
S4	.50000	.50290	.003	.580	4.8283	.009	1
S5	1.0000	.98883	-.011	-1.12	9.4921	.283	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



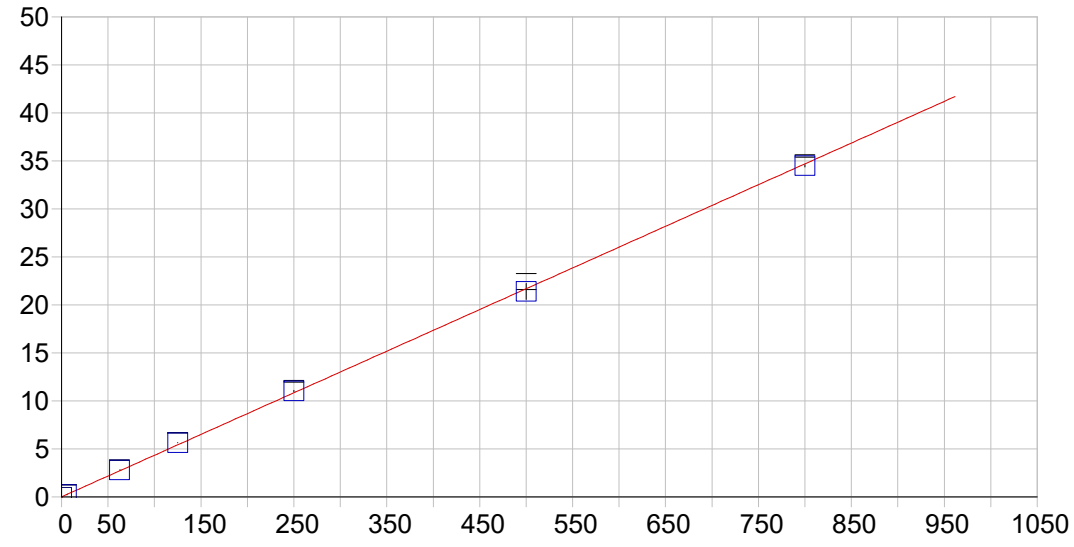
Cd 214.438 {457}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000718	Re-Slope:	1.000000
A1 (Gain):	4.117424	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999987	Status:	OK.
Std Error of Est:	0.000180		
Predicted MDL:	0.000104		
Predicted MQL:	0.000347		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00072	.000	1
S1	.00500	.00487	-.000	-2.63	.02084	.000	1
S2	.62500	.62186	-.003	-.503	2.5651	.015	1
S3	1.2500	1.2619	.012	.953	5.2045	.022	1
S4	2.5000	2.4835	-.016	-.659	10.242	.038	1
S5	5.0000	5.0078	.008	.157	20.652	.051	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



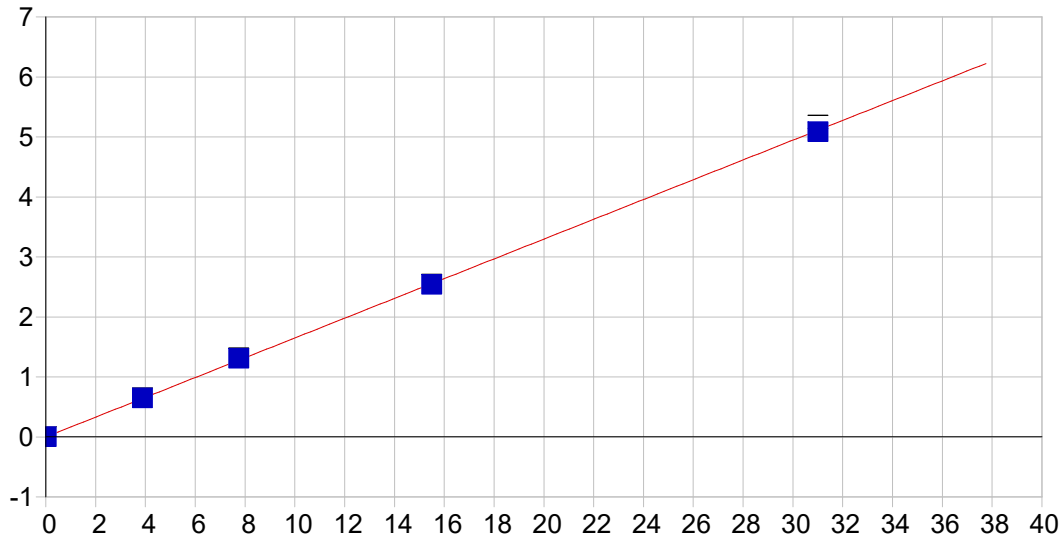
Ca 373.690 { 90}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.004512	Re-Slope:	1.000000
A1 (Gain):	0.043360	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999866	Status:	OK.
Std Error of Est:	0.002480		
Predicted MDL:	0.043090		
Predicted MQL:	0.143633		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00065	-.001	.000	.00448	.001	1
S1	5.0000	5.3035	.304	6.07	.23447	.004	1
S2	62.500	64.409	1.91	3.05	2.7973	.006	1
S3	125.00	130.14	5.14	4.11	5.6475	.010	1
S4	250.00	254.00	4.00	1.60	11.018	.083	1
S5	500.00	493.41	-6.59	-1.32	21.399	.820	1
S6	800.00	795.23	-4.77	-.596	34.486	.128	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



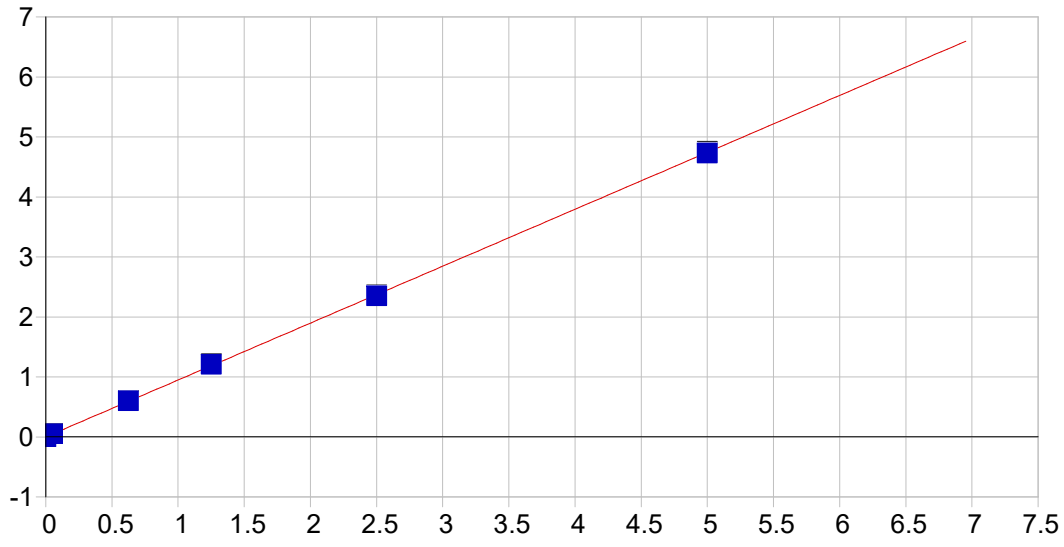
Cr 267.716 {126}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000035	Re-Slope:	1.000000
A1 (Gain):	0.164858	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999940	Status:	OK.
Std Error of Est:	0.000053		
Predicted MDL:	0.001010		
Predicted MQL:	0.003365		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00004	.000	1
S1	.01000	.01096	.001	9.64	.00177	.000	1
S2	3.8750	3.9305	.055	1.43	.64843	.001	1
S3	7.7500	7.9426	.193	2.49	1.3104	.003	1
S4	15.500	15.413	-.087	-.563	2.5429	.001	1
S5	31.000	30.838	-.162	-.522	5.0878	.110	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



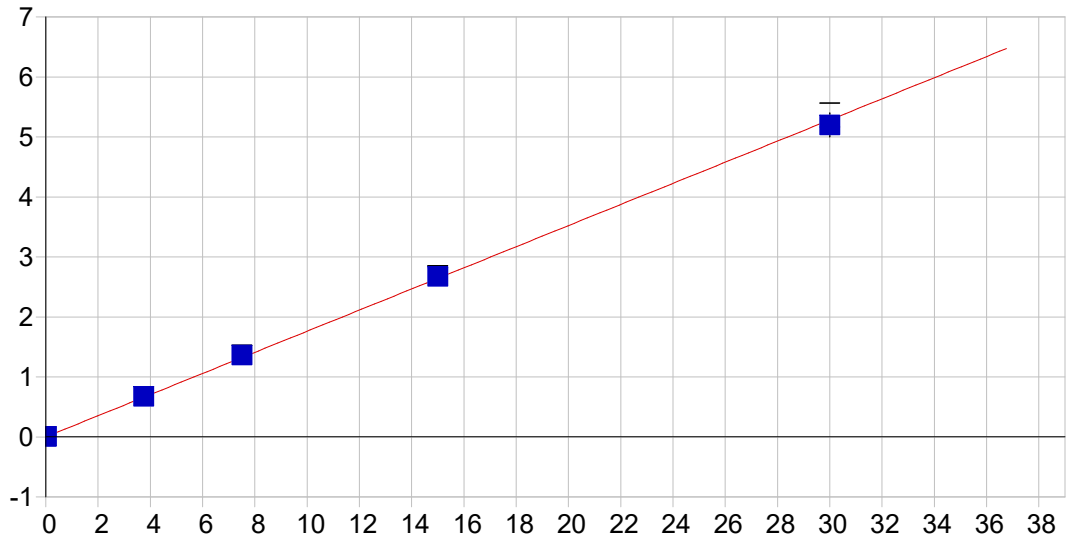
Co 228.616 {448}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000076	Re-Slope:	1.000000
A1 (Gain):	0.948499	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999946	Status:	OK.
Std Error of Est:	0.000264		
Predicted MDL:	0.000454		
Predicted MQL:	0.001514		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00008	.000	1
S1	.05000	.05288	.003	5.77	.05024	.000	1
S2	.62500	.63501	.010	1.60	.60414	.004	1
S3	1.2500	1.2741	.024	1.93	1.2123	.006	1
S4	2.5000	2.4780	-.022	-.881	2.3579	.009	1
S5	5.0000	4.9850	-.015	-.300	4.7435	.015	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



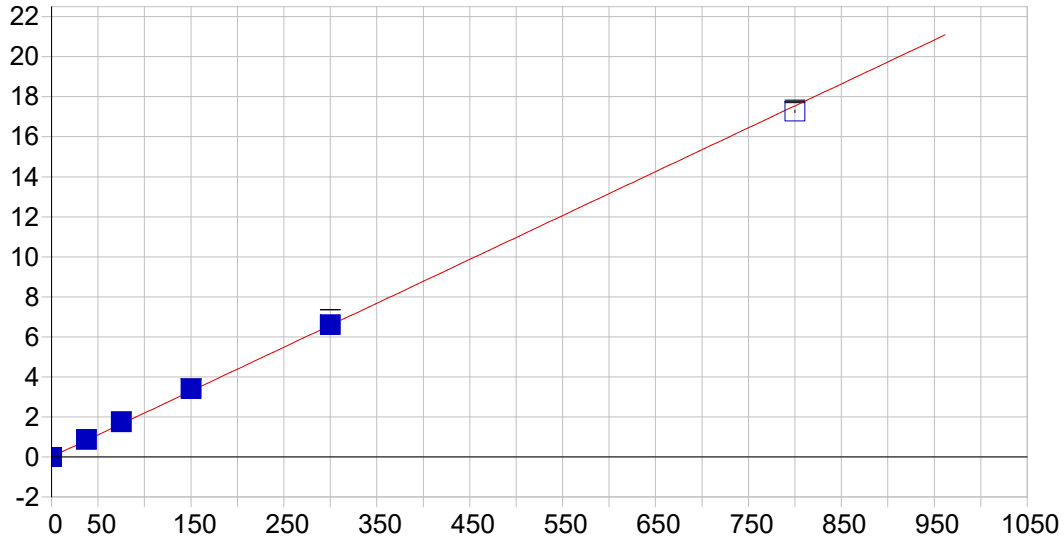
Cu 324.754 {104}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.001515	Re-Slope:	1.000000
A1 (Gain):	0.176029	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999843	Status:	OK.
Std Error of Est:	0.000143		
Predicted MDL:	0.006898		
Predicted MQL:	0.022993		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00151	.002	1
S1	.02500	.02495	-.000	-.201	.00590	.001	1
S2	3.7500	3.8152	.065	1.74	.67302	.002	1
S3	7.5000	7.7320	.232	3.09	1.3624	.002	1
S4	15.000	15.172	.172	1.15	2.6719	.017	1
S5	30.000	29.531	-.469	-1.56	5.1992	.200	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



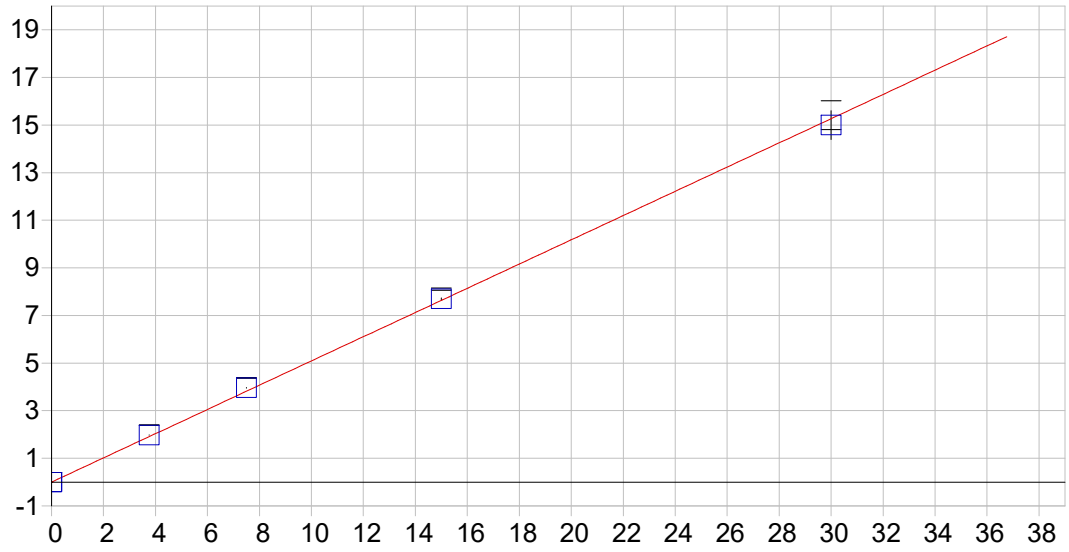
Fe 259.837 {130}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000071	Re-Slope:	1.000000
A1 (Gain):	0.021930	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999732	Status:	OK.
Std Error of Est:	0.000222		
Predicted MDL:	0.033807		
Predicted MQL:	0.112691		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00003	-.000	.000	-.00007	.000	1
S1	.10000	.11524	.015	15.2	.00246	.000	1
S2	37.500	39.470	1.97	5.25	.86569	.005	1
S3	75.000	79.416	4.42	5.89	1.7419	.002	1
S4	150.00	155.10	5.10	3.40	3.4021	.020	1
S5	300.00	300.79	.791	.264	6.5978	.261	1
S6	800.00	787.70	-12.3	-1.54	17.274	.064	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



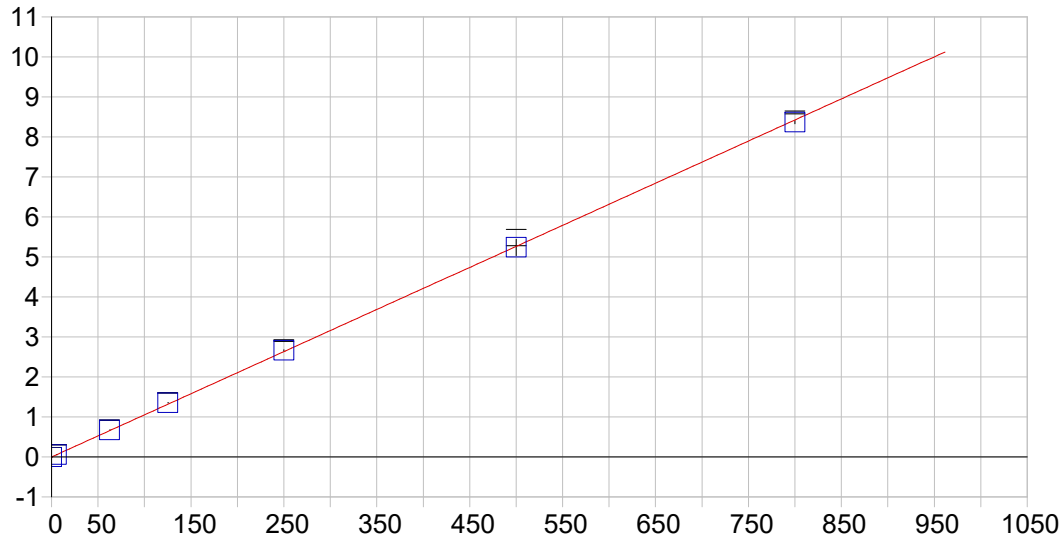
Mn 257.610 {131}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000535	Re-Slope:	1.000000
A1 (Gain):	0.509038	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999763	Status:	OK.
Std Error of Est:	0.000394		
Predicted MDL:	0.001300		
Predicted MQL:	0.004332		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00054	.000	1
S1	.01500	.01851	.004	23.4	.00889	.001	1
S2	3.7500	3.8834	.133	3.56	1.9763	.006	1
S3	7.5000	7.7832	.283	3.78	3.9614	.012	1
S4	15.000	15.114	.114	.762	7.6932	.050	1
S5	30.000	29.466	-.534	-1.78	14.999	.607	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



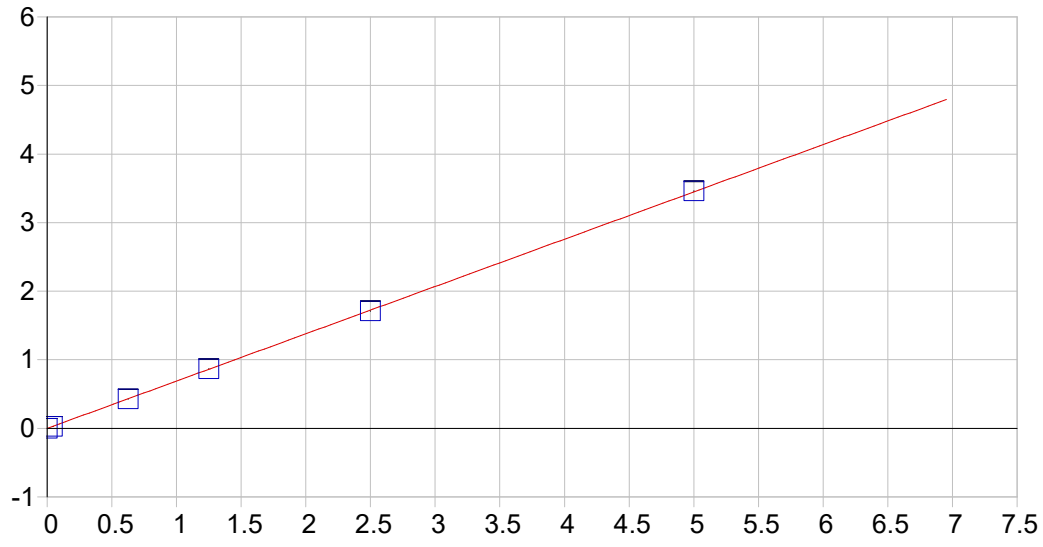
Mg 279.079 {121}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000631	Re-Slope:	1.000000
A1 (Gain):	0.010529	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999931	Status:	OK.
Std Error of Est:	0.000430		
Predicted MDL:	0.073338		
Predicted MQL:	0.244461		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00064	-.001	.000	-.00064	.000	1
S1	5.0000	5.3891	.389	7.78	.05611	.001	1
S2	62.500	64.015	1.51	2.42	.67340	.001	1
S3	125.00	128.39	3.39	2.72	1.3513	.001	1
S4	250.00	252.72	2.72	1.09	2.6603	.018	1
S5	500.00	497.44	-2.56	-.511	5.2371	.204	1
S6	800.00	794.54	-5.46	-.682	8.3653	.038	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



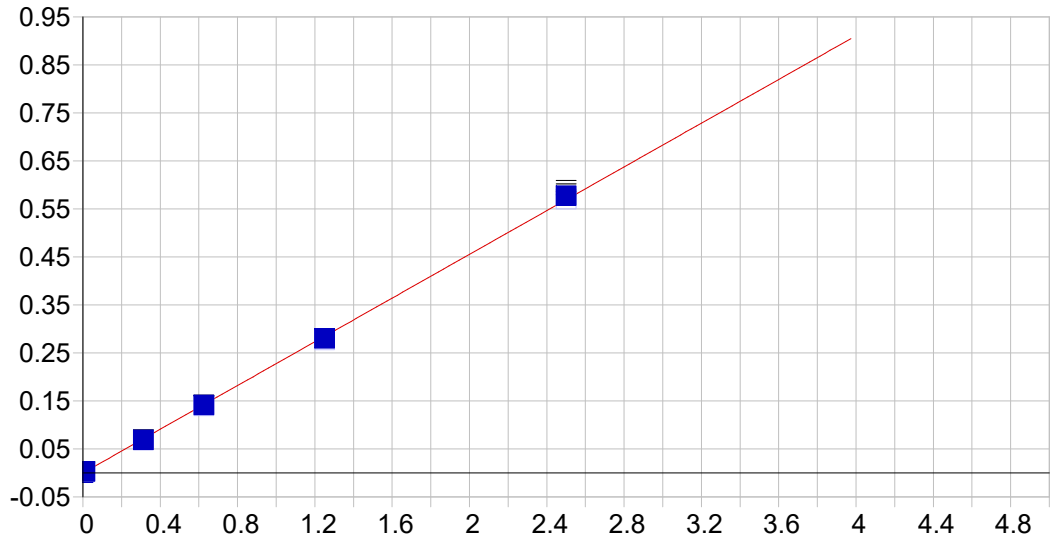
Ni 231.604 {446}

Date of Fit: 12/18/2024 12:02:49 Type of Fit: Linear Weighting: 1/Conc

A0 (Offset):	-0.000524	Re-Slope:	1.000000
A1 (Gain):	0.689715	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000097		
Predicted MDL:	0.000699		
Predicted MQL:	0.002329		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00052	.000	1
S1	.04000	.04024	.000	.609	.02723	.000	1
S2	.62500	.61849	-.007	-1.04	.42606	.002	1
S3	1.2500	1.2593	.009	.743	.86802	.004	1
S4	2.5000	2.4811	-.019	-.757	1.7107	.005	1
S5	5.0000	5.0159	.016	.318	3.4590	.008	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



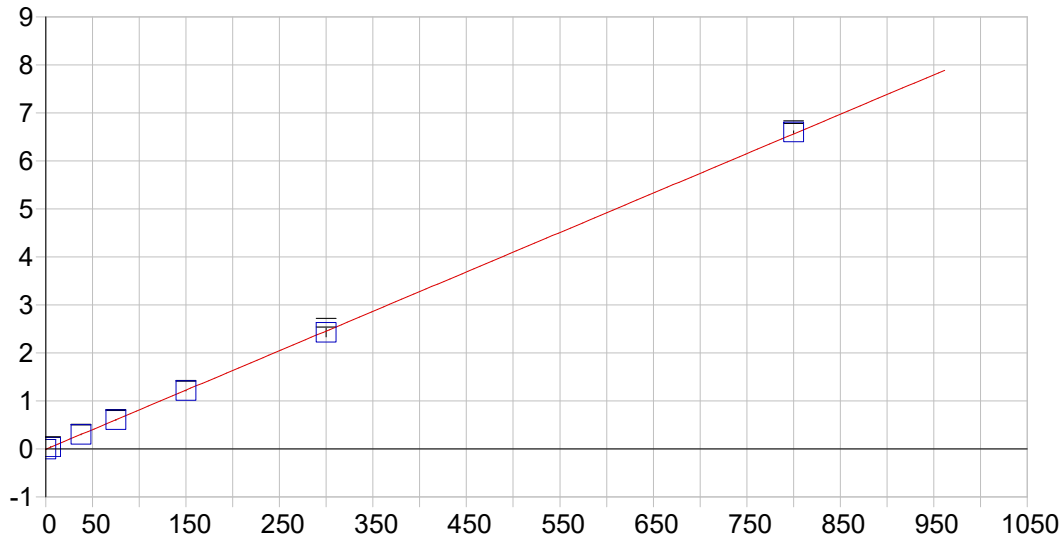
Ag 328.068 {103}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000067	Re-Slope:	1.000000
A1 (Gain):	0.227693	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999858	Status:	OK.
Std Error of Est:	0.000032		
Predicted MDL:	0.001147		
Predicted MQL:	0.003822		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	-.00007	.000	1
S1	.01000	.01097	.001	9.68	.00243	.000	1
S2	.31250	.30192	-.011	-3.38	.06782	.000	1
S3	.62500	.62023	-.005	-.763	.13945	.000	1
S4	1.2500	1.2296	-.020	-1.63	.27650	.000	1
S5	2.5000	2.5347	.035	1.39	.57024	.011	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



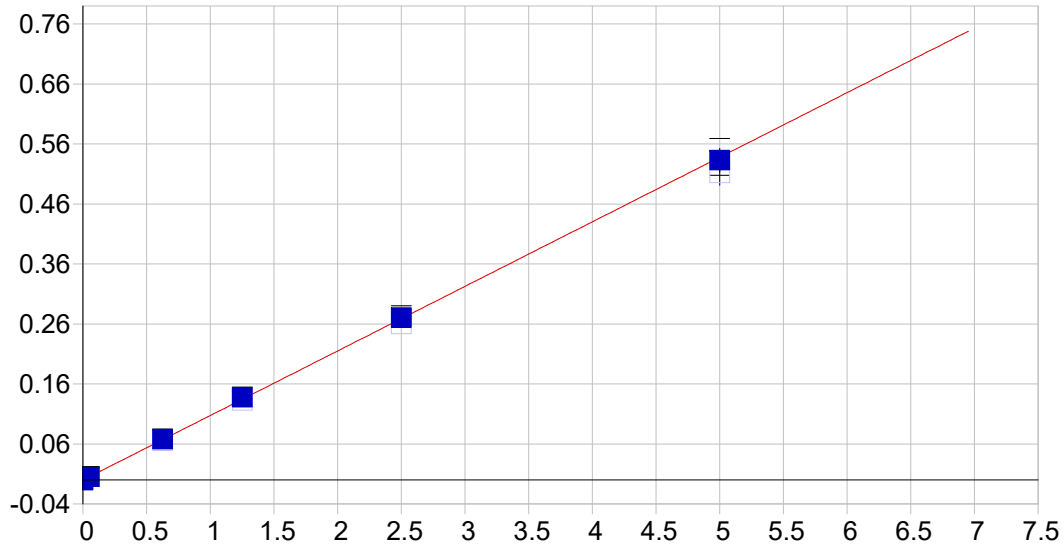
Na 818.326 { 41}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.007954	Re-Slope:	1.000000
A1 (Gain):	0.008212	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999921	Status:	OK.
Std Error of Est:	0.000319		
Predicted MDL:	0.650532		
Predicted MQL:	2.168441		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00069	-.001	.000	-.00796	.004	1
S1	5.0000	5.7999	.800	16.0	.03967	.005	1
S2	37.500	37.470	-.030	-.081	.29974	.008	1
S3	75.000	74.524	-.476	-.634	.60403	.010	1
S4	150.00	148.75	-1.25	-.834	1.2135	.009	1
S5	300.00	296.27	-3.73	-1.24	2.4250	.089	1
S6	800.00	804.69	4.69	.586	6.6000	.026	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



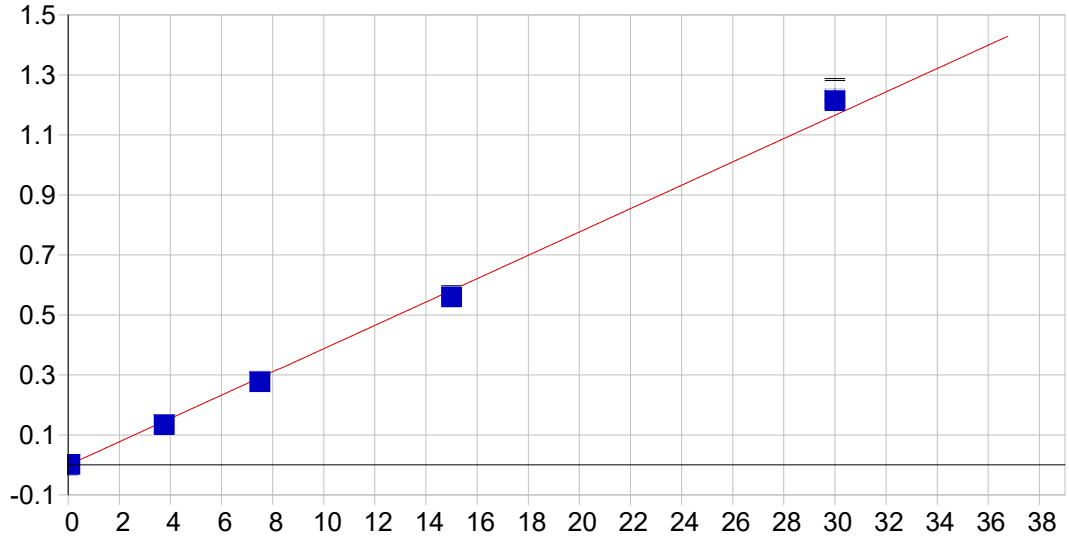
V 292.402 {115}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.000263	Re-Slope:	1.000000
A1 (Gain):	0.107625	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999897	Status:	OK.
Std Error of Est:	0.000039		
Predicted MDL:	0.008696		
Predicted MQL:	0.028988		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00026	.001	1
S1	.05000	.04521	-.005	-9.58	.00459	.001	1
S2	.62500	.63065	.006	.904	.06492	.001	1
S3	1.2500	1.2807	.031	2.45	.13218	.001	1
S4	2.5000	2.5150	.015	.599	.25963	.003	1
S5	5.0000	4.9537	-.046	-.927	.51131	.020	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



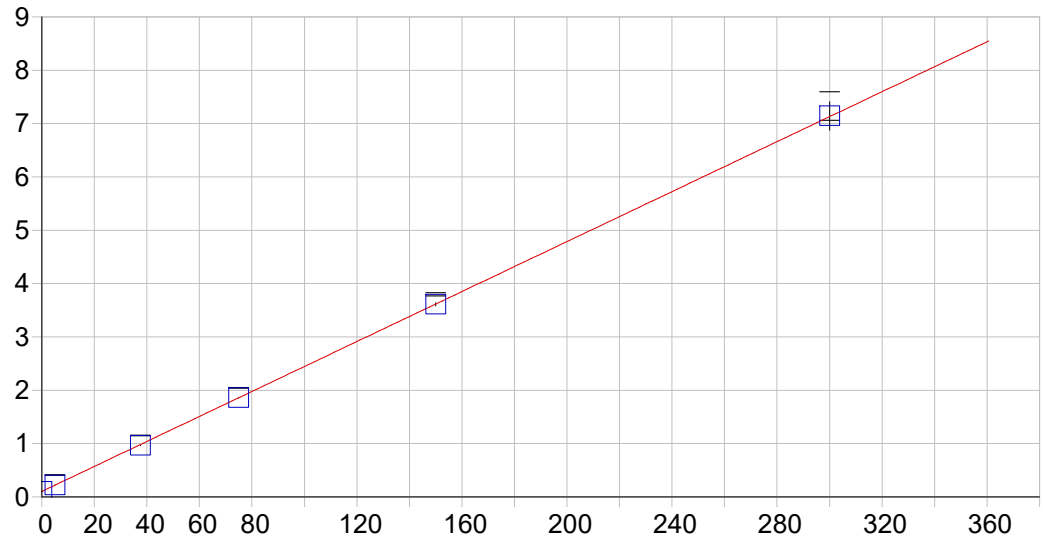
Zn 213.856 {158}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.001150	Re-Slope:	1.000000
A1 (Gain):	0.038905	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.998980	Status:	OK.
Std Error of Est:	0.000126		
Predicted MDL:	0.010309		
Predicted MQL:	0.034364		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00002	.000	.000	-.00115	.001	1
S1	.06000	.05141	-.009	-14.3	.00086	.000	1
S2	3.7500	3.4623	-.288	-7.67	.13426	.001	1
S3	7.5000	7.1329	-.367	-4.89	.27778	.001	1
S4	15.000	14.414	-.586	-3.90	.56249	.002	1
S5	30.000	31.249	1.25	4.16	1.2203	.034	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



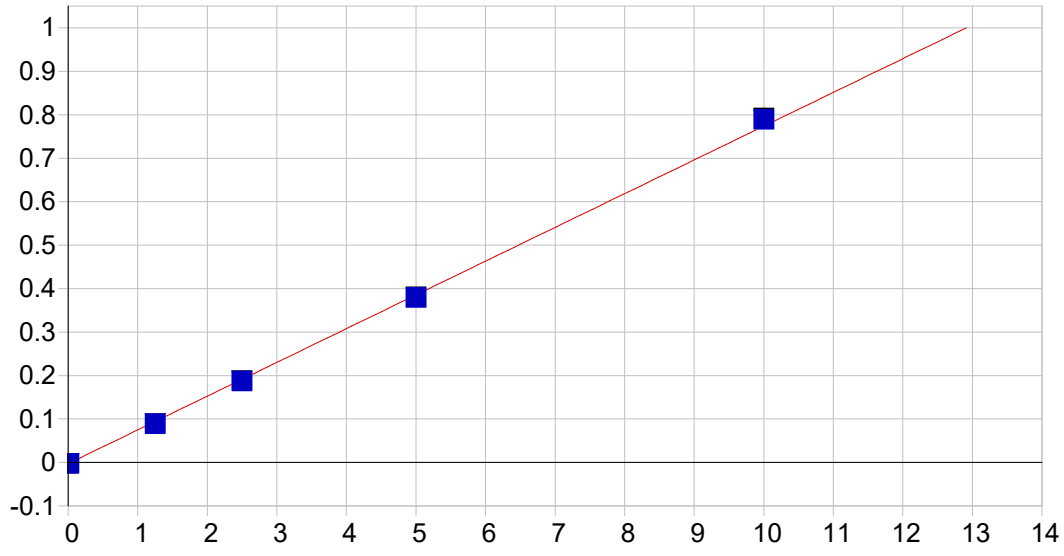
K 769.896 { 44}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.103060	Re-Slope:	1.000000
A1 (Gain):	0.023421	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999982	Status:	OK.
Std Error of Est:	0.000293		
Predicted MDL:	0.161262		
Predicted MQL:	0.537540		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00011	-.000	.000	.10306	.003	1
S1	5.0000	5.1888	.189	3.78	.22459	.002	1
S2	37.500	36.835	-.665	-1.77	.96579	.004	1
S3	75.000	75.063	.063	.084	1.8611	.006	1
S4	150.00	149.75	-.251	-.167	3.6104	.029	1
S5	300.00	300.66	.664	.221	7.1449	.268	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



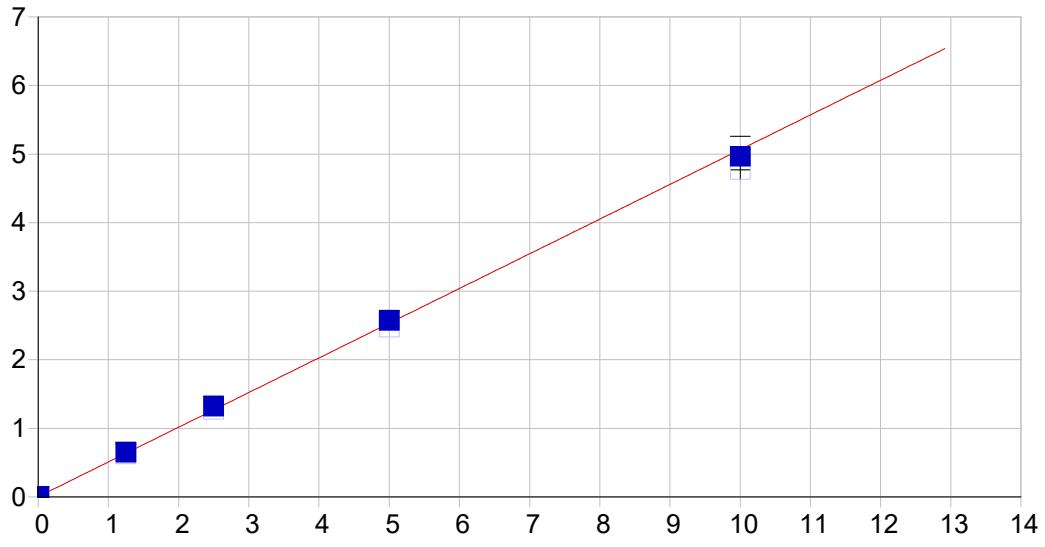
P 177.495 {490}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.002738	Re-Slope:	1.000000
A1 (Gain):	0.077654	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999715	Status:	OK.
Std Error of Est:	0.000031		
Predicted MDL:	0.002558		
Predicted MQL:	0.008526		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	-.00274	.000	1
S1	.01000	.01067	.001	6.72	-.00191	.000	1
S2	1.2500	1.1802	-.070	-5.58	.08877	.001	1
S3	2.5000	2.4470	-.053	-2.12	.18700	.001	1
S4	5.0000	4.9168	-.083	-1.66	.37851	.002	1
S5	10.000	10.205	.205	2.05	.78862	.003	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



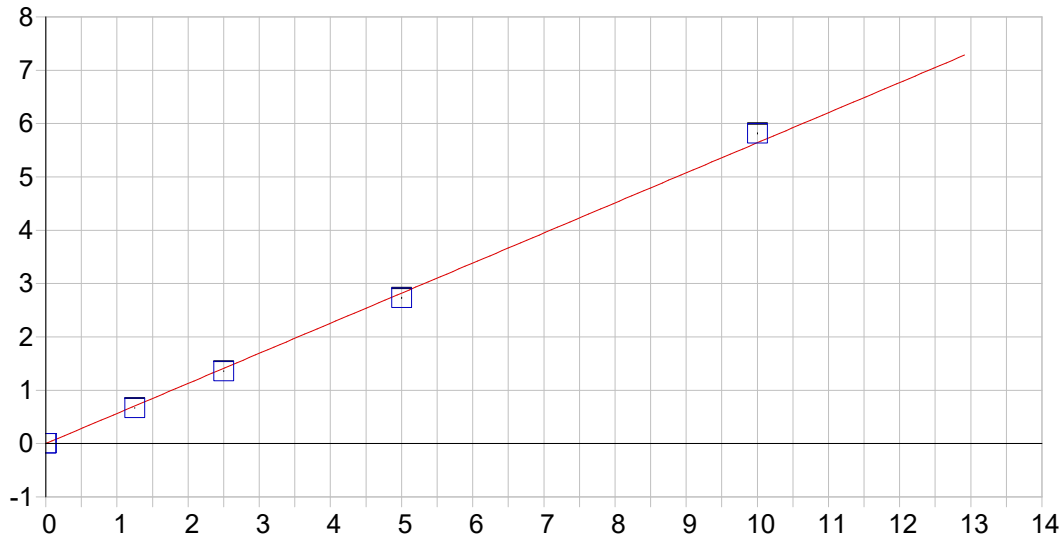
B 249.678 {135}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.003648	Re-Slope:	1.000000
A1 (Gain):	0.505973	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999408	Status:	OK.
Std Error of Est:	0.000281		
Predicted MDL:	0.002681		
Predicted MQL:	0.008938		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00365	.001	1
S1	.01000	-.00056	-.011	-106.	.00333	.001	1
S2	1.2500	1.2766	.027	2.12	.62550	.006	1
S3	2.5000	2.6015	.102	4.06	1.2718	.005	1
S4	5.0000	5.0734	.073	1.47	2.4744	.005	1
S5	10.000	9.8095	-.190	-1.90	4.7746	.148	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



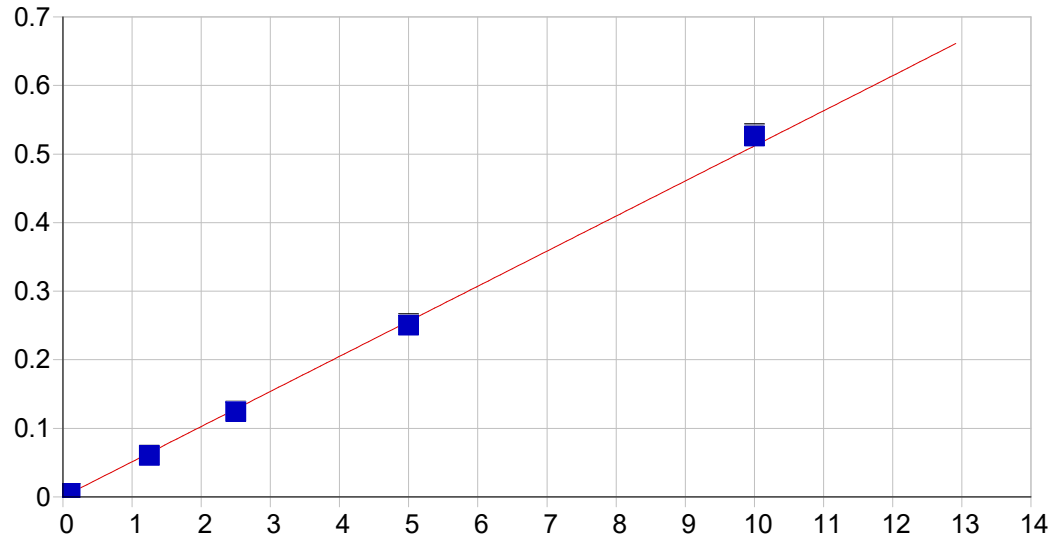
Mo 202.030 {467}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000011	Re-Slope:	1.000000
A1 (Gain):	0.564067	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999441	Status:	OK.
Std Error of Est:	0.000316		
Predicted MDL:	0.000542		
Predicted MQL:	0.001808		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00000	.000	.000	.00001	.000	1
S1	.01000	.00970	-.000	-3.01	.00548	.000	1
S2	1.2500	1.1849	-.065	-5.21	.66838	.004	1
S3	2.5000	2.4122	-.088	-3.51	1.3606	.006	1
S4	5.0000	4.8432	-.157	-3.14	2.7319	.014	1
S5	10.000	10.310	.310	3.10	5.8155	.012	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



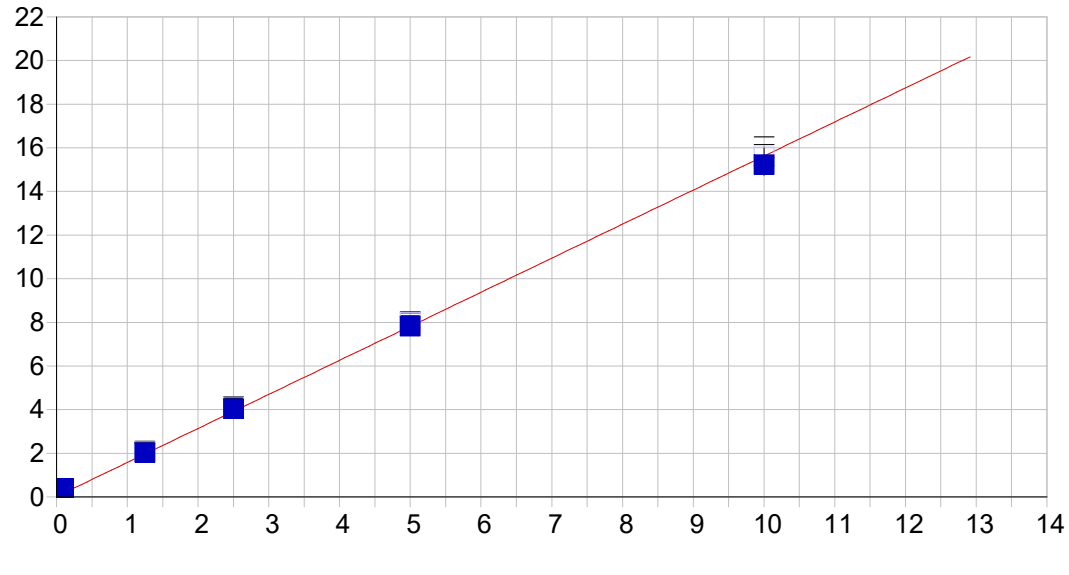
S 182.034 {485}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000200	Re-Slope:	1.000000
A1 (Gain):	0.051175	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999541	Status:	OK.
Std Error of Est:	0.000083		
Predicted MDL:	0.004548		
Predicted MQL:	0.015159		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	.00001	.000	.000	.00020	.000	1
S1	.10000	.09513	-.005	-4.87	.00507	.000	1
S2	1.2500	1.1735	-.077	-6.12	.06046	.000	1
S3	2.5000	2.4217	-.078	-3.13	.12454	.001	1
S4	5.0000	4.8865	-.113	-2.27	.25109	.002	1
S5	10.000	10.273	.273	2.73	.52758	.002	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



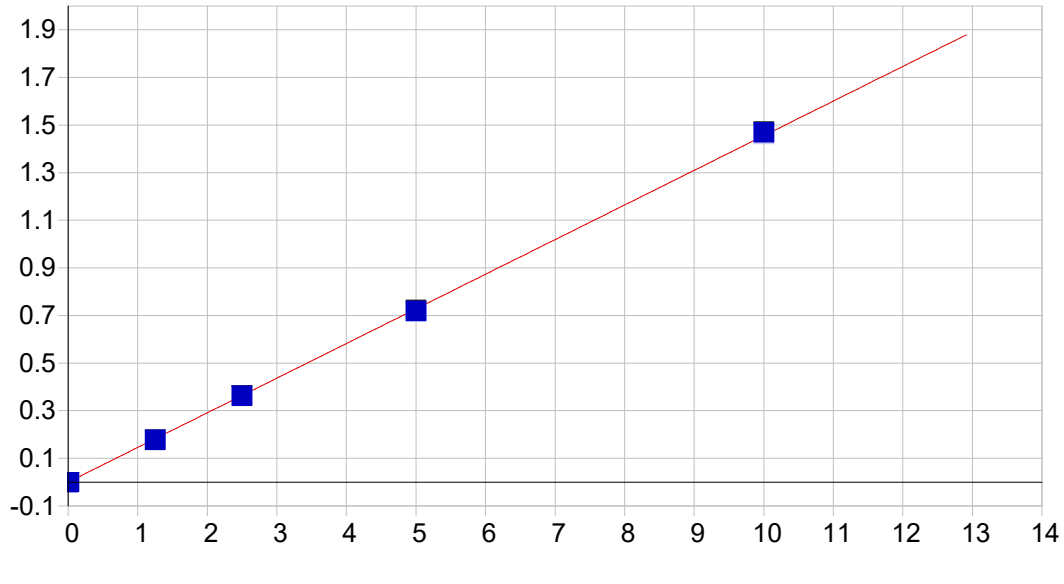
Si 251.611 {134}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.017209	Re-Slope:	1.000000
A1 (Gain):	1.560569	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.994033	Status:	OK.
Std Error of Est:	0.009306		
Predicted MDL:	0.000941		
Predicted MQL:	0.003135		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00015	-.000	.000	.01697	.001	1
S1	.10000	.25071	.151	151.	.41067	.002	1
S2	1.2500	1.2859	.036	2.87	2.0682	.027	1
S3	2.5000	2.5740	.074	2.96	4.1226	.015	1
S4	5.0000	5.0003	.000	.006	7.9976	.023	1
S5	10.000	9.7404	-.260	-2.60	15.572	.474	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



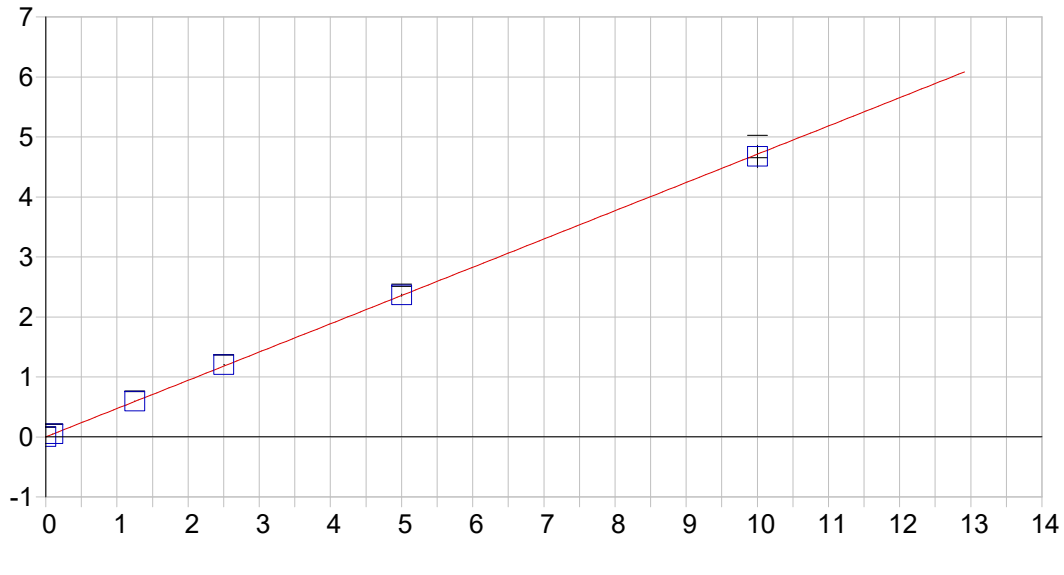
Sn 189.989 {478}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000156	Re-Slope:	1.000000
A1 (Gain):	0.145520	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999928	Status:	OK.
Std Error of Est:	0.000024		
Predicted MDL:	0.001445		
Predicted MQL:	0.004818		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00016	.000	1
S1	.00700	.00791	.001	12.9	.00126	.000	1
S2	1.2500	1.2167	-.033	-2.66	.17630	.001	1
S3	2.5000	2.4942	-.006	-.232	.36129	.001	1
S4	5.0000	4.9404	-.060	-1.19	.71545	.004	1
S5	10.000	10.098	.098	.978	1.4623	.002	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



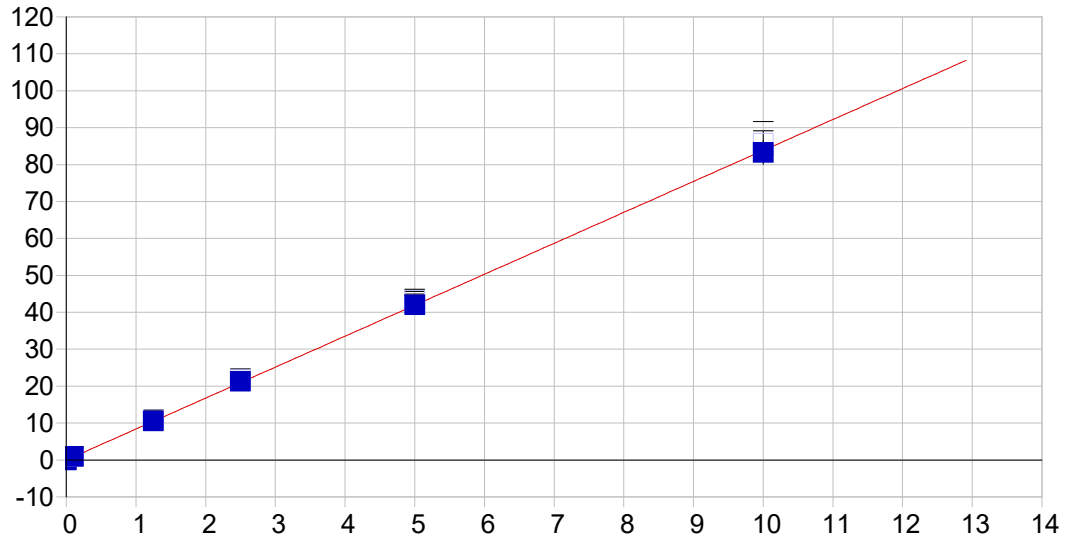
Ti 336.121 {100}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.000987	Re-Slope:	1.000000
A1 (Gain):	0.471042	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999954	Status:	OK.
Std Error of Est:	0.000240		
Predicted MDL:	0.003116		
Predicted MQL:	0.010387		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00000	-.000	.000	.00099	.003	1
S1	.10000	.10075	.001	.749	.04844	.002	1
S2	1.2500	1.2585	.008	.679	.59379	.005	1
S3	2.5000	2.5511	.051	2.04	1.2027	.001	1
S4	5.0000	5.0158	.016	.317	2.3637	.018	1
S5	10.000	9.9238	-.076	-.762	4.6755	.188	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



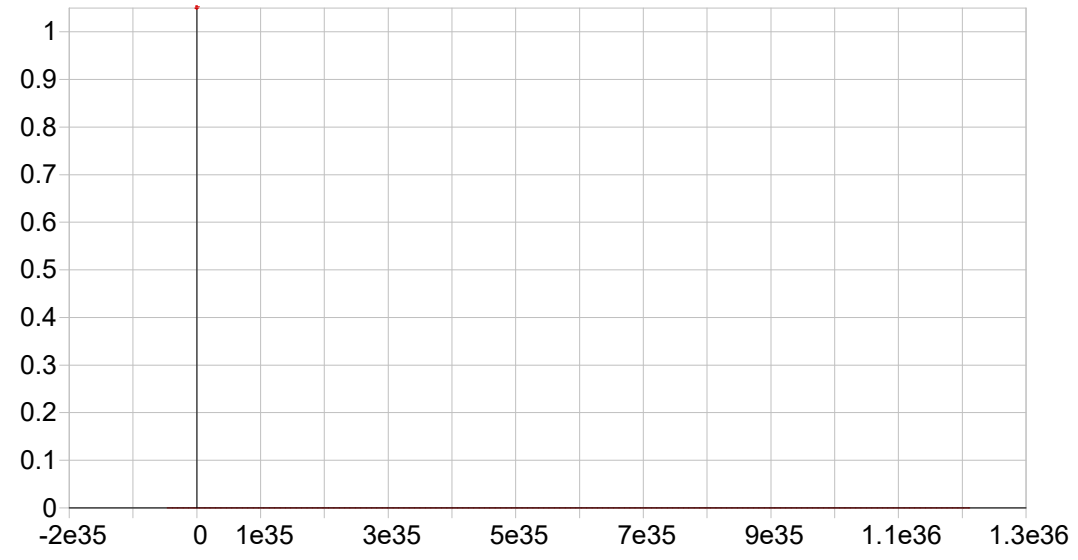
Sr 407.771 { 83}

Date of Fit:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	-0.004045	Re-Slope:	1.000000
A1 (Gain):	8.382719	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999951	Status:	OK.
Std Error of Est:	0.004545		
Predicted MDL:	0.000257		
Predicted MQL:	0.000858		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	-.00414	.001	1
S1	.10000	.10896	.009	8.96	.91020	.004	1
S2	1.2500	1.2587	.009	.693	10.861	.056	1
S3	2.5000	2.5404	.040	1.62	21.920	.033	1
S4	5.0000	5.0079	.008	.158	43.233	.307	1
S5	10.000	9.9343	-.066	-.657	85.787	3.18	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

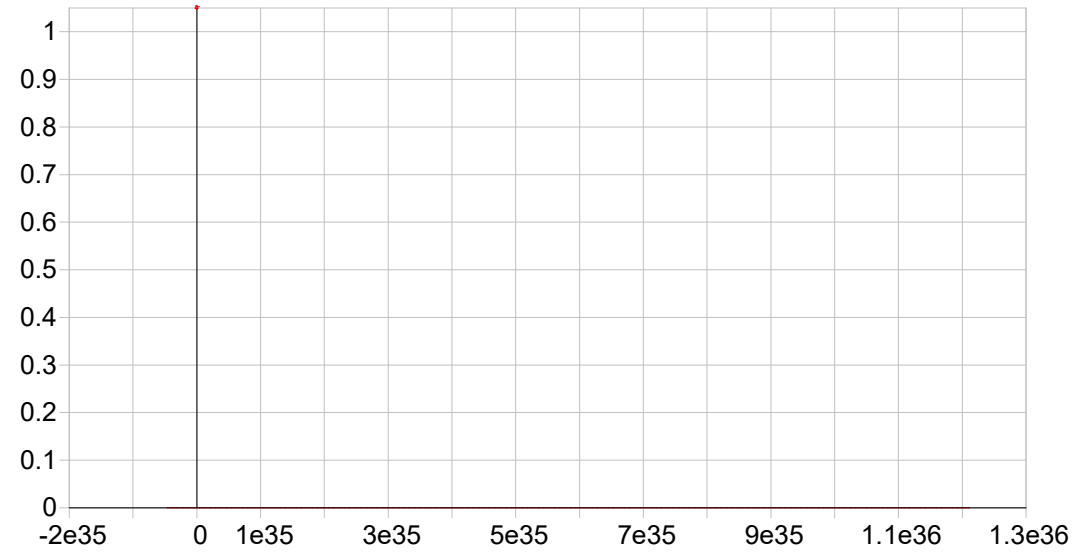


Y 224.306 {450}*

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}*

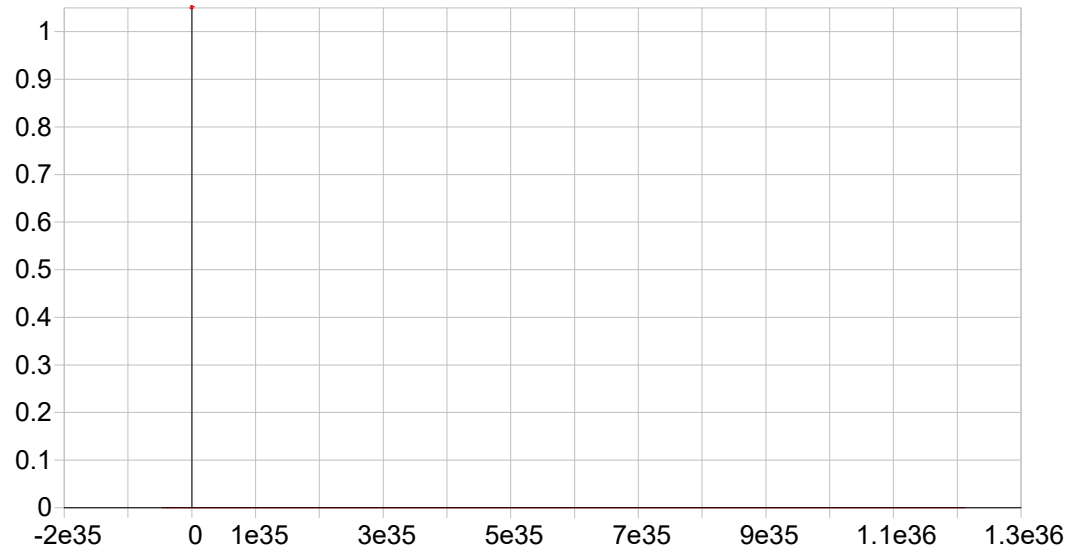
Date of Fit:	<not fit>	Type of Fit:	Linear	Weighting:	1/Conc

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

Reviewed By:kareem
On:12/27/2024 8:33:45 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



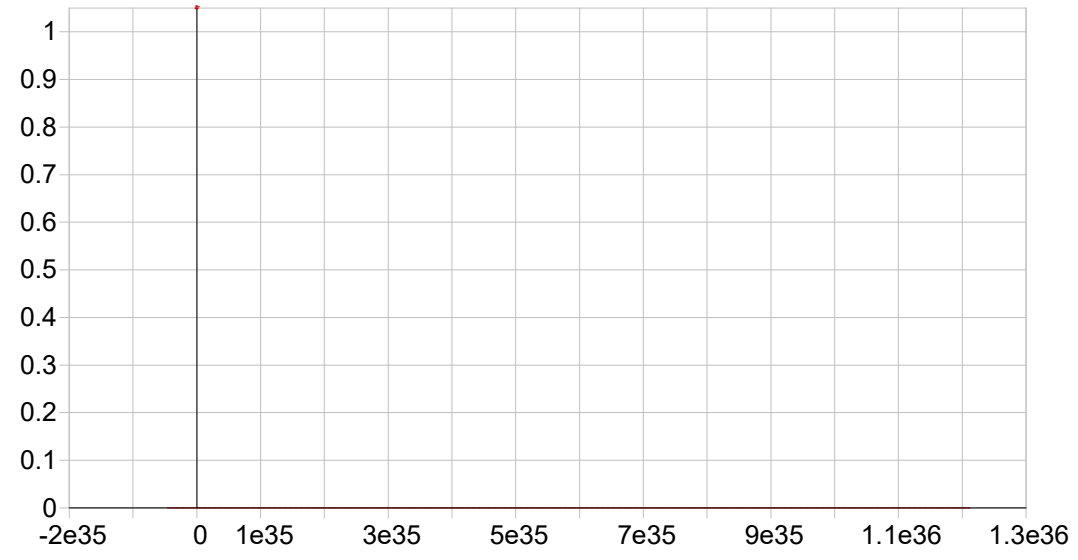
Y 371.030 { 91}*

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

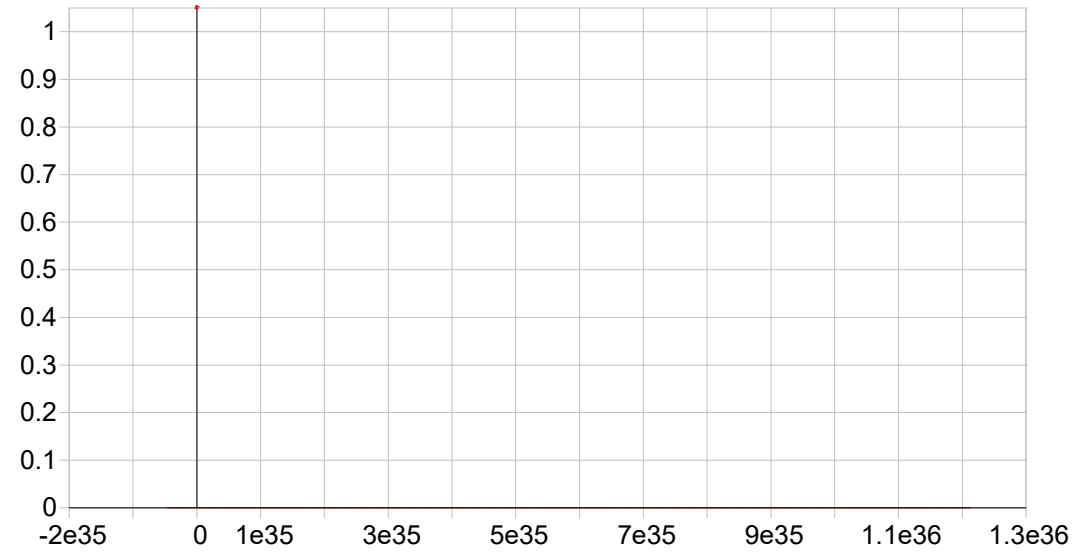
Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5



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



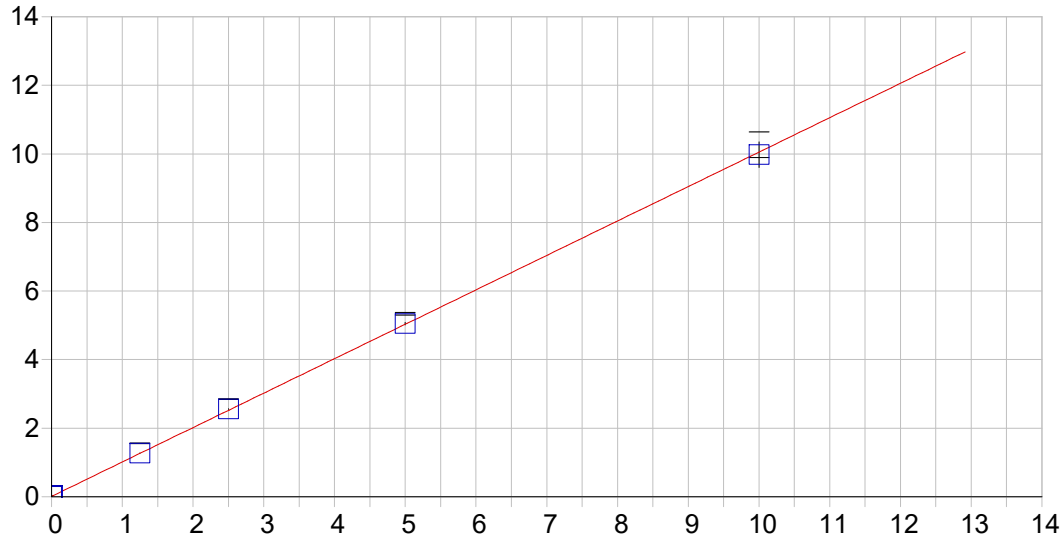
In 230.606 {446}*

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 8:33:45 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:	12/18/2024 12:02:49	Type of Fit:	Linear	Weighting:	1/Conc

A0 (Offset):	0.009646	Re-Slope:	1.000000
A1 (Gain):	1.004159	Y-int:	0.000000
A2 (Curvature):	0.000000		
n (Exponent):	1.000000		
Correlation:	0.999780	Status:	OK.
Std Error of Est:	0.000432		
Predicted MDL:	0.004318		
Predicted MQL:	0.014395		

Std. Name	Stated Conc.	Found Conc.	Difference	% Diff.	(S)IR	Std Dev	Emphasis
S0	.00000	-.00001	-.000	.000	.00964	.003	1
S5	10.000	9.9302	-.070	-.698	9.9812	.374	1
S4	5.0000	5.0177	.018	.354	5.0482	.038	1
S3	2.5000	2.5376	.038	1.50	2.5578	.008	1
S2	1.2500	1.2541	.004	.331	1.2690	.007	1
S1	.01500	.02533	.010	68.8	.03508	.002	1

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/18/2024 17:17:03 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	.25274	-.00009	-.00021	-.00034	.00060	-.00257	.02144	.00078
Stddev	.43820	.00033	.00011	.00013	.00048	.00080	.00457	.00082
%RSD	173.38	357.70	54.095	37.481	79.819	31.330	21.317	105.07
#1	-.13165	-.00003	-.00021	-.00020	.00095	-.00178	.02553	-.00016
#2	.15998	-.00045	-.00032	-.00042	.00081	-.00254	.02228	.00136
#3	.72990	.00020	-.00009	-.00042	.00005	-.00338	.01651	.00115

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	.00072	.00448	-.00004	-.00008	.00151	-.00007	-.00054	-.00064
Stddev	.00019	.00087	.00005	.00015	.00176	.00046	.00047	.00032
%RSD	26.349	19.297	139.61	190.94	115.93	639.65	86.889	49.923
#1	.00094	.00542	-.00004	.00009	.00257	-.00053	-.00106	-.00097
#2	.00062	.00431	.00001	-.00013	-.00051	.00038	-.00040	-.00033
#3	.00060	.00372	-.00008	-.00020	.00249	-.00006	-.00016	-.00061

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	-.00052	-.00007	-.00796	-.00026	-.00115	.10306	-.00274	.00365
Stddev	.00012	.00034	.00446	.00108	.00060	.00290	.00012	.00110
%RSD	22.193	501.18	55.984	411.95	51.838	2.8114	4.4658	30.178
#1	-.00039	.00007	-.01008	-.00132	-.00104	.10370	-.00286	.00399
#2	-.00058	-.00045	-.01095	-.00031	-.00179	.10558	-.00274	.00242
#3	-.00060	.00018	-.00284	.00084	-.00062	.09989	-.00261	.00455

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	.00001	.00020	.01697	.00016	.00099	-.00414	.00964
Stddev	.00008	.00012	.00136	.00024	.00268	.00052	.00255
%RSD	715.79	59.950	7.9908	151.72	272.23	12.668	26.429
#1	-.00001	.00023	.01627	.00003	-.00096	-.00437	.01254
#2	.00010	.00030	.01853	.00043	.00404	-.00354	.00859
#3	-.00005	.00007	.01611	.00001	-.00013	-.00450	.00778

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S0 Acquired: 12/18/2024 17:17:03 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	2354.2	29983.	2193.9	2042.4	2131.1
Stddev	4.4	128.	7.6	7.0	3.1
%RSD	.18713	.42741	.34801	.34388	.14580
#1	2357.9	30096.	2197.4	2045.6	2134.5
#2	2349.3	29844.	2185.1	2034.4	2128.4
#3	2355.4	30010.	2199.1	2047.3	2130.5

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/18/2024 17:21:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	1.5287	.00207	.00172	.00227	.00823	.02567	.76004	.05238
Stddev	.4463	.00021	.00040	.00041	.00012	.00285	.00557	.00188
%RSD	29.194	9.9689	23.423	18.057	1.4143	11.123	.73346	3.5959
#1	1.0215	.00231	.00146	.00189	.00834	.02283	.76261	.05224
#2	1.8614	.00195	.00218	.00221	.00811	.02854	.75365	.05432
#3	1.7031	.00196	.00151	.00270	.00825	.02562	.76387	.05056

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	.02084	.23447	.00177	.05024	.00590	.00246	.00889	.05611
Stddev	.00049	.00395	.00013	.00014	.00092	.00038	.00063	.00101
%RSD	2.3499	1.6837	7.4159	.27087	15.615	15.409	7.0837	1.8057
#1	.02115	.23409	.00162	.05022	.00626	.00263	.00956	.05497
#2	.02028	.23073	.00186	.05011	.00485	.00202	.00831	.05645
#3	.02109	.23860	.00184	.05038	.00659	.00272	.00879	.05691

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	.02723	.00243	.03967	.00459	.00086	.22459	-.00191	.00333
Stddev	.00017	.00016	.00461	.00065	.00010	.00175	.00010	.00057
%RSD	.63918	6.6739	11.627	14.202	11.295	.78038	5.0377	17.159
#1	.02735	.00226	.04455	.00462	.00075	.22296	-.00201	.00321
#2	.02732	.00244	.03538	.00392	.00088	.22645	-.00182	.00396
#3	.02703	.00258	.03908	.00522	.00094	.22435	-.00189	.00284

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	.00548	.00507	.41067	.00126	.04844	.91020	.03508
Stddev	.00008	.00032	.00223	.00004	.00189	.00433	.00195
%RSD	1.5169	6.2632	.54388	3.3006	3.9113	.47560	5.5459
#1	.00554	.00543	.41006	.00131	.04789	.90551	.03430
#2	.00539	.00489	.41315	.00123	.04688	.91105	.03364
#3	.00551	.00488	.40881	.00125	.05055	.91404	.03729

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S1 Acquired: 12/18/2024 17:21:10 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	2360.8	29914.	2197.8	2044.8	2145.1
Stddev	4.8	236.	1.5	12.8	3.4
%RSD	.20159	.78932	.06850	.62684	.15966
#1	2355.9	29813.	2197.0	2038.0	2141.2
#2	2361.0	30183.	2199.5	2059.6	2147.6
#3	2365.4	29744.	2196.9	2036.9	2146.5

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/18/2024 17:25:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	159.97	.10800	1.5793	.08268	.16146	4.5822	8.8518	1.2200
Stddev	.75	.00127	.0079	.00030	.00131	.0161	.0280	.0121
%RSD	.46721	1.1728	.49991	.35961	.81285	.35212	.31604	.98781
#1	160.77	.10753	1.5775	.08246	.16087	4.5735	8.8241	1.2081
#2	159.29	.10704	1.5726	.08257	.16055	4.5722	8.8513	1.2196
#3	159.84	.10944	1.5880	.08302	.16296	4.6008	8.8801	1.2322

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	2.5651	2.7973	.64843	.60414	.67302	.86569	1.9763	.67340
Stddev	.0152	.0064	.00128	.00366	.00207	.00471	.0063	.00120
%RSD	.59336	.22842	.19789	.60616	.30683	.54356	.31884	.17773
#1	2.5575	2.7911	.64743	.60273	.67091	.86623	1.9693	.67312
#2	2.5552	2.7969	.64797	.60139	.67312	.86074	1.9780	.67238
#3	2.5826	2.8038	.64988	.60830	.67504	.87010	1.9816	.67472

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	.42606	.06782	.29974	.06492	.13426	.96579	.08877	.62550
Stddev	.00168	.00014	.00762	.00087	.00061	.00425	.00052	.00577
%RSD	.39361	.20798	2.5418	1.3419	.45394	.43975	.58187	.92307
#1	.42508	.06799	.29141	.06437	.13454	.96186	.08876	.61897
#2	.42510	.06774	.30636	.06592	.13357	.96521	.08825	.62760
#3	.42799	.06774	.30146	.06445	.13469	.97029	.08929	.62993

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	.66838	.06046	2.0682	.17630	.59379	10.861	1.2690
Stddev	.00378	.00032	.0271	.00130	.00480	.056	.0067
%RSD	.56509	.53283	1.3120	.73945	.80885	.51948	.52614
#1	.66840	.06025	2.0375	.17568	.58850	10.801	1.2619
#2	.66460	.06030	2.0780	.17542	.59498	10.870	1.2700
#3	.67215	.06083	2.0891	.17780	.59789	10.913	1.2751

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S2 Acquired: 12/18/2024 17:25:17 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	2282.4	29068.	2213.8	1967.1	1978.1
Stddev	11.8	100.	13.4	2.5	11.2
%RSD	.51692	.34340	.60711	.12457	.56389
#1	2286.3	28956.	2229.3	1969.8	1984.7
#2	2291.8	29102.	2207.7	1965.1	1984.2
#3	2269.2	29147.	2204.6	1966.3	1965.2

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/18/2024 17:29:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	319.21	.21766	3.2097	.16958	.32767	9.2653	17.837	2.4576
Stddev	1.28	.00083	.0123	.00134	.00126	.0090	.054	.0091
%RSD	.40044	.38205	.38433	.79001	.38427	.09754	.30305	.37177
#1	320.27	.21804	3.2147	.16978	.32758	9.2569	17.856	2.4477
#2	317.79	.21671	3.1956	.16815	.32647	9.2749	17.879	2.4657
#3	319.56	.21824	3.2187	.17080	.32898	9.2642	17.776	2.4594

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	5.2045	5.6475	1.3104	1.2123	1.3624	1.7419	3.9614	1.3513
Stddev	.0216	.0097	.0033	.0059	.0016	.0022	.0124	.0013
%RSD	.41403	.17216	.24963	.48454	.11943	.12715	.31404	.09444
#1	5.2131	5.6519	1.3103	1.2155	1.3616	1.7441	3.9668	1.3498
#2	5.1799	5.6542	1.3071	1.2055	1.3643	1.7420	3.9702	1.3519
#3	5.2204	5.6364	1.3137	1.2158	1.3613	1.7396	3.9472	1.3521

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	.86802	.13945	.60403	.13218	.27778	1.8611	.18700	1.2718
Stddev	.00416	.00019	.01003	.00074	.00124	.0055	.00101	.0055
%RSD	.47967	.13785	1.6606	.55874	.44653	.29657	.54004	.42846
#1	.87137	.13938	.59246	.13143	.27841	1.8597	.18731	1.2657
#2	.86336	.13930	.61031	.13290	.27635	1.8564	.18587	1.2760
#3	.86935	.13966	.60931	.13221	.27858	1.8672	.18782	1.2738

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	1.3606	.12454	4.1226	.36129	1.2027	21.920	2.5578
Stddev	.0060	.00063	.0147	.00122	.0014	.033	.0081
%RSD	.44341	.50687	.35541	.33715	.11556	.14966	.31817
#1	1.3606	.12469	4.1080	.36161	1.2038	21.940	2.5634
#2	1.3546	.12385	4.1373	.35994	1.2030	21.938	2.5616
#3	1.3667	.12509	4.1225	.36232	1.2011	21.882	2.5485

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S3 Acquired: 12/18/2024 17:29:08 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	2217.8	28656.	2213.8	1912.2	1907.7
Stddev	10.6	87.	8.6	4.2	7.7
%RSD	.47594	.30480	.38922	.22118	.40398
#1	2219.2	28662.	2223.1	1914.8	1905.9
#2	2227.6	28741.	2206.1	1914.4	1916.1
#3	2206.6	28566.	2212.4	1907.3	1901.0

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/18/2024 17:32:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: IR Corr. Factor: 1.000000
User: Kareem Custom ID1: S04 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934	Be2348
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	612.02	.42366	6.3793	.33608	.66434	18.384	35.226	4.8283
Stddev	.41	.00208	.0209	.00121	.00297	.133	.246	.0094
%RSD	.06650	.49156	.32827	.36130	.44643	.72261	.69918	.19520
#1	612.48	.42391	6.3859	.33674	.66407	18.242	34.987	4.8185
#2	611.70	.42146	6.3559	.33468	.66152	18.403	35.210	4.8372
#3	611.88	.42560	6.3962	.33682	.66744	18.506	35.479	4.8292

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	10.242	11.018	2.5429	2.3579	2.6719	3.4021	7.6932	2.6603
Stddev	.038	.083	.0014	.0093	.0170	.0199	.0499	.0179
%RSD	.36914	.75523	.05371	.39512	.63720	.58648	.64921	.67399
#1	10.252	10.939	2.5414	2.3592	2.6533	3.3820	7.6412	2.6431
#2	10.200	11.011	2.5430	2.3481	2.6760	3.4023	7.6976	2.6589
#3	10.274	11.105	2.5442	2.3666	2.6866	3.4219	7.7408	2.6789

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	1.7107	.27650	1.2135	.25963	.56249	3.6104	.37851	2.4744
Stddev	.0053	.00031	.0095	.00312	.00234	.0287	.00174	.0049
%RSD	.31188	.11307	.77994	1.2001	.41552	.79457	.45906	.19719
#1	1.7124	.27629	1.2102	.25640	.55989	3.5828	.37879	2.4699
#2	1.7048	.27686	1.2062	.25988	.56442	3.6082	.37664	2.4796
#3	1.7150	.27634	1.2242	.26261	.56316	3.6400	.38008	2.4738

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.7319	.25109	7.9976	.71545	2.3637	43.233	5.0482
Stddev	.0137	.00155	.0232	.00354	.0179	.307	.0376
%RSD	.50176	.61853	.29040	.49475	.75915	.70977	.74392
#1	2.7338	.25091	7.9711	.71608	2.3481	42.900	5.0091
#2	2.7174	.24964	8.0074	.71163	2.3596	43.297	5.0514
#3	2.7446	.25273	8.0144	.71863	2.3833	43.503	5.0840

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S4 Acquired: 12/18/2024 17:32:55 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	2098.1	27758.	2154.6	1797.5	1814.7
Stddev	7.9	31.	5.0	4.9	4.6
%RSD	.37565	.11210	.23235	.27070	.25123
#1	2096.5	27773.	2160.0	1800.4	1813.0
#2	2106.7	27780.	2153.6	1791.9	1819.9
#3	2091.2	27723.	2150.2	1800.2	1811.3

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/18/2024 17:36:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	1197.8	.84411	13.062	.70529	1.4334	36.652	69.878	9.4921
Stddev	3.8	.00164	.034	.00309	.0028	1.470	2.772	.2830
%RSD	.31353	.19464	.25713	.43758	.19576	4.0096	3.9673	2.9810
#1	1194.7	.84335	13.050	.70381	1.4315	34.970	66.688	9.1783
#2	1202.0	.84298	13.036	.70322	1.4321	37.689	71.705	9.7276
#3	1196.8	.84599	13.100	.70884	1.4366	37.297	71.242	9.5706

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	20.652	21.399	5.0878	4.7435	5.1992	6.5978	14.999	5.2371
Stddev	.051	.820	.1102	.0147	.2003	.2614	.607	.2041
%RSD	.24523	3.8315	2.1660	.30917	3.8515	3.9618	4.0477	3.8972
#1	20.635	20.462	5.0971	4.7427	4.9713	6.2985	14.301	5.0036
#2	20.612	21.983	4.9733	4.7292	5.3469	6.7814	15.403	5.3816
#3	20.709	21.752	5.1931	4.7585	5.2794	6.7134	15.292	5.3261

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	3.4590	.57024	2.4250	.51131	1.2203	7.1449	.78862	4.7746
Stddev	.0080	.01127	.0895	.01976	.0342	.2679	.00287	.1482
%RSD	.23195	1.9758	3.6905	3.8646	2.8032	3.7497	.36406	3.1036
#1	3.4576	.57103	2.3233	.48854	1.2120	6.8374	.78703	4.6125
#2	3.4518	.55860	2.4916	.52393	1.1910	7.3277	.78690	4.9032
#3	3.4676	.58109	2.4601	.52146	1.2579	7.2698	.79194	4.8080

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	5.8155	.52758	15.572	1.4623	4.6755	85.787	9.9812
Stddev	.0122	.00204	.474	.0016	.1882	3.185	.3736
%RSD	.20987	.38645	3.0436	.11155	4.0247	3.7123	3.7436
#1	5.8109	.52638	15.054	1.4632	4.4601	82.130	9.5528
#2	5.8064	.52643	15.983	1.4604	4.8080	87.947	10.240
#3	5.8294	.52993	15.679	1.4633	4.7584	87.285	10.151

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S5 Acquired: 12/18/2024 17:36:39 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	1910.1	26505.	2158.1	1611.9	1708.3
Stddev	8.6	584.	71.4	39.1	8.1
%RSD	.44795	2.2023	3.3091	2.4260	.47404
#1	1907.3	26510.	2238.0	1609.0	1705.5
#2	1919.7	27086.	2100.6	1652.4	1717.5
#3	1903.3	25919.	2135.6	1574.4	1702.0

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: S6 Acquired: 12/18/2024 17:40:31 Type: Cal
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	95.801	34.486	17.274	8.3653	6.6000
Stddev	.388	.128	.064	.0380	.0261
%RSD	.40536	.37006	.37158	.45423	.39566
#1	95.406	34.353	17.208	8.3354	6.5980
#2	96.182	34.608	17.337	8.4081	6.6270
#3	95.816	34.496	17.278	8.3526	6.5749

Int. Std.	Y_3710
Units	Cts/S
Avg	2088.4
Stddev	7.8
%RSD	.37254
#1	2094.4
#2	2079.6
#3	2091.3

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICV007 Acquired: 12/18/2024 18:21:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.086369	1.026157	.9885841	1.000080	.9321094	2.486015
Stddev	.007344	.003679	.0018039	.003609	.0019824	.015180
%RSD	.6760235	.3585701	.1824725	.3608972	.2126803	.6106126
#1	1.077983	1.026760	.9875178	1.003849	.9321657	2.478671
#2	1.089474	1.022214	.9875677	.996656	.9340630	2.475904
#3	1.091651	1.029499	.9906669	.999736	.9300994	2.503471

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5336251	.5359374	.5066449	10.50691	.5507927	.5081123
Stddev	.0032374	.0028501	.0002725	.08544	.0016329	.0006021
%RSD	.6066858	.5317921	.0537936	.8131993	.2964651	.1184943
#1	.5300991	.5392188	.5068886	10.40987	.5518601	.5083090
#2	.5343131	.5345149	.5063506	10.57088	.5489129	.5074364
#3	.5364633	.5340787	.5066955	10.53998	.5516051	.5085914

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5171781	10.77680	.5466314	6.403240	.5162180	.2427231
Stddev	.0072572	.06359	.0041503	.068479	.0017172	.0017334
%RSD	1.403228	.5900318	.7592438	1.069438	.3326461	.7141569
#1	.5227217	10.80224	.5445333	6.460193	.5174467	.2424120
#2	.5089641	10.70443	.5439491	6.422266	.5142559	.2411662
#3	.5198486	10.82373	.5514118	6.327260	.5169512	.2445909

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.74185	.5335586	.9133608	9.495941	F .0024870	F -.004516
Stddev	.31401	.0132850	.0205089	.025091	.0001619	.000196
%RSD	2.923273	2.489890	2.245433	.2642311	6.509920	4.334362
#1	11.07987	.5207550	.9265356	9.488057	.0023387	-.004732
#2	10.68647	.5472777	.8897313	9.524027	.0024627	-.004464
#3	10.45921	.5326430	.9238154	9.475738	.0026597	-.004351

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICV007 Acquired: 12/18/2024 18:21:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICV007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F -.000180	F .0084457	F .0016816	F .0007544	F -.002841	F -.009277
Stddev	.000446	.0019247	.0004511	.0014180	.004280	.000223
%RSD	247.5158	22.78957	26.82276	187.9679	150.6718	2.399028
#1	.000266	.0102773	.0014972	-.000031	-.004566	-.009413
#2	-.000626	.0086202	.0013520	.002391	.002033	-.009020
#3	-.000180	.0064397	.0021957	-.000098	-.005989	-.009398

Elem	Li6707
Units	ppm
Avg	F .0032113
Stddev	.0061074
%RSD	190.1815
#1	-.002148
#2	.009861
#3	.001921

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2392.130	29976.50	2222.999	2067.187	2144.675
Stddev	10.189	106.69	3.943	7.326	7.382
%RSD	.4259408	.3559082	.1773757	.3544149	.3441937
#1	2386.080	30098.92	2223.232	2074.765	2140.621
#2	2403.894	29927.19	2218.945	2066.653	2153.196
#3	2386.417	29903.38	2226.821	2060.141	2140.209

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICB007 Acquired: 12/18/2024 18:31:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000394	-.002071	-.000436	-.000287	.0014988	.0039005	.0000719
Stddev	.007071	.000648	.002528	.001015	.0036294	.0124294	.0012135
%RSD	1792.675	31.27980	579.8579	354.2438	242.1477	318.6627	1688.126
#1	-.001138	-.001340	-.003238	.000843	-.002400	-.009916	-.000340
#2	.007019	-.002300	.001674	-.001122	.004779	.014173	-.000882
#3	-.007064	-.002573	.000256	-.000582	.002118	.007445	.001438

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000076	-.000118	.0401427	.0007526	-.000186	-.005883	.0267258
Stddev	.000141	.000073	.0091448	.0007389	.000074	.001869	.0075391
%RSD	186.2682	61.70274	22.78083	98.18240	39.80743	31.77700	28.20910
#1	.000012	-.000121	.0298398	.0009025	-.000228	-.003786	.0247756
#2	-.000239	-.000188	.0432903	.0014050	-.000230	-.006489	.0203534
#3	-.000000	-.000043	.0472981	-.000050	-.000101	-.007374	.0350484

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011175	-.031663	.0001901	-.000327	.2379511	.0020128	.0070858
Stddev	.0009692	.064637	.0004876	.000712	.1915359	.0091085	.0019133
%RSD	86.73226	204.1414	256.5037	217.6246	80.49381	452.5346	27.00232
#1	.0005227	.025711	.0002738	-.000088	.4331862	.0097640	.0056838
#2	.0005938	-.101691	.0006305	-.001128	.0503422	-.008019	.0063082
#3	.0022359	-.019008	-.000334	.000235	.2303249	.004294	.0092656

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0328283	-.001964	-.006993	.0001469	.0046004	-.000409	-.000604
Stddev	.1651373	.003280	.003706	.0003585	.0017615	.000638	.001064
%RSD	503.0335	166.9998	52.99007	244.0750	38.28924	155.9287	176.1576
#1	.1066480	.000280	-.010243	-.000013	.0064867	-.000214	-.000769
#2	-.156342	-.005729	-.007779	.000557	.0029983	.000109	-.001575
#3	.148179	-.000444	-.002958	-.000104	.0043164	-.001122	.000533

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICB007 Acquired: 12/18/2024 18:31:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICB007 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0001508	.0000142	.0061414
Stddev	.0005957	.0004404	.0008733
%RSD	394.9557	3102.459	14.22043
#1	-.000235	-.000001	.0051536
#2	-.000149	.000462	.0068112
#3	.000837	-.000418	.0064592

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2435.094	30384.94	2246.850	2102.663	2183.223
Stddev	8.367	12.40	22.144	6.170	7.638
%RSD	.3436136	.0407942	.9855388	.2934185	.3498436
#1	2443.747	30396.49	2221.534	2095.756	2189.852
#2	2434.491	30386.48	2262.618	2104.606	2184.947
#3	2427.045	30371.84	2256.398	2107.627	2174.871

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICSA007 Acquired: 12/18/2024 18:35:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0042686	-.019210	-.003281	.0198132	.0072777	245.7806
Stddev	.0025418	.005025	.001708	.0037164	.0008089	1.6568
%RSD	59.54646	26.15929	52.04952	18.75702	11.11418	.6741081
#1	.0015037	-.024878	-.004270	.0208855	.0066352	246.5931
#2	.0047983	-.017450	-.001309	.0156786	.0070119	243.8743
#3	.0065038	-.015301	-.004264	.0228755	.0081860	246.8743

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0063374	.0024152	.0007418	253.7895	.0530711	.0441110
Stddev	.0008279	.0002259	.0001174	1.3915	.0002251	.0003907
%RSD	13.06419	9.352576	15.82120	.5483006	.4241171	.8856608
#1	.0065672	.0025557	.0006063	254.5875	.0531159	.0439326
#2	.0054189	.0021547	.0008097	252.1827	.0532705	.0445591
#3	.0070262	.0025353	.0008094	254.5983	.0528270	.0438415

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.010375	104.6617	.0129608	264.8110	.0041036	.0024967
Stddev	.002348	.6916	.0006982	2.0186	.0004897	.0005841
%RSD	22.62899	.6607562	5.386999	.7622862	11.93376	23.39592
#1	-.008134	104.9815	.0126396	265.6253	.0037050	.0020544
#2	-.012816	103.8681	.0137618	262.5125	.0046502	.0031589
#3	-.010175	105.1355	.0124810	266.2953	.0039554	.0022769

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3873966	.0042441	-.005957	-.431714	-.000210	F -.015008
Stddev	.1272338	.0013798	.008097	.175530	.001140	.005540
%RSD	32.84329	32.51045	135.9101	40.65879	543.9416	36.91291
#1	.2446897	.0043195	-.006822	-.606727	-.001470	-.020864
#2	.4889906	.0028282	.002537	-.432742	.000094	-.009850
#3	.4285094	.0055847	-.013587	-.255672	.000748	-.014310

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICSA007 Acquired: 12/18/2024 18:35:40 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSA007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0020470	.0229691	-.003897	F .0134323	-.001108	.0031308
Stddev	.0002666	.0064384	.001336	.0006231	.001226	.0005182
%RSD	13.02457	28.03073	34.27656	4.638891	110.5637	16.55089
#1	.0021193	.0285282	-.005290	.0128619	.000295	.0025719
#2	.0017518	.0159146	-.002628	.0133377	-.001656	.0035952
#3	.0022701	.0244646	-.003772	.0140973	-.001965	.0032255

Elem	Li6707
Units	ppm
Avg	.0119099
Stddev	.0046780
%RSD	39.27786
#1	.0167102
#2	.0073648
#3	.0116547

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2288.819	28244.10	2202.046	1970.002	1923.814
Stddev	8.756	86.45	17.310	7.878	8.968
%RSD	.3825424	.3060699	.7860976	.3998809	.4661455
#1	2293.265	28234.53	2189.310	1965.408	1926.763
#2	2278.733	28162.84	2221.756	1965.499	1913.743
#3	2294.460	28334.93	2195.073	1979.098	1930.936

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICSAB007 Acquired: 12/18/2024 18:48:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB007 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1047146	.0875627	.0545767	.0707680	.5935805	245.6680
Stddev	.0010451	.0018478	.0006494	.0069692	.0019724	.3644
%RSD	.9980509	2.110278	1.189918	9.847944	.3322950	.1483302
#1	.1056644	.0865629	.0544424	.0666262	.5928915	245.3923
#2	.1035950	.0864302	.0552827	.0788142	.5958051	245.5305
#3	.1048843	.0896950	.0540049	.0668638	.5920451	246.0811

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5400114	.5374276	1.020902	252.1253	.5855234	.5391019
Stddev	.0019897	.0033214	.006180	.3766	.0107074	.0040113
%RSD	.3684588	.6180244	.6053016	.1493531	1.828692	.7440790
#1	.5386866	.5340935	1.014501	252.0862	.5731951	.5352254
#2	.5390483	.5374532	1.026834	251.7699	.5924987	.5432357
#3	.5422995	.5407362	1.021371	252.5199	.5908765	.5388445

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4828404	104.3455	.5395101	265.9030	1.013815	.1855274
Stddev	.0087113	.1041	.0021817	.5537	.005289	.0022728
%RSD	1.804167	.0997567	.4043803	.2082250	.5217239	1.225026
#1	.4898387	104.2257	.5411161	265.3098	1.009372	.1830172
#2	.4855986	104.3966	.5370263	265.9932	1.019666	.1861195
#3	.4730840	104.4141	.5403880	266.4060	1.012408	.1874456

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2228845	.5386450	.9192342	-.889082	-.000525	F -.014049
Stddev	.3607622	.0100527	.0309475	.131402	.001699	.003148
%RSD	161.8606	1.866284	3.366665	14.77956	323.4168	22.41131
#1	-.016889	.5387515	.8888639	-.916320	.001354	-.015261
#2	.047761	.5285395	.9507283	-1.00473	-.000977	-.016410
#3	.637781	.5486439	.9181104	-.74620	-.001954	-.010474

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: ICSAB007 Acquired: 12/18/2024 18:48:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ICSAB007 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019325	.0244957	-.003743	F .0136774	-.004713	.0033684
Stddev	.0009845	.0064703	.000404	.0006443	.003091	.0002448
%RSD	50.94365	26.41396	10.79145	4.710409	65.58955	7.266375
#1	.0030652	.0170323	-.004148	.0134404	-.001154	.0031007
#2	.0012829	.0285245	-.003340	.0144066	-.006725	.0035808
#3	.0014494	.0279302	-.003741	.0131852	-.006260	.0034236

Elem	Li6707
Units	ppm
Avg	.0038623
Stddev	.0015002
%RSD	38.84179
#1	.0048379
#2	.0021349
#3	.0046141

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2274.709	28386.87	2178.858	1975.263	1913.356
Stddev	5.783	337.02	3.362	23.663	9.082
%RSD	.2542193	1.187247	.1543191	1.197978	.4746699
#1	2281.385	28750.50	2175.283	1997.653	1923.229
#2	2271.507	28084.99	2181.956	1950.504	1905.357
#3	2271.236	28325.12	2179.335	1977.631	1911.483

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV060 Acquired: 12/18/2024 18:57:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.651320	4.840178	25.02950	5.017847	5.031815	407.3270	10.22802
Stddev	.010768	.015190	.02470	.005436	.007080	1.1709	.04349
%RSD	.2315047	.3138382	.0986828	.1083368	.1407071	.2874637	.4252283
#1	4.658355	4.856772	25.02445	5.012504	5.038934	407.2548	10.21708
#2	4.656680	4.826959	25.00771	5.017667	5.024775	408.5324	10.27594
#3	4.638923	4.836803	25.05633	5.023371	5.031737	406.1939	10.19105

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5190938	2.524636	414.3465	15.48954	2.513490	15.33986	416.7957
Stddev	.0030420	.003968	.7340	.10365	.004675	.04976	1.7063
%RSD	.5860239	.1571647	.1771386	.6691763	.1859773	.3243928	.4093835
#1	.5224725	2.525970	414.2892	15.55014	2.514623	15.35797	416.8796
#2	.5182363	2.520173	415.1075	15.54862	2.508354	15.37804	418.4584
#3	.5165726	2.527764	413.6429	15.36986	2.517495	15.28358	415.0489

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.25732	411.3511	2.503050	1.278808	402.3669	2.554218	14.70495
Stddev	.05262	1.7303	.001767	.010589	2.9051	.004207	.05759
%RSD	.3448870	.4206402	.0705793	.8280412	.7220070	.1646950	.3916234
#1	15.27200	411.4715	2.504404	1.286985	401.1245	2.551845	14.69695
#2	15.30105	413.0180	2.501052	1.282594	405.6867	2.559075	14.76612
#3	15.19892	409.5637	2.503695	1.266847	400.2897	2.551734	14.65178

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.3243	5.034870	4.923125	4.870811	5.129056	4.841413	5.095133
Stddev	.5077	.010697	.021978	.006999	.020086	.019394	.009027
%RSD	.3311198	.2124570	.4464250	.1436842	.3916082	.4005793	.1771769
#1	153.1099	5.037635	4.943833	4.873797	5.140674	4.863772	5.090262
#2	153.9040	5.023062	4.925478	4.862815	5.105863	4.831318	5.089587
#3	152.9589	5.043913	4.900066	4.875821	5.140631	4.829149	5.105549

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV060 Acquired: 12/18/2024 18:57:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV060 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.113651	4.849098	5.180093
Stddev	.016261	.025185	.014333
%RSD	.3179874	.5193778	.2766852
#1	5.116919	4.846755	5.171663
#2	5.128029	4.875373	5.196642
#3	5.096004	4.825166	5.171974

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2068.489	27043.27	2151.422	1782.431	1761.199
Stddev	8.561	173.90	4.562	5.901	7.122
%RSD	.4138766	.6430615	.2120496	.3310384	.4043622
#1	2070.014	27017.24	2149.082	1782.237	1763.961
#2	2076.186	26883.84	2148.505	1776.630	1766.527
#3	2059.269	27228.72	2156.680	1788.426	1753.111

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB060 Acquired: 12/18/2024 19:00:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025807	.0006682	.0015297	.0011231	-.000296	-.001956
Stddev	.0033070	.0015942	.0034833	.0014052	.002402	.012649
%RSD	128.1414	238.5968	227.7185	125.1103	812.4958	646.6228
#1	.0018929	.0011755	-.000707	-.000222	-.001384	.010905
#2	-.000328	.0019470	.005543	.002581	-.001961	-.002392
#3	.006178	-.001118	-.000248	.001011	.002458	-.014382

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005147	-.000115	-.000075	.0167553	.0009607	-.000508
Stddev	.0016975	.000117	.000107	.0559380	.0010087	.000127
%RSD	329.8137	101.4830	143.0268	333.8528	104.9913	25.03288
#1	.0008878	-.000214	-.000045	.0484122	.0018351	-.000639
#2	-.001338	-.000146	.000014	-.047832	.0011899	-.000385
#3	.001995	.000014	-.000194	.049686	-.000143	-.000499

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002218	.0352352	.0031433	-.041556	-.000601	.0006042
Stddev	.008950	.0483764	.0010367	.064007	.000130	.0003680
%RSD	403.4696	137.2957	32.98031	154.0263	21.63235	60.89807
#1	-.006853	.0218925	.0020015	-.032994	-.000581	.0004298
#2	.008099	.0888825	.0034027	.017739	-.000483	.0003559
#3	-.007901	-.005070	.0040256	-.109414	-.000741	.0010270

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5189569	.0010130	.0195293	.1974361	-.002146	.0110999
Stddev	.1793744	.0108701	.0064186	.1393080	.004683	.0035134
%RSD	34.56441	1073.084	32.86622	70.55851	218.1905	31.65217
#1	.5854089	-.005688	.0266346	.3558095	.003261	.0114050
#2	.6556229	.013555	.0141507	.1426437	-.004923	.0144507
#3	.3158390	-.004828	.0178027	.0938550	-.004776	.0074439

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB060 Acquired: 12/18/2024 19:00:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB060 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004506	.0026365	-.001348	.0015394	-.002409	.0003770
Stddev	.0005047	.0042203	.000511	.0007399	.001335	.0002006
%RSD	112.0202	160.0700	37.89065	48.06456	55.41059	53.22238
#1	.0002214	.0073656	-.001632	.0015930	-.003676	.0004430
#2	.0001011	-.000747	-.000759	.0007742	-.001015	.0005363
#3	.0010293	.001291	-.001654	.0022511	-.002537	.0001517

Elem	Li6707
Units	ppm
Avg	F .0184625
Stddev	.0033050
%RSD	17.90138
#1	.0192684
#2	.0148290
#3	.0212900

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.866	30021.78	2198.348	2072.874	2166.102
Stddev	7.690	93.96	2.926	11.203	7.613
%RSD	.3206966	.3129891	.1330952	.5404446	.3514763
#1	2397.159	29988.00	2197.842	2064.377	2166.083
#2	2405.885	29949.38	2195.708	2068.677	2173.725
#3	2390.554	30127.97	2201.494	2085.570	2158.498

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165494BL Acquired: 12/18/2024 19:04:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS494 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001926	-.001223	-.001295	.0020145	.0001653	.0111345	.0007951
Stddev	.002113	.001028	.000786	.0011081	.0010449	.0168293	.0016213
%RSD	109.7208	84.09341	60.70533	55.00586	632.0392	151.1457	203.9045
#1	-.000713	-.002024	-.001191	.0027833	-.000849	-.004922	-.000787
#2	-.004366	-.000063	-.000566	.0007443	.001238	.009682	.000720
#3	-.000699	-.001580	-.002129	.0025158	.000107	.028643	.002453

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000219	-.000056	-.022654	.0005368	-.000504	-.001725	.0020865
Stddev	.000112	.000142	.026094	.0011335	.000334	.001494	.0257164
%RSD	51.05107	252.0575	115.1847	211.1709	66.36346	86.60084	1232.482
#1	-.000315	.000106	-.008945	.0006378	-.000854	-.002285	-.018927
#2	-.000096	-.000116	-.052745	.0016163	-.000470	-.002859	.030763
#3	-.000248	-.000160	-.006272	-.000644	-.000188	-.000032	-.005576

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009962	-.080508	-.000036	.0006938	.8102140	-.003329	.0059061
Stddev	.0007439	.028713	.000674	.0005592	.3558459	.007197	.0054546
%RSD	74.66836	35.66520	1877.963	80.60154	43.91999	216.1778	92.35584
#1	.0003439	-.109611	-.000070	.0006534	1.107963	.002128	.0063096
#2	.0018063	-.079714	.000655	.0001559	.416114	-.000629	.0002609
#3	.0008385	-.052200	-.000692	.0012722	.906565	-.011485	.0111478

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0673749	-.000149	.0016487	-.000345	.0014830	-.001649	.0000904
Stddev	.1017774	.000982	.0017130	.000185	.0020424	.000874	.0007414
%RSD	151.0613	659.5897	103.9040	53.62880	137.7249	53.00854	820.0572
#1	-.048532	.000966	.0032695	-.000141	.0037251	-.000795	-.000592
#2	.108510	-.000889	-.000144	-.000503	-.000271	-.001610	.000879
#3	.142146	-.000523	.001820	-.000390	.000995	-.002543	-.000017

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165494BL Acquired: 12/18/2024 19:04:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS494 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003720	.0001426	.0092163
Stddev	.002340	.0002627	.0038149
%RSD	62.91069	184.2682	41.39353
#1	-.006091	-.000137	.0104311
#2	-.003657	.000181	.0122759
#3	-.001412	.000384	.0049419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2387.143	30075.02	2203.033	2060.484	2156.978
Stddev	7.314	164.38	9.666	8.432	4.997
%RSD	.3063730	.5465696	.4387641	.4092187	.2316882
#1	2380.178	30234.34	2212.941	2068.249	2151.319
#2	2386.489	29906.01	2193.628	2051.515	2160.785
#3	2394.762	30084.72	2202.528	2061.687	2158.829

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165494BS Acquired: 12/18/2024 19:08:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS494 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180494	.0508902	.0198012	.0654574	.1097877	.4104188
Stddev	.0029944	.0016505	.0011922	.0036298	.0010464	.0135131
%RSD	16.58991	3.243232	6.020792	5.545280	.9531375	3.292513
#1	.0171243	.0505313	.0184445	.0617597	.1102055	.4065027
#2	.0156268	.0526906	.0206814	.0655972	.1085969	.3992962
#3	.0213972	.0494486	.0202778	.0690153	.1105607	.4254574

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4111518	.0104817	.0096401	10.10676	.0207866	.1017526
Stddev	.0014152	.0001743	.0000751	.05215	.0010303	.0004345
%RSD	.3441941	1.662631	.7788553	.5160129	4.956543	.4269892
#1	.4095278	.0106386	.0095914	10.05766	.0218860	.1012785
#2	.4118067	.0105123	.0097265	10.16150	.0206308	.1018475
#3	.4121209	.0102941	.0096022	10.10113	.0198431	.1021317

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0520681	.2335581	.0334264	10.52147	.0772379	.0187355
Stddev	.0088261	.0328777	.0020814	.12619	.0011622	.0005721
%RSD	16.95108	14.07690	6.226872	1.199372	1.504655	3.053540
#1	.0419692	.1979381	.0311383	10.40873	.0772457	.0192359
#2	.0559306	.2399945	.0352075	10.65779	.0783961	.0188588
#3	.0583045	.2627417	.0339335	10.49790	.0760718	.0181118

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.73790	.1098636	.1199104	9.759797	.0166461	F -.002138
Stddev	.42846	.0079748	.0066783	.070297	.0011070	.000680
%RSD	3.990135	7.258826	5.569444	.7202668	6.650230	31.80256
#1	10.25963	.1042052	.1213548	9.701760	.0154023	-.002914
#2	10.86740	.1189844	.1257482	9.739667	.0175234	-.001854
#3	11.08667	.1064012	.1126280	9.837962	.0170125	-.001646

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165494BS Acquired: 12/18/2024 19:08:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS494 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193276	.1793465	F .4852506	.0131381	.1982912	.2113602
Stddev	.0001368	.0030323	.0033453	.0009086	.0035571	.0007482
%RSD	.7076836	1.690770	.6893926	6.915976	1.793890	.3540018
#1	.0193888	.1823059	.4874128	.0130999	.1979929	.2106675
#2	.0194230	.1762461	.4869416	.0140653	.2019882	.2121537
#3	.0191709	.1794875	.4813974	.0122492	.1948927	.2112593

Elem	Li6707
Units	ppm
Avg	.0385621
Stddev	.0039920
%RSD	10.35226
#1	.0420281
#2	.0341973
#3	.0394609

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.778	30746.37	2206.432	2123.528	2169.466
Stddev	10.249	1078.62	6.839	67.265	9.562
%RSD	.4247946	3.508114	.3099465	3.167616	.4407343
#1	2418.935	30125.80	2206.420	2079.132	2171.811
#2	2400.946	30121.46	2199.599	2090.532	2158.950
#3	2418.452	31991.85	2213.277	2200.920	2177.637

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165505BL Acquired: 12/18/2024 19:12:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS505 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003706	.0018869	.0007419	.0010778	.0002804	.0025253	-.000433
Stddev	.003692	.0017045	.0008247	.0020972	.0015483	.0062809	.000710
%RSD	99.61206	90.33667	111.1666	194.5787	552.1398	248.7198	164.0450
#1	-.003474	.0034379	.0009764	-.001339	.0015069	.0062979	-.001248
#2	-.007509	.0000620	.0014239	.002152	.0007937	.0060033	-.000098
#3	-.000136	.0021607	-.000175	.002421	-.001459	-.004725	.000048

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000129	-.000022	-.005395	.0011314	-.000069	.0013983	.0184761
Stddev	.000082	.000052	.010177	.0004836	.000337	.0105850	.0520622
%RSD	63.54450	237.3286	188.6329	42.74445	491.5698	756.9881	281.7817
#1	-.000124	-.000037	-.005123	.0007035	.000127	-.009743	.0672969
#2	-.000050	.000036	.004643	.0010347	.000125	.011321	.0244446
#3	-.000214	-.000064	-.015705	.0016561	-.000458	.002617	-.036313

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017125	.0395654	-.000029	.0002660	1.315357	-.001363	.0036160
Stddev	.0012224	.0703762	.000484	.0011926	1.038697	.003516	.0059125
%RSD	71.38311	177.8733	1666.198	448.4062	78.96694	257.9624	163.5125
#1	.0024039	-.024039	-.000123	-.000001	.119294	.001496	-.002264
#2	.0024324	.027564	.000495	.001569	1.990631	-.000296	.003552
#3	.0003010	.115170	-.000459	-.000771	1.836146	-.005289	.009560

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2756620	.0005469	-.005731	.0001051	.0026068	-.002442	-.000796
Stddev	.2591078	.0021618	.001126	.0001393	.0014713	.000713	.001124
%RSD	93.99475	395.2604	19.65523	132.5808	56.44331	29.21941	141.1544
#1	.1141249	-.001648	-.004567	-.000050	.0009625	-.001650	.000324
#2	.1383338	.002674	-.006815	.000146	.0030585	-.002641	-.001924
#3	.5745274	.000614	-.005812	.000219	.0037993	-.003034	-.000789

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165505BL Acquired: 12/18/2024 19:12:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS505 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003799	-.000258	.0050199
Stddev	.004016	.000326	.0033759
%RSD	105.7009	126.3618	67.25057
#1	-.004213	-.000610	.0013525
#2	-.007592	-.000199	.0079978
#3	.000407	.000034	.0057092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2413.311	30676.06	2199.797	2115.102	2170.544
Stddev	6.458	510.82	7.600	36.765	7.068
%RSD	.2676166	1.665193	.3454997	1.738229	.3256416
#1	2412.667	30367.69	2206.032	2097.287	2169.012
#2	2420.067	30394.81	2202.027	2090.638	2178.253
#3	2407.199	31265.70	2191.331	2157.381	2164.368

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165505BS Acquired: 12/18/2024 19:17:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS505 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0252573	.0516921	.0196338	.0643016	.1114844	.4306769
Stddev	.0088347	.0002545	.0032575	.0017498	.0027740	.0259314
%RSD	34.97876	.4924215	16.59139	2.721193	2.488237	6.021081
#1	.0341311	.0514050	.0210998	.0662599	.1124990	.4011271
#2	.0164622	.0518903	.0219008	.0637534	.1136083	.4496405
#3	.0251787	.0517809	.0159009	.0628916	.1083460	.4412630

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4182836	.0104683	.0098791	10.38756	.0213755	.1034964
Stddev	.0012647	.0000712	.0000633	.06790	.0004442	.0005616
%RSD	.3023458	.6801356	.6403512	.6537054	2.078149	.5426418
#1	.4196103	.0103970	.0099432	10.45845	.0210983	.1038927
#2	.4170918	.0104686	.0098167	10.32310	.0218878	.1037428
#3	.4181486	.0105394	.0098776	10.38114	.0211402	.1028537

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0513962	.1962408	.0341366	10.67913	.0788759	.0195883
Stddev	.0023012	.0302962	.0014189	.12135	.0008986	.0004737
%RSD	4.477352	15.43828	4.156526	1.136338	1.139281	2.418090
#1	.0535653	.2039636	.0351969	10.81676	.0792860	.0193716
#2	.0516409	.2219281	.0325248	10.63312	.0794964	.0192618
#3	.0489825	.1628306	.0346882	10.58751	.0778454	.0201316

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.87019	.1074199	.1198731	10.11232	.0163996	F -.003676
Stddev	.32977	.0081954	.0083652	.08308	.0004224	.003712
%RSD	3.033691	7.629331	6.978369	.8215851	2.575679	100.9650
#1	11.11255	.1074008	.1131329	10.08117	.0168847	-.001511
#2	10.49466	.0992341	.1172512	10.20648	.0162002	-.007963
#3	11.00335	.1156249	.1292352	10.04933	.0161137	-.001556

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165505BS Acquired: 12/18/2024 19:17:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS505 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195604	.1824861	F .4895646	.0138845	.2034515	.2150687
Stddev	.0005769	.0045179	.0036508	.0005191	.0027604	.0009051
%RSD	2.949231	2.475739	.7457222	3.738849	1.356812	.4208217
#1	.0192711	.1845184	.4909624	.0137187	.2064099	.2161038
#2	.0191854	.1773090	.4854214	.0144663	.2030000	.2144262
#3	.0202247	.1856309	.4923099	.0134686	.2009446	.2146761

Elem	Li6707
Units	ppm
Avg	.0377874
Stddev	.0025626
%RSD	6.781655
#1	.0367782
#2	.0358831
#3	.0407010

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.708	30405.62	2252.429	2094.194	2175.682
Stddev	.988	341.64	17.906	18.850	2.491
%RSD	.0407977	1.123604	.7949749	.9001141	.1144765
#1	2423.223	30742.65	2236.622	2111.055	2172.921
#2	2423.332	30059.55	2271.875	2073.843	2176.369
#3	2421.568	30414.68	2248.789	2097.685	2177.758

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165490BL Acquired: 12/18/2024 19:20:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS490 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003651	-.000851	-.002893	.0024115	-.001169	.0440486	.0006110
Stddev	.004712	.001662	.000917	.0035402	.001291	.0197531	.0009231
%RSD	129.0623	195.2113	31.70560	146.8017	110.4738	44.84385	151.0846
#1	.000553	-.001348	-.002864	-.000955	.000136	.0606820	.0013485
#2	-.002762	-.002208	-.001990	.002086	-.002446	.0222159	.0009087
#3	-.008744	.001002	-.003824	.006103	-.001197	.0492478	-.000424

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000059	-.000107	-.013350	-.000128	-.000272	-.004716	.0056880
Stddev	.000126	.000106	.020754	.000583	.000343	.006632	.0442212
%RSD	213.5083	99.79807	155.4611	454.8353	126.1765	140.6371	777.4503
#1	-.000182	-.000225	-.037211	-.000779	-.000287	-.002641	-.040939
#2	-.000065	-.000076	.000509	.000044	.000079	.000631	.047029
#3	.000070	-.000019	-.003348	.000349	-.000607	-.012137	.010974

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0048893	-.036835	-.000151	.0001666	.8691541	-.001189	.0100144
Stddev	.0004716	.057171	.000462	.0003722	.2961632	.004489	.0059982
%RSD	9.645133	155.2084	306.9272	223.4177	34.07488	377.6286	59.89574
#1	.0047316	-.002108	-.000137	-.000043	.5278185	-.002994	.0137516
#2	.0045169	-.005577	-.000619	-.000054	1.057992	-.004494	.0030957
#3	.0054196	-.102821	.000305	.000596	1.021652	.003922	.0131958

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0874579	.0000669	-.004210	.0001516	.0062315	-.002765	-.001177
Stddev	.0439470	.0028071	.000726	.0004384	.0026156	.000605	.000176
%RSD	50.24939	4195.503	17.23557	289.1047	41.97406	21.86835	14.97394
#1	.1122237	.0030972	-.005033	.0005351	.0049740	-.002124	-.001007
#2	.1134329	-.002445	-.003933	-.000326	.0044821	-.003325	-.001359
#3	.0367170	-.000452	-.003664	.000246	.0092383	-.002846	-.001164

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165490BL Acquired: 12/18/2024 19:20:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS490 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002018	-.000007	.0065505
Stddev	.003247	.000129	.0019380
%RSD	160.8877	1730.324	29.58482
#1	-.005259	.000086	.0044769
#2	-.002028	.000047	.0083158
#3	.001234	-.000155	.0068589

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.470	30283.86	2211.720	2086.550	2179.260
Stddev	13.094	112.93	8.653	2.558	9.348
%RSD	.5414040	.3729137	.3912346	.1226060	.4289730
#1	2430.530	30177.07	2220.445	2083.618	2187.242
#2	2420.338	30272.44	2211.573	2088.331	2181.564
#3	2404.543	30402.06	2203.141	2087.699	2168.976

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165490BS Acquired: 12/18/2024 19:25:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS490 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0193128	.0510027	.0176435	.0631762	.1122469	.4168431
Stddev	.0024305	.0024148	.0010008	.0016381	.0023109	.0106193
%RSD	12.58469	4.734575	5.672497	2.592830	2.058802	2.547559
#1	.0211464	.0497739	.0171435	.0633498	.1113926	.4182388
#2	.0165560	.0537847	.0169912	.0614583	.1104847	.4266955
#3	.0202360	.0494494	.0187958	.0647206	.1148633	.4055949

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4221562	.0108296	.0098742	10.39819	.0212173	.1034646
Stddev	.0012606	.0001764	.0001702	.03690	.0002126	.0003185
%RSD	.2986125	1.628669	1.723708	.3548465	1.002056	.3077928
#1	.4235255	.0106317	.0100528	10.41923	.0212327	.1036939
#2	.4210439	.0109701	.0097138	10.35559	.0214218	.1035989
#3	.4218991	.0108871	.0098559	10.41976	.0209974	.1031010

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538908	.1914589	.0340152	10.78463	.0787748	.0191909
Stddev	.0013953	.0384307	.0010027	.16257	.0003157	.0009542
%RSD	2.589022	20.07255	2.947745	1.507419	.4007793	4.972333
#1	.0530879	.2316097	.0329018	10.78834	.0790205	.0200908
#2	.0530827	.1877497	.0342971	10.62023	.0788852	.0192916
#3	.0555019	.1550173	.0348468	10.94531	.0784187	.0181903

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39191	.1082531	.1303196	10.20238	.0181800	F -.002159
Stddev	.59658	.0151903	.0097879	.15974	.0029189	.001377
%RSD	5.236890	14.03215	7.510653	1.565694	16.05554	63.77151
#1	10.80753	.1039136	.1204208	10.07202	.0195191	-.001435
#2	11.99998	.0957049	.1305454	10.15456	.0201891	-.001294
#3	11.36821	.1251409	.1399926	10.38057	.0148318	-.003746

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165490BS Acquired: 12/18/2024 19:25:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS490 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198173	.1873266	F .4958701	.0139792	.2055271	.2169201
Stddev	.0004454	.0022286	.0066170	.0002553	.0016095	.0008052
%RSD	2.247398	1.189673	1.334425	1.826103	.7831272	.3711808
#1	.0193045	.1856043	.5025511	.0139692	.2070426	.2165105
#2	.0201077	.1898436	.4957402	.0142393	.2057011	.2164020
#3	.0200397	.1865319	.4893190	.0137291	.2038377	.2178477

Elem	Li6707
Units	ppm
Avg	F .0421544
Stddev	.0032937
%RSD	7.813304
#1	.0427770
#2	.0450922
#3	.0385938

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2391.678	30044.97	2197.787	2065.018	2153.244
Stddev	8.180	20.61	16.896	5.241	5.575
%RSD	.3420349	.0686088	.7687644	.2538142	.2589199
#1	2388.637	30028.82	2180.580	2070.965	2148.455
#2	2400.944	30037.90	2198.429	2063.021	2159.364
#3	2385.454	30068.19	2214.353	2061.069	2151.912

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165505BS Acquired: 12/18/2024 19:28:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS505 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0185250	.0497775	.0186734	.0653515	.1092956	.4171607
Stddev	.0028508	.0014717	.0010323	.0024664	.0026663	.0263619
%RSD	15.38882	2.956475	5.528270	3.774071	2.439554	6.319367
#1	.0157560	.0504984	.0197181	.0634074	.1062299	.3870076
#2	.0214510	.0480844	.0176539	.0681259	.1105831	.4286256
#3	.0183681	.0507498	.0186481	.0645213	.1110739	.4358489

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4136086	.0105442	.0097497	10.16669	.0213666	.1018466
Stddev	.0009491	.0000493	.0001766	.03549	.0007981	.0008180
%RSD	.2294554	.4674012	1.810935	.3490866	3.735044	.8031522
#1	.4125197	.0105887	.0095514	10.12919	.0222522	.1009026
#2	.4140460	.0105525	.0098078	10.17113	.0207032	.1023457
#3	.4142601	.0104912	.0098899	10.19975	.0211443	.1022915

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0456788	.1978526	.0338922	10.52049	.0776171	.0190363
Stddev	.0105547	.0083118	.0017024	.07684	.0006220	.0001324
%RSD	23.10638	4.201012	5.023021	.7303676	.8013825	.6956510
#1	.0416725	.1945854	.0327320	10.44049	.0769038	.0189652
#2	.0377138	.2073016	.0358466	10.52726	.0780466	.0189546
#3	.0576501	.1916709	.0330980	10.59372	.0779010	.0191891

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.11697	.1075088	.1164548	10.11771	.0185222	F -.005628
Stddev	.38084	.0049282	.0017259	.11525	.0012386	.002248
%RSD	3.425712	4.584037	1.482059	1.139073	6.686953	39.94783
#1	10.86916	.1131918	.1167366	9.98467	.0172057	-.007775
#2	11.55548	.1049235	.1146053	10.18710	.0196644	-.003291
#3	10.92627	.1044112	.1180225	10.18134	.0186963	-.005818

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165505BS Acquired: 12/18/2024 19:28:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS505 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195458	.1809851	F .4873170	.0128545	.2021165	.2130399
Stddev	.0005770	.0081093	.0018750	.0017119	.0024194	.0011104
%RSD	2.952084	4.480631	.3847554	13.31776	1.197035	.5212358
#1	.0198973	.1750448	.4894235	.0128600	.2000130	.2119352
#2	.0198602	.1902238	.4858306	.0145638	.2047604	.2141560
#3	.0188799	.1776866	.4866970	.0111399	.2015762	.2130285

Elem	Li6707
Units	ppm
Avg	F .0407513
Stddev	.0055660
%RSD	13.65838
#1	.0370966
#2	.0471571
#3	.0380002

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.514	30320.15	2203.541	2078.392	2165.233
Stddev	17.629	205.04	8.473	14.752	13.734
%RSD	.7322611	.6762369	.3844970	.7097767	.6342746
#1	2427.849	30165.34	2197.383	2062.202	2180.890
#2	2396.530	30552.69	2200.037	2091.073	2155.222
#3	2398.164	30242.43	2213.203	2081.902	2159.589

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-01 Acquired: 12/18/2024 19:32:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL80 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1042840	-.044130	.3346667	.0706365	.0224262	55.06938	.5837655
Stddev	.0050820	.001258	.0039806	.0025413	.0014596	.27299	.0033619
%RSD	4.873220	2.850990	1.189436	3.597695	6.508479	.4957202	.5758932
#1	.1051203	-.044376	.3326181	.0735104	.0207418	54.91647	.5802943
#2	.0988357	-.042767	.3392544	.0697130	.0233174	54.90711	.5839961
#3	.1088959	-.045247	.3321276	.0686861	.0232195	55.38455	.5870061

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067751	.0050693	107.8042	.0753469	.1138870	.2597652	160.6033
Stddev	.0000263	.0001653	.3502	.0012665	.0017321	.0059175	.5890
%RSD	.3886785	3.260720	.3248379	1.680844	1.520867	2.277998	.3667377
#1	.0067782	.0050162	107.6543	.0757375	.1119347	.2594210	160.1870
#2	.0067474	.0052546	107.5539	.0763721	.1152391	.2658472	160.3458
#3	.0067998	.0049371	108.2044	.0739312	.1144874	.2540273	161.2772

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.947291	44.10604	.1415067	.0059118	.8850122	.1517000	.5715793
Stddev	.053944	.21491	.0032167	.0003807	.1089396	.0048634	.0141025
%RSD	.5422988	.4872665	2.273182	6.439675	12.30939	3.205913	2.467290
#1	9.923664	44.18039	.1379563	.0063434	.7803156	.1503145	.5630987
#2	9.909191	43.86382	.1442269	.0057679	.9977493	.1476797	.5878587
#3	10.00902	44.27391	.1423371	.0056240	.8769716	.1571058	.5637805

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.342148	4.945323	.0044700	.0039841	1.531554	7.642367	.0301000
Stddev	.063143	.098781	.0044800	.0002668	.032179	.062169	.0023326
%RSD	1.889306	1.997462	100.2233	6.697194	2.101079	.8134795	7.749338
#1	3.415002	4.838804	-.000682	.0040839	1.496338	7.685895	.0326955
#2	3.303211	5.033909	.006641	.0036817	1.559427	7.571166	.0281792
#3	3.308231	4.963257	.007451	.0041865	1.538898	7.670039	.0294251

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-01 Acquired: 12/18/2024 19:32:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL80 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7004340	-.045430	.0738166
Stddev	.0058665	.000582	.0049817
%RSD	.8375527	1.281584	6.748738
#1	.6974373	-.044817	.0693156
#2	.6966711	-.045976	.0729648
#3	.7071936	-.045497	.0791692

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3166.067	39250.89	2929.802	2702.443	2132.954
Stddev	34.529	155.98	20.564	15.838	36.984
%RSD	1.090592	.3974024	.7018947	.5860674	1.733938
#1	3204.858	39204.13	2926.069	2701.124	2173.975
#2	3138.692	39123.63	2951.976	2687.305	2102.158
#3	3154.650	39424.90	2911.359	2718.899	2122.730

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-02 Acquired: 12/18/2024 19:36:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL81 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0680785	-.019438	.2023376	.0434793	.0119104	45.40667
Stddev	.0032595	.004133	.0044051	.0032478	.0009147	.13337
%RSD	4.787894	21.26403	2.177111	7.469744	7.679426	.2937126
#1	.0717861	-.024026	.1973812	.0461818	.0128675	45.49025
#2	.0667860	-.018281	.2038257	.0443799	.0118186	45.47690
#3	.0656634	-.016007	.2058060	.0398763	.0110451	45.25287

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4154979	.0051896	.0046211	401.6150	.0685241	.1179535
Stddev	.0021942	.0000272	.0000992	.6307	.0007340	.0019305
%RSD	.5280952	.5243997	2.146786	.1570351	1.071108	1.636693
#1	.4158296	.0051741	.0045312	401.8664	.0690103	.1157329
#2	.4175074	.0051737	.0046047	402.0811	.0688823	.1192337
#3	.4131568	.0052210	.0047275	400.8974	.0676799	.1188938

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2562286	126.6235	8.788937	103.6967	.1423408	.0044023
Stddev	.0073621	.3666	.036083	.2951	.0024371	.0006026
%RSD	2.873255	.2895474	.4105490	.2845327	1.712183	13.68854
#1	.2567392	126.6388	8.780215	103.6563	.1395364	.0037192
#2	.2633221	126.9822	8.828582	104.0099	.1435406	.0046290
#3	.2486245	126.2495	8.758015	103.4239	.1439454	.0048586

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.535351	.1224127	.4618679	3.002119	F 27.01100	.0193997
Stddev	.440049	.0032211	.0145856	.044726	.39431	.0005497
%RSD	28.66115	2.631307	3.157956	1.489827	1.459828	2.833309
#1	1.538420	.1250642	.4772908	3.045243	26.55849	.0187719
#2	1.093775	.1233457	.4482964	2.955947	27.28092	.0196332
#3	1.973858	.1188281	.4600165	3.005168	27.19360	.0197941

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-02 Acquired: 12/18/2024 19:36:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL81 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015238	1.780386	6.825971	.0308719	.6135188	.3343909
Stddev	.0006480	.028942	.040608	.0011016	.0052644	.0016374
%RSD	42.52285	1.625618	.5949007	3.568332	.8580593	.4896619
#1	.0022100	1.747310	6.811037	.0305030	.6129488	.3342521
#2	.0009225	1.801064	6.871931	.0300021	.6190450	.3360932
#3	.0014387	1.792785	6.794944	.0321107	.6085627	.3328273

Elem	Li6707
Units	ppm
Avg	.0873158
Stddev	.0010725
%RSD	1.228307
#1	.0879678
#2	.0860780
#3	.0879016

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.355	42219.54	3234.843	2903.621	1970.440
Stddev	28.101	117.28	16.132	16.233	24.589
%RSD	.8362655	.2777899	.4986976	.5590435	1.247900
#1	3392.456	42089.66	3237.767	2901.321	1998.438
#2	3340.202	42317.69	3217.449	2920.881	1952.353
#3	3348.406	42251.27	3249.313	2888.661	1960.530

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-03 Acquired: 12/18/2024 19:40:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0643531	-.017098	.1921208	.0339103	.0080891	44.15452
Stddev	.0017974	.002651	.0040499	.0053948	.0020301	.02081
%RSD	2.793100	15.50727	2.107980	15.90915	25.09633	.0471324
#1	.0664184	-.014767	.1893337	.0295140	.0098634	44.14042
#2	.0634979	-.019982	.1967663	.0322863	.0058753	44.14471
#3	.0631429	-.016544	.1902624	.0399306	.0085286	44.17842

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3265457	.0048321	.0033015	F 953.7393	.0635383	.1230174
Stddev	.0012288	.0000929	.0001290	1.0755	.0004909	.0002433
%RSD	.3762919	1.922529	3.908565	.1127653	.7725243	.1978107
#1	.3275583	.0047772	.0031631	954.5202	.0633363	.1231415
#2	.3251787	.0047797	.0034185	954.1850	.0631807	.1231736
#3	.3269002	.0049393	.0033228	952.5126	.0640979	.1227370

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2758810	134.1229	8.792580	245.8352	.1358132	.0042830
Stddev	.0014228	.2007	.024376	.4313	.0010415	.0015552
%RSD	.5157304	.1496621	.2772313	.1754627	.7668242	36.31051
#1	.2767665	133.9753	8.801608	245.6984	.1361473	.0051516
#2	.2766366	134.3515	8.764978	245.4889	.1346457	.0052099
#3	.2742398	134.0418	8.811154	246.3184	.1366465	.0024876

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.538881	.1282566	.6036737	4.730587	F 10.40658	.0251414
Stddev	.452013	.0032114	.0104173	.152578	.00449	.0031602
%RSD	17.80364	2.503888	1.725657	3.225345	.0431089	12.56991
#1	2.081589	.1316530	.6110537	4.807008	10.40845	.0220585
#2	2.985424	.1278474	.5917574	4.554900	10.40984	.0283737
#3	2.549631	.1252694	.6082101	4.829854	10.40147	.0249919

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-03 Acquired: 12/18/2024 19:40:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011552	1.333265	6.542108	.0330995	.8825410	.7467553
Stddev	.0002037	.018488	.016730	.0008067	.0032919	.0024077
%RSD	17.63433	1.386635	.2557344	2.437049	.3730008	.3224164
#1	.0012525	1.312206	6.553812	.0324905	.8847256	.7451647
#2	.0009211	1.346825	6.549567	.0327937	.8841425	.7455760
#3	.0012921	1.340763	6.522945	.0340143	.8787548	.7495253

Elem	Li6707
Units	ppm
Avg	.1062732
Stddev	.0021332
%RSD	2.007294
#1	.1086091
#2	.1057821
#3	.1044283

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2731.810	34339.38	2684.691	2350.441	1827.395
Stddev	2.235	188.74	14.030	19.670	4.473
%RSD	.0818034	.5496320	.5225945	.8368626	.2447799
#1	2730.574	34191.02	2669.171	2342.377	1826.474
#2	2734.390	34551.82	2688.424	2372.861	1832.257
#3	2730.467	34275.32	2696.476	2336.084	1823.454

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-04 Acquired: 12/18/2024 19:44:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0517895	-.017204	.1949377	.0283978	.0098498	44.97195
Stddev	.0021693	.001368	.0026950	.0024442	.0012478	.14407
%RSD	4.188644	7.951967	1.382489	8.607026	12.66791	.3203546
#1	.0520195	-.016666	.1918521	.0308660	.0085504	45.10536
#2	.0495143	-.016186	.1961310	.0283493	.0110385	44.81918
#3	.0538346	-.018759	.1968301	.0259783	.0099604	44.99131

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3310251	.0049657	.0033034	F 962.3780	.0643444	.1232910
Stddev	.0015841	.0001029	.0000824	2.2334	.0009548	.0019842
%RSD	.4785457	2.073103	2.494357	.2320751	1.483867	1.609352
#1	.3323312	.0050415	.0033534	964.2845	.0650649	.1210385
#2	.3292630	.0050070	.0033484	959.9207	.0632615	.1240538
#3	.3314811	.0048485	.0032083	962.9288	.0647069	.1247805

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2786898	136.1390	8.925413	249.9906	.1373635	.0037371
Stddev	.0059843	.4812	.042514	1.0540	.0018175	.0006336
%RSD	2.147292	.3534975	.4763220	.4216193	1.323160	16.95535
#1	.2766751	136.6541	8.970389	251.1434	.1388140	.0044508
#2	.2739728	135.7009	8.885887	249.0762	.1379517	.0035197
#3	.2854214	136.0621	8.919964	249.7524	.1353246	.0032408

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.451792	.1319652	.5965594	4.975520	F 10.43724	.0368113
Stddev	.577376	.0049070	.0116147	.088334	.00458	.0026915
%RSD	39.76992	3.718364	1.946948	1.775378	.0438808	7.311626
#1	.847286	.1351726	.5902979	5.023571	10.43541	.0396803
#2	1.510544	.1263164	.6099612	4.873576	10.43386	.0343420
#3	1.997546	.1344065	.5894189	5.029413	10.44245	.0364116

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-04 Acquired: 12/18/2024 19:44:29 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016764	1.344872	6.740331	.0340535	.9008447	.7583439
Stddev	.0005259	.006658	.079636	.0009766	.0057679	.0029001
%RSD	31.37120	.4950512	1.181491	2.867825	.6402722	.3824314
#1	.0010864	1.349925	6.832114	.0330569	.9050320	.7612881
#2	.0020960	1.347363	6.689552	.0340950	.9032364	.7554899
#3	.0018468	1.337328	6.699328	.0350088	.8942657	.7582537

Elem	Li6707
Units	ppm
Avg	.1052662
Stddev	.0028035
%RSD	2.663269
#1	.1068413
#2	.1020294
#3	.1069280

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.627	33977.79	2628.891	2317.749	1804.025
Stddev	9.670	173.00	13.740	17.171	5.443
%RSD	.3592762	.5091569	.5226586	.7408312	.3017300
#1	2702.785	34177.54	2615.872	2337.075	1810.274
#2	2685.674	33879.81	2643.254	2311.920	1801.484
#3	2686.423	33876.02	2627.547	2304.252	1800.316

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-03LX5 Acquired: 12/18/2024 19:48:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092577	.0154292	.0493210	-.009870	-.011160	10.73207	.0787561
Stddev	.0037570	.0012173	.0039070	.002313	.001680	.28773	.0029726
%RSD	40.58205	7.889323	7.921592	23.43965	15.05744	2.681007	3.774505
#1	.0095713	.0157209	.0452395	-.009878	-.013026	10.56770	.0778810
#2	.0128480	.0164741	.0496972	-.007552	-.009765	11.06431	.0820681
#3	.0053538	.0140926	.0530263	-.012179	-.010690	10.56421	.0763193

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012483	.0005091	233.3756	.0172813	.0553398	.0634222	33.58552
Stddev	.0000075	.0001395	6.4729	.0009051	.0005968	.0101600	.81439
%RSD	.5974945	27.40561	2.773598	5.237680	1.078443	16.01957	2.424838
#1	.0012546	.0006335	229.5530	.0173501	.0549802	.0725083	33.12608
#2	.0012401	.0005357	240.8492	.0163437	.0560287	.0653062	34.52582
#3	.0012502	.0003582	229.7245	.0181500	.0550104	.0524521	33.10465

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.216764	61.51090	.0246278	.0002636	.9902487	.0327953	.1691270
Stddev	.053525	1.61200	.0007520	.0002015	.4941867	.0105502	.0078546
%RSD	2.414533	2.620669	3.053612	76.42499	49.90531	32.16969	4.644229
#1	2.185473	60.51707	.0246047	.0001886	.4687518	.0431076	.1735005
#2	2.278568	63.37081	.0253912	.0001104	1.451624	.0332560	.1738215
#3	2.186253	60.64481	.0238876	.0004919	1.050370	.0220224	.1600592

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.183651	2.026053	.0052661	.0013818	.2861118	1.747205	.0092419
Stddev	.186341	.001265	.0026730	.0005340	.0030399	.036871	.0007518
%RSD	15.74287	.0624237	50.75898	38.64149	1.062470	2.110288	8.134780
#1	.988145	2.025319	.0038076	.0019906	.2839556	1.726866	.0088812
#2	1.359224	2.025326	.0036395	.0009930	.2847913	1.789766	.0101061
#3	1.203583	2.027513	.0083510	.0011619	.2895886	1.724983	.0087385

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-03LX5 Acquired: 12/18/2024 19:48:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2182670	.1811018	.0299667
Stddev	.0110248	.0032183	.0014010
%RSD	5.051041	1.777085	4.675301
#1	.2173428	.1789842	.0283566
#2	.2297247	.1848053	.0306352
#3	.2077334	.1795160	.0309081

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2433.107	30683.32	2267.058	2103.458	2005.216
Stddev	5.094	125.73	50.811	5.173	3.568
%RSD	.2093512	.4097813	2.241295	.2459087	.1779438
#1	2436.570	30648.64	2286.022	2101.848	2008.129
#2	2435.492	30578.56	2209.492	2099.282	2006.283
#3	2427.258	30822.75	2305.659	2109.244	2001.236

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-05 Acquired: 12/18/2024 19:52:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1380165	.0699524	.2302688	.1784599	.1586303	47.70058
Stddev	.0023133	.0002918	.0027408	.0054575	.0020338	.11963
%RSD	1.676084	.4171235	1.190237	3.058127	1.282068	.2507911
#1	.1402342	.0698615	.2334302	.1775846	.1595064	47.72604
#2	.1381970	.0702789	.2285625	.1843023	.1600792	47.80544
#3	.1356182	.0697170	.2288137	.1734930	.1563053	47.57028

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.631844	.0877246	.1001627	F 954.0530	.3921226	1.083930
Stddev	.007779	.0004958	.0001283	.6920	.0035452	.001749
%RSD	.2141909	.5652132	.1281295	.0725288	.9041143	.1613480
#1	3.636909	.0882947	.1002986	954.8324	.3932079	1.085143
#2	3.635737	.0873938	.1000436	953.5109	.3949983	1.081925
#3	3.622887	.0874853	.1001459	953.8157	.3881616	1.084722

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6575152	135.9462	9.605509	246.2914	1.108043	.0661394
Stddev	.0043687	.0376	.023006	.6438	.000480	.0008307
%RSD	.6644214	.0276807	.2395033	.2613878	.0433069	1.255946
#1	.6535595	135.9045	9.616395	246.6239	1.107820	.0656499
#2	.6567820	135.9567	9.621052	246.7009	1.108593	.0670985
#3	.6622041	135.9776	9.579081	245.5494	1.107714	.0656698

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.078903	.9693226	1.381216	5.079514	F 10.42099	.0257944
Stddev	.424977	.0027670	.016939	.093176	.01583	.0024637
%RSD	20.44238	.2854570	1.226361	1.834343	.1519154	9.551118
#1	2.004513	.9719259	1.375456	4.979481	10.40648	.0229571
#2	2.536163	.9664167	1.400283	5.163835	10.41862	.0270347
#3	1.696031	.9696252	1.367907	5.095227	10.43787	.0273914

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-05 Acquired: 12/18/2024 19:52:13 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL82S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006593	1.427616	6.808028	.0352628	.8960262	.7476917
Stddev	.0011430	.011720	.022722	.0003200	.0055429	.0008347
%RSD	173.3701	.8209625	.3337538	.9075895	.6186147	.1116361
#1	-.000144	1.414178	6.833787	.0353972	.9001435	.7475042
#2	.001968	1.432947	6.799465	.0354937	.8982114	.7486042
#3	.000154	1.435724	6.790832	.0348975	.8897237	.7469667

Elem	Li6707
Units	ppm
Avg	.1032419
Stddev	.0025454
%RSD	2.465479
#1	.1060689
#2	.1011319
#3	.1025248

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2712.514	34343.30	2658.005	2345.561	1818.425
Stddev	2.609	361.18	3.515	25.989	1.701
%RSD	.0961969	1.051669	.1322582	1.108022	.0935634
#1	2711.990	34308.63	2656.112	2348.919	1816.571
#2	2710.207	34000.71	2655.843	2318.056	1819.915
#3	2715.346	34720.57	2662.062	2369.708	1818.788

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-06 Acquired: 12/18/2024 19:56:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL83 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0602142	-.011749	.2251660	.0237982	.0057720	35.46191
Stddev	.0038597	.003404	.0015200	.0036524	.0032439	.26752
%RSD	6.409934	28.97467	.6750700	15.34753	56.19947	.7543861
#1	.0560683	-.007837	.2257226	.0269305	.0032410	35.21804
#2	.0637034	-.013368	.2263294	.0246777	.0094288	35.74804
#3	.0608708	-.014041	.2234462	.0197863	.0046463	35.41964

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3205540	.0047593	.0029163	F 871.2446	.0621054	.1009661
Stddev	.0020461	.0000928	.0000258	7.7535	.0006362	.0009626
%RSD	.6382989	1.949466	.8852767	.8899288	1.024335	.9534062
#1	.3195402	.0047795	.0029446	864.7710	.0624999	.1007864
#2	.3229091	.0046581	.0028940	879.8373	.0613715	.1020059
#3	.3192128	.0048403	.0029104	869.1256	.0624448	.1001060

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1859067	115.3101	5.386369	100.0389	.0976760	.0060323
Stddev	.0093283	.9261	.053440	.7548	.0002968	.0008132
%RSD	5.017727	.8031591	.9921395	.7545032	.3038766	13.48160
#1	.1751355	114.5494	5.346219	99.4622	.0978371	.0051621
#2	.1912336	116.3414	5.447026	100.8932	.0973335	.0067731
#3	.1913509	115.0396	5.365864	99.7613	.0978575	.0061618

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.713589	.1005453	.5350295	4.329276	5.533132	.0300258
Stddev	.674107	.0042367	.0112978	.179577	.015569	.0041938
%RSD	39.33891	4.213704	2.111616	4.147958	.2813859	13.96714
#1	1.050734	.1045711	.5366513	4.123374	5.537002	.0255216
#2	2.398411	.0961253	.5230085	4.453462	5.515993	.0338179
#3	1.691623	.1009396	.5454287	4.410991	5.546402	.0307380

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-06 Acquired: 12/18/2024 19:56:00 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL83 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005057	1.110277	5.974628	.0304169	.3623924	.7541466
Stddev	.0002603	.005684	.013194	.0023468	.0062056	.0059636
%RSD	51.47044	.5119851	.2208331	7.715371	1.712390	.7907791
#1	.0005614	1.111043	5.980517	.0282827	.3556387	.7488979
#2	.0002221	1.104249	5.983852	.0300378	.3678427	.7606314
#3	.0007337	1.115540	5.959516	.0329301	.3636959	.7529104

Elem	Li6707
Units	ppm
Avg	.0784166
Stddev	.0029176
%RSD	3.720702
#1	.0754958
#2	.0784228
#3	.0813311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2689.620	33625.55	2587.675	2316.889	1903.727
Stddev	11.396	239.81	15.337	18.939	4.899
%RSD	.4237106	.7131757	.5926902	.8174294	.2573361
#1	2676.462	33598.67	2587.221	2323.073	1898.095
#2	2696.321	33400.32	2572.571	2295.631	1906.085
#3	2696.078	33877.67	2603.235	2331.963	1907.000

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-07 Acquired: 12/18/2024 19:59:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL84 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1212642	-.052019	3.801032	.0731603	.0249219	63.95859
Stddev	.0082531	.003291	.001772	.0002840	.0022684	.26100
%RSD	6.805852	6.325948	.0466071	.3882444	9.101871	.4080749
#1	.1219917	-.051901	3.800162	.0734596	.0261943	63.66036
#2	.1291295	-.055367	3.803070	.0728945	.0262685	64.14529
#3	.1126715	-.048789	3.799863	.0731269	.0223030	64.07013

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.813704	.0075525	.0122809	177.0254	.2669146	.1411549
Stddev	.007638	.0000969	.0001445	.3894	.0009810	.0004107
%RSD	.4211096	1.282710	1.176418	.2199776	.3675402	.2909635
#1	1.806288	.0074737	.0123155	176.7188	.2676956	.1416291
#2	1.821546	.0076606	.0121223	177.4635	.2672348	.1409174
#3	1.813277	.0075231	.0124050	176.8938	.2658136	.1409181

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4558548	168.5279	7.646773	45.58179	.5034540	.0132635
Stddev	.0024715	.8523	.032461	.21136	.0011607	.0004905
%RSD	.5421742	.5057319	.4245109	.4636946	.2305485	3.697753
#1	.4584506	167.5643	7.610285	45.36859	.5047775	.0131481
#2	.4555837	169.1830	7.657589	45.79126	.5029754	.0138013
#3	.4535299	168.8364	7.672446	45.58553	.5026091	.0128410

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.468014	.1811394	2.781438	8.095003	F 17.74756	.0311591
Stddev	.446441	.0064274	.020251	.124671	.01326	.0034298
%RSD	30.41125	3.548332	.7280877	1.540101	.0747168	11.00721
#1	1.644409	.1843347	2.761502	8.088572	17.74056	.0283536
#2	.960324	.1737405	2.801991	8.222765	17.73927	.0349826
#3	1.799308	.1853429	2.780821	7.973671	17.76286	.0301410

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-07 Acquired: 12/18/2024 19:59:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL84 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0092703	4.714443	8.262571	.2625859	.8361065	.1366774
Stddev	.0001313	.010842	.028398	.0023454	.0039541	.0009643
%RSD	1.416267	.2299738	.3436983	.8931834	.4729221	.7055090
#1	.0092783	4.702035	8.242308	.2607342	.8340700	.1355699
#2	.0091352	4.719200	8.250376	.2618003	.8406638	.1373304
#3	.0093974	4.722093	8.295030	.2652232	.8335858	.1371319

Elem	Li6707
Units	ppm
Avg	.1169425
Stddev	.0026113
%RSD	2.233004
#1	.1140150
#2	.1190319
#3	.1177807

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2895.479	36234.28	2721.927	2512.925	2082.011
Stddev	3.381	155.82	4.807	5.266	2.337
%RSD	.1167768	.4300314	.1766120	.2095663	.1122337
#1	2892.660	36073.26	2725.658	2506.854	2080.895
#2	2894.550	36245.27	2723.622	2516.265	2080.442
#3	2899.228	36384.32	2716.502	2515.655	2084.697

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-08 Acquired: 12/18/2024 20:03:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL85 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1203313	-.050593	4.149405	.0720862	.0247021	70.24151
Stddev	.0066229	.002744	.002925	.0016940	.0009758	.59241
%RSD	5.503928	5.423893	.0704852	2.349988	3.950264	.8433884
#1	.1159530	-.047424	4.147484	.0711301	.0257861	70.07582
#2	.1170903	-.052153	4.147959	.0710863	.0244266	69.74959
#3	.1279506	-.052201	4.152771	.0740421	.0238937	70.89913

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.020013	.0080966	.0125834	188.4638	.2765664	.1196335
Stddev	.015543	.0001722	.0000431	1.5075	.0018012	.0006924
%RSD	.7694350	2.127211	.3425041	.7999069	.6512717	.5787637
#1	2.017640	.0079468	.0125598	188.5131	.2775473	.1189960
#2	2.005793	.0080581	.0126331	186.9322	.2744876	.1203701
#3	2.036605	.0082848	.0125573	189.9460	.2776642	.1195345

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5285585	171.7057	7.361376	47.08454	.2117895	.0114543
Stddev	.0009802	1.6792	.050549	.31742	.0008500	.0013222
%RSD	.1854394	.9779791	.6866831	.6741459	.4013218	11.54284
#1	.5296438	171.5135	7.339433	46.99515	.2115515	.0099334
#2	.5282940	170.1308	7.325507	46.82141	.2127331	.0120999
#3	.5277378	173.4727	7.419189	47.43708	.2110839	.0123297

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.693266	.1845172	3.152466	8.099190	F 16.82496	.0349025
Stddev	.407966	.0053061	.047742	.118851	.01683	.0024924
%RSD	24.09346	2.875685	1.514445	1.467447	.1000034	7.140997
#1	1.481169	.1822961	3.204049	8.089488	16.81462	.0374987
#2	1.435038	.1806825	3.143520	7.985487	16.81589	.0346798
#3	2.163592	.1905729	3.109830	8.222595	16.84438	.0325289

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-08 Acquired: 12/18/2024 20:03:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL85 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0093575	3.860046	8.734574	.3165505	.8204635	.1292352
Stddev	.0003512	.006608	.136138	.0032383	.0100257	.0010258
%RSD	3.752861	.1711879	1.558608	1.022993	1.221951	.7937619
#1	.0089706	3.852483	8.647640	.3132172	.8125821	.1290347
#2	.0094459	3.864703	8.664616	.3196846	.8170608	.1283244
#3	.0096561	3.862952	8.891466	.3167498	.8317477	.1303465

Elem	Li6707
Units	ppm
Avg	.1191814
Stddev	.0048065
%RSD	4.032887
#1	.1145108
#2	.1241131
#3	.1189202

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2827.857	35218.82	2651.545	2431.521	2081.782
Stddev	10.568	163.28	30.372	9.896	4.686
%RSD	.3737098	.4636053	1.145449	.4069844	.2250891
#1	2817.549	35064.69	2678.187	2420.101	2077.037
#2	2827.356	35389.92	2657.977	2437.566	2081.902
#3	2838.667	35201.84	2618.473	2436.897	2086.406

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-09 Acquired: 12/18/2024 20:07:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL86 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1383788	-.039777	3.703129	.0591520	.0221085	65.22271
Stddev	.0068166	.002873	.016999	.0016069	.0030072	.03669
%RSD	4.926023	7.222833	.4590489	2.716561	13.60215	.0562525
#1	.1306551	-.037030	3.695224	.0574419	.0230683	65.22450
#2	.1409277	-.042762	3.691522	.0593835	.0245187	65.25847
#3	.1435536	-.039540	3.722641	.0606306	.0187386	65.18515

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.071907	.0080906	.0121355	252.3227	.2021797	.1190437
Stddev	.004031	.0000462	.0000775	.2104	.0014295	.0005417
%RSD	.1945527	.5715380	.6387689	.0833933	.7070311	.4550344
#1	2.072074	.0080424	.0121411	252.5580	.2005615	.1187156
#2	2.075852	.0080946	.0120553	252.2575	.2032706	.1187467
#3	2.067795	.0081346	.0122101	252.1526	.2027069	.1196690

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6663466	159.7468	7.363781	61.40977	.1877770	.0105345
Stddev	.0053476	.0745	.019801	.26047	.0004749	.0005816
%RSD	.8025269	.0466548	.2688993	.4241429	.2529066	5.520606
#1	.6667942	159.7542	7.363503	61.21648	.1875914	.0111137
#2	.6607893	159.6689	7.383720	61.70597	.1874229	.0099506
#3	.6714564	159.8174	7.344121	61.30687	.1883167	.0105391

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.485075	.1762132	2.460687	8.138502	F 16.89674	.0399452
Stddev	.185691	.0017465	.027255	.111089	.07733	.0012342
%RSD	12.50381	.9911451	1.107616	1.364982	.4576800	3.089606
#1	1.409568	.1776306	2.485416	8.166624	16.86681	.0396121
#2	1.696625	.1742621	2.431465	8.016055	16.83885	.0413116
#3	1.349033	.1767470	2.465180	8.232828	16.98457	.0389117

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-09 Acquired: 12/18/2024 20:07:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL86 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056736	3.568971	8.507794	.2201633	.7708272	.2615077
Stddev	.0006638	.020028	.084612	.0020962	.0014244	.0006708
%RSD	11.70038	.5611800	.9945243	.9521127	.1847853	.2565153
#1	.0059833	3.548808	8.413102	.2184726	.7724328	.2610622
#2	.0049115	3.569242	8.575980	.2195086	.7703330	.2622792
#3	.0061259	3.588862	8.534301	.2225088	.7697156	.2611817

Elem	Li6707
Units	ppm
Avg	.1178153
Stddev	.0050501
%RSD	4.286487
#1	.1120174
#2	.1201739
#3	.1212547

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2825.102	35528.03	2648.619	2444.958	2027.149
Stddev	7.132	146.46	14.663	5.152	5.750
%RSD	.2524463	.4122493	.5536053	.2107162	.2836253
#1	2817.813	35678.86	2663.526	2441.667	2025.116
#2	2832.066	35518.88	2634.213	2450.895	2033.639
#3	2825.426	35386.36	2648.119	2442.311	2022.693

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-10 Acquired: 12/18/2024 20:11:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL87 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1309959	-.032845	2.509605	.0527409	.0174592	58.72232
Stddev	.0070553	.004903	.017830	.0024459	.0016670	.06804
%RSD	5.385894	14.92671	.7104843	4.637590	9.547829	.1158704
#1	.1356195	-.033838	2.490355	.0500400	.0187998	58.74341
#2	.1228752	-.027522	2.512908	.0548063	.0179852	58.77733
#3	.1344931	-.037175	2.525554	.0533764	.0155927	58.64624

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.722905	.0067140	.0075447	284.2077	.1444939	.1133322
Stddev	.003856	.0001900	.0001422	.5659	.0018150	.0009107
%RSD	.2238140	2.829359	1.884430	.1991173	1.256101	.8036021
#1	1.722467	.0064979	.0074845	283.7192	.1461854	.1123599
#2	1.726961	.0067889	.0074425	284.8278	.1425766	.1134715
#3	1.719286	.0068550	.0077070	284.0762	.1447198	.1141653

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.103974	143.6852	7.708545	45.89394	.1578122	.0078551
Stddev	.009366	.1631	.014318	.21179	.0018403	.0001757
%RSD	.8484331	.1135090	.1857367	.4614766	1.166153	2.236964
#1	1.110816	143.5218	7.705690	46.05652	.1558421	.0076897
#2	1.093299	143.8480	7.724075	45.97085	.1594871	.0080395
#3	1.107808	143.6860	7.695870	45.65444	.1581072	.0078361

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.674876	.1433559	1.691761	8.601072	F 13.45509	.0531506
Stddev	.086773	.0063849	.012985	.095390	.08918	.0028529
%RSD	5.180837	4.453845	.7675196	1.109052	.6627919	5.367635
#1	1.769370	.1364035	1.705637	8.493048	13.35355	.0528868
#2	1.598772	.1489569	1.679903	8.636448	13.49102	.0561263
#3	1.656486	.1447072	1.689744	8.673721	13.52071	.0504387

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-10 Acquired: 12/18/2024 20:11:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL87 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0034237	3.323295	8.333954	.1573915	.6171268	.2452367
Stddev	.0003927	.022517	.015011	.0019304	.0009433	.0013087
%RSD	11.47064	.6775562	.1801144	1.226468	.1528514	.5336580
#1	.0034125	3.298874	8.319244	.1551978	.6181925	.2454192
#2	.0038219	3.327779	8.349248	.1581458	.6167888	.2464446
#3	.0030367	3.343234	8.333371	.1588307	.6163991	.2438463

Elem	Li6707
Units	ppm
Avg	.1067545
Stddev	.0033290
%RSD	3.118397
#1	.1060638
#2	.1103747
#3	.1038250

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2799.961	35216.45	2629.438	2419.820	2035.782
Stddev	7.883	359.59	13.565	34.510	10.585
%RSD	.2815265	1.021085	.5159050	1.426148	.5199649
#1	2809.063	34801.75	2621.477	2380.230	2047.893
#2	2795.445	35441.81	2621.736	2443.539	2031.158
#3	2795.374	35405.78	2645.101	2435.692	2028.296

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-11 Acquired: 12/18/2024 20:15:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL88 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1063785	-.044760	1.028576	.0655125	.0246370	59.08238
Stddev	.0032597	.005127	.025815	.0034568	.0013159	.09427
%RSD	3.064268	11.45415	2.509767	5.276470	5.341297	.1595621
#1	.1099702	-.047078	1.007511	.0684121	.0231178	59.02419
#2	.1055577	-.038883	1.020843	.0664382	.0254231	59.03180
#3	.1036076	-.048318	1.057374	.0616871	.0253701	59.19115

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.333494	.0068135	.0065244	130.5074	.1070269	.1142578
Stddev	.001181	.0002379	.0002219	.3051	.0006971	.0035669
%RSD	.0885343	3.491072	3.401239	.2337577	.6513554	3.121801
#1	1.332703	.0069748	.0063717	130.6657	.1071287	.1110015
#2	1.332929	.0069254	.0064226	130.1557	.1076676	.1137018
#3	1.334851	.0065403	.0067790	130.7007	.1062845	.1180700

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3266164	154.4541	8.475581	33.10846	.1576969	.0065429
Stddev	.0012990	.1389	.014431	.01776	.0047563	.0002577
%RSD	.3977097	.0899103	.1702610	.0536508	3.016073	3.938745
#1	.3263873	154.4555	8.460866	33.12898	.1531725	.0068387
#2	.3280147	154.3145	8.476169	33.09831	.1572629	.0063670
#3	.3254472	154.5922	8.489709	33.09811	.1626553	.0064230

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.293418	.1648303	.9284598	5.500732	F 18.69307	.0280060
Stddev	.270660	.0054858	.0148038	.045996	.48353	.0007949
%RSD	20.92598	3.328118	1.594451	.8361771	2.586680	2.838270
#1	1.571986	.1606639	.9451608	5.462822	18.29449	.0281502
#2	1.276842	.1627814	.9232656	5.551901	18.55375	.0271489
#3	1.031427	.1710456	.9169531	5.487474	19.23096	.0287190

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-11 Acquired: 12/18/2024 20:15:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL88 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0045094	2.778548	8.225879	.0830840	.5988560	.0946619
Stddev	.0001008	.065977	.020634	.0047539	.0015123	.0000096
%RSD	2.235297	2.374527	.2508413	5.721761	.2525253	.0101484
#1	.0043972	2.721595	8.245564	.0802747	.6001601	.0946730
#2	.0045924	2.763204	8.227662	.0804046	.5992097	.0946558
#3	.0045387	2.850846	8.204412	.0885728	.5971983	.0946568

Elem	Li6707
Units	ppm
Avg	.0978285
Stddev	.0014253
%RSD	1.456905
#1	.0994337
#2	.0973400
#3	.0967116

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3083.231	39152.56	2892.755	2702.783	2075.180
Stddev	57.888	250.29	3.800	22.119	50.577
%RSD	1.877499	.6392607	.1313658	.8183623	2.437246
#1	3122.102	39009.71	2888.777	2689.183	2113.822
#2	3110.889	39006.41	2896.348	2690.860	2093.780
#3	3016.702	39441.56	2893.138	2728.305	2017.936

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-12 Acquired: 12/18/2024 20:18:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL89 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0511320	-.005166	.1865262	.0462207	.0094798	36.47517
Stddev	.0058574	.001670	.0009226	.0053556	.0029663	.31040
%RSD	11.45549	32.33198	.4946458	11.58705	31.29108	.8510002
#1	.0533056	-.007014	.1872899	.0514224	.0097016	36.59867
#2	.0555918	-.004719	.1867877	.0465162	.0064088	36.70482
#3	.0444985	-.003765	.1855011	.0407235	.0123291	36.12203

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.442894	.0030697	.0054358	279.7776	.0673457	.1002676
Stddev	.012414	.0001026	.0000280	1.7301	.0010297	.0007237
%RSD	.8603609	3.343199	.5152348	.6183972	1.528901	.7217447
#1	1.448966	.0031854	.0054161	280.3520	.0685342	.0998340
#2	1.451102	.0029897	.0054678	281.1475	.0667228	.1011031
#3	1.428612	.0030339	.0054234	277.8333	.0667802	.0998658

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1784095	121.2071	19.72386	58.29197	.1400255	.0061439
Stddev	.0055526	.8581	.15248	.53252	.0011134	.0007059
%RSD	3.112286	.7079705	.7730869	.9135390	.7951725	11.48967
#1	.1826664	121.4814	19.82395	58.55883	.1395316	.0066031
#2	.1804333	121.8945	19.79927	58.63830	.1392445	.0064975
#3	.1721289	120.2453	19.54837	57.67878	.1413005	.0053310

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.199543	.1078249	.4180652	3.571263	F 12.01366	.0129548
Stddev	.370248	.0029106	.0020686	.108139	.02036	.0005756
%RSD	30.86579	2.699398	.4947997	3.028023	.1695041	4.443426
#1	1.393829	.1071049	.4157875	3.456025	11.99091	.0128846
#2	1.432209	.1053419	.4185814	3.670525	12.01986	.0124175
#3	.772592	.1110280	.4198269	3.587239	12.03020	.0135624

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-12 Acquired: 12/18/2024 20:18:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL89 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044737	.8277121	6.333424	.0316464	.5600021	.2014404
Stddev	.0004551	.0033123	.018771	.0025185	.0051583	.0022137
%RSD	10.17198	.4001730	.2963835	7.958364	.9211200	1.098928
#1	.0049824	.8252774	6.333760	.0335615	.5609762	.2034288
#2	.0043330	.8314839	6.352025	.0287935	.5646039	.2018373
#3	.0041055	.8263749	6.314487	.0325841	.5544263	.1990551

Elem	Li6707
Units	ppm
Avg	.0759942
Stddev	.0035834
%RSD	4.715343
#1	.0799502
#2	.0729659
#3	.0750664

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.705	36117.37	2765.865	2491.346	2039.867
Stddev	9.378	253.86	10.073	23.659	5.726
%RSD	.3240912	.7028754	.3642048	.9496391	.2806804
#1	2903.220	35852.08	2758.324	2464.252	2046.435
#2	2884.470	36358.00	2761.966	2507.923	2035.924
#3	2893.425	36142.02	2777.305	2501.862	2037.243

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-13 Acquired: 12/18/2024 20:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL90 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0571249	-.005044	.1875106	.0372236	.0103287	36.69354	1.195805
Stddev	.0026079	.004721	.0022788	.0029824	.0017668	.63569	.022977
%RSD	4.565191	93.60876	1.215301	8.012050	17.10622	1.732420	1.921457
#1	.0598273	-.010465	.1848953	.0339929	.0090476	35.97315	1.170204
#2	.0569243	-.001834	.1890693	.0398716	.0123443	37.17571	1.214636
#3	.0546232	-.002832	.1885672	.0378064	.0095940	36.93177	1.202575

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0040530	.0045011	650.9835	.0699743	.1127115	.2188735	127.9676
Stddev	.0002223	.0001372	10.8612	.0008493	.0006951	.0065897	2.3780
%RSD	5.483653	3.048937	1.668427	1.213791	.6167445	3.010718	1.858268
#1	.0042105	.0046553	638.8895	.0692425	.1123753	.2137420	125.3632
#2	.0041497	.0043922	659.9057	.0709057	.1122484	.2263049	130.0232
#3	.0037987	.0044560	654.1554	.0697747	.1135108	.2165737	128.5165

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.59662	136.6672	.1444966	.0056900	1.235426	.1129838	.3865039
Stddev	.28269	2.7311	.0006851	.0007974	.537399	.0138368	.0043454
%RSD	1.812517	1.998376	.4741248	14.01381	43.49906	12.24672	1.124283
#1	15.28462	133.7367	.1448432	.0059816	1.136494	.1094399	.3895866
#2	15.83574	139.1414	.1449392	.0063006	1.815417	.1012636	.3815340
#3	15.66949	137.1237	.1437075	.0047879	.754367	.1282479	.3883911

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.670957	5.605939	.0305319	.0027587	.8274134	5.780482	.0291482
Stddev	.137775	.019407	.0012261	.0006488	.0062001	.076022	.0023007
%RSD	2.429492	.3461863	4.015758	23.51766	.7493396	1.315148	7.893186
#1	5.564741	5.586332	.0293085	.0020305	.8210938	5.694649	.0315501
#2	5.826636	5.606345	.0317606	.0032751	.8334867	5.839332	.0269641
#3	5.621495	5.625140	.0305265	.0029704	.8276597	5.807465	.0289305

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-13 Acquired: 12/18/2024 20:22:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL90 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3794902	.3852573	.0850392
Stddev	.0108358	.0074720	.0013677
%RSD	2.855361	1.939484	1.608277
#1	.3670109	.3775969	.0836305
#2	.3865137	.3925255	.0863618
#3	.3849460	.3856495	.0851252

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.669	33499.23	2601.257	2301.724	1907.657
Stddev	3.275	109.18	34.550	7.842	2.579
%RSD	.1227030	.3259223	1.328214	.3406853	.1351963
#1	2671.230	33579.87	2634.794	2308.920	1909.929
#2	2669.799	33374.99	2565.776	2293.366	1908.188
#3	2664.980	33542.84	2603.202	2302.885	1904.854

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV061 Acquired: 12/18/2024 20:26:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.767051	4.770066	24.85325	5.194846	5.308621	414.5683	10.25647
Stddev	.003455	.018222	.02872	.007270	.003759	6.6497	.17906
%RSD	.0724693	.3820110	.1155621	.1399541	.0708026	1.604006	1.745780
#1	4.767539	4.772278	24.83151	5.202895	5.311683	416.9626	10.32917
#2	4.770236	4.750839	24.84244	5.192888	5.304426	419.6893	10.38774
#3	4.763379	4.787081	24.88581	5.188756	5.309752	407.0530	10.05250

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5166104	2.489728	405.7659	15.20702	2.490059	14.97542	423.1787
Stddev	.0078861	.004021	6.3843	.04153	.003021	.23170	7.9987
%RSD	1.526501	.1615154	1.573401	.2731257	.1213381	1.547182	1.890142
#1	.5216209	2.487614	408.8164	15.22932	2.488251	15.10683	425.7257
#2	.5206902	2.487204	410.0527	15.15910	2.488380	15.11155	429.5938
#3	.5075203	2.494365	398.4286	15.23264	2.493547	14.70790	414.2167

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.50803	416.8233	2.488828	1.272980	421.5378	2.536166	14.89320
Stddev	.26814	7.3639	.003339	.002173	7.7661	.042705	.03375
%RSD	1.729009	1.766660	.1341603	.1707251	1.842329	1.683844	.2265814
#1	15.61218	418.7512	2.490195	1.273701	424.5127	2.551334	14.86512
#2	15.70847	423.0315	2.485022	1.270537	427.3766	2.569217	14.93064
#3	15.20344	408.6873	2.491266	1.274701	412.7240	2.487948	14.88383

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.1197	4.991464	4.866648	4.865830	5.083532	4.760570	5.010208
Stddev	2.1806	.005728	.054436	.011521	.011339	.061495	.002389
%RSD	1.433497	.1147472	1.118551	.2367728	.2230570	1.291752	.0476759
#1	152.8927	4.991544	4.893312	4.864977	5.094069	4.795295	5.009362
#2	153.8086	4.985697	4.902611	4.854759	5.071533	4.796849	5.008358
#3	149.6579	4.997151	4.804020	4.877753	5.084992	4.689568	5.012905

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV061 Acquired: 12/18/2024 20:26:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV061 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.129405	4.867198	5.150862
Stddev	.094590	.090405	.078834
%RSD	1.844079	1.857434	1.530502
#1	5.159203	4.895234	5.174647
#2	5.205509	4.940264	5.215065
#3	5.023504	4.766096	5.062874

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2053.992	26896.40	2134.686	1755.418	1756.405
Stddev	2.814	64.40	31.109	2.024	4.515
%RSD	.1370023	.2394452	1.457321	.1153086	.2570322
#1	2056.631	26834.00	2116.563	1753.094	1761.434
#2	2054.315	26962.63	2116.889	1756.793	1755.078
#3	2051.031	26892.57	2170.608	1756.368	1752.702

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB061 Acquired: 12/18/2024 20:30:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003772	.0029700	.0029685	.0042749	.0003615	.0198793	.0005358
Stddev	.001511	.0026367	.0009341	.0012720	.0028294	.0055713	.0016692
%RSD	40.05737	88.77827	31.46592	29.75513	782.6450	28.02579	311.5311
#1	-.003969	.0026001	.0020972	.0051734	-.002259	.0151091	.0005078
#2	-.002173	.0005377	.0028536	.0048320	-.000019	.0260026	-.001119
#3	-.005175	.0057720	.0039547	.0028194	.003362	.0185263	.002219

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000008	-.000030	.0518118	.0017168	-.000063	-.001894	.0470962
Stddev	.000164	.000077	.0080891	.0010111	.000146	.001241	.0147885
%RSD	2056.289	254.2296	15.61245	58.89806	231.4749	65.52629	31.40073
#1	-.000168	.000054	.0501035	.0028790	.000070	-.002347	.0523235
#2	-.000016	-.000096	.0606186	.0010396	-.000040	-.002844	.0304039
#3	.000160	-.000049	.0447133	.0012317	-.000219	-.000490	.0585612

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0036973	-.002458	.0007373	.0003104	.7452077	.0018070	.0072399
Stddev	.0012787	.048792	.0003817	.0007642	.5113337	.0066583	.0063099
%RSD	34.58371	1984.760	51.76745	246.1921	68.61626	368.4650	87.15445
#1	.0036041	.021829	.0011774	.0007579	1.293075	.0032015	.0075134
#2	.0024678	.029424	.0004982	.0007453	.661913	-.005438	.0007977
#3	.0050200	-.058628	.0005361	-.000572	.280635	.007658	.0134086

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4977438	-.000764	.0115295	.0001228	-.000034	-.001966	.0009878
Stddev	.2399347	.000751	.0016779	.0003577	.003159	.000149	.0010556
%RSD	48.20446	98.32388	14.55280	291.3407	9164.638	7.573836	106.8584
#1	.6556566	-.000432	.0128993	.0005304	.002405	-.002051	-.000228
#2	.2216420	-.001623	.0120311	-.000024	-.003603	-.002053	.001666
#3	.6159327	-.000236	.0096580	-.000138	.001095	-.001794	.001526

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB061 Acquired: 12/18/2024 20:30:16 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB061 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000971	.0006531	.0142300
Stddev	.001965	.0001823	.0040347
%RSD	202.2918	27.91205	28.35341
#1	.001297	.0007282	.0095959
#2	-.002044	.0004453	.0169623
#3	-.002167	.0007860	.0161317

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.707	30112.23	2181.987	2063.296	2169.526
Stddev	16.017	103.39	1.338	10.264	16.640
%RSD	.6671761	.3433560	.0613154	.4974370	.7670047
#1	2418.757	29997.33	2182.136	2061.205	2188.538
#2	2395.176	30197.75	2180.581	2074.444	2162.433
#3	2388.189	30141.62	2183.244	2054.239	2157.608

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-14 Acquired: 12/18/2024 20:34:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL98 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0902068	-.034986	2.320892	.0547078	.0203073	44.79556
Stddev	.0048664	.003038	.006818	.0043957	.0004368	.10397
%RSD	5.394676	8.682651	.2937687	8.034851	2.151112	.2320884
#1	.0845953	-.034952	2.313336	.0522776	.0201116	44.71164
#2	.0927582	-.038040	2.326584	.0597820	.0200026	44.76318
#3	.0932670	-.031965	2.322758	.0520637	.0208078	44.91186

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.216662	.0051718	.0068758	56.07192	.2216459	.0767235
Stddev	.001323	.0001612	.0000830	.10631	.0016492	.0009286
%RSD	.1087583	3.117600	1.207678	.1895958	.7440785	1.210308
#1	1.215524	.0050813	.0068466	56.13054	.2224702	.0756908
#2	1.218114	.0053580	.0069695	56.13601	.2197470	.0774896
#3	1.216347	.0050761	.0068114	55.94920	.2227204	.0769901

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2369697	110.7012	5.992979	22.47058	.1346505	.0055485
Stddev	.0109065	.2417	.000906	.04567	.0008651	.0005186
%RSD	4.602509	.2183605	.0151242	.2032513	.6424998	9.347196
#1	.2284548	110.8486	5.993486	22.51160	.1344459	.0057934
#2	.2492631	110.8328	5.993519	22.42136	.1339060	.0049528
#3	.2331913	110.4222	5.991933	22.47877	.1355996	.0058994

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.042980	.1206476	1.434835	7.119215	F 11.15481	.0320738
Stddev	.474073	.0088439	.025977	.095407	.03141	.0026366
%RSD	45.45368	7.330340	1.810466	1.340138	.2815827	8.220546
#1	.618299	.1197844	1.423898	7.012626	11.12043	.0302269
#2	1.554452	.1122670	1.416116	7.196627	11.18200	.0309011
#3	.956189	.1298914	1.464493	7.148391	11.16199	.0350933

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-14 Acquired: 12/18/2024 20:34:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL98 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077651	3.739021	7.137266	.0771497	.7476265	.0258507
Stddev	.0001422	.014249	.046067	.0015000	.0036817	.0003201
%RSD	1.831305	.3810819	.6454396	1.944252	.4924467	1.238427
#1	.0077002	3.723295	7.157314	.0762473	.7438033	.0256561
#2	.0079282	3.751072	7.169912	.0788813	.7511481	.0256759
#3	.0076669	3.742697	7.084573	.0763207	.7479282	.0262202

Elem	Li6707
Units	ppm
Avg	.0764232
Stddev	.0011173
%RSD	1.461966
#1	.0752430
#2	.0765620
#3	.0774646

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2788.322	35028.47	2561.851	2402.434	2161.504
Stddev	5.126	65.66	23.826	4.537	5.603
%RSD	.1838557	.1874447	.9300206	.1888679	.2592366
#1	2794.018	35100.98	2557.024	2405.446	2167.930
#2	2784.080	34973.03	2540.808	2397.215	2157.635
#3	2786.867	35011.40	2587.720	2404.640	2158.947

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-15 Acquired: 12/18/2024 20:38:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL99 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1244232	-.042808	2.977179	.0673312	.0222915	54.26312
Stddev	.0073837	.002500	.009731	.0007763	.0021269	.06637
%RSD	5.934301	5.839896	.3268632	1.153014	9.541138	.1223091
#1	.1327616	-.040583	2.986106	.0666155	.0219284	54.30283
#2	.1187141	-.045513	2.978626	.0672216	.0245765	54.18650
#3	.1217939	-.042329	2.966806	.0681565	.0203696	54.30003

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.493754	.0064313	.0091688	67.82916	.2807873	.0921293
Stddev	.001260	.0000825	.0000975	.03732	.0009825	.0000695
%RSD	.0843711	1.282658	1.063376	.0550186	.3498953	.0753949
#1	1.495148	.0065000	.0092713	67.87117	.2807798	.0921597
#2	1.492696	.0063398	.0091580	67.81642	.2817736	.0920499
#3	1.493417	.0064541	.0090772	67.79987	.2798087	.0921785

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3026862	135.0818	7.251293	26.46447	.1671758	.0075057
Stddev	.0021395	.5047	.025881	.13033	.0006517	.0014687
%RSD	.7068431	.3736464	.3569099	.4924876	.3898109	19.56717
#1	.3004457	135.4726	7.271463	26.42512	.1672474	.0064831
#2	.3029048	134.5119	7.222111	26.35834	.1677887	.0091886
#3	.3047080	135.2609	7.260304	26.60994	.1664913	.0068454

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9940030	.1451454	1.719516	6.314167	F 12.13431	.0193073
Stddev	.1929130	.0036072	.014703	.137826	.02968	.0020315
%RSD	19.40768	2.485215	.8550460	2.182811	.2445773	10.52210
#1	1.134055	.1412323	1.702718	6.408398	12.15744	.0212387
#2	.773962	.1458662	1.730046	6.155982	12.14466	.0194948
#3	1.073992	.1483378	1.725785	6.378121	12.10085	.0171886

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-15 Acquired: 12/18/2024 20:38:07 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL99 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067185	3.208653	7.882686	.1057920	.8387236	.0205100
Stddev	.0004832	.005713	.042130	.0015537	.0075885	.0005836
%RSD	7.191978	.1780645	.5344684	1.468617	.9047620	2.845369
#1	.0072424	3.202187	7.931212	.1066437	.8428897	.0199373
#2	.0062903	3.210749	7.855444	.1039987	.8299647	.0211039
#3	.0066229	3.213022	7.861402	.1067336	.8433165	.0204889

Elem	Li6707
Units	ppm
Avg	.0960529
Stddev	.0005315
%RSD	.5533391
#1	.0966340
#2	.0955914
#3	.0959334

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2848.610	35438.31	2639.296	2449.215	2148.125
Stddev	15.851	130.83	18.129	13.486	9.798
%RSD	.5564404	.3691849	.6868814	.5506196	.4560992
#1	2840.272	35532.60	2630.145	2454.051	2145.453
#2	2838.668	35493.39	2660.176	2459.616	2139.941
#3	2866.889	35288.94	2627.566	2433.978	2158.982

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-16 Acquired: 12/18/2024 20:41:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1671431	-.042655	2.976671	.0720728	.0254400	62.52189
Stddev	.0006148	.004607	.008705	.0026682	.0005309	.25304
%RSD	.3678418	10.79948	.2924376	3.702076	2.086675	.4047256
#1	.1678525	-.040458	2.967679	.0709418	.0259311	62.33288
#2	.1667656	-.047949	2.977278	.0701564	.0255120	62.42342
#3	.1668110	-.039559	2.985057	.0751202	.0248768	62.80936

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.811427	.0073508	.0092489	105.3418	.2152411	.1056049
Stddev	.010268	.0001116	.0001818	.4141	.0006336	.0002913
%RSD	.5668211	1.518739	1.965528	.3931121	.2943797	.2758701
#1	1.801953	.0073907	.0091149	105.0333	.2155827	.1054111
#2	1.809992	.0074369	.0094558	105.1796	.2156305	.1054636
#3	1.822337	.0072247	.0091759	105.8124	.2145099	.1059399

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3130357	153.0346	8.860132	33.73780	.1743349	.0077388
Stddev	.0029013	.7552	.042708	.16042	.0010529	.0004346
%RSD	.9268261	.4934682	.4820220	.4754902	.6039318	5.615911
#1	.3138333	152.3438	8.815693	33.55459	.1734697	.0079768
#2	.3154548	152.9192	8.863835	33.80572	.1740277	.0080023
#3	.3098190	153.8409	8.900868	33.85309	.1755071	.0072371

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.583019	.1556347	1.622334	5.730269	F 14.02167	.0164108
Stddev	.387102	.0032621	.017832	.192329	.01860	.0013070
%RSD	24.45338	2.096017	1.099160	3.356377	.1326409	7.964339
#1	1.569219	.1518787	1.624604	5.855897	14.00087	.0179054
#2	1.203002	.1577591	1.603476	5.826054	14.02741	.0154818
#3	1.976836	.1572663	1.638923	5.508855	14.03672	.0158453

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-16 Acquired: 12/18/2024 20:41:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0050791	2.849513	8.084618	.1165380	.8409841	.0528032
Stddev	.0001407	.003362	.035875	.0017643	.0035560	.0005615
%RSD	2.770512	.1179686	.4437381	1.513922	.4228346	1.063459
#1	.0049283	2.845661	8.062619	.1156464	.8372901	.0522239
#2	.0052068	2.851026	8.126015	.1185702	.8412786	.0528404
#3	.0051021	2.851853	8.065219	.1153974	.8443837	.0533451

Elem	Li6707
Units	ppm
Avg	.1099721
Stddev	.0037934
%RSD	3.449467
#1	.1105404
#2	.1059265
#3	.1134493

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2991.477	37670.73	2808.679	2604.372	2179.751
Stddev	4.398	73.57	6.277	8.985	5.994
%RSD	.1470307	.1952939	.2234769	.3449867	.2749720
#1	2993.045	37629.53	2814.545	2601.413	2182.946
#2	2994.876	37755.67	2802.060	2614.463	2183.470
#3	2986.509	37627.00	2809.432	2597.240	2172.836

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-17 Acquired: 12/18/2024 20:45:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1396255	-.048922	1.372831	.0681425	.0223772	58.18965
Stddev	.0000301	.003395	.002763	.0032031	.0026605	.44992
%RSD	.0215780	6.939966	.2012606	4.700652	11.88928	.7732040
#1	.1396539	-.049059	1.370889	.0645028	.0203672	57.72569
#2	.1396288	-.052247	1.375994	.0693928	.0253942	58.62408
#3	.1395939	-.045461	1.371610	.0705320	.0213701	58.21918

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.045659	.0066662	.0050020	118.9479	.1086016	.1054175
Stddev	.007937	.0001228	.0000335	.9972	.0001403	.0001212
%RSD	.7590264	1.842499	.6688350	.8383356	.1291898	.1149545
#1	1.037150	.0065275	.0050250	118.0132	.1084398	.1054661
#2	1.052863	.0067101	.0050173	119.9976	.1086758	.1055068
#3	1.046963	.0067611	.0049636	118.8331	.1086893	.1052795

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2383869	156.8691	7.735600	53.53994	.1517186	.0060583
Stddev	.0039456	1.2316	.055446	.49060	.0004192	.0015523
%RSD	1.655111	.7850867	.7167646	.9163188	.2762762	25.62264
#1	.2350427	155.7560	7.682443	52.99712	.1515145	.0066738
#2	.2373794	158.1921	7.793082	53.95169	.1522007	.0042926
#3	.2427385	156.6593	7.731276	53.67100	.1514406	.0072085

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.300537	.1576985	.7041802	3.529953	F 12.38040	.0121767
Stddev	.323747	.0031394	.0129609	.172509	.02156	.0041960
%RSD	24.89331	1.990732	1.840572	4.886998	.1741657	34.45894
#1	1.178890	.1568676	.7134595	3.380478	12.39743	.0086955
#2	1.055234	.1550582	.7097095	3.718717	12.35616	.0168358
#3	1.667487	.1611697	.6893716	3.490664	12.38763	.0109989

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-17 Acquired: 12/18/2024 20:45:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044714	1.651599	7.766432	.0683660	.7387085	.0419549
Stddev	.0005049	.009272	.064320	.0009814	.0038660	.0003733
%RSD	11.29098	.5613991	.8281840	1.435447	.5233513	.8896877
#1	.0049476	1.650765	7.702058	.0694327	.7359694	.0415388
#2	.0039421	1.642772	7.766540	.0675015	.7431308	.0420659
#3	.0045245	1.661260	7.830698	.0681637	.7370253	.0422601

Elem	Li6707
Units	ppm
Avg	.1034577
Stddev	.0026543
%RSD	2.565609
#1	.1018027
#2	.1065193
#3	.1020512

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2858.957	35870.63	2662.463	2459.421	2090.774
Stddev	4.962	85.15	15.554	13.772	1.995
%RSD	.1735502	.2373682	.5841901	.5599489	.0954082
#1	2862.067	35793.36	2680.388	2445.138	2090.689
#2	2853.235	35856.60	2654.464	2460.509	2088.824
#3	2861.568	35961.91	2652.536	2472.617	2092.811

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-18 Acquired: 12/18/2024 20:49:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0698079	-.023718	.5504198	.0374444	.0134635	40.68698
Stddev	.0038514	.002973	.0010870	.0027033	.0027486	.74494
%RSD	5.517090	12.53685	.1974781	7.219430	20.41509	1.830904
#1	.0655571	-.027042	.5497878	.0348543	.0103094	39.82727
#2	.0730651	-.021311	.5516749	.0372308	.0153463	41.09213
#3	.0708015	-.022802	.5497966	.0402482	.0147349	41.14154

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5559503	.0045574	.0032201	302.9470	.0815849	.0987416
Stddev	.0103240	.0002916	.0000855	5.2597	.0003551	.0005355
%RSD	1.856995	6.398986	2.655773	1.736173	.4353072	.5423680
#1	.5441081	.0042877	.0031342	296.8810	.0813100	.0981885
#2	.5606859	.0045175	.0033052	305.7223	.0814587	.0992577
#3	.5630570	.0048669	.0032209	306.2378	.0819858	.0987786

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1999569	122.0210	6.645468	70.75791	.1268598	.0045569
Stddev	.0123284	2.7354	.130045	1.49561	.0013358	.0008753
%RSD	6.165530	2.241764	1.956897	2.113706	1.052980	19.20859
#1	.1863191	118.8629	6.495421	69.03138	.1257948	.0041245
#2	.2032407	123.6480	6.725608	71.65573	.1264259	.0039819
#3	.2103110	123.5521	6.715375	71.58661	.1283585	.0055642

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.555201	.1170607	.5517375	2.487392	F 17.68170	.0174664
Stddev	1.012098	.0083058	.0023075	.164156	.04321	.0021417
%RSD	65.07828	7.095326	.4182301	6.599531	.2444045	12.26193
#1	.777983	.1201033	.5504734	2.343754	17.63657	.0175348
#2	1.187971	.1076627	.5503382	2.666325	17.68582	.0195730
#3	2.699648	.1234162	.5544008	2.452098	17.72270	.0152913

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-18 Acquired: 12/18/2024 20:49:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA2 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046300	.9348558	6.404794	.0400003	.5659277	.1875342
Stddev	.0003292	.0040590	.126624	.0019920	.0126401	.0036469
%RSD	7.110926	.4341806	1.977025	4.980037	2.233510	1.944655
#1	.0047725	.9329383	6.261967	.0410059	.5514212	.1833364
#2	.0042536	.9395183	6.503302	.0412891	.5745747	.1899225
#3	.0048641	.9321109	6.449113	.0377059	.5717871	.1893438

Elem	Li6707
Units	ppm
Avg	.0909029
Stddev	.0034957
%RSD	3.845490
#1	.0882099
#2	.0896455
#3	.0948533

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.751	33573.97	2533.749	2296.440	2028.295
Stddev	2.036	18.06	47.865	3.218	2.817
%RSD	.0762835	.0538049	1.889086	.1401272	.1388733
#1	2670.945	33556.38	2587.855	2292.995	2031.252
#2	2666.923	33592.47	2496.929	2296.958	2027.988
#3	2668.384	33573.06	2516.463	2299.368	2025.644

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-19 Acquired: 12/18/2024 20:53:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0591265	-.027627	.2337550	.0438612	.0149599	44.35049	.3917441
Stddev	.0015439	.003520	.0017676	.0030192	.0032422	.54699	.0052200
%RSD	2.611132	12.73958	.7561842	6.883443	21.67290	1.233337	1.332494
#1	.0577758	-.030814	.2356045	.0470367	.0129913	44.15744	.3900490
#2	.0608095	-.023850	.2335778	.0410275	.0131864	43.92621	.3875823
#3	.0587943	-.028216	.2320827	.0435193	.0187021	44.96783	.3976009

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051876	.0028033	481.4837	.0700758	.1158212	.2204246	145.0579
Stddev	.0000210	.0000732	6.7171	.0006512	.0005493	.0060350	1.8497
%RSD	.4045732	2.612160	1.395073	.9292542	.4743127	2.737901	1.275140
#1	.0052054	.0027225	479.8060	.0706576	.1164529	.2138682	144.4012
#2	.0051645	.0028222	475.7646	.0701974	.1154550	.2216578	143.6262
#3	.0051931	.0028653	488.8806	.0693724	.1155557	.2257477	147.1464

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.322398	104.7313	.1539703	.0047442	1.494487	.1326690	.4575967
Stddev	.099540	1.2156	.0004624	.0002504	.202234	.0063339	.0104867
%RSD	1.359395	1.160724	.3003421	5.277246	13.53197	4.774218	2.291700
#1	7.273485	104.2123	.1541017	.0044557	1.490734	.1319936	.4455082
#2	7.256777	103.8614	.1543527	.0049044	1.698571	.1393135	.4630307
#3	7.436932	106.1203	.1534563	.0048725	1.294156	.1266999	.4642513

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.487522	7.526852	.0188373	.0035219	.6102499	6.813046	.0317182
Stddev	.059633	.005998	.0028640	.0002509	.0005346	.044229	.0008516
%RSD	1.709898	.0796866	15.20380	7.123730	.0875972	.6491748	2.684785
#1	3.471890	7.522703	.0205130	.0034732	.6099754	6.807862	.0318422
#2	3.437262	7.524123	.0155304	.0032989	.6099084	6.771638	.0308114
#3	3.553414	7.533729	.0204686	.0037936	.6108660	6.859638	.0325010

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-19 Acquired: 12/18/2024 20:53:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6954403	.3466685	.1042985
Stddev	.0100200	.0036484	.0027929
%RSD	1.440816	1.052416	2.677769
#1	.6961260	.3443485	.1073621
#2	.6850950	.3447832	.1036392
#3	.7050998	.3508738	.1018943

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2659.699	33360.47	2521.143	2279.742	1959.458
Stddev	14.650	47.55	16.656	6.143	11.905
%RSD	.5508205	.1425412	.6606709	.2694402	.6075644
#1	2654.357	33328.00	2514.614	2285.205	1955.329
#2	2676.270	33338.37	2540.075	2273.093	1972.878
#3	2648.468	33415.06	2508.740	2280.929	1950.167

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-20 Acquired: 12/18/2024 20:57:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0689693	-.008527	.2342942	.0307858	.0067383	35.42441
Stddev	.0055927	.003008	.0023607	.0022505	.0019291	.07363
%RSD	8.108916	35.27312	1.007566	7.310287	28.62911	.2078544
#1	.0752375	-.011871	.2325530	.0319252	.0048151	35.47991
#2	.0644897	-.006045	.2369811	.0281934	.0086733	35.45244
#3	.0671806	-.007664	.2333485	.0322388	.0067265	35.34088

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5216239	.0043738	.0032036	F 889.6069	.0612124	.1115951
Stddev	.0006952	.0001184	.0001053	1.4737	.0007573	.0003020
%RSD	.1332792	2.706354	3.288350	.1656584	1.237234	.2706299
#1	.5220972	.0044011	.0032170	891.2287	.0620859	.1115753
#2	.5219487	.0042442	.0033016	889.2423	.0607392	.1113035
#3	.5208257	.0044761	.0030922	888.3497	.0608121	.1119065

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3414243	124.1722	10.07978	105.1046	.1271353	.0048496
Stddev	.0049454	.2188	.01672	.1655	.0010036	.0010874
%RSD	1.448451	.1761763	.1659014	.1574562	.7894181	22.42234
#1	.3399387	124.0255	10.08013	105.2362	.1280427	.0049829
#2	.3469422	124.4237	10.09633	105.1589	.1273058	.0058642
#3	.3373921	124.0675	10.06289	104.9188	.1260573	.0037017

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.347634	.1031193	.4002265	4.881963	F 11.02140	.0319563
Stddev	.653462	.0043942	.0028722	.033147	.02073	.0032678
%RSD	48.48957	4.261226	.7176532	.6789784	.1881305	10.22577
#1	1.084383	.1012264	.3979185	4.881988	11.00780	.0346819
#2	.866857	.0999888	.3993179	4.848803	11.01113	.0328534
#3	2.091661	.1081427	.4034432	4.915098	11.04526	.0283337

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-20 Acquired: 12/18/2024 20:57:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLA4 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0023517	1.054972	5.853456	.0337742	.5199434	.8033328
Stddev	.0004150	.004314	.020900	.0006403	.0047978	.0020480
%RSD	17.64762	.4088987	.3570559	1.895855	.9227497	.2549314
#1	.0026307	1.058813	5.865191	.0332345	.5164723	.8019910
#2	.0018747	1.050305	5.865851	.0336063	.5254182	.8056900
#3	.0025495	1.055798	5.829326	.0344817	.5179395	.8023173

Elem	Li6707
Units	ppm
Avg	.0934253
Stddev	.0055308
%RSD	5.919990
#1	.0961079
#2	.0971032
#3	.0870648

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2723.917	34204.13	2633.382	2351.701	1881.055
Stddev	6.103	74.55	7.088	5.569	2.510
%RSD	.2240688	.2179480	.2691458	.2368282	.1334189
#1	2727.037	34128.51	2625.211	2347.691	1882.750
#2	2727.830	34277.55	2637.861	2358.060	1882.244
#3	2716.884	34206.34	2637.075	2349.352	1878.172

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-21 Acquired: 12/18/2024 21:01:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0834814	-.041124	.9815844	.0607034	.0208208	46.73428	.8622608
Stddev	.0061542	.002056	.0077540	.0040768	.0030455	.18563	.0017050
%RSD	7.371934	5.000523	.7899512	6.715969	14.62719	.3972105	.1977401
#1	.0825916	-.039175	.9748328	.0561401	.0179712	46.55786	.8614053
#2	.0900321	-.040925	.9798673	.0639863	.0204610	46.71706	.8611528
#3	.0778206	-.043273	.9900530	.0619837	.0240302	46.92793	.8642242

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0056736	.0062185	37.25892	.2560690	.0785205	.2102293	119.1956
Stddev	.0000185	.0000860	.21321	.0010099	.0003416	.0086362	.4054
%RSD	.3268271	1.383429	.5722265	.3943717	.4350738	4.108011	.3401407
#1	.0056848	.0061287	37.02436	.2550298	.0785783	.2050792	118.7398
#2	.0056522	.0062268	37.44096	.2561306	.0781536	.2054088	119.5163
#3	.0056838	.0063002	37.31142	.2570467	.0788295	.2201997	119.3306

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.177551	16.28256	.1265203	.0059111	1.460413	.1314578	.7862362
Stddev	.022995	.10482	.0009101	.0001940	.493940	.0117840	.0075727
%RSD	.3722389	.6437658	.7193378	3.281832	33.82194	8.964099	.9631615
#1	6.153144	16.25675	.1270548	.0056874	1.986109	.1246458	.7922969
#2	6.180697	16.39788	.1254694	.0060320	1.389163	.1450648	.7777472
#3	6.198811	16.19306	.1270366	.0060140	1.005967	.1246628	.7886646

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.074671	8.796504	.0171415	.0061001	3.136407	7.551619	.0656807
Stddev	.084435	.027603	.0016950	.0003323	.009805	.074501	.0020664
%RSD	1.663847	.3137991	9.888223	5.446989	.3126210	.9865607	3.146078
#1	5.131310	8.772184	.0186535	.0058800	3.133930	7.467596	.0646014
#2	5.115077	8.790822	.0153092	.0059380	3.128077	7.609617	.0643775
#3	4.977626	8.826507	.0174618	.0064823	3.147212	7.577642	.0680633

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-21 Acquired: 12/18/2024 21:01:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC6 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8272246	-.012568	.0857025
Stddev	.0025005	.000229	.0026548
%RSD	.3022713	1.818632	3.097649
#1	.8243587	-.012740	.0880226
#2	.8283532	-.012657	.0828073
#3	.8289617	-.012309	.0862775

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2771.777	34739.24	2559.822	2401.692	2165.730
Stddev	5.072	20.37	20.200	3.220	1.790
%RSD	.1829998	.0586511	.7891149	.1340641	.0826553
#1	2766.161	34753.07	2583.014	2402.718	2166.378
#2	2773.143	34748.80	2550.378	2404.274	2167.106
#3	2776.026	34715.84	2546.074	2398.084	2163.706

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-22 Acquired: 12/18/2024 21:05:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC7 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1125791	-.051634	1.241762	.0786641	.0252287	57.92336
Stddev	.0019684	.000790	.002735	.0029066	.0015826	.22997
%RSD	1.748479	1.529633	.2202664	3.694920	6.272917	.3970282
#1	.1120055	-.051730	1.244135	.0802292	.0269218	58.11345
#2	.1109611	-.050800	1.242381	.0753103	.0249779	57.66774
#3	.1147706	-.052371	1.238771	.0804528	.0237866	57.98891

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.054700	.0070076	.0088436	48.19523	.3374572	.0976152
Stddev	.004020	.0001286	.0001115	.15635	.0013684	.0004078
%RSD	.3811696	1.834539	1.260193	.3244162	.4055080	.4177805
#1	1.058903	.0071410	.0087541	48.36126	.3378287	.0972610
#2	1.050892	.0068844	.0089684	48.05080	.3359414	.0980610
#3	1.054307	.0069975	.0088082	48.17363	.3386015	.0975234

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2635837	149.0127	8.759673	22.21940	.1662935	.0076433
Stddev	.0037704	.6870	.037797	.04399	.0013458	.0005420
%RSD	1.430419	.4610110	.4314910	.1979849	.8092983	7.091608
#1	.2679322	149.4322	8.775243	22.22479	.1677992	.0070938
#2	.2612274	148.2199	8.716578	22.17296	.1658735	.0076586
#3	.2615914	149.3860	8.787199	22.26044	.1652077	.0081775

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.531207	.1637624	.9723480	5.344632	F 10.67291	.0254692
Stddev	.581814	.0094020	.0050149	.090307	.02433	.0034690
%RSD	37.99704	5.741265	.5157552	1.689668	.2279724	13.62018
#1	.863166	.1589424	.9677056	5.240487	10.67616	.0214908
#2	1.926855	.1577477	.9776668	5.392164	10.69544	.0278621
#3	1.803601	.1745969	.9716715	5.401246	10.64711	.0270548

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5058-22 Acquired: 12/18/2024 21:05:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC7 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071943	3.313128	8.042456	.0666362	.8897139	-.017771
Stddev	.0004975	.001869	.083796	.0013311	.0076268	.000377
%RSD	6.914622	.0564202	1.041921	1.997532	.8572207	2.122277
#1	.0066670	3.315185	8.126387	.0662868	.8983475	-.018029
#2	.0072606	3.311532	7.958795	.0681071	.8838923	-.017338
#3	.0076553	3.312668	8.042186	.0655147	.8869018	-.017946

Elem	Li6707
Units	ppm
Avg	.1049059
Stddev	.0020037
%RSD	1.909953
#1	.1049750
#2	.1028686
#3	.1068742

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2843.845	35354.97	2606.601	2434.600	2156.057
Stddev	4.907	129.56	16.931	11.008	3.859
%RSD	.1725374	.3664450	.6495608	.4521399	.1789831
#1	2845.277	35497.15	2591.465	2447.153	2157.452
#2	2838.381	35324.19	2624.886	2430.054	2151.694
#3	2847.876	35243.58	2603.453	2426.594	2159.025

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-01 Acquired: 12/18/2024 21:08:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL48 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0626459	-.039102	.1907954	.0490987	.0186355	64.98195	.6738303
Stddev	.0062524	.005540	.0021774	.0038476	.0014389	.18671	.0042666
%RSD	9.980519	14.16750	1.141216	7.836475	7.721171	.2873252	.6331885
#1	.0589954	-.032752	.1912013	.0491046	.0201904	65.15290	.6773552
#2	.0698654	-.042949	.1884436	.0529433	.0173511	64.78271	.6690870
#3	.0590770	-.041604	.1927413	.0452481	.0183650	65.01026	.6750486

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0064655	.0029384	682.6242	.0948125	.1287884	.1255158	167.6165
Stddev	.0001854	.0000884	1.5994	.0002180	.0005083	.0045508	.4513
%RSD	2.866805	3.008879	.2343079	.2299031	.3946834	3.625668	.2692514
#1	.0066490	.0028450	683.4926	.0949222	.1290225	.1299165	168.0855
#2	.0064693	.0029496	680.7784	.0945615	.1291374	.1208285	167.1853
#3	.0062784	.0030207	683.6016	.0949539	.1282052	.1258023	167.5786

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.451130	111.8008	.1831879	.0041621	1.825416	.1440376	.3720107
Stddev	.020223	.1446	.0004526	.0008039	.267233	.0067041	.0066106
%RSD	.3709812	.1293067	.2470602	19.31410	14.63956	4.654402	1.776986
#1	5.474132	111.9295	.1836531	.0035675	1.550397	.1455071	.3670951
#2	5.436145	111.6444	.1827491	.0038421	2.084115	.1367206	.3795259
#3	5.443113	111.8284	.1831614	.0050767	1.841736	.1498850	.3694111

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.547084	5.926549	.0245492	.0022201	1.376733	8.299338	.0364507
Stddev	.093133	.007808	.0029539	.0009747	.007251	.064301	.0018645
%RSD	2.048194	.1317470	12.03248	43.90358	.5266608	.7747689	5.115219
#1	4.568642	5.935551	.0258406	.0025531	1.384583	8.354636	.0343274
#2	4.627548	5.921618	.0211695	.0011225	1.370287	8.228780	.0378208
#3	4.445063	5.922477	.0266374	.0029846	1.375330	8.314598	.0372040

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-01 Acquired: 12/18/2024 21:08:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL48 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9386849	.6591349	.1406378
Stddev	.0068417	.0016521	.0022572
%RSD	.7288632	.2506442	1.604966
#1	.9465789	.6604944	.1409652
#2	.9344685	.6596140	.1382348
#3	.9350072	.6572962	.1427135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.825	33240.44	2536.737	2266.568	1912.172
Stddev	4.939	28.07	20.790	1.255	2.734
%RSD	.1871703	.0844330	.8195444	.0553815	.1429605
#1	2643.513	33272.51	2518.576	2268.012	1912.446
#2	2639.294	33220.34	2559.413	2265.952	1914.758
#3	2633.668	33228.48	2532.223	2265.740	1909.312

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-02 Acquired: 12/18/2024 21:12:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL49 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1455259	-.066251	.8197415	.0847360	.0334993	62.95040	1.005381
Stddev	.0045016	.000466	.0046194	.0032961	.0025912	.03396	.001618
%RSD	3.093332	.7033084	.5635179	3.889852	7.735205	.0539491	.1609413
#1	.1486945	-.066081	.8250691	.0831908	.0353500	62.95913	1.004135
#2	.1403731	-.066778	.8168519	.0824964	.0346101	62.91292	1.007210
#3	.1475101	-.065895	.8173035	.0885209	.0305379	62.97914	1.004799

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0083110	.0065381	38.70832	.1371374	.1093669	.2182539	173.4544
Stddev	.0001320	.0000204	.06488	.0005867	.0001881	.0042178	.1517
%RSD	1.588427	.3118543	.1676041	.4278273	.1719955	1.932527	.0874440
#1	.0081647	.0065580	38.63657	.1378094	.1092153	.2221030	173.3782
#2	.0083471	.0065391	38.76284	.1368763	.1093080	.2137451	173.3559
#3	.0084212	.0065173	38.72556	.1367266	.1095774	.2189136	173.6290

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.002699	19.09206	.1672794	.0066873	1.724507	.1833634	.6565448
Stddev	.012641	.02279	.0018196	.0002939	.198613	.0023120	.0119030
%RSD	.1404107	.1193721	1.087769	4.394226	11.51709	1.260861	1.812983
#1	8.991356	19.11784	.1675713	.0065417	1.683642	.1850647	.6687131
#2	9.016326	19.08374	.1689355	.0070256	1.940374	.1807311	.6559952
#3	9.000414	19.07460	.1653315	.0064947	1.549505	.1842943	.6449260

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.693493	6.276326	.0179228	.0100925	3.922033	8.095470	.0477701
Stddev	.080098	.011306	.0006067	.0002826	.008502	.048541	.0008801
%RSD	1.196650	.1801378	3.384832	2.800220	.2167695	.5996035	1.842423
#1	6.608165	6.285454	.0177287	.0101893	3.917923	8.052722	.0468206
#2	6.705254	6.279845	.0174369	.0103140	3.931808	8.085449	.0485587
#3	6.767060	6.263679	.0186028	.0097742	3.916366	8.148239	.0479309

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-02 Acquired: 12/18/2024 21:12:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL49 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7032617	-.088909	.0875609
Stddev	.0035232	.000414	.0019674
%RSD	.5009800	.4661549	2.246894
#1	.7021611	-.089283	.0863040
#2	.7072038	-.088463	.0898282
#3	.7004201	-.088979	.0865505

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3091.454	38783.47	2858.523	2664.142	2148.318
Stddev	5.863	127.80	17.275	18.007	7.348
%RSD	.1896676	.3295347	.6043189	.6758874	.3420256
#1	3087.021	38734.84	2878.446	2647.832	2141.901
#2	3089.238	38687.12	2849.403	2661.128	2146.720
#3	3098.103	38928.45	2847.719	2683.465	2156.334

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-03 Acquired: 12/18/2024 21:16:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL50 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1560065	-.069620	.9428626	.0984655	.0348413	70.70744	1.070402
Stddev	.0017467	.001329	.0055866	.0014977	.0004221	.32487	.006707
%RSD	1.119655	1.909240	.5925138	1.521082	1.211427	.4594562	.6265876
#1	.1578698	-.068203	.9395458	.0967504	.0343594	70.92082	1.075513
#2	.1557434	-.069817	.9397294	.0991306	.0350194	70.86795	1.072887
#3	.1544062	-.070840	.9493126	.0995156	.0351452	70.33356	1.062808

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0090574	.0070146	41.93553	.1617167	.1218466	.2188583	191.2169
Stddev	.0000712	.0001624	.24574	.0008337	.0007792	.0055191	.8023
%RSD	.7864280	2.314879	.5859857	.5155048	.6394684	2.521775	.4195516
#1	.0090046	.0069450	42.04531	.1626706	.1212720	.2205828	191.8052
#2	.0090292	.0068987	42.10723	.1613517	.1215345	.2126828	191.5424
#3	.0091384	.0072002	41.65404	.1611278	.1227335	.2233092	190.3030

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.17367	22.38960	.1810495	.0077447	1.437508	.2016839	.6025388
Stddev	.06172	.10512	.0008611	.0004177	.438374	.0040194	.0029957
%RSD	.6066702	.4694860	.4756263	5.393988	30.49540	1.992930	.4971793
#1	10.20796	22.50608	.1812381	.0078366	1.480703	.2002800	.6059054
#2	10.21063	22.36088	.1801097	.0072886	.979135	.1985548	.6015440
#3	10.10241	22.30182	.1818006	.0081088	1.852684	.2062170	.6001671

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.530837	6.305809	.0178699	.0121167	3.504025	7.993659	.0545664
Stddev	.077563	.043602	.0017416	.0006202	.020686	.016669	.0009514
%RSD	1.029934	.6914590	9.746075	5.118464	.5903411	.2085272	1.743576
#1	7.539127	6.279125	.0167568	.0114009	3.491765	7.993347	.0553333
#2	7.449462	6.282176	.0198769	.0124549	3.492403	7.977148	.0548642
#3	7.603922	6.356125	.0169759	.0124942	3.527908	8.010481	.0535018

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-03 Acquired: 12/18/2024 21:16:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL50 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7914004	-.105739	.1004310
Stddev	.0046099	.000276	.0068595
%RSD	.5825017	.2605820	6.830037
#1	.7918171	-.105905	.1056532
#2	.7957878	-.105892	.1029773
#3	.7865963	-.105421	.0926625

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3130.149	39309.94	2919.829	2710.735	2133.563
Stddev	10.391	15.90	2.731	4.986	7.284
%RSD	.3319552	.0404585	.0935258	.1839525	.3413848
#1	3142.146	39302.09	2920.851	2715.396	2141.200
#2	3124.240	39299.50	2921.902	2705.477	2132.796
#3	3124.060	39328.25	2916.735	2711.330	2126.693

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-04 Acquired: 12/18/2024 21:20:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL51 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0896052	-.040099	.3565677	.0562260	.0188556	53.33233	.7716516
Stddev	.0038341	.001170	.0022317	.0027999	.0023046	.21195	.0034578
%RSD	4.278922	2.917810	.6258963	4.979735	12.22210	.3974157	.4481045
#1	.0940270	-.039333	.3561828	.0579629	.0208718	53.14188	.7680085
#2	.0872031	-.039518	.3589669	.0529960	.0193516	53.29443	.7720581
#3	.0875856	-.041446	.3545534	.0577191	.0163435	53.56067	.7748882

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068197	.0038704	229.3303	.0884884	.1104920	.1566058	152.4706
Stddev	.0000316	.0000817	.7367	.0006143	.0005824	.0062182	.5726
%RSD	.4632367	2.112153	.3212274	.6942000	.5270868	3.970611	.3755652
#1	.0068482	.0037804	229.0654	.0886783	.1101507	.1496355	152.2748
#2	.0068250	.0038908	228.7627	.0878016	.1101609	.1615832	152.0216
#3	.0067857	.0039400	230.1628	.0889853	.1111645	.1585988	153.1154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.565635	47.89721	.1210953	.0053802	.9424678	.1520225	.4163239
Stddev	.032536	.36364	.0011293	.0001201	.6663542	.0077689	.0158097
%RSD	.4300455	.7591997	.9325619	2.232988	70.70313	5.110364	3.797439
#1	7.544312	47.79628	.1201390	.0054563	1.111865	.1473313	.4286932
#2	7.549510	47.59471	.1208058	.0052417	.207764	.1477461	.3985119
#3	7.603084	48.30065	.1223412	.0054426	1.507775	.1609901	.4217666

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.227607	3.947972	.0113792	.0044584	1.414352	7.828475	.0401200
Stddev	.151984	.020251	.0006934	.0003660	.003915	.064973	.0013671
%RSD	2.440484	.5129418	6.093498	8.208884	.2768346	.8299522	3.407511
#1	6.107102	3.939508	.0119893	.0044697	1.418402	7.887987	.0386713
#2	6.398349	3.933327	.0115232	.0048186	1.414067	7.759156	.0413875
#3	6.177370	3.971082	.0106251	.0040869	1.410587	7.838280	.0403012

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-04 Acquired: 12/18/2024 21:20:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL51 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9406796	.0793052	.0812358
Stddev	.0026884	.0009690	.0032448
%RSD	.2857970	1.221874	3.994316
#1	.9382282	.0782376	.0774945
#2	.9435548	.0795489	.0829310
#3	.9402558	.0801291	.0832819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2866.259	35905.30	2704.648	2471.471	2020.955
Stddev	7.115	97.16	18.394	7.159	.603
%RSD	.2482187	.2706084	.6800713	.2896635	.0298378
#1	2864.480	35919.13	2687.410	2472.085	2020.969
#2	2860.204	35801.96	2724.012	2464.025	2020.344
#3	2874.095	35994.80	2702.521	2478.303	2021.550

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-05 Acquired: 12/18/2024 21:24:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0838054	-.028328	.2681094	.0406879	.0127284	48.21473
Stddev	.0051531	.002439	.0051992	.0016868	.0030656	.17497
%RSD	6.148870	8.609471	1.939192	4.145631	24.08499	.3629021
#1	.0817114	-.030421	.2630083	.0403712	.0091936	48.03865
#2	.0800290	-.028915	.2679186	.0391819	.0143311	48.38857
#3	.0896759	-.025650	.2734013	.0425106	.0146604	48.21698

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7469356	.0068661	.0031563	F 870.6101	.0769051	.1262857
Stddev	.0023251	.0002098	.0000959	2.7760	.0010401	.0006881
%RSD	.3112901	3.055392	3.037179	.3188581	1.352404	.5448559
#1	.7443481	.0069022	.0032545	868.1541	.0780185	.1260018
#2	.7476087	.0070554	.0030630	873.6220	.0767381	.1270703
#3	.7488499	.0066406	.0031515	870.0542	.0759586	.1257850

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1743466	146.9438	5.625086	73.23770	.1269508	.0065832
Stddev	.0084803	.7178	.015562	.17895	.0004489	.0010442
%RSD	4.864020	.4884663	.2766578	.2443346	.3536119	15.86121
#1	.1784918	146.5066	5.607217	73.15654	.1269390	.0077885
#2	.1799570	147.7722	5.635661	73.44284	.1265080	.0060073
#3	.1645911	146.5527	5.632381	73.11372	.1274055	.0059538

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.033408	.1212456	.3126507	7.640841	4.124189	.0429178
Stddev	.285992	.0072775	.0066384	.200399	.006558	.0009468
%RSD	27.67465	6.002287	2.123263	2.622737	.1590034	2.206104
#1	.846185	.1168967	.3174991	7.509962	4.117020	.0433812
#2	.891429	.1171930	.3153682	7.871546	4.129885	.0418285
#3	1.362608	.1296472	.3050847	7.541015	4.125661	.0435437

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-05 Acquired: 12/18/2024 21:24:04 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004297	1.786638	7.113880	.0335161	.3594777	.6919282
Stddev	.0003927	.007302	.039540	.0028614	.0035843	.0002304
%RSD	91.39084	.4087099	.5558189	8.537272	.9970979	.0333030
#1	.0002364	1.784205	7.097165	.0329047	.3561052	.6916998
#2	.0001712	1.794846	7.159033	.0366338	.3632417	.6921606
#3	.0008816	1.780862	7.085442	.0310099	.3590862	.6919243

Elem	Li6707
Units	ppm
Avg	.0955526
Stddev	.0038896
%RSD	4.070640
#1	.0947489
#2	.0997812
#3	.0921276

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2702.115	33653.47	2627.788	2320.566	1880.767
Stddev	8.498	196.20	7.796	20.151	7.361
%RSD	.3144821	.5830076	.2966730	.8683598	.3913961
#1	2711.459	33426.92	2625.376	2297.390	1887.670
#2	2700.037	33767.11	2621.484	2330.367	1881.612
#3	2694.850	33766.39	2636.505	2333.943	1873.020

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-06 Acquired: 12/18/2024 21:27:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0778221	-.030054	.2664165	.0384088	.0121229	47.93916
Stddev	.0015404	.003577	.0034739	.0002272	.0038366	.11595
%RSD	1.979434	11.90170	1.303925	.5914704	31.64753	.2418790
#1	.0786820	-.033125	.2669826	.0383858	.0145420	47.81352
#2	.0760437	-.026127	.2695726	.0381940	.0076992	47.96188
#3	.0787406	-.030911	.2626944	.0386466	.0141273	48.04207

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7432243	.0068138	.0030101	F 859.7518	.0755489	.1247056
Stddev	.0023260	.0001786	.0001068	2.6803	.0007910	.0006863
%RSD	.3129610	2.621050	3.547024	.3117541	1.047034	.5503498
#1	.7406165	.0066259	.0030439	856.6591	.0759871	.1243887
#2	.7450849	.0069813	.0028905	861.1941	.0746357	.1242351
#3	.7439715	.0068344	.0030958	861.4020	.0760238	.1254931

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1704848	145.9666	5.613161	73.03693	.1253982	.0055127
Stddev	.0056574	.8538	.029680	.17698	.0005555	.0006312
%RSD	3.318411	.5849181	.5287604	.2423147	.4429950	11.44944
#1	.1675363	145.0703	5.579881	72.83388	.1259931	.0058933
#2	.1669108	146.0592	5.622714	73.11844	.1253086	.0047841
#3	.1770075	146.7703	5.636888	73.15847	.1248929	.0058606

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.497699	.1248346	.3186266	7.773096	4.046940	.0424040
Stddev	.414026	.0031509	.0065353	.096320	.010534	.0045917
%RSD	27.64413	2.524045	2.051082	1.239143	.2602902	10.82837
#1	1.230578	.1255400	.3139801	7.662125	4.044154	.0377618
#2	1.287891	.1213908	.3158003	7.822141	4.038080	.0425069
#3	1.974628	.1275730	.3260993	7.835023	4.058587	.0469434

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-06 Acquired: 12/18/2024 21:27:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000317	1.745604	7.117088	.0352412	.3613104	.6893312
Stddev	.000311	.006682	.053091	.0023903	.0035469	.0051370
%RSD	98.12449	.3827764	.7459612	6.782567	.9816748	.7452178
#1	-.000662	1.752174	7.159497	.0356805	.3595296	.6839159
#2	-.000232	1.738816	7.057546	.0373814	.3653949	.6899425
#3	-.000058	1.745821	7.134221	.0326618	.3590067	.6941352

Elem	Li6707
Units	ppm
Avg	.0946079
Stddev	.0033133
%RSD	3.502104
#1	.0970531
#2	.0908371
#3	.0959335

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2703.052	33978.31	2611.629	2325.988	1891.788
Stddev	9.815	185.32	7.917	4.922	6.691
%RSD	.3630936	.5454066	.3031260	.2116175	.3537060
#1	2691.829	34023.73	2602.683	2331.537	1884.869
#2	2710.025	33774.50	2614.474	2322.150	1898.226
#3	2707.304	34136.70	2617.730	2324.277	1892.270

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-05LX5 Acquired: 12/18/2024 21:31:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0141886	.0143374	.0626163	-.011783	-.008471	11.44550	.1754313
Stddev	.0046277	.0017245	.0024332	.001129	.002051	.11054	.0006892
%RSD	32.61563	12.02789	3.885839	9.582125	24.21185	.9658182	.3928425
#1	.0105252	.0137669	.0623420	-.012418	-.010159	11.33120	.1752877
#2	.0126513	.0129705	.0651750	-.010480	-.009064	11.55185	.1761809
#3	.0193893	.0162749	.0603320	-.012452	-.006188	11.45347	.1748251

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0015631	.0004793	204.6673	.0194878	.0553153	.0423959	35.35772
Stddev	.0000846	.0000464	1.0555	.0005894	.0002379	.0002574	.37831
%RSD	5.412236	9.691453	.5156938	3.024339	.4301499	.6070771	1.069955
#1	.0016159	.0005093	203.6513	.0200771	.0555756	.0426267	35.01064
#2	.0014655	.0004258	205.7582	.0188984	.0552611	.0424427	35.76098
#3	.0016080	.0005028	204.5923	.0194879	.0551091	.0421183	35.30154

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.367742	17.82828	.0231138	.0012877	.9616575	.0356123	.0835365
Stddev	.011264	.26043	.0006761	.0007303	.2518861	.0036310	.0113238
%RSD	.8235580	1.460793	2.924976	56.70999	26.19291	10.19590	13.55548
#1	1.355719	17.58464	.0232019	.0008025	1.247628	.0329481	.0888790
#2	1.378050	18.10276	.0223980	.0009331	.864629	.0341408	.0912007
#3	1.369458	17.79743	.0237415	.0021276	.772715	.0397481	.0705298

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.882164	.7999221	.0093412	.0016825	.3640802	1.876346	.0095285
Stddev	.073797	.0034883	.0005000	.0000386	.0079984	.015665	.0004354
%RSD	3.920837	.4360846	5.352313	2.295724	2.196870	.8348779	4.569301
#1	1.821787	.7994952	.0098261	.0016986	.3720094	1.863606	.0097616
#2	1.964428	.7966669	.0088274	.0016385	.3560144	1.893837	.0090262
#3	1.860275	.8036043	.0093701	.0017106	.3642170	1.871595	.0097977

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-05LX5 Acquired: 12/18/2024 21:31:46 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0934606	.1630230	.0320578
Stddev	.0020743	.0008569	.0036236
%RSD	2.219400	.5256346	11.30323
#1	.0958345	.1620441	.0283766
#2	.0925494	.1633879	.0356208
#3	.0919979	.1636371	.0321761

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2424.739	30559.30	2262.770	2089.024	2039.204
Stddev	5.131	65.45	24.249	3.342	3.491
%RSD	.2115917	.2141594	1.071650	.1599849	.1711855
#1	2429.157	30616.34	2287.935	2092.883	2043.089
#2	2425.949	30573.71	2239.554	2087.129	2038.196
#3	2419.112	30487.85	2260.821	2087.060	2036.329

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-07 Acquired: 12/18/2024 21:35:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1538552	.0575422	.3056005	.1810835	.1690160	52.02193
Stddev	.0041895	.0018857	.0061360	.0020098	.0027461	.99025
%RSD	2.723024	3.277067	2.007860	1.109898	1.624741	1.903527
#1	.1561461	.0579579	.3003764	.1806379	.1672901	51.22479
#2	.1490198	.0591854	.3040673	.1793339	.1675752	51.71054
#3	.1563998	.0554834	.3123577	.1832788	.1721826	53.13045

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.159381	.0922803	.0977619	F 866.4709	.4129083	1.076427
Stddev	.076708	.0024514	.0002535	15.2646	.0013055	.000956
%RSD	1.844219	2.656479	.2592820	1.761704	.3161783	.0888143
#1	4.101472	.0906038	.0980039	853.8725	.4139936	1.076688
#2	4.130292	.0911435	.0974983	862.0944	.4132717	1.075367
#3	4.246379	.0950938	.0977835	883.4457	.4114596	1.077225

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5663268	148.8006	6.500165	73.72796	1.090872	.0696791
Stddev	.0169513	2.9589	.128766	1.36353	.001083	.0004333
%RSD	2.993200	1.988467	1.980958	1.849404	.0992449	.6218850
#1	.5493648	146.2619	6.396363	72.68030	1.091946	.0699468
#2	.5663484	148.0898	6.459874	73.23395	1.089781	.0699113
#3	.5832673	152.0502	6.644258	75.26964	1.090889	.0691791

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8820447	.9924690	1.073980	7.982130	4.042047	.0470884
Stddev	.7889541	.0165921	.014300	.083789	.002067	.0008020
%RSD	89.44604	1.671795	1.331465	1.049712	.0511421	1.703248
#1	1.055433	.9740452	1.081323	7.889747	4.041945	.0469558
#2	.020818	.9971290	1.083117	8.003429	4.040032	.0463609
#3	1.569884	1.006233	1.057501	8.053214	4.044163	.0479484

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-07 Acquired: 12/18/2024 21:35:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL52S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005720	1.746014	7.284080	.0346546	.3683065	.6938231
Stddev	.0008809	.010988	.162363	.0004948	.0058334	.0136056
%RSD	154.0102	.6293035	2.229008	1.427749	1.583842	1.960966
#1	.0012320	1.754285	7.165766	.0341180	.3618599	.6838646
#2	-.000428	1.733547	7.217288	.0350928	.3698387	.6882793
#3	.000912	1.750212	7.469185	.0347531	.3732208	.7093254

Elem	Li6707
Units	ppm
Avg	.0982492
Stddev	.0041006
%RSD	4.173639
#1	.0942612
#2	.0980328
#3	.1024537

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2667.442	33468.79	2555.108	2283.361	1873.706
Stddev	5.244	210.80	43.385	12.680	6.205
%RSD	.1966002	.6298455	1.697967	.5553325	.3311855
#1	2661.952	33284.85	2585.759	2268.773	1869.210
#2	2672.399	33422.70	2574.100	2289.560	1880.786
#3	2667.975	33698.82	2505.466	2291.748	1871.122

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-08 Acquired: 12/18/2024 21:39:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL53 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0764353	-.033923	.2747230	.0447045	.0131897	60.61027
Stddev	.0064109	.004252	.0018320	.0018025	.0027366	.19181
%RSD	8.387290	12.53559	.6668677	4.031960	20.74824	.3164578
#1	.0803509	-.034496	.2753894	.0463571	.0110250	60.40648
#2	.0690370	-.029413	.2726510	.0427825	.0162657	60.63706
#3	.0799182	-.037859	.2761286	.0449739	.0122784	60.78728

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.7024118	.0074900	.0033423	F 810.8338	.0961798	.1248440
Stddev	.0022161	.0000453	.0000767	2.3535	.0002821	.0003262
%RSD	.3154929	.6052411	2.294717	.2902595	.2933273	.2612690
#1	.6998539	.0074377	.0032614	808.6410	.0963603	.1244680
#2	.7036307	.0075134	.0034139	810.5399	.0963244	.1250511
#3	.7037509	.0075188	.0033517	813.3204	.0958547	.1250128

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1667298	154.8689	5.753160	74.39154	.1424662	.0051554
Stddev	.0050951	.3908	.007909	.24792	.0006124	.0006211
%RSD	3.055914	.2523684	.1374713	.3332668	.4298558	12.04811
#1	.1610895	154.4738	5.744049	74.11640	.1417688	.0045279
#2	.1709992	154.8776	5.757166	74.46063	.1427139	.0051684
#3	.1681008	155.2553	5.758264	74.59758	.1429160	.0057700

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.719930	.1528778	.3999719	9.137333	6.529744	.0519839
Stddev	.262696	.0064738	.0058399	.077831	.008563	.0016084
%RSD	15.27364	4.234595	1.460077	.8517869	.1311437	3.094115
#1	1.687696	.1540453	.4040256	9.218401	6.524836	.0533848
#2	1.997256	.1458998	.4026121	9.063205	6.524765	.0523395
#3	1.474839	.1586884	.3932782	9.130391	6.539632	.0502274

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-08 Acquired: 12/18/2024 21:39:31 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL53 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001461	1.786726	6.488145	.0407137	.3977302	.8406735
Stddev	.0004814	.008560	.008493	.0009871	.0010236	.0019609
%RSD	329.5378	.4790646	.1309007	2.424571	.2573594	.2332553
#1	-.000064	1.777880	6.480385	.0414150	.3967371	.8387522
#2	-.000195	1.794967	6.497218	.0411412	.3987818	.8405965
#3	.000697	1.787332	6.486831	.0395848	.3976716	.8426717

Elem	Li6707
Units	ppm
Avg	.1183793
Stddev	.0046664
%RSD	3.941900
#1	.1139386
#2	.1232426
#3	.1179567

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2839.016	35625.36	2731.318	2440.255	1908.726
Stddev	3.371	28.26	8.441	6.155	1.860
%RSD	.1187346	.0793136	.3090295	.2522447	.0974530
#1	2840.203	35647.65	2741.058	2441.005	1907.955
#2	2841.632	35634.85	2726.145	2433.759	1910.848
#3	2835.211	35593.58	2726.751	2446.001	1907.376

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-09 Acquired: 12/18/2024 21:43:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL54 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0382333	.0019599	.2102504	.0089941	-.001067	42.96138
Stddev	.0071673	.0023598	.0037821	.0021180	.002999	.11302
%RSD	18.74620	120.4037	1.798873	23.54845	281.1931	.2630707
#1	.0305472	.0045775	.2143240	.0078773	-.002197	42.85402
#2	.0447340	.0013065	.2068501	.0114368	-.003337	43.07931
#3	.0394185	-.000004	.2095773	.0076684	.002334	42.95080

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5405658	.0048981	.0022393	F 1155.415	.0678053	.1042289
Stddev	.0025556	.0001444	.0001217	10.499	.0009765	.0005507
%RSD	.4727588	2.947611	5.434259	.9087009	1.440162	.5283811
#1	.5379484	.0050647	.0022444	1167.490	.0689323	.1048550
#2	.5430547	.0048117	.0023584	1148.440	.0672121	.1040121
#3	.5406943	.0048177	.0021152	1150.314	.0672714	.1038195

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1383172	101.7381	5.655806	339.2097	.0973444	.0037997
Stddev	.0095730	.2907	.005433	.7977	.0007737	.0011081
%RSD	6.921042	.2857074	.0960671	.2351547	.7948013	29.16359
#1	.1272667	101.6216	5.652149	338.9718	.0969573	.0050533
#2	.1436042	102.0689	5.662049	340.0993	.0968406	.0033950
#3	.1440806	101.5237	5.653219	338.5581	.0982353	.0029508

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.379348	.1047168	.3517323	5.662341	4.828938	.0594815
Stddev	.104329	.0035355	.0031816	.182104	.011287	.0030282
%RSD	4.384753	3.376284	.9045527	3.216049	.2337365	5.091035
#1	2.471230	.1080352	.3481029	5.867477	4.827558	.0562709
#2	2.265933	.1009982	.3530537	5.519759	4.818404	.0622864
#3	2.400880	.1051168	.3540402	5.599786	4.840852	.0598873

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-09 Acquired: 12/18/2024 21:43:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL54 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000372	1.818796	4.937821	.0208789	.1646267	.7209481
Stddev	.000214	.013450	.042875	.0032752	.0031825	.0010233
%RSD	57.46045	.7395111	.8683022	15.68637	1.933152	.1419440
#1	-.000246	1.825504	4.986082	.0171758	.1609911	.7205668
#2	-.000252	1.803311	4.923256	.0220657	.1669083	.7221074
#3	-.000619	1.827573	4.904126	.0233953	.1659807	.7201702

Elem	Li6707
Units	ppm
Avg	.0928040
Stddev	.0021919
%RSD	2.361906
#1	.0928176
#2	.0906052
#3	.0949891

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.727	33319.96	2584.536	2281.433	1867.813
Stddev	4.362	109.23	13.026	10.612	2.101
%RSD	.1646331	.3278216	.5039898	.4651480	.1124913
#1	2654.583	33323.60	2569.520	2289.620	1870.165
#2	2648.459	33427.33	2591.308	2285.236	1866.121
#3	2646.140	33208.96	2592.782	2269.444	1867.152

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-10 Acquired: 12/18/2024 21:47:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL55 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1794639	-.042115	.9646065	.1058893	.0353147	80.07939
Stddev	.0026168	.001411	.0050860	.0032283	.0019821	.13712
%RSD	1.458130	3.349650	.5272594	3.048734	5.612820	.1712250
#1	.1775337	-.041593	.9676133	.1040568	.0372394	80.05508
#2	.1784158	-.043712	.9587343	.1039943	.0332797	79.95605
#3	.1824423	-.041040	.9674718	.1096168	.0354251	80.22703

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.673603	.0088112	.0122326	106.2198	.1397690	.1574861
Stddev	.002599	.0001123	.0001645	.3398	.0008831	.0011149
%RSD	.1553225	1.275083	1.345045	.3199299	.6317900	.7079069
#1	1.671387	.0088624	.0121233	106.2111	.1407605	.1586103
#2	1.672958	.0086824	.0121526	105.8844	.1390671	.1563808
#3	1.676464	.0088889	.0124218	106.5639	.1394793	.1574673

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2469618	205.0859	22.39786	33.41377	.2802906	.0114040
Stddev	.0030202	.3976	.01554	.04995	.0009447	.0002366
%RSD	1.222944	.1938572	.0693675	.1494826	.3370545	2.075058
#1	.2490749	205.0370	22.38500	33.37425	.2813253	.0112708
#2	.2483077	204.7150	22.39345	33.39716	.2800728	.0116772
#3	.2435026	205.5056	22.41513	33.46991	.2794739	.0112640

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.639542	.2040465	.8406503	9.420462	F 15.26501	.0262993
Stddev	.110669	.0031208	.0107336	.144475	.06243	.0024777
%RSD	6.749988	1.529447	1.276824	1.533634	.4090039	9.421085
#1	1.692812	.2048993	.8420689	9.315677	15.32603	.0241676
#2	1.713502	.2005880	.8506040	9.585275	15.20125	.0257127
#3	1.512312	.2066523	.8292779	9.360436	15.26775	.0290176

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-10 Acquired: 12/18/2024 21:47:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL55 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069179	5.755070	7.944062	.0675999	.9152990	-.005319
Stddev	.0003094	.036202	.036762	.0010277	.0019914	.000385
%RSD	4.473058	.6290473	.4627573	1.520232	.2175731	7.233578
#1	.0065744	5.793217	7.983297	.0672624	.9132898	-.005757
#2	.0070043	5.721191	7.910412	.0667834	.9172722	-.005162
#3	.0071749	5.750802	7.938477	.0687538	.9153351	-.005037

Elem	Li6707
Units	ppm
Avg	.1206874
Stddev	.0011056
%RSD	.9161301
#1	.1205193
#2	.1218674
#3	.1196753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3372.692	42060.29	3144.211	2913.255	2079.582
Stddev	10.020	143.96	12.965	4.921	9.053
%RSD	.2971034	.3422597	.4123403	.1689068	.4353504
#1	3366.066	42092.88	3137.144	2908.167	2070.910
#2	3384.220	42185.17	3159.173	2917.989	2088.974
#3	3367.789	41902.84	3136.315	2913.610	2078.862

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV062 Acquired: 12/18/2024 21:51:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.823702	4.754968	24.76317	5.285726	5.382351	409.5334	10.36718
Stddev	.011355	.017058	.05279	.013140	.011499	7.1784	.18262
%RSD	.2353956	.3587378	.2131858	.2486024	.2136495	1.752832	1.761511
#1	4.828358	4.773131	24.82011	5.292355	5.392203	404.0221	10.22763
#2	4.810759	4.752484	24.71585	5.270591	5.369715	406.9272	10.30004
#3	4.831989	4.739287	24.75354	5.294231	5.385136	417.6509	10.57386

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5236840	2.474495	410.8678	15.36120	2.479022	15.33149	416.4786
Stddev	.0085820	.004397	6.9648	.03014	.004432	.25703	6.9596
%RSD	1.638779	.1776901	1.695150	.1961846	.1787742	1.676478	1.671054
#1	.5167143	2.479440	405.5126	15.34049	2.483990	15.12380	411.4090
#2	.5210682	2.471026	408.3492	15.39577	2.475474	15.25171	413.6133
#3	.5332695	2.473018	418.7416	15.34735	2.477602	15.61894	424.4134

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71775	413.3201	2.477517	1.286811	413.0013	2.557003	14.68150
Stddev	.27786	6.8828	.004333	.003991	7.3681	.040014	.03790
%RSD	1.767806	1.665245	.1749111	.3101316	1.784044	1.564887	.2581726
#1	15.52194	407.8818	2.482519	1.282423	406.3445	2.518470	14.65100
#2	15.59555	411.0201	2.475154	1.290224	411.7411	2.554188	14.72393
#3	16.03577	421.0584	2.474880	1.287786	420.9182	2.598350	14.66957

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.3915	4.959584	4.966855	4.851725	5.055650	4.870803	4.992681
Stddev	2.8161	.019098	.090284	.005302	.003918	.087123	.018455
%RSD	1.823983	.3850634	1.817726	.1092882	.0775043	1.788670	.3696348
#1	151.9234	4.979096	4.892639	4.857452	5.059099	4.806719	5.009892
#2	153.7921	4.940930	4.940557	4.846986	5.056461	4.835687	4.973194
#3	157.4590	4.958726	5.067368	4.850738	5.051390	4.970003	4.994959

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV062 Acquired: 12/18/2024 21:51:09 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV062 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.156459	4.918841	5.243250
Stddev	.082817	.078966	.091916
%RSD	1.606082	1.605376	1.753027
#1	5.090739	4.858986	5.172642
#2	5.129158	4.889199	5.209930
#3	5.249480	5.008339	5.347179

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2077.286	27104.39	2130.159	1768.293	1778.854
Stddev	4.045	12.31	37.030	6.485	3.337
%RSD	.1947081	.0454141	1.738380	.3667631	.1875761
#1	2078.262	27118.14	2155.189	1772.366	1778.602
#2	2072.842	27094.38	2147.667	1760.814	1775.651
#3	2080.753	27100.67	2087.622	1771.698	1782.310

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB062 Acquired: 12/18/2024 21:54:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013210	.0012829	.0015335	.0012476	-.002097	.0128399
Stddev	.0043553	.0024864	.0026964	.0018747	.000395	.0051098
%RSD	329.6939	193.8175	175.8279	150.2622	18.85443	39.79636
#1	.0033516	.0012809	-.000014	-.000917	-.001710	.0082862
#2	.0042902	.0037703	.004647	.002311	-.002500	.0183660
#3	-.003679	-.001203	-.000032	.002349	-.002080	.0118673

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012002	-.000118	-.000008	.0266312	.0015395	-.000407
Stddev	.0006104	.000168	.000052	.0346862	.0002618	.000211
%RSD	50.86155	142.1836	684.8023	130.2463	17.00358	51.84300
#1	.0006780	.000068	-.000067	.0628913	.0015339	-.000430
#2	.0018713	-.000163	.000030	.0232335	.0018041	-.000606
#3	.0010512	-.000260	.000014	-.006231	.0012806	-.000185

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017266	.0448455	.0032634	-.017962	-.000242	-.000247
Stddev	.0043183	.0305581	.0011452	.057190	.000159	.000585
%RSD	250.1077	68.14083	35.09139	318.3886	65.82821	236.8607
#1	-.001357	.0549666	.0034857	-.048950	-.000287	.000069
#2	.006662	.0690591	.0020234	.048034	-.000065	-.000921
#3	-.000125	.0105109	.0042812	-.052972	-.000373	.000112

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.400757	.0018965	.0063250	.5053505	.0005801	.0076241
Stddev	.242261	.0047666	.0024666	.0523211	.0015293	.0014052
%RSD	17.29504	251.3433	38.99824	10.35343	263.6341	18.43111
#1	1.571282	-.000080	.0047944	.4505989	.0020290	.0076626
#2	1.123449	-.001564	.0050101	.5548442	.0007298	.0090097
#3	1.507540	.007333	.0091705	.5106083	-.001019	.0062001

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB062 Acquired: 12/18/2024 21:54:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB062 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002973	-.001148	-.001549	.0012178	-.001018	.0006080
Stddev	.0000807	.002343	.001173	.0009669	.001167	.0001699
%RSD	27.14253	204.0030	75.71048	79.39760	114.7212	27.94796
#1	.0003904	.000948	-.001598	.0023242	-.001881	.0008039
#2	.0002479	-.000716	-.000353	.0005355	-.001482	.0005179
#3	.0002536	-.003678	-.002696	.0007935	.000311	.0005020

Elem	Li6707
Units	ppm
Avg	F .0180017
Stddev	.0049369
%RSD	27.42473
#1	.0190669
#2	.0126191
#3	.0223190

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.846	30180.98	2196.430	2065.475	2171.790
Stddev	5.526	87.48	8.004	17.905	6.044
%RSD	.2298860	.2898352	.3644309	.8668524	.2783119
#1	2409.051	30131.33	2202.865	2045.096	2176.554
#2	2398.046	30129.62	2198.958	2072.648	2164.991
#3	2404.440	30281.98	2187.467	2078.681	2173.825

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-11 Acquired: 12/18/2024 21:58:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL60 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0507046	-.014886	.1983452	.0253215	.0029552	31.04856
Stddev	.0107494	.004592	.0018346	.0040015	.0037119	.02856
%RSD	21.20008	30.84779	.9249360	15.80258	125.6042	.0919966
#1	.0630610	-.013698	.2003206	.0289056	.0010153	31.04394
#2	.0435067	-.011004	.1980200	.0210041	.0006153	31.02259
#3	.0455462	-.019955	.1966950	.0260546	.0072351	31.07915

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3031736	.0041931	.0026867	F 1017.545	.0558286	.1013466
Stddev	.0009689	.0000802	.0000839	.749	.0002895	.0007651
%RSD	.3195912	1.911883	3.121422	.0736002	.5185214	.7549033
#1	.3035337	.0041114	.0026473	1016.681	.0559626	.1016679
#2	.3020762	.0041960	.0026299	1018.007	.0554964	.1004733
#3	.3039110	.0042717	.0027831	1017.948	.0560268	.1018987

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1543713	120.3717	6.310648	246.7254	.0847482	.0034395
Stddev	.0068368	.2028	.008483	.9764	.0006236	.0012800
%RSD	4.428832	.1684647	.1344249	.3957550	.7357862	37.21488
#1	.1519409	120.2996	6.316376	247.0084	.0850571	.0021372
#2	.1620912	120.2148	6.300903	245.6388	.0840305	.0046960
#3	.1490817	120.6007	6.314665	247.5291	.0851570	.0034854

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.651592	.1207459	.4137984	1.968021	5.447195	.0207268
Stddev	.076407	.0028516	.0013277	.092911	.007608	.0022592
%RSD	4.626260	2.361617	.3208516	4.721058	.1396603	10.89982
#1	1.732408	.1225866	.4123265	1.961926	5.449659	.0228336
#2	1.580531	.1221899	.4149057	2.063829	5.438660	.0183411
#3	1.641838	.1174611	.4141630	1.878307	5.453265	.0210058

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-11 Acquired: 12/18/2024 21:58:47 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL60 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008427	1.226007	3.318094	.0212177	.3548590	.7307963
Stddev	.0010223	.003355	.021190	.0013002	.0007717	.0031524
%RSD	121.3233	.2736655	.6386147	6.127709	.2174696	.4313642
#1	-.000253	1.229206	3.304584	.0197184	.3540464	.7305946
#2	.001010	1.222515	3.307182	.0220341	.3555820	.7277496
#3	.001771	1.226299	3.342516	.0219006	.3549485	.7340447

Elem	Li6707
Units	ppm
Avg	.0792990
Stddev	.0024150
%RSD	3.045441
#1	.0766288
#2	.0799376
#3	.0813305

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2654.084	33409.45	2553.839	2288.915	1885.928
Stddev	3.932	68.32	7.067	5.582	3.777
%RSD	.1481336	.2044787	.2767383	.2438742	.2002596
#1	2655.212	33382.77	2557.307	2282.644	1881.951
#2	2657.329	33358.51	2558.503	2293.342	1889.467
#3	2649.712	33487.08	2545.708	2290.759	1886.364

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-12 Acquired: 12/18/2024 22:02:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL61 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0814975	-.031413	.5146719	.0482261	.0144636	50.81247	.6306268
Stddev	.0073700	.002543	.0026634	.0019407	.0016355	1.31010	.0137516
%RSD	9.043176	8.094757	.5174948	4.024098	11.30736	2.578294	2.180629
#1	.0739253	-.030708	.5116393	.0497806	.0135452	51.59820	.6396228
#2	.0819202	-.034234	.5166313	.0488466	.0134938	51.53914	.6374607
#3	.0886470	-.029297	.5157450	.0460511	.0163518	49.30009	.6147970

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058179	.0043347	37.17009	.0755672	.0778247	.1642034	98.88808
Stddev	.0002612	.0001221	.98894	.0009249	.0006402	.0085343	2.33485
%RSD	4.489103	2.815552	2.660589	1.223975	.8226110	5.197426	2.361099
#1	.0061055	.0041994	37.73738	.0760922	.0783178	.1597734	100.1541
#2	.0057528	.0044364	37.74471	.0744992	.0771011	.1740419	100.3165
#3	.0055954	.0043682	36.02816	.0761101	.0780551	.1587950	96.1937

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.263972	15.05218	.0996609	.0030534	1.121599	.1113361	.5373815
Stddev	.137215	.49799	.0002225	.0004982	.446027	.0066203	.0074843
%RSD	2.190543	3.308419	.2232236	16.31743	39.76704	5.946270	1.392730
#1	6.340098	15.42269	.0998986	.0033350	.613505	.1107660	.5373761
#2	6.346249	15.24776	.0996264	.0033470	1.302709	.1182230	.5448684
#3	6.105570	14.48609	.0994577	.0024781	1.448584	.1050192	.5298999

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.094775	4.833757	.0152648	.0054724	2.996084	5.600916	.0105811
Stddev	.128803	.017637	.0044400	.0003857	.010725	.074187	.0020004
%RSD	3.145536	.3648666	29.08675	7.048109	.3579509	1.324550	18.90560
#1	4.173016	4.813637	.0177085	.0055773	2.984411	5.640751	.0126607
#2	4.165195	4.841089	.0179461	.0050451	2.998338	5.646675	.0104121
#3	3.946115	4.846545	.0101397	.0057949	3.005502	5.515320	.0086705

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-12 Acquired: 12/18/2024 22:02:37 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL61 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2844342	-.009591	.0580934
Stddev	.0093433	.000283	.0034200
%RSD	3.284866	2.948339	5.887009
#1	.2899271	-.009707	.0620228
#2	.2897293	-.009797	.0564690
#3	.2736461	-.009268	.0557884

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.482	36127.17	2675.665	2494.671	2204.856
Stddev	7.232	256.01	38.450	15.045	5.336
%RSD	.2503859	.7086241	1.437029	.6030666	.2419903
#1	2896.690	35838.34	2654.877	2477.818	2210.825
#2	2885.710	36217.07	2652.083	2499.446	2200.552
#3	2883.046	36326.10	2720.033	2506.748	2203.189

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-13 Acquired: 12/18/2024 22:06:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL62 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0617791	.0009047	1.086202	.0135578	.0014908	34.31939	.7926444
Stddev	.0073143	.0028376	.000719	.0059036	.0019766	.05796	.0043457
%RSD	11.83942	313.6601	.0661844	43.54410	132.5867	.1688912	.5482532
#1	.0620249	-.001849	1.086295	.0134671	.0037454	34.35369	.7944942
#2	.0689674	.003820	1.085442	.0077000	.0000556	34.25246	.7876798
#3	.0543450	.000743	1.086870	.0195062	.0006715	34.35201	.7957591

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0038453	.0091095	513.7497	.0790914	.0861100	.1958586	82.83329
Stddev	.0001106	.0001215	1.5617	.0002881	.0008231	.0050340	.39741
%RSD	2.876376	1.333506	.3039757	.3642290	.9558968	2.570242	.4797678
#1	.0039628	.0089818	514.8232	.0793810	.0860453	.1900891	82.76733
#2	.0038299	.0092236	511.9582	.0790884	.0869635	.1981297	82.47299
#3	.0037431	.0091230	514.4678	.0788049	.0853211	.1993569	83.25955

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.673434	207.5935	.0962098	.0051359	2.143574	.0986353	1.039411
Stddev	.032140	.6753	.0006777	.0004771	.412241	.0026281	.027640
%RSD	.4188413	.3252776	.7044016	9.289631	19.23147	2.664459	2.659153
#1	7.675046	207.3103	.0955515	.0056465	2.019061	.1016604	1.018215
#2	7.640519	207.1060	.0969054	.0047015	2.603719	.0969140	1.070673
#3	7.704737	208.3643	.0961725	.0050595	1.807943	.0973314	1.029344

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.421716	6.533937	.0326471	.0040380	7.007335	4.961474	.0223823
Stddev	.142186	.028418	.0014705	.0004810	.042925	.047786	.0005971
%RSD	4.155390	.4349332	4.504123	11.91202	.6125774	.9631367	2.667558
#1	3.312648	6.503230	.0342292	.0038713	6.962201	4.992865	.0218253
#2	3.369973	6.539270	.0323901	.0045801	7.012160	4.906479	.0223089
#3	3.582528	6.559311	.0313222	.0036624	7.047644	4.985078	.0230127

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-13 Acquired: 12/18/2024 22:06:28 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL62 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.3682298	.4108650	.0579974
Stddev	.0022124	.0008187	.0042708
%RSD	.6008210	.1992715	7.363811
#1	.3707261	.4108588	.0531581
#2	.3665116	.4100493	.0612391
#3	.3674517	.4116868	.0595951

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2578.818	32242.89	2462.815	2221.226	1967.554
Stddev	.934	205.71	12.679	9.738	1.587
%RSD	.0362166	.6379942	.5148162	.4384285	.0806364
#1	2579.712	32305.18	2450.870	2224.360	1968.699
#2	2577.849	32013.24	2476.118	2210.306	1968.219
#3	2578.895	32410.26	2461.455	2229.011	1965.743

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-14 Acquired: 12/18/2024 22:10:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL63 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1766241	-.036120	4.359279	.0793316	.0293771	63.49434
Stddev	.0025657	.002901	.008264	.0056635	.0004493	.21002
%RSD	1.452650	8.031387	.1895745	7.138991	1.529287	.3307764
#1	.1785085	-.039270	4.349773	.0733002	.0289519	63.56894
#2	.1737021	-.033559	4.364754	.0801582	.0293323	63.65689
#3	.1776617	-.035531	4.363309	.0845363	.0298471	63.25721

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.863020	.0077301	.0163111	208.2839	.1374584	.1319499
Stddev	.002512	.0000823	.0001501	.8144	.0008311	.0004643
%RSD	.1348209	1.064784	.9203027	.3910267	.6045898	.3518698
#1	1.862846	.0077064	.0162762	208.4828	.1373106	.1314197
#2	1.865614	.0076623	.0161815	208.9804	.1367112	.1322835
#3	1.860599	.0078217	.0164756	207.3884	.1383535	.1321465

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3935304	177.7927	16.15750	67.04726	.2159750	.0112617
Stddev	.0029189	.3768	.02577	.22761	.0022102	.0003850
%RSD	.7417080	.2119513	.1595015	.3394701	1.023370	3.418978
#1	.3912733	177.7445	16.16343	66.89368	.2165543	.0112483
#2	.3924914	178.1914	16.17979	67.30875	.2135328	.0116532
#3	.3968266	177.4424	16.12928	66.93935	.2178378	.0108835

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.628930	.1737757	1.622849	7.813110	F 10.12996	.0282415
Stddev	.456116	.0054082	.008031	.067977	.02027	.0008082
%RSD	28.00097	3.112168	.4948852	.8700425	.2001403	2.861633
#1	1.409436	.1689186	1.615109	7.840355	10.10657	.0282640
#2	1.324058	.1728049	1.631142	7.735737	10.14068	.0290382
#3	2.153296	.1796035	1.622295	7.863239	10.14261	.0274224

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-14 Acquired: 12/18/2024 22:10:17 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL63 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084551	4.540747	6.938577	.2117888	.8724662	.1488624
Stddev	.0011464	.011921	.059815	.0014567	.0057310	.0002764
%RSD	13.55862	.2625427	.8620585	.6877945	.6568729	.1856995
#1	.0077818	4.533494	6.999311	.2116278	.8663923	.1489743
#2	.0097788	4.534241	6.936695	.2104194	.8732283	.1485476
#3	.0078048	4.554506	6.879726	.2133193	.8777780	.1490653

Elem	Li6707
Units	ppm
Avg	.1005302
Stddev	.0012692
%RSD	1.262548
#1	.1013974
#2	.1011197
#3	.0990734

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.002	36296.67	2733.162	2518.352	2027.766
Stddev	5.891	157.85	27.234	15.429	3.316
%RSD	.2033379	.4348998	.9964450	.6126486	.1635352
#1	2903.804	36117.03	2705.586	2500.537	2031.594
#2	2893.571	36413.24	2733.858	2527.333	2025.928
#3	2893.630	36359.74	2760.041	2527.188	2025.777

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-15 Acquired: 12/18/2024 22:14:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL64 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2649581	.0182043	3.768966	.1450093	.0441168	79.61812
Stddev	.0025077	.0037200	.001679	.0014755	.0031230	.19589
%RSD	.9464371	20.43484	.0445493	1.017495	7.078832	.2460346
#1	.2668019	.0155467	3.767040	.1463524	.0423328	79.40763
#2	.2659698	.0224557	3.770121	.1452454	.0477228	79.65165
#3	.2621026	.0166106	3.769738	.1434300	.0422947	79.79508

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.827038	.0051094	.0194806	144.3817	.1695595	.1845574
Stddev	.009160	.0000492	.0000601	.2216	.0000539	.0008344
%RSD	.3240035	.9628200	.3082519	.1534568	.0317793	.4521262
#1	2.816965	.0050826	.0194917	144.2837	.1696176	.1854916
#2	2.829280	.0050794	.0194158	144.6353	.1695498	.1838859
#3	2.834868	.0051662	.0195344	144.2260	.1695111	.1842947

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5133140	233.7037	F 66.33996	42.29151	.2658391	.0228653
Stddev	.0059927	.6134	.18876	.14771	.0006340	.0002427
%RSD	1.167445	.2624713	.2845399	.3492748	.2384763	1.061488
#1	.5187029	233.0196	66.15570	42.15841	.2665702	.0228176
#2	.5068603	233.8868	66.33127	42.26568	.2655057	.0231283
#3	.5143788	234.2047	66.53293	42.45044	.2654415	.0226499

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.711327	.2264111	6.774536	9.014928	F 12.50585	.0241473
Stddev	.414593	.0048790	.035948	.096001	.01814	.0038127
%RSD	24.22640	2.154919	.5306353	1.064915	.1450144	15.78920
#1	2.185125	.2242178	6.751454	8.910119	12.52488	.0256876
#2	1.415068	.2230137	6.756199	9.098598	12.48876	.0198054
#3	1.533787	.2320018	6.815954	9.036068	12.50391	.0269488

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-15 Acquired: 12/18/2024 22:14:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL64 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0067451	4.406122	7.043575	.3157937	.9453237	.0496585
Stddev	.0001466	.005674	.022992	.0026460	.0050551	.0005480
%RSD	2.173533	.1287836	.3264241	.8378728	.5347473	1.103447
#1	.0067402	4.406225	7.051314	.3130379	.9426017	.0490384
#2	.0068941	4.400397	7.061699	.3183141	.9422130	.0498595
#3	.0066010	4.411744	7.017712	.3160291	.9511565	.0500776

Elem	Li6707
Units	ppm
Avg	.1249303
Stddev	.0009293
%RSD	.7438378
#1	.1244200
#2	.1243680
#3	.1260029

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3132.150	39102.86	2936.129	2706.663	2045.072
Stddev	1.659	83.66	4.398	3.203	1.981
%RSD	.0529687	.2139462	.1497792	.1183414	.0968894
#1	3130.392	39142.17	2938.680	2710.354	2043.251
#2	3133.688	39159.63	2931.051	2705.025	2047.182
#3	3132.372	39006.79	2938.656	2704.610	2044.783

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-16 Acquired: 12/18/2024 22:17:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL65 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1473905	-.044775	1.362284	.0906728	.0326730	69.97346
Stddev	.0026282	.003046	.003111	.0027343	.0030118	.28367
%RSD	1.783172	6.803937	.2283546	3.015525	9.217885	.4053895
#1	.1481459	-.046236	1.358877	.0938287	.0334628	70.30090
#2	.1444673	-.041273	1.362999	.0891740	.0352111	69.81694
#3	.1495584	-.046815	1.364974	.0890156	.0293450	69.80253

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.956312	.0078618	.0112966	164.7364	.1141187	.1400709
Stddev	.007409	.0000355	.0001875	.8437	.0004813	.0013319
%RSD	.3787461	.4515263	1.659491	.5121309	.4217639	.9508718
#1	1.962138	.0079025	.0111897	165.6593	.1146706	.1389722
#2	1.958825	.0078373	.0115131	164.0048	.1137862	.1396883
#3	1.947973	.0078455	.0111871	164.5451	.1138992	.1415522

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2576118	193.1077	18.87435	34.43598	.1886872	.0105321
Stddev	.0051453	.3508	.05076	.08234	.0014255	.0002969
%RSD	1.997318	.1816546	.2689179	.2391241	.7554756	2.818662
#1	.2530163	193.3872	18.91100	34.49900	.1875786	.0106648
#2	.2566484	193.2217	18.89563	34.46612	.1881877	.0101921
#3	.2631708	192.7140	18.81642	34.34281	.1902952	.0107396

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.005291	.2488122	1.111877	6.119315	F 18.20761	.0260131
Stddev	.413261	.0059669	.021760	.071902	.03895	.0016011
%RSD	20.60851	2.398166	1.957093	1.174993	.2139449	6.154967
#1	1.824448	.2435628	1.123240	6.192211	18.16420	.0260362
#2	1.713278	.2553017	1.086787	6.048451	18.21910	.0244006
#3	2.478147	.2475721	1.125603	6.117284	18.23952	.0276025

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-16 Acquired: 12/18/2024 22:17:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL65 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065999	2.865774	6.828524	.1140192	.6703321	.0505792
Stddev	.0007515	.011664	.041563	.0010044	.0033873	.0003987
%RSD	11.38611	.4070190	.6086644	.8808825	.5053142	.7883385
#1	.0074662	2.854182	6.837399	.1138947	.6703421	.0502985
#2	.0061236	2.865631	6.864933	.1130829	.6737144	.0510357
#3	.0062100	2.877509	6.783241	.1150801	.6669398	.0504036

Elem	Li6707
Units	ppm
Avg	.1101175
Stddev	.0022262
%RSD	2.021661
#1	.1078309
#2	.1122780
#3	.1102436

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3117.522	39118.70	2928.653	2692.808	2079.060
Stddev	10.255	213.38	15.724	12.791	7.981
%RSD	.3289469	.5454674	.5369119	.4750130	.3838878
#1	3126.804	38917.64	2930.784	2684.162	2087.442
#2	3106.513	39342.57	2911.972	2707.502	2071.552
#3	3119.248	39095.89	2943.204	2686.761	2078.187

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-17 Acquired: 12/18/2024 22:21:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL66 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0621818	-.032028	.1846795	.0446636	.0155007	56.88985	.5360616
Stddev	.0071359	.004593	.0012315	.0039344	.0042195	.32642	.0018108
%RSD	11.47592	14.33974	.6668222	8.809047	27.22116	.5737800	.3378035
#1	.0703958	-.031064	.1845862	.0418764	.0203071	56.69460	.5360826
#2	.0575103	-.027993	.1859550	.0491642	.0137884	56.70827	.5342404
#3	.0586392	-.037025	.1834974	.0429502	.0124065	57.26669	.5378619

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062752	.0045173	744.1743	.0864211	.1322166	.1409256	153.0233
Stddev	.0001010	.0001606	4.4288	.0009787	.0004595	.0067217	1.2458
%RSD	1.610108	3.554569	.5951317	1.132480	.3475298	4.769671	.8140982
#1	.0062710	.0046977	742.3839	.0853817	.1325711	.1478886	152.4314
#2	.0061763	.0043901	740.9210	.0865567	.1323813	.1404136	152.1838
#3	.0063782	.0044641	749.2180	.0873249	.1316975	.1344746	154.4546

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.828033	133.5904	.1839040	.0035611	1.974705	.1497313	.6806920
Stddev	.035709	.9439	.0002607	.0004423	.403818	.0069107	.0114156
%RSD	.5229729	.7065337	.1417808	12.41930	20.44952	4.615411	1.677057
#1	6.811708	133.4220	.1837747	.0035284	2.250121	.1514090	.6911049
#2	6.803405	132.7421	.1837331	.0040189	2.162848	.1556486	.6684860
#3	6.868986	134.6072	.1842041	.0031362	1.511147	.1421361	.6824851

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.660927	6.690167	.0526207	.0018370	1.251916	6.452946	.0335646
Stddev	.044000	.031335	.0043147	.0004469	.001613	.080157	.0015493
%RSD	.5743436	.4683812	8.199551	24.32598	.1288414	1.242182	4.615878
#1	7.662938	6.670577	.0480808	.0018700	1.252132	6.449077	.0334164
#2	7.703887	6.673616	.0566678	.0022664	1.253409	6.374794	.0320948
#3	7.615956	6.726307	.0531135	.0013745	1.250205	6.534968	.0351827

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-17 Acquired: 12/18/2024 22:21:41 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL66 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9529025	.6347390	.1297817
Stddev	.0023747	.0026379	.0018524
%RSD	.2492113	.4155850	1.427343
#1	.9556446	.6332021	.1289179
#2	.9515470	.6332299	.1285190
#3	.9515160	.6377849	.1319083

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2724.188	34069.14	2613.693	2339.677	1885.464
Stddev	4.054	65.78	26.376	12.985	2.684
%RSD	.1488008	.1930799	1.009130	.5550052	.1423637
#1	2725.473	34054.98	2617.740	2341.947	1886.667
#2	2727.445	34011.60	2637.812	2325.706	1887.337
#3	2719.648	34140.85	2585.529	2351.377	1882.389

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-18 Acquired: 12/18/2024 22:25:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL67 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0527603	-.017952	.2574802	.0370448	.0099457	51.79116	.7490507
Stddev	.0048240	.004930	.0017864	.0032803	.0023924	.05154	.0026689
%RSD	9.143181	27.46018	.6937931	8.854881	24.05451	.0995159	.3562994
#1	.0583240	-.013629	.2556848	.0340167	.0109954	51.82455	.7513013
#2	.0497458	-.023321	.2574985	.0405294	.0072079	51.81714	.7497485
#3	.0502109	-.016906	.2592574	.0365884	.0116337	51.73180	.7461022

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051741	.0064750	714.6451	.0836030	.1211577	.1362273	136.9887
Stddev	.0000602	.0000925	.6201	.0005350	.0003051	.0023271	.2546
%RSD	1.163337	1.428310	.0867723	.6399489	.2518462	1.708244	.1858431
#1	.0052073	.0065542	714.3403	.0838093	.1214981	.1376158	136.8028
#2	.0051047	.0063734	715.3586	.0840043	.1209087	.1375255	136.8845
#3	.0052105	.0064976	714.2364	.0829956	.1210663	.1335408	137.2789

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.142292	102.0236	.1624148	.0044812	1.462097	.1263553	.5282921
Stddev	.024647	.2364	.0010530	.0006271	.228770	.0061883	.0076878
%RSD	.2695889	.2317288	.6483376	13.99335	15.64670	4.897546	1.455217
#1	9.170750	101.9540	.1633872	.0052021	1.203467	.1267328	.5322096
#2	9.128266	102.2870	.1612964	.0041790	1.544842	.1323463	.5194347
#3	9.127859	101.8297	.1625608	.0040624	1.637982	.1199869	.5332321

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.544731	5.720957	.0264104	.0024679	1.086541	6.243481	.0396173
Stddev	.159055	.009353	.0010197	.0009162	.007035	.018009	.0027720
%RSD	2.430270	.1634927	3.861094	37.12515	.6474539	.2884369	6.996956
#1	6.435982	5.729130	.0271945	.0034510	1.083737	6.258119	.0428007
#2	6.727280	5.710756	.0267791	.0023147	1.081340	6.223372	.0383138
#3	6.470932	5.722984	.0252576	.0016379	1.094545	6.248953	.0377373

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-18 Acquired: 12/18/2024 22:25:30 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL67 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.9250815	.5050942	.1174499
Stddev	.0067767	.0001228	.0019709
%RSD	.7325508	.0243210	1.678061
#1	.9236382	.5050101	.1196246
#2	.9324635	.5052352	.1169434
#3	.9191426	.5050374	.1157817

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2647.378	33076.71	2541.730	2275.415	1902.809
Stddev	6.061	128.57	4.016	4.520	3.308
%RSD	.2289552	.3887035	.1579990	.1986384	.1738322
#1	2652.956	33132.30	2539.604	2275.551	1903.771
#2	2640.928	32929.70	2539.223	2270.829	1899.126
#3	2648.252	33168.13	2546.362	2279.866	1905.528

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-19 Acquired: 12/18/2024 22:29:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1573596	-.031192	.7867479	.0885264	.0259188	67.94648
Stddev	.0051155	.000864	.0039392	.0046503	.0010458	.30920
%RSD	3.250848	2.770123	.5006917	5.252961	4.034867	.4550587
#1	.1632451	-.031129	.7864648	.0935718	.0267607	67.77916
#2	.1539816	-.032087	.7829580	.0875952	.0247481	67.75700
#3	.1548522	-.030362	.7908210	.0844122	.0262476	68.30328

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.497198	.0071560	.0100284	102.0634	.1201790	.1337086
Stddev	.006679	.0000667	.0000871	.4528	.0005228	.0006771
%RSD	.4461084	.9320833	.8684566	.4436501	.4349828	.5064109
#1	1.491763	.0071041	.0099360	101.8223	.1199703	.1344778
#2	1.495176	.0072313	.0101089	101.7821	.1207739	.1334453
#3	1.504654	.0071328	.0100403	102.5857	.1197929	.1332026

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2132000	170.1805	20.86307	27.67229	.2374215	.0102884
Stddev	.0066250	.7748	.10048	.05649	.0006385	.0010697
%RSD	3.107410	.4552688	.4816210	.2041331	.2689090	10.39689
#1	.2159673	169.4884	20.77726	27.65391	.2381435	.0112788
#2	.2056400	170.0355	20.83835	27.62727	.2371898	.0091540
#3	.2179926	171.0175	20.97360	27.73567	.2369313	.0104323

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.847310	.1774986	.7549565	8.102874	F 14.61384	.0259293
Stddev	.578411	.0072857	.0045521	.081529	.02733	.0021559
%RSD	31.31100	4.104630	.6029551	1.006178	.1869821	8.314654
#1	1.642583	.1708766	.7507417	8.153491	14.59409	.0255355
#2	2.500242	.1853032	.7543438	8.008824	14.60241	.0239974
#3	1.399107	.1763161	.7597838	8.146308	14.64503	.0282550

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-19 Acquired: 12/18/2024 22:29:19 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ3 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078003	6.087916	7.578800	.0556917	.6639534	-.001160
Stddev	.0005011	.033680	.019286	.0014757	.0006980	.000403
%RSD	6.423873	.5532231	.2544787	2.649747	.1051247	34.73917
#1	.0072228	6.056474	7.575636	.0553829	.6631650	-.000735
#2	.0081197	6.083818	7.599472	.0572974	.6644925	-.001536
#3	.0080585	6.123458	7.561290	.0543949	.6642026	-.001209

Elem	Li6707
Units	ppm
Avg	.0977820
Stddev	.0034315
%RSD	3.509365
#1	.0938423
#2	.1001182
#3	.0993855

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3237.621	40522.27	3028.759	2805.226	2110.194
Stddev	8.685	142.95	3.811	12.294	7.057
%RSD	.2682512	.3527726	.1258383	.4382699	.3344396
#1	3237.517	40583.62	3029.961	2797.090	2111.794
#2	3246.358	40624.30	3031.825	2819.369	2116.314
#3	3228.989	40358.88	3024.492	2799.219	2102.474

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-20 Acquired: 12/18/2024 22:33:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0828209	-.024227	.3126240	.0447268	.0106195	52.99508	.6980935
Stddev	.0059611	.004437	.0032013	.0058623	.0024959	.39817	.0060034
%RSD	7.197612	18.31255	1.024005	13.10688	23.50300	.7513340	.8599679
#1	.0760174	-.028986	.3102196	.0379674	.0134552	52.69487	.6934916
#2	.0853176	-.023490	.3162578	.0484217	.0096472	53.44676	.7048841
#3	.0871277	-.020205	.3113948	.0477913	.0087561	52.84363	.6959046

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061924	.0044730	741.9629	.0833774	.1328266	.2586478	149.3651
Stddev	.0001108	.0000493	4.1465	.0015948	.0011079	.0033753	.5688
%RSD	1.789750	1.101343	.5588543	1.912793	.8341325	1.304977	.3808435
#1	.0062017	.0044291	737.4795	.0851410	.1322146	.2585935	148.7965
#2	.0062983	.0044637	745.6599	.0820363	.1321596	.2553000	149.9342
#3	.0060772	.0045263	742.7494	.0829550	.1341055	.2620499	149.3645

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.785019	147.6502	.1630442	.0061166	2.067422	.1328469	.6039478
Stddev	.066141	1.0588	.0006637	.0009831	.297557	.0045057	.0159115
%RSD	.6759372	.7170861	.4070519	16.07252	14.39265	3.391616	2.634581
#1	9.737600	146.7793	.1636611	.0056452	2.081264	.1284086	.6123260
#2	9.860576	148.8287	.1623420	.0054580	2.357817	.1374170	.5855979
#3	9.756881	147.3426	.1631296	.0072466	1.763186	.1327150	.6139196

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.277504	8.781064	.0149930	.0008868	1.510860	4.968146	.0204125
Stddev	.038754	.028150	.0031271	.0000976	.010030	.070773	.0017639
%RSD	.9059931	.3205739	20.85701	11.01005	.6638570	1.424538	8.641160
#1	4.251065	8.763441	.0117897	.0009952	1.505894	4.980497	.0196270
#2	4.321990	8.766222	.0180379	.0008595	1.504283	5.031931	.0191779
#3	4.259456	8.813529	.0151516	.0008057	1.522405	4.892010	.0224327

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-20 Acquired: 12/18/2024 22:33:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2668639	.4984171	.1033783
Stddev	.0047391	.0031242	.0022648
%RSD	1.775840	.6268279	2.190792
#1	.2642921	.4960432	.1059659
#2	.2723329	.5019565	.1024131
#3	.2639667	.4972515	.1017561

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2782.047	34643.64	2689.984	2396.184	1935.896
Stddev	7.936	400.42	30.944	35.448	7.985
%RSD	.2852650	1.155837	1.150343	1.479352	.4124581
#1	2787.848	34187.64	2697.586	2355.255	1941.568
#2	2785.290	34937.84	2655.947	2417.096	1939.356
#3	2773.003	34805.45	2716.418	2416.200	1926.765

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-21 Acquired: 12/18/2024 22:36:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ5 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1477662	-.035730	.6121968	.0975336	.0323234	78.60603	1.652464
Stddev	.0021804	.000856	.0018608	.0013139	.0023749	.25603	.006145
%RSD	1.475577	2.396861	.3039613	1.347169	7.347261	.3257139	.3718451
#1	.1500901	-.034741	.6100668	.0990286	.0317182	78.31216	1.645388
#2	.1474431	-.036207	.6130169	.0970102	.0303097	78.78095	1.655547
#3	.1457654	-.036241	.6135067	.0965620	.0349423	78.72498	1.656457

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081645	.0102338	132.7032	.1237420	.1535128	.2040445	198.9931
Stddev	.0001358	.0001187	.2340	.0005294	.0008233	.0048906	1.1243
%RSD	1.663839	1.160054	.1763166	.4278225	.5362950	2.396826	.5649830
#1	.0080111	.0102607	132.5935	.1236043	.1527980	.1984866	197.7139
#2	.0082693	.0103368	132.9719	.1243266	.1544130	.2059570	199.4411
#3	.0082132	.0101040	132.5442	.1232951	.1533273	.2076898	199.8243

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.05784	39.46677	.2275954	.0108420	1.556586	.1934774	.6784430
Stddev	.09579	.12049	.0008419	.0005155	.052966	.0050293	.0122639
%RSD	.3981509	.3052838	.3699240	4.754473	3.402680	2.599444	1.807649
#1	23.94850	39.42353	.2270701	.0102481	1.524640	.1984743	.6837201
#2	24.12698	39.37387	.2271496	.0111739	1.527394	.1935417	.6871850
#3	24.09803	39.60291	.2285665	.0111039	1.617725	.1884163	.6644239

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.216532	8.547832	.0150307	.0055122	3.301012	6.744298	.0515736
Stddev	.177764	.002057	.0012805	.0003939	.004244	.062385	.0023679
%RSD	3.407702	.0240659	8.519426	7.146441	.1285738	.9250045	4.591232
#1	5.153407	8.546789	.0161996	.0056170	3.298880	6.676804	.0517680
#2	5.078946	8.550202	.0152303	.0058431	3.298256	6.756245	.0538383
#3	5.417244	8.546505	.0136620	.0050764	3.305900	6.799846	.0491146

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-21 Acquired: 12/18/2024 22:36:58 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ5 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.7507854	-.026305	.1157772
Stddev	.0055650	.000533	.0020584
%RSD	.7412292	2.026618	1.777916
#1	.7444869	-.026642	.1180253
#2	.7528316	-.025691	.1153217
#3	.7550376	-.026584	.1139847

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3169.324	39882.78	2980.834	2751.758	2057.956
Stddev	3.852	12.31	31.494	3.400	1.988
%RSD	.1215268	.0308569	1.056560	.1235457	.0966159
#1	3170.265	39889.25	3013.839	2748.709	2057.704
#2	3172.619	39890.51	2977.555	2755.424	2060.058
#3	3165.090	39868.59	2951.107	2751.140	2056.106

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-22 Acquired: 12/18/2024 22:40:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ6 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0597734	-.018214	.2310450	.0372906	.0127536	49.58485
Stddev	.0062160	.003828	.0032382	.0013806	.0035611	.06081
%RSD	10.39930	21.01396	1.401541	3.702333	27.92225	.1226330
#1	.0668448	-.013815	.2277002	.0387814	.0095509	49.62018
#2	.0551720	-.020784	.2312698	.0370344	.0121215	49.51464
#3	.0573035	-.020044	.2341649	.0360561	.0165884	49.61974

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6586690	.0057183	.0052946	F 990.1792	.0851834	.1246516
Stddev	.0030280	.0000503	.0000721	.5532	.0011145	.0006372
%RSD	.4597182	.8791313	1.361668	.0558701	1.308323	.5111552
#1	.6611594	.0056675	.0053246	989.8724	.0838965	.1252345
#2	.6552984	.0057195	.0053468	989.8475	.0858174	.1239713
#3	.6595492	.0057680	.0052123	990.8179	.0858361	.1247490

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1211552	145.3584	10.75289	100.2632	.1487319	.0046755
Stddev	.0005967	.4732	.02830	.4656	.0007959	.0012962
%RSD	.4925443	.3255121	.2631548	.4643810	.5351219	27.72401
#1	.1218011	145.8824	10.78156	100.7501	.1490549	.0058114
#2	.1206244	144.9625	10.72499	99.8224	.1493155	.0049516
#3	.1210400	145.2302	10.75212	100.2172	.1478253	.0032634

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.475481	.1501237	.4462463	6.209407	9.220012	.0481942
Stddev	.166043	.0037795	.0135130	.024368	.013159	.0017157
%RSD	11.25347	2.517555	3.028149	.3924344	.1427262	3.559887
#1	1.656258	.1490418	.4326408	6.234384	9.231249	.0462767
#2	1.440411	.1543261	.4464333	6.208139	9.223252	.0495841
#3	1.329775	.1470031	.4596648	6.185698	9.205536	.0487218

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5061-22 Acquired: 12/18/2024 22:40:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLKZ6 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001553	1.644276	6.286945	.0442621	.8374590	.6190741
Stddev	.0007615	.007075	.037954	.0023006	.0012453	.0014048
%RSD	490.1989	.4302682	.6036892	5.197586	.1487040	.2269224
#1	-.000582	1.641792	6.270007	.0469185	.8365187	.6206373
#2	.000110	1.638778	6.330418	.0429515	.8388714	.6179174
#3	.000939	1.652258	6.260410	.0429164	.8369870	.6186674

Elem	Li6707
Units	ppm
Avg	.1048979
Stddev	.0014922
%RSD	1.422525
#1	.1039916
#2	.1066202
#3	.1040820

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2763.772	34550.94	2672.636	2364.799	1828.278
Stddev	13.260	373.78	6.495	25.009	9.996
%RSD	.4797664	1.081818	.2430262	1.057567	.5467410
#1	2749.791	34982.16	2665.306	2393.633	1818.771
#2	2765.356	34350.90	2674.922	2351.769	1827.363
#3	2776.168	34319.75	2677.678	2348.996	1838.700

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-01 Acquired: 12/18/2024 22:44:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL70 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0987901	-.047709	1.904412	.0721669	.0256623	72.56862
Stddev	.0042936	.001231	.003212	.0022114	.0023131	.19353
%RSD	4.346148	2.580110	.1686734	3.064338	9.013542	.2666840
#1	.0940531	-.048764	1.905748	.0734780	.0240945	72.78451
#2	.0998918	-.048006	1.900747	.0696136	.0283189	72.51061
#3	.1024255	-.046357	1.906741	.0734090	.0245736	72.41072

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.239443	.0075724	.0066383	122.2852	.1570907	.1173626
Stddev	.004398	.0000424	.0001084	.1994	.0003671	.0003800
%RSD	.3548688	.5599030	1.632142	.1630408	.2336617	.3237593
#1	1.244473	.0076121	.0065270	122.4027	.1571567	.1177612
#2	1.236320	.0075774	.0067434	122.3978	.1574203	.1170046
#3	1.237536	.0075277	.0066446	122.0550	.1566951	.1173219

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2992162	162.8054	8.399680	46.98074	.1844938	.0069129
Stddev	.0068812	.3382	.012810	.14859	.0004980	.0003961
%RSD	2.299729	.2077329	.1525031	.3162712	.2699315	5.729991
#1	.3069138	163.1892	8.412051	46.94615	.1842125	.0072713
#2	.2970733	162.6762	8.400515	46.85250	.1842000	.0064876
#3	.2936615	162.5509	8.386473	47.14357	.1850688	.0069800

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.528004	.1941567	1.370318	6.364045	F 10.05858	.0211401
Stddev	.394250	.0081272	.018318	.051742	.01754	.0017082
%RSD	25.80161	4.185919	1.336805	.8130404	.1744226	8.080189
#1	1.519557	.2034046	1.388028	6.414306	10.06596	.0216191
#2	1.926409	.1881510	1.351447	6.310939	10.03855	.0192436
#3	1.138046	.1909146	1.371479	6.366892	10.07123	.0225577

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-01 Acquired: 12/18/2024 22:44:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL70 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0109790	4.632786	7.605907	.0750896	.6353920	.1224249
Stddev	.0004468	.009238	.060565	.0012508	.0026864	.0003075
%RSD	4.069372	.1993988	.7962944	1.665765	.4227879	.2511895
#1	.0110069	4.623207	7.587135	.0753567	.6358395	.1227791
#2	.0114112	4.633512	7.673636	.0737268	.6378265	.1222691
#3	.0105190	4.641640	7.556951	.0761853	.6325100	.1222264

Elem	Li6707
Units	ppm
Avg	.1320800
Stddev	.0004852
%RSD	.3673695
#1	.1326264
#2	.1316993
#3	.1319144

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2867.928	35901.35	2683.182	2487.897	2133.311
Stddev	11.175	181.68	10.613	15.012	6.631
%RSD	.3896613	.5060527	.3955406	.6034194	.3108529
#1	2875.411	35711.22	2677.548	2475.048	2135.217
#2	2873.291	36073.20	2676.573	2504.399	2138.781
#3	2855.082	35919.63	2695.424	2484.243	2125.936

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-02 Acquired: 12/18/2024 22:48:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL71 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1312861	-.073941	2.337460	.1010129	.0388874	86.36599
Stddev	.0089173	.003299	.007963	.0023131	.0010781	.16558
%RSD	6.792300	4.462121	.3406740	2.289925	2.772461	.1917142
#1	.1222578	-.071383	2.346637	.0985459	.0376528	86.40973
#2	.1400881	-.072775	2.332371	.1013598	.0396434	86.50530
#3	.1315123	-.077665	2.333373	.1031330	.0393661	86.18293

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.402742	.0095497	.0089965	126.8767	.1768737	.1330198
Stddev	.001367	.0000368	.0000357	.2614	.0023557	.0012321
%RSD	.0974433	.3852968	.3970024	.2060526	1.331839	.9262609
#1	1.404291	.0095910	.0089967	126.8945	.1750884	.1341118
#2	1.402230	.0095205	.0089608	127.1287	.1759891	.1316841
#3	1.401705	.0095375	.0090322	126.6068	.1795437	.1332636

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3388706	215.3472	9.553035	50.22800	.2367433	.0079942
Stddev	.0017589	.2983	.032068	.26293	.0000624	.0017036
%RSD	.5190382	.1385315	.3356838	.5234663	.0263447	21.31107
#1	.3401689	215.4944	9.563137	49.98121	.2367857	.0087278
#2	.3368689	215.5433	9.578835	50.50454	.2367724	.0092082
#3	.3395741	215.0039	9.517132	50.19826	.2366717	.0060467

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.868538	.2242308	1.619896	7.318887	F 14.16411	.0158986
Stddev	.143420	.0050584	.018591	.031051	.06055	.0041413
%RSD	7.675515	2.255886	1.147695	.4242518	.4275003	26.04825
#1	1.713162	.2207202	1.601884	7.335583	14.21740	.0168398
#2	1.896600	.2219435	1.639018	7.338018	14.09827	.0113676
#3	1.995854	.2300289	1.618786	7.283061	14.17666	.0194882

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-02 Acquired: 12/18/2024 22:48:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL71 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0079708	4.597988	8.218091	.0985986	.8162688	.1169355
Stddev	.0004932	.029232	.026534	.0016867	.0060150	.0005671
%RSD	6.187542	.6357611	.3228673	1.710665	.7368922	.4849546
#1	.0077425	4.629512	8.199050	.0972094	.8199442	.1172596
#2	.0085367	4.571777	8.248399	.1004754	.8195350	.1172662
#3	.0076331	4.592675	8.206825	.0981111	.8093273	.1162807

Elem	Li6707
Units	ppm
Avg	.1495750
Stddev	.0020064
%RSD	1.341396
#1	.1473594
#2	.1512692
#3	.1500966

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3019.100	37400.68	2828.489	2590.836	2104.497
Stddev	7.916	403.45	6.912	34.012	9.152
%RSD	.2621858	1.078732	.2443732	1.312782	.4348958
#1	3010.353	37737.21	2823.673	2622.748	2094.607
#2	3025.769	37511.41	2825.385	2594.705	2112.667
#3	3021.180	36953.43	2836.409	2555.055	2106.217

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-03 Acquired: 12/18/2024 22:52:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL72 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1294576	-.054386	3.176566	.0813731	.0291812	87.89516
Stddev	.0044552	.004409	.005972	.0007191	.0025545	.19050
%RSD	3.441466	8.107224	.1879860	.8837016	8.754019	.2167367
#1	.1345981	-.050983	3.171012	.0810744	.0292790	87.76065
#2	.1270642	-.052808	3.175806	.0821934	.0316853	87.81168
#3	.1267107	-.059367	3.182882	.0808515	.0265791	88.11315

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.607845	.0096901	.0120616	260.1177	.1967827	.1408364
Stddev	.006922	.0000643	.0002243	.5243	.0018993	.0011033
%RSD	.4305100	.6632463	1.859172	.2015582	.9651896	.7833592
#1	1.600462	.0096371	.0120212	259.7666	.1970779	.1416526
#2	1.608884	.0097616	.0118603	259.8662	.1985171	.1412753
#3	1.614188	.0096717	.0123033	260.7204	.1947531	.1395812

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4356281	191.5743	10.19608	112.9226	.2564421	.0094826
Stddev	.0053246	.3153	.03338	.2004	.0011727	.0004391
%RSD	1.222279	.1645613	.3273639	.1774997	.4572879	4.630344
#1	.4294818	191.2646	10.16886	112.7250	.2563338	.0090163
#2	.4388367	191.5635	10.18607	112.9170	.2553273	.0095432
#3	.4385657	191.8948	10.23332	113.1257	.2576652	.0098882

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.657239	.2205793	2.076922	8.264755	F 11.67206	.0196428
Stddev	.107071	.0056956	.024770	.037741	.02943	.0028584
%RSD	6.460813	2.582109	1.192636	.4566508	.2521620	14.55190
#1	1.721582	.2270962	2.061561	8.225351	11.64629	.0168372
#2	1.716497	.2165546	2.105497	8.268338	11.66575	.0225512
#3	1.533639	.2180871	2.063707	8.300577	11.70413	.0195399

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-03 Acquired: 12/18/2024 22:52:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL72 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0074111	4.532171	8.269281	.1135873	.8150462	.2238722
Stddev	.0003626	.009216	.036018	.0016345	.0026831	.0010923
%RSD	4.892336	.2033426	.4355687	1.438980	.3291996	.4879147
#1	.0070142	4.524736	8.309675	.1144999	.8173044	.2236656
#2	.0077250	4.529296	8.240507	.1145617	.8120801	.2228979
#3	.0074942	4.542482	8.257661	.1117003	.8157541	.2250530

Elem	Li6707
Units	ppm
Avg	.1427393
Stddev	.0021335
%RSD	1.494661
#1	.1451218
#2	.1420907
#3	.1410054

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2921.103	36550.14	2772.943	2536.624	2035.349
Stddev	4.881	179.93	4.750	21.232	2.292
%RSD	.1670971	.4922698	.1712955	.8370226	.1125874
#1	2918.899	36665.82	2774.574	2558.609	2037.780
#2	2917.712	36342.84	2776.662	2516.235	2033.229
#3	2926.697	36641.75	2767.592	2535.028	2035.037

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-04 Acquired: 12/18/2024 22:55:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL73 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1775110	-.048703	25.51664	.0768698	.0247153	74.94955
Stddev	.0073945	.001274	.03258	.0007691	.0033475	1.54143
%RSD	4.165628	2.615379	.1276776	1.000517	13.54411	2.056620
#1	.1856032	-.049287	25.47908	.0770929	.0211625	73.17037
#2	.1758239	-.049580	25.53373	.0775026	.0251731	75.88269
#3	.1711059	-.047242	25.53713	.0760138	.0278103	75.79559

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.690648	.0091727	.0109214	263.9935	.3788797	.1407493
Stddev	.036429	.0001032	.0000973	5.6673	.0029547	.0009515
%RSD	2.154743	1.125020	.8907014	2.146753	.7798639	.6760216
#1	1.648588	.0090774	.0110335	257.4556	.3766992	.1404293
#2	1.712234	.0091584	.0108704	267.0162	.3776974	.1399991
#3	1.711121	.0092823	.0108601	267.5085	.3822425	.1418196

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4753456	180.4844	10.41250	46.83818	.2919882	.0113734
Stddev	.0115085	3.8093	.22296	1.06931	.0013391	.0011583
%RSD	2.421091	2.110616	2.141270	2.282995	.4586220	10.18439
#1	.4645443	176.0888	10.15530	45.60373	.2914899	.0113793
#2	.4874504	182.5390	10.53129	47.47817	.2935050	.0102122
#3	.4740420	182.8252	10.55091	47.43266	.2909696	.0125288

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.968426	.2164584	1.765769	7.025453	F 10.86314	.0140788
Stddev	.699089	.0066278	.011601	.315060	.00613	.0027742
%RSD	35.51515	3.061917	.6570002	4.484558	.0564430	19.70443
#1	1.296393	.2099407	1.753599	6.728481	10.85637	.0140666
#2	1.917138	.2162433	1.767004	7.355925	10.86832	.0113108
#3	2.691747	.2231910	1.776703	6.991953	10.86472	.0168591

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-04 Acquired: 12/18/2024 22:55:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL73 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0084151	3.565558	7.982481	.7139594	.5718561	.3563298
Stddev	.0005543	.024997	.131232	.0021157	.0102058	.0082765
%RSD	6.586692	.7010741	1.644004	.2963290	1.784672	2.322705
#1	.0084518	3.552277	7.847695	.7160569	.5602934	.3468359
#2	.0078434	3.594392	8.109844	.7139953	.5796086	.3620251
#3	.0089502	3.550005	7.989904	.7118260	.5756662	.3601284

Elem	Li6707
Units	ppm
Avg	.1271984
Stddev	.0032604
%RSD	2.563235
#1	.1238636
#2	.1303789
#3	.1273529

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2944.481	36602.12	2798.364	2541.174	2078.481
Stddev	17.267	343.03	42.844	17.310	9.800
%RSD	.5864090	.9371948	1.531050	.6811841	.4714984
#1	2962.947	36761.82	2847.800	2543.724	2089.666
#2	2928.738	36836.19	2772.001	2557.068	2071.400
#3	2941.757	36208.35	2775.292	2522.731	2074.376

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-05 Acquired: 12/18/2024 22:59:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL74 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1536833	-.042488	1.919132	.0703495	.0251539	77.00409
Stddev	.0020594	.002970	.003495	.0036339	.0010968	1.01409
%RSD	1.340006	6.991170	.1821307	5.165567	4.360271	1.316931
#1	.1536308	-.043296	1.917815	.0713921	.0264141	78.17220
#2	.1516507	-.039197	1.916487	.0663082	.0246331	76.34922
#3	.1557684	-.044971	1.923095	.0733482	.0244146	76.49085

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.690648	.0085731	.0074288	294.2066	.1752365	.1420427
Stddev	.025205	.0001168	.0001432	3.8875	.0003444	.0004276
%RSD	1.490872	1.363036	1.927088	1.321354	.1965235	.3010116
#1	1.719653	.0086562	.0072710	298.6954	.1748721	.1420436
#2	1.674063	.0086237	.0074650	291.9388	.1755566	.1416146
#3	1.678227	.0084395	.0075504	291.9856	.1752809	.1424698

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3745679	173.9879	11.15190	46.51629	.1916752	.0103131
Stddev	.0092520	2.7271	.16957	.68354	.0002079	.0009749
%RSD	2.470041	1.567430	1.520526	1.469465	.1084464	9.453168
#1	.3844511	177.1130	11.34451	47.29596	.1915023	.0096216
#2	.3731394	172.0898	11.02512	46.02013	.1916175	.0114281
#3	.3661133	172.7609	11.08606	46.23276	.1919058	.0098895

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.926982	.2061074	1.160374	7.399471	F 10.38636	.0289095
Stddev	.391821	.0060567	.010906	.105941	.01469	.0026025
%RSD	20.33338	2.938628	.9398970	1.431731	.1414407	9.002057
#1	2.231908	.2092237	1.156316	7.506664	10.39655	.0319120
#2	1.485056	.1991270	1.152079	7.396921	10.36952	.0275173
#3	2.063981	.2099714	1.172728	7.294829	10.39300	.0272994

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-05 Acquired: 12/18/2024 22:59:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL74 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0078146	2.958248	8.088945	.1463920	.5858199	.4687261
Stddev	.0006163	.008335	.105108	.0013028	.0110065	.0067045
%RSD	7.886703	.2817461	1.299403	.8899274	1.878824	1.430357
#1	.0080393	2.961139	8.197800	.1464869	.5984091	.4762612
#2	.0082871	2.948853	8.081000	.1476448	.5780160	.4634203
#3	.0071175	2.964753	7.988036	.1450444	.5810345	.4664967

Elem	Li6707
Units	ppm
Avg	.1344278
Stddev	.0027639
%RSD	2.056028
#1	.1370386
#2	.1347120
#3	.1315328

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2952.387	37139.22	2785.135	2564.969	2033.488
Stddev	3.610	52.28	30.634	12.827	.904
%RSD	.1222870	.1407677	1.099919	.5000648	.0444705
#1	2949.632	37174.68	2750.818	2578.556	2032.615
#2	2951.055	37163.81	2794.862	2553.071	2033.427
#3	2956.474	37079.18	2809.724	2563.280	2034.421

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-06 Acquired: 12/18/2024 23:03:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL75 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1322414	-.046285	.7047001	.0837044	.0309025	82.38438	1.635913
Stddev	.0049981	.003004	.0034479	.0017223	.0021615	.21424	.004580
%RSD	3.779520	6.490573	.4892701	2.057579	6.994438	.2600519	.2799678
#1	.1358051	-.048413	.7030540	.0844605	.0328801	82.42715	1.637826
#2	.1265281	-.047593	.7086626	.0849193	.0285951	82.57401	1.639227
#3	.1343909	-.042848	.7023839	.0817334	.0312323	82.15198	1.630687

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0089454	.0078861	126.2146	.1202407	.1356426	.2193893	187.4834
Stddev	.0001914	.0000893	.1628	.0041052	.0003605	.0026314	.7713
%RSD	2.139510	1.132884	.1289941	3.414176	.2657357	1.199417	.4113938
#1	.0087958	.0079863	126.4007	.1172089	.1357720	.2208490	188.1857
#2	.0091611	.0078571	126.0981	.1186009	.1359204	.2163516	187.6066
#3	.0088793	.0078148	126.1452	.1249124	.1352353	.2209672	186.6580

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	14.67947	27.84330	.1616932	.0082443	2.446996	.1866732	.7764831
Stddev	.05096	.11110	.0001266	.0006006	.286247	.0010686	.0254046
%RSD	.3471763	.3990071	.0782884	7.285085	11.69790	.5724376	3.271750
#1	14.69401	27.97049	.1618329	.0085843	2.136047	.1866762	.7668013
#2	14.72159	27.79419	.1616603	.0085978	2.505412	.1856032	.7573429
#3	14.62282	27.76522	.1615862	.0075508	2.699529	.1877404	.8053050

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.778632	7.561203	.0180628	.0099843	2.289458	8.291859	.0656696
Stddev	.095834	.014475	.0006839	.0009230	.011460	.006729	.0015005
%RSD	1.413769	.1914432	3.786453	9.244333	.5005480	.0811461	2.284920
#1	6.681594	7.552182	.0188038	.0109770	2.289668	8.284388	.0639380
#2	6.781086	7.553526	.0179288	.0091521	2.277894	8.293748	.0664828
#3	6.873215	7.577899	.0174558	.0098236	2.300811	8.297441	.0665878

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-06 Acquired: 12/18/2024 23:03:34 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL75 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4943650	.1050040	.1271490
Stddev	.0002962	.0012288	.0010987
%RSD	.0599045	1.170207	.8641247
#1	.4942555	.1042688	.1267369
#2	.4947004	.1064225	.1283942
#3	.4941393	.1043206	.1263159

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3207.891	39676.96	3000.702	2741.976	2120.796
Stddev	7.930	1105.56	11.500	87.204	4.738
%RSD	.2472024	2.786397	.3832459	3.180316	.2234214
#1	3213.320	40417.13	3009.267	2808.837	2125.982
#2	3211.563	40207.65	2987.631	2773.750	2119.715
#3	3198.791	38406.12	3005.208	2643.341	2116.692

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-07 Acquired: 12/18/2024 23:07:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL76 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1121396	-.037801	.7141228	.0581248	.0189351	69.29553	1.103781
Stddev	.0043004	.004433	.0058535	.0040910	.0000752	.20814	.003239
%RSD	3.834827	11.72677	.8196713	7.038298	.3973328	.3003725	.2934492
#1	.1158697	-.041576	.7201957	.0568428	.0188514	69.16699	1.101234
#2	.1074359	-.032920	.7136558	.0627032	.0189566	69.18393	1.102684
#3	.1131132	-.038906	.7085168	.0548283	.0189972	69.53568	1.107426

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077145	.0055716	651.0333	.1105579	.1343782	.2000946	169.0952
Stddev	.0000937	.0001047	1.3752	.0006513	.0008990	.0017023	.1900
%RSD	1.214026	1.879079	.2112294	.5891377	.6690285	.8507561	.1123467
#1	.0078099	.0054671	650.4219	.1109014	.1353872	.2018821	168.8943
#2	.0076227	.0056765	650.0699	.1109655	.1340849	.1999089	169.1196
#3	.0077110	.0055713	652.6082	.1098067	.1336624	.1984927	169.2719

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	9.426712	85.67720	.1643736	.0060701	1.173094	.1645521	.6767545
Stddev	.030972	.39150	.0009575	.0006352	.355505	.0079960	.0113610
%RSD	.3285513	.4569472	.5825358	10.46473	30.30488	4.859242	1.678742
#1	9.405164	85.26276	.1643227	.0060257	1.522088	.1613618	.6888824
#2	9.412768	85.72806	.1634425	.0054582	.811418	.1586437	.6750215
#3	9.462205	86.04079	.1653556	.0067263	1.185778	.1736507	.6663596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.763872	8.053885	.0217530	.0039030	2.511518	6.655250	.0745463
Stddev	.062936	.017924	.0031484	.0002189	.007569	.018720	.0026063
%RSD	.9304689	.2225527	14.47350	5.608636	.3013544	.2812857	3.496219
#1	6.832866	8.074058	.0246427	.0039508	2.519223	6.648938	.0731748
#2	6.709607	8.047807	.0222187	.0036641	2.511237	6.640502	.0775520
#3	6.749142	8.039791	.0183977	.0040939	2.504094	6.676311	.0729122

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-07 Acquired: 12/18/2024 23:07:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL76 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6686671	.4869485	.1238853
Stddev	.0025073	.0011534	.0053291
%RSD	.3749656	.2368621	4.301624
#1	.6658774	.4857152	.1251341
#2	.6707325	.4871296	.1180427
#3	.6693914	.4880006	.1284791

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2923.279	36733.34	2782.784	2532.731	1967.796
Stddev	7.111	161.37	11.712	14.157	4.863
%RSD	.2432605	.4393063	.4208679	.5589539	.2471251
#1	2921.942	36549.54	2793.411	2516.485	1964.016
#2	2916.931	36851.80	2784.713	2542.426	1966.089
#3	2930.963	36798.67	2770.227	2539.283	1973.282

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-08 Acquired: 12/18/2024 23:11:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL91 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0981626	-.051218	2.298618	.0719289	.0287055	62.57218
Stddev	.0057589	.002016	.017148	.0031640	.0013298	.18836
%RSD	5.866647	3.935947	.7459948	4.398813	4.632414	.3010318
#1	.0915444	-.050670	2.318076	.0722497	.0293433	62.63991
#2	.1020326	-.053451	2.285715	.0686168	.0271770	62.35932
#3	.1009107	-.049532	2.292063	.0749204	.0295963	62.71732

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.546933	.0073120	.0075993	58.94520	.2614510	.0953412
Stddev	.006080	.0001924	.0000522	.22012	.0006235	.0013237
%RSD	.3930602	2.630766	.6868185	.3734331	.2384583	1.388414
#1	1.545894	.0070920	.0075434	58.96867	.2613308	.0965847
#2	1.541439	.0073959	.0076467	58.71428	.2621258	.0954892
#3	1.553466	.0074483	.0076078	59.15265	.2608964	.0939497

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2889478	153.0746	6.870566	24.24572	.1679910	.0074477
Stddev	.0091466	1.0971	.020769	.09446	.0013564	.0003966
%RSD	3.165479	.7166936	.3022941	.3896047	.8074151	5.324743
#1	.2950794	153.1787	6.874486	24.24259	.1688261	.0077365
#2	.2784347	151.9291	6.848116	24.15287	.1664259	.0069955
#3	.2933293	154.1159	6.889097	24.34171	.1687209	.0076109

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.828751	.1671313	1.204683	10.64284	F 13.34386	.0379012
Stddev	.419976	.0039680	.012331	.14697	.09036	.0072750
%RSD	22.96520	2.374199	1.023558	1.380940	.6771998	19.19470
#1	1.427757	.1648508	1.191223	10.70487	13.44689	.0412405
#2	1.793064	.1717132	1.207394	10.47503	13.27807	.0295560
#3	2.265432	.1648299	1.215434	10.74863	13.30662	.0429070

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-08 Acquired: 12/18/2024 23:11:14 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL91 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0065950	4.279724	6.677212	.0773189	.7851865	-.003002
Stddev	.0004384	.010908	.022229	.0017886	.0032589	.000595
%RSD	6.647606	.2548822	.3329127	2.313302	.4150459	19.80996
#1	.0062711	4.287116	6.700378	.0793321	.7870878	-.002624
#2	.0070939	4.267195	6.675203	.0767117	.7814235	-.002696
#3	.0064200	4.284860	6.656056	.0759129	.7870481	-.003688

Elem	Li6707
Units	ppm
Avg	.1127657
Stddev	.0024915
%RSD	2.209472
#1	.1148339
#2	.1099996
#3	.1134635

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2914.022	36492.57	2703.709	2514.368	2140.994
Stddev	17.702	65.18	6.130	8.761	15.293
%RSD	.6074711	.1786115	.2267169	.3484371	.7143178
#1	2894.841	36437.61	2696.887	2511.129	2126.077
#2	2929.730	36475.53	2708.753	2507.688	2156.638
#3	2917.495	36564.58	2705.488	2524.287	2140.265

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV063 Acquired: 12/18/2024 23:15:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.861266	4.805962	24.96626	5.290075	5.370784	400.9237	10.20198
Stddev	.011596	.083908	.48202	.111668	.116918	5.4509	.13584
%RSD	.2385445	1.745924	1.930699	2.110902	2.176930	1.359594	1.331491
#1	4.868207	4.765799	24.74883	5.223738	5.305024	394.9390	10.05295
#2	4.847879	4.749684	24.63125	5.227486	5.301554	402.2277	10.23412
#3	4.867713	4.902404	25.51870	5.419000	5.505775	405.6043	10.31886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5148148	2.500661	405.7919	15.38562	2.502053	15.02539	409.6718
Stddev	.0078397	.048139	5.3653	.04139	.050295	.18799	5.0087
%RSD	1.522814	1.925050	1.322179	.2690202	2.010136	1.251137	1.222610
#1	.5063467	2.478617	399.8503	15.33816	2.480050	14.82382	404.4572
#2	.5162777	2.467491	407.2429	15.40449	2.466511	15.05642	410.1130
#3	.5218200	2.555875	410.2825	15.41421	2.559600	15.19593	414.4453

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.41016	403.7834	2.496437	1.284858	404.3332	2.518527	14.31402
Stddev	.19306	4.8755	.049749	.004981	6.0932	.051672	.00805
%RSD	1.252818	1.207449	1.992818	.3876565	1.506964	2.051682	.0562099
#1	15.20476	398.2505	2.475242	1.279164	398.4333	2.460447	14.32306
#2	15.43781	405.6495	2.460796	1.286997	403.9636	2.535730	14.30765
#3	15.58790	407.4501	2.553274	1.288411	410.6028	2.559403	14.31135

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	150.3431	5.023566	4.880526	4.856204	5.129233	4.773163	5.048645
Stddev	1.9509	.088740	.080401	.108964	.117993	.080445	.104027
%RSD	1.297662	1.766482	1.647391	2.243806	2.300405	1.685357	2.060498
#1	148.1418	4.987626	4.793516	4.801961	5.091309	4.689053	5.003164
#2	151.0287	4.958434	4.895989	4.785008	5.034865	4.781081	4.975104
#3	151.8586	5.124640	4.952072	4.981643	5.261525	4.849357	5.167668

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV063 Acquired: 12/18/2024 23:15:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV063 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.086271	4.855217	5.089681
Stddev	.067098	.062039	.066575
%RSD	1.319195	1.277781	1.308047
#1	5.018320	4.787375	5.016863
#2	5.088010	4.869216	5.104750
#3	5.152482	4.909060	5.147431

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2096.077	27238.24	2183.554	1782.160	1782.426
Stddev	39.173	97.36	21.611	7.055	29.634
%RSD	1.868861	.3574423	.9897264	.3958680	1.662575
#1	2120.429	27137.14	2207.228	1778.476	1798.265
#2	2116.913	27246.22	2178.551	1777.710	1800.774
#3	2050.890	27331.37	2164.883	1790.295	1748.238

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB063 Acquired: 12/18/2024 23:18:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002955	.0008751	.0038864	.0028933	-.003111	-.003255
Stddev	.004231	.0027936	.0041394	.0018047	.001188	.010653
%RSD	143.2152	319.2484	106.5108	62.37229	38.17525	327.2740
#1	.001895	.0027544	.0041694	.0035085	-.003812	-.009107
#2	-.004862	-.002335	.0078771	.0043100	-.003782	-.009700
#3	-.005897	.002206	-.000387	.0008615	-.001740	.009042

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016244	-.000193	-.000075	.0268744	.0003848	-.000323
Stddev	.0011166	.000026	.000062	.0361412	.0005914	.000209
%RSD	68.73755	13.30765	83.10896	134.4819	153.6774	64.82050
#1	.0028168	-.000210	-.000070	-.009492	.0006188	-.000560
#2	.0006036	-.000205	-.000139	.027330	-.000288	-.000242
#3	.0014527	-.000163	-.000015	.062786	.000823	-.000166

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006357	.0149701	.0042410	-.014833	.0003013	.0004674
Stddev	.0066442	.0078523	.0016305	.030782	.0002135	.0005670
%RSD	1045.209	52.45310	38.44679	207.5194	70.86161	121.3024
#1	.0032952	.0083018	.0058868	.001599	.0001460	.0005804
#2	.0055382	.0236249	.0042102	.004245	.0005448	.0009693
#3	-.006926	.0129836	.0026261	-.050344	.0002131	-.000148

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.825003	.0037108	.0141258	.2711620	-.000160	.0086906
Stddev	.423424	.0124541	.0057453	.0676091	.001150	.0031872
%RSD	23.20126	335.6198	40.67241	24.93309	717.1868	36.67365
#1	1.668872	.0163484	.0207304	.2469488	-.001033	.0072143
#2	1.501814	.0033353	.0102816	.2189936	.001142	.0065093
#3	2.304323	-.008551	.0113655	.3475436	-.000590	.0123482

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB063 Acquired: 12/18/2024 23:18:38 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB063 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002623	.0025342	-.001597	.0014075	-.001610	.0003218
Stddev	.0002318	.0057062	.000342	.0007230	.004360	.0003049
%RSD	88.36815	225.1685	21.42752	51.36911	270.7765	94.76821
#1	.0004898	.0086941	-.001719	.0018226	-.005341	.0000001
#2	.0002709	.0014798	-.001861	.0005726	-.002673	.0003585
#3	.0000264	-.002571	-.001210	.0018271	.003183	.0006067

Elem	Li6707
Units	ppm
Avg	F .0213640
Stddev	.0040553
%RSD	18.98209
#1	.0236346
#2	.0166820
#3	.0237753

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2417.538	30204.45	2267.809	2088.490	2173.449
Stddev	5.874	56.00	68.464	.742	3.089
%RSD	.2429666	.1854040	3.018956	.0355308	.1421104
#1	2416.942	30172.57	2239.450	2088.854	2171.849
#2	2423.688	30171.67	2345.896	2088.979	2177.009
#3	2411.986	30269.11	2218.081	2087.636	2171.488

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-09 Acquired: 12/18/2024 23:22:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL92 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1010056	-.055177	2.465095	.0745011	.0272914	60.29980
Stddev	.0092610	.003984	.009622	.0023633	.0015489	.27838
%RSD	9.168823	7.220919	.3903324	3.172165	5.675249	.4616675
#1	.0915262	-.053254	2.456692	.0756353	.0281954	60.30384
#2	.1014589	-.059758	2.475591	.0760835	.0255030	60.01942
#3	.1100316	-.052519	2.463001	.0717845	.0281759	60.57615

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.667191	.0070559	.0071357	46.51580	.2275796	.0877214
Stddev	.006683	.0000684	.0001204	.17054	.0023367	.0003885
%RSD	.4008793	.9694076	1.686975	.3666287	1.026771	.4428294
#1	1.664695	.0070802	.0071171	46.38212	.2294538	.0872857
#2	1.662114	.0069786	.0072642	46.45742	.2283237	.0878469
#3	1.674763	.0071088	.0070256	46.70786	.2249615	.0880316

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2620856	149.0001	6.391734	20.82556	.1539175	.0072952
Stddev	.0082784	.5518	.035098	.05646	.0014805	.0002765
%RSD	3.158659	.3703088	.5491124	.2710976	.9619082	3.789542
#1	.2705960	148.6687	6.368174	20.77348	.1529110	.0076130
#2	.2540606	148.6946	6.374956	20.81765	.1556175	.0071101
#3	.2616001	149.6371	6.432071	20.88556	.1532239	.0071624

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.843508	.1567913	1.129642	7.939350	F 11.57104	.0274239
Stddev	.455853	.0065099	.011549	.090199	.04499	.0017096
%RSD	24.72749	4.151949	1.022325	1.136096	.3888555	6.234080
#1	1.359994	.1509885	1.134607	8.032292	11.54134	.0255431
#2	1.905090	.1555545	1.137877	7.852172	11.62281	.0288836
#3	2.265440	.1638309	1.116441	7.933586	11.54897	.0278449

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-09 Acquired: 12/18/2024 23:22:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL92 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0049490	3.528133	6.630739	.0569973	.6576623	-.012319
Stddev	.0001921	.013548	.041191	.0027145	.0031196	.000229
%RSD	3.880521	.3839912	.6212074	4.762563	.4743531	1.855045
#1	.0051425	3.530291	6.604643	.0543336	.6570696	-.012458
#2	.0047584	3.540472	6.609350	.0597600	.6548815	-.012443
#3	.0049460	3.513636	6.678224	.0568984	.6610358	-.012055

Elem	Li6707
Units	ppm
Avg	.1073778
Stddev	.0013164
%RSD	1.225931
#1	.1065340
#2	.1088946
#3	.1067049

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2935.865	36862.90	2707.394	2554.904	2179.418
Stddev	9.757	212.15	23.356	12.630	8.954
%RSD	.3323368	.5755060	.8626752	.4943326	.4108438
#1	2945.749	36670.11	2715.919	2541.096	2189.015
#2	2926.240	36828.42	2725.289	2557.746	2171.288
#3	2935.606	37090.18	2680.973	2565.871	2177.950

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-10 Acquired: 12/18/2024 23:26:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL93 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1239810	-.066292	2.697964	.0834751	.0325664	70.77406
Stddev	.0043153	.001417	.003049	.0049581	.0007008	.28557
%RSD	3.480629	2.138106	.1130243	5.939664	2.151882	.4034947
#1	.1256166	-.064734	2.695754	.0890758	.0325630	70.96342
#2	.1272395	-.066638	2.696696	.0817035	.0332689	70.91316
#3	.1190870	-.067505	2.701443	.0796462	.0318673	70.44559

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.890537	.0083256	.0064471	36.36133	.1969100	.0965152
Stddev	.009620	.0001203	.0002047	.26828	.0014115	.0003361
%RSD	.5088635	1.444325	3.174837	.7378122	.7168459	.3482603
#1	1.900037	.0081935	.0065338	36.65375	.1963574	.0967342
#2	1.890773	.0083545	.0062134	36.30367	.1958583	.0961282
#3	1.880801	.0084287	.0065942	36.12657	.1985142	.0966831

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2470223	167.8852	6.222232	20.58951	.1595914	.0075831
Stddev	.0016273	.8563	.029164	.15465	.0002490	.0002621
%RSD	.6587747	.5100526	.4687145	.7510955	.1560376	3.456858
#1	.2467647	168.5321	6.241611	20.65022	.1598777	.0073271
#2	.2487630	168.2093	6.236395	20.70460	.1594721	.0078510
#3	.2455391	166.9141	6.188691	20.41372	.1594246	.0075712

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.055683	.1783132	1.006406	8.392627	F 10.85426	.0083666
Stddev	.533534	.0025288	.006360	.064361	.01814	.0017578
%RSD	25.95412	1.418203	.6319728	.7668762	.1671161	21.00961
#1	1.449806	.1755763	1.013095	8.457497	10.83346	.0089411
#2	2.455285	.1805632	1.005690	8.391595	10.86679	.0063934
#3	2.261958	.1788000	1.000435	8.328788	10.86254	.0097652

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-10 Acquired: 12/18/2024 23:26:27 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHL93 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0044662	2.762591	6.562729	.0524509	.6389225	-.038624
Stddev	.0002927	.005166	.043058	.0004015	.0063178	.000232
%RSD	6.553476	.1869836	.6560918	.7655262	.9888233	.6014978
#1	.0041285	2.759072	6.554857	.0528800	.6435917	-.038750
#2	.0046451	2.760180	6.609180	.0520843	.6317337	-.038767
#3	.0046252	2.768521	6.524151	.0523884	.6414422	-.038356

Elem	Li6707
Units	ppm
Avg	.1221812
Stddev	.0011927
%RSD	.9762056
#1	.1216411
#2	.1213541
#3	.1235485

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3021.528	37937.18	2809.942	2616.879	2188.573
Stddev	3.567	271.53	5.319	15.744	2.817
%RSD	.1180534	.7157444	.1892824	.6016352	.1287116
#1	3024.254	38025.60	2808.597	2618.859	2190.632
#2	3022.840	38153.49	2805.425	2631.539	2189.724
#3	3017.491	37632.46	2815.804	2600.238	2185.362

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-11 Acquired: 12/18/2024 23:30:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC1 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1161243	-.047374	1.803381	.0630505	.0223360	63.95102
Stddev	.0008609	.003183	.005867	.0032988	.0039920	1.53454
%RSD	.7413634	6.719017	.3253506	5.231960	17.87235	2.399547
#1	.1155608	-.048325	1.796999	.0592909	.0178460	62.22483
#2	.1156969	-.049974	1.804602	.0644002	.0236777	65.16051
#3	.1171153	-.043824	1.808542	.0654604	.0254843	64.46773

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9703346	.0072118	.0057123	152.1262	.1404078	.1085064
Stddev	.0235127	.0000661	.0001609	3.4780	.0015437	.0005101
%RSD	2.423152	.9172002	2.816458	2.286261	1.099452	.4701244
#1	.9432838	.0071400	.0058976	148.1664	.1421785	.1090579
#2	.9858692	.0072251	.0056083	154.6862	.1397005	.1080515
#3	.9818509	.0072703	.0056310	153.5261	.1393446	.1084098

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2243009	161.2453	6.479821	36.66827	.1494203	.0057643
Stddev	.0050936	4.0633	.156317	.96207	.0001360	.0007204
%RSD	2.270869	2.519964	2.412360	2.623706	.0909874	12.49860
#1	.2188639	156.6185	6.302227	35.61416	.1495001	.0053246
#2	.2250770	164.2334	6.596549	37.49898	.1494974	.0065957
#3	.2289620	162.8840	6.540687	36.89168	.1492633	.0053725

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.173242	.1685633	.9366077	2.732432	F 14.25350	.0099120
Stddev	.280102	.0048699	.0087652	.188736	.02511	.0020155
%RSD	12.88867	2.889059	.9358467	6.907251	.1761366	20.33382
#1	1.855037	.1638746	.9345912	2.531236	14.22595	.0081934
#2	2.382507	.1735962	.9290264	2.760496	14.27509	.0121304
#3	2.282182	.1682190	.9462054	2.905565	14.25946	.0094123

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-11 Acquired: 12/18/2024 23:30:18 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC1 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0046544	1.916292	5.830330	.0722819	.6495710	.0553104
Stddev	.0006015	.011519	.103966	.0025275	.0159489	.0009231
%RSD	12.92355	.6010942	1.783192	3.496728	2.455297	1.668931
#1	.0053450	1.903743	5.710509	.0694690	.6311549	.0542614
#2	.0043733	1.918749	5.896643	.0730144	.6588325	.0556712
#3	.0042449	1.926384	5.883840	.0743622	.6587256	.0559985

Elem	Li6707
Units	ppm
Avg	.1274869
Stddev	.0059520
%RSD	4.668732
#1	.1207021
#2	.1318289
#3	.1299296

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3093.542	38750.61	2912.011	2660.397	2110.018
Stddev	7.418	78.21	55.742	12.817	6.169
%RSD	.2398034	.2018266	1.914211	.4817543	.2923530
#1	3101.572	38678.51	2974.738	2645.732	2116.291
#2	3092.112	38739.57	2868.152	2669.451	2109.804
#3	3086.943	38833.76	2893.142	2666.009	2103.959

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-12 Acquired: 12/18/2024 23:34:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC2 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678183	-.078738	.1735262	.0828589	.0336321	75.97263	.8125852
Stddev	.0035176	.001152	.0022831	.0014748	.0021135	.17371	.0020607
%RSD	5.186764	1.463577	1.315735	1.779928	6.284203	.2286521	.2536025
#1	.0650059	-.079918	.1732603	.0811562	.0330642	76.05966	.8145109
#2	.0666866	-.077615	.1713877	.0837378	.0359715	75.77260	.8104118
#3	.0717624	-.078682	.1759307	.0836828	.0318605	76.08561	.8128328

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073076	.0020156	21.67667	.0917340	.0773451	.0688338	170.1739
Stddev	.0000816	.0000972	.06257	.0001959	.0006587	.0037842	.1248
%RSD	1.116825	4.820390	.2886472	.2135594	.8516714	5.497634	.0733298
#1	.0072732	.0020958	21.67722	.0917523	.0777290	.0722914	170.1901
#2	.0072487	.0019075	21.61382	.0919201	.0765845	.0647911	170.0418
#3	.0074007	.0020434	21.73895	.0915296	.0777218	.0694190	170.2898

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.277015	16.89246	.0937893	.0041249	1.382397	.2024301	.3245504
Stddev	.003722	.00840	.0015913	.0010848	.139738	.0101962	.0049629
%RSD	.1135856	.0497493	1.696696	26.29826	10.10839	5.036899	1.529177
#1	3.279086	16.90211	.0956262	.0033287	1.224578	.2134305	.3275112
#2	3.272718	16.88675	.0928312	.0036856	1.432205	.2005641	.3273193
#3	3.279241	16.88851	.0929105	.0053605	1.490406	.1932958	.3188207

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.201487	2.510927	-.015930	.0049251	.5452818	6.892049	.0238738
Stddev	.097609	.007521	.004115	.0004267	.0050965	.064625	.0005087
%RSD	48.44422	.2995463	25.83066	8.664064	.9346504	.9376764	2.130699
#1	-.254215	2.513732	-.011728	.0046642	.5394821	6.936202	.0232956
#2	-.088854	2.502407	-.016109	.0046936	.5490458	6.817873	.0240737
#3	-.261391	2.516643	-.019952	.0054175	.5473175	6.922071	.0242522

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-12 Acquired: 12/18/2024 23:34:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC2 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6665434	-.108911	.1090667
Stddev	.0009854	.000131	.0015800
%RSD	.1478440	.1207132	1.448669
#1	.6666151	-.108767	.1075992
#2	.6674910	-.108940	.1107392
#3	.6655240	-.109025	.1088616

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2770.136	34696.36	2546.777	2401.162	2211.588
Stddev	5.691	180.86	13.101	10.657	4.643
%RSD	.2054329	.5212576	.5144213	.4438464	.2099183
#1	2763.800	34818.54	2544.992	2406.869	2206.796
#2	2774.812	34488.60	2560.679	2388.866	2216.065
#3	2771.796	34781.94	2534.659	2407.750	2211.903

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-13 Acquired: 12/18/2024 23:38:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC3 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0524571	-.073022	.1282934	.0782007	.0328971	77.16145	.7701941
Stddev	.0040271	.002353	.0011387	.0020240	.0018785	.07206	.0006802
%RSD	7.676887	3.222921	.8875655	2.588213	5.710154	.0933916	.0883203
#1	.0563038	-.075573	.1291541	.0770449	.0337549	77.11851	.7699587
#2	.0482711	-.072559	.1287238	.0770195	.0307429	77.12120	.7696628
#3	.0527963	-.070935	.1270023	.0805378	.0341936	77.24465	.7709607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070974	.0016900	18.14064	.0882707	.0658289	.0498145	154.7031
Stddev	.0000531	.0000311	.02784	.0015308	.0006465	.0022188	.2603
%RSD	.7481697	1.839359	.1534465	1.734228	.9820449	4.454187	.1682770
#1	.0071583	.0017033	18.12532	.0893955	.0651208	.0506364	154.4031
#2	.0070607	.0017122	18.17277	.0888892	.0663875	.0515050	154.8701
#3	.0070732	.0016545	18.12383	.0865274	.0659785	.0473020	154.8360

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.292093	16.56139	.0840874	.0040780	1.612009	.1868846	.2984968
Stddev	.003049	.02357	.0005071	.0007640	.679461	.0049467	.0118882
%RSD	.1330062	.1423291	.6030167	18.73505	42.14993	2.646939	3.982683
#1	2.288810	16.53575	.0846173	.0035275	1.379379	.1920306	.3042259
#2	2.292633	16.58211	.0836067	.0037563	2.377230	.1864583	.2848289
#3	2.294835	16.56632	.0840383	.0049503	1.079418	.1821648	.3064356

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.254736	1.724080	-.020978	.0034816	.4955383	7.136389	.0234290
Stddev	.044879	.004126	.000779	.0006534	.0018741	.033705	.0008149
%RSD	17.61785	.2393395	3.713580	18.76764	.3782029	.4722975	3.478328
#1	-.202945	1.725351	-.021703	.0027664	.4933811	7.170601	.0226306
#2	-.279090	1.719468	-.020154	.0036310	.4964674	7.103215	.0242596
#3	-.282174	1.727422	-.021076	.0040473	.4967664	7.135352	.0233967

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-13 Acquired: 12/18/2024 23:38:01 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC3 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8335830	-.099898	.1206175
Stddev	.0045331	.000196	.0039023
%RSD	.5438141	.1965625	3.235273
#1	.8288005	-.099677	.1243692
#2	.8378169	-.100052	.1165802
#3	.8341316	-.099964	.1209031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2753.686	34298.30	2512.267	2367.837	2223.681
Stddev	2.272	65.35	8.181	10.449	3.894
%RSD	.0825219	.1905269	.3256373	.4412762	.1751145
#1	2752.287	34230.76	2509.341	2363.512	2220.630
#2	2756.308	34361.21	2521.509	2379.753	2228.067
#3	2752.463	34302.92	2505.952	2360.245	2222.347

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-14 Acquired: 12/18/2024 23:41:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0599959	-.054391	.1554127	.0658558	.0234419	61.09067	.7459317
Stddev	.0086897	.001286	.0025371	.0030410	.0028611	.06695	.0020898
%RSD	14.48391	2.363815	1.632503	4.617591	12.20487	.1095924	.2801620
#1	.0685657	-.053708	.1537813	.0631653	.0264967	61.08676	.7438636
#2	.0511909	-.055874	.1541211	.0652469	.0230039	61.02576	.7458890
#3	.0602312	-.053590	.1583358	.0691551	.0208251	61.15949	.7480425

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062680	.0027601	67.07384	.0818495	.0968486	.0892100	150.9505
Stddev	.0001196	.0001592	.10025	.0007909	.0003317	.0063925	.0221
%RSD	1.907722	5.767276	.1494676	.9663249	.3424489	7.165698	.0146547
#1	.0061474	.0029415	67.00516	.0809415	.0972215	.0948854	150.9416
#2	.0062700	.0026441	67.02747	.0822185	.0965866	.0904597	150.9757
#3	.0063865	.0026946	67.18888	.0823886	.0967377	.0822850	150.9342

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.158394	29.87424	.1130658	.0047810	1.385898	.1656362	.3276780
Stddev	.001000	.15020	.0007758	.0012517	.449694	.0032836	.0107277
%RSD	.0139631	.5027601	.6861101	26.18003	32.44788	1.982415	3.273841
#1	7.159119	29.97434	.1122188	.0044139	1.758090	.1678178	.3390661
#2	7.158809	29.94683	.1132369	.0037540	1.513377	.1618598	.3262050
#3	7.157254	29.70153	.1137417	.0061752	.886226	.1672309	.3177630

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6644199	3.939258	-.015461	.0035712	.5309796	6.319601	.0259886
Stddev	.1654223	.015245	.002750	.0001139	.0024644	.047518	.0008394
%RSD	24.89725	.3869894	17.78452	3.190368	.4641194	.7519137	3.229728
#1	.4794277	3.950507	-.013610	.0036413	.5281507	6.307691	.0263497
#2	.7981222	3.921907	-.014152	.0034398	.5326605	6.279171	.0265869
#3	.7157096	3.945359	-.018621	.0036327	.5321277	6.371941	.0250291

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-14 Acquired: 12/18/2024 23:41:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6999653	-.047408	.1044524
Stddev	.0029100	.000128	.0033789
%RSD	.4157407	.2701215	3.234862
#1	.7033253	-.047489	.1081919
#2	.6983207	-.047261	.1016188
#3	.6982500	-.047476	.1035466

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2783.464	34646.45	2574.193	2404.137	2158.524
Stddev	4.666	93.01	9.729	6.537	3.503
%RSD	.1676309	.2684663	.3779310	.2718930	.1622781
#1	2786.376	34655.10	2580.808	2400.061	2158.105
#2	2785.934	34549.41	2578.747	2400.673	2162.217
#3	2778.082	34734.83	2563.022	2411.676	2155.249

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-15 Acquired: 12/18/2024 23:45:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538314	-.053523	.1565153	.0658666	.0227266	60.76333	.7431413
Stddev	.0056679	.003664	.0040185	.0023348	.0010095	.16439	.0021765
%RSD	10.52890	6.845118	2.567469	3.544758	4.442097	.2705491	.2928760
#1	.0490168	-.051961	.1607547	.0681978	.0221069	60.60200	.7407870
#2	.0523995	-.057708	.1560293	.0635282	.0238916	60.93062	.7450801
#3	.0600779	-.050898	.1527619	.0658739	.0221814	60.75738	.7435568

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0059751	.0028159	66.87407	.0817987	.0966969	.0855835	149.9697
Stddev	.0000577	.0001011	.07192	.0005691	.0003233	.0071728	.5364
%RSD	.9655029	3.590184	.1075517	.6957301	.3342890	8.381084	.3577030
#1	.0059091	.0027880	66.81409	.0824195	.0965126	.0904035	149.4106
#2	.0060158	.0027317	66.95381	.0816751	.0970701	.0890065	150.4802
#3	.0060005	.0029280	66.85432	.0813016	.0965079	.0773404	150.0184

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.107779	29.65723	.1130752	.0056680	1.957908	.1670743	.3308086
Stddev	.022720	.15545	.0007577	.0011044	.306397	.0034475	.0108282
%RSD	.3196525	.5241599	.6700372	19.48463	15.64922	2.063468	3.273269
#1	7.081549	29.47962	.1122224	.0062494	1.604126	.1643680	.3223530
#2	7.121351	29.76851	.1133326	.0063602	2.137652	.1709558	.3430131
#3	7.120436	29.72357	.1136706	.0043944	2.131945	.1658992	.3270596

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4826811	3.909289	-.011157	.0039921	.5349015	6.348106	.0257567
Stddev	.0588870	.008841	.001204	.0001208	.0008399	.065176	.0015536
%RSD	12.19997	.2261663	10.79069	3.026395	.1570227	1.026702	6.031984
#1	.4703315	3.910067	-.010906	.0038660	.5358437	6.311694	.0262439
#2	.4309482	3.900084	-.010098	.0041068	.5342311	6.309272	.0270083
#3	.5467634	3.917716	-.012466	.0040035	.5346297	6.423352	.0240178

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-15 Acquired: 12/18/2024 23:45:43 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6889552	-.047008	.1032567
Stddev	.0040434	.000408	.0010935
%RSD	.5868808	.8689451	1.059034
#1	.6866510	-.046637	.1019968
#2	.6936239	-.047446	.1039601
#3	.6865907	-.046939	.1038131

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2780.490	34686.43	2584.292	2409.463	2158.830
Stddev	5.947	35.63	19.415	10.473	6.362
%RSD	.2138873	.1027264	.7512745	.4346773	.2947141
#1	2773.646	34709.75	2594.899	2421.495	2151.824
#2	2784.401	34645.42	2596.094	2404.497	2164.247
#3	2783.424	34704.14	2561.884	2402.395	2160.419

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-14LX5 Acquired: 12/18/2024 23:49:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0103354	-.012658	.0322254	.0166017	.0012656	13.51720	.1648456
Stddev	.0003819	.003286	.0020041	.0020935	.0021034	.07534	.0006835
%RSD	3.695441	25.95552	6.218986	12.61005	166.1964	.5573276	.4146293
#1	.0104893	-.013185	.0344392	.0171870	.0031953	13.48560	.1654509
#2	.0099006	-.009141	.0317021	.0142779	-.000977	13.46281	.1641043
#3	.0106164	-.015649	.0305348	.0183402	.001578	13.60319	.1649815

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012398	.0004440	14.69474	.0183576	.0245002	.0219252	33.24424
Stddev	.0000350	.0000427	.08488	.0006882	.0004939	.0042065	.13662
%RSD	2.824071	9.612989	.5776372	3.748892	2.016043	19.18585	.4109620
#1	.0012618	.0004263	14.75248	.0191504	.0239715	.0262880	33.25758
#2	.0011994	.0004130	14.59728	.0180080	.0249498	.0178946	33.10143
#3	.0012581	.0004926	14.73446	.0179144	.0245795	.0215929	33.37369

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.587328	6.590575	.0219166	.0005530	.8542070	.0304225	.0790389
Stddev	.010405	.099048	.0007113	.0005233	.3269729	.0040537	.0105286
%RSD	.6555059	1.502868	3.245482	94.63379	38.27795	13.32464	13.32081
#1	1.592913	6.550754	.0225282	.0000584	1.228291	.0263200	.0668824
#2	1.575323	6.703336	.0211360	.0004997	.622926	.0305219	.0849931
#3	1.593747	6.517636	.0220857	.0011009	.711404	.0344256	.0852413

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1848395	.7668885	-.003933	.0009376	.1101087	1.483085	.0051562
Stddev	.0277882	.0044211	.003198	.0004265	.0056802	.016133	.0004138
%RSD	15.03366	.5765002	81.31275	45.48445	5.158690	1.087806	8.025457
#1	.1572740	.7636859	-.000986	.0006985	.1044374	1.499624	.0049447
#2	.2128451	.7650469	-.007334	.0014300	.1100911	1.467392	.0048909
#3	.1843996	.7719328	-.003479	.0006844	.1157977	1.482239	.0056330

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-14LX5 Acquired: 12/18/2024 23:49:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1537386	-.010218	.0330025
Stddev	.0013152	.000171	.0031803
%RSD	.8555031	1.678111	9.636511
#1	.1525723	-.010415	.0301370
#2	.1534794	-.010106	.0324462
#3	.1551642	-.010132	.0364242

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2486.916	31047.92	2265.617	2129.646	2170.208
Stddev	5.790	58.11	13.801	3.333	4.897
%RSD	.2327992	.1871745	.6091321	.1564931	.2256529
#1	2483.178	31115.02	2253.301	2133.411	2166.348
#2	2493.585	31015.22	2280.533	2127.071	2175.717
#3	2483.986	31013.52	2263.018	2128.458	2168.559

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-16 Acquired: 12/18/2024 23:53:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1378041	.0371593	.1910495	.2306283	.1907895	64.71981	4.516042
Stddev	.0030584	.0023684	.0010170	.0005404	.0020081	1.13420	.086380
%RSD	2.219394	6.373727	.5323442	.2343305	1.052543	1.752483	1.912728
#1	.1388694	.0349534	.1911267	.2302079	.1887881	63.81037	4.442634
#2	.1343555	.0396623	.1899960	.2304390	.1928043	65.99069	4.611225
#3	.1401874	.0368622	.1920257	.2312379	.1907762	64.35838	4.494266

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1001545	.0997495	66.11471	.4502739	1.064144	.5226957	152.1814
Stddev	.0015452	.0005517	1.07502	.0006896	.005500	.0067024	2.8712
%RSD	1.542833	.5530417	1.625999	.1531495	.5168570	1.282273	1.886671
#1	.0987634	.0999359	65.27902	.4498047	1.065188	.5171749	149.6752
#2	.1018177	.1001838	67.32747	.4499513	1.069048	.5301531	155.3141
#3	.0998824	.0991288	65.73763	.4510656	1.058197	.5207590	151.5550

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.086513	29.85332	1.102251	.0715774	2.518715	1.105660	1.080151
Stddev	.158783	.61974	.004952	.0003980	.351073	.026106	.005375
%RSD	1.963559	2.075954	.4492462	.5559818	13.93857	2.361137	.4976558
#1	7.962726	29.50434	1.103443	.0719346	2.196871	1.092368	1.075221
#2	8.265538	30.56886	1.106498	.0711485	2.893096	1.135738	1.085882
#3	8.031276	29.48675	1.096812	.0716491	2.466178	1.088876	1.079351

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6805921	3.804727	-.006531	.0041698	.5218104	6.353479	.0251736
Stddev	.1037906	.017181	.003535	.0001189	.0045600	.099125	.0011511
%RSD	15.25005	.4515588	54.11875	2.852359	.8738723	1.560162	4.572738
#1	.6653251	3.809753	-.010238	.0042344	.5252834	6.270614	.0238470
#2	.7911706	3.818835	-.006157	.0042424	.5166465	6.463290	.0259094
#3	.5852806	3.785594	-.003198	.0040325	.5235013	6.326532	.0257643

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5059-16 Acquired: 12/18/2024 23:53:36 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHLC4S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6966839	-.048604	.1098067
Stddev	.0144093	.000861	.0032652
%RSD	2.068275	1.771926	2.973588
#1	.6815629	-.048016	.1069554
#2	.7102565	-.049593	.1090961
#3	.6982324	-.048205	.1133687

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2764.831	34784.87	2512.708	2391.473	2162.410
Stddev	7.200	226.86	32.033	14.476	6.254
%RSD	.2604236	.6521905	1.274840	.6053055	.2892350
#1	2761.010	34799.24	2546.304	2396.506	2162.302
#2	2760.346	35004.21	2482.508	2402.761	2156.210
#3	2773.136	34551.17	2509.313	2375.153	2168.718

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165531BL Acquired: 12/18/2024 23:57:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS531 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003059	.0009306	-.002442	.0016183	-.000658	.0085211	.0006498
Stddev	.000973	.0030072	.001717	.0039654	.000974	.0028790	.0009322
%RSD	31.82587	323.1371	70.32510	245.0421	148.0227	33.78661	143.4556
#1	-.003297	-.000835	-.003390	.0018147	-.000653	.0115368	.0008095
#2	-.003891	-.000776	-.003476	.0054818	-.001634	.0058018	-.000352
#3	-.001988	.004403	-.000460	-.002442	.000313	.0082246	.001492

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000088	-.000122	.0108539	.0006764	-.000517	-.002744	.0083478
Stddev	.000111	.000134	.0220032	.0008885	.000368	.007576	.0177357
%RSD	125.1164	110.0884	202.7212	131.3640	71.14430	276.1085	212.4599
#1	-.000166	-.000222	-.011333	-.000065	-.000544	-.011479	.0078498
#2	.000038	-.000174	.011225	.001661	-.000136	.001232	-.009134
#3	-.000138	.000030	.032669	.000434	-.000870	.002017	.026327

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0032173	-.045816	.0000804	.0007854	1.134790	.0022285	.0104551
Stddev	.0003701	.050702	.0005708	.0003863	.171357	.0029376	.0092354
%RSD	11.50312	110.6637	710.3501	49.18191	15.10034	131.8206	88.33352
#1	.0034419	-.035512	.0002979	.0003509	1.038711	-.000711	.0054442
#2	.0027902	-.100878	.0005104	.0010898	1.033030	.002231	.0048083
#3	.0034200	-.001058	-.000567	.0009154	1.332629	.005165	.0211129

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1386219	-.000081	-.006507	-.000336	.0010204	-.002006	-.000625
Stddev	.2347771	.001417	.002096	.000339	.0026882	.000064	.000318
%RSD	169.3651	1741.805	32.21370	100.8153	263.4367	3.202561	50.82520
#1	.3089673	-.001715	-.005207	-.000511	.0035662	-.001968	-.000413
#2	.2360885	.000668	-.008925	-.000552	-.001791	-.002080	-.000990
#3	-.129190	.000804	-.005388	.000054	.001286	-.001970	-.000472

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165531BL Acquired: 12/18/2024 23:57:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS531 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0005110	.0001960	.0130280
Stddev	.0015439	.0001389	.0040790
%RSD	302.1212	70.86620	31.30934
#1	.0022841	.0000383	.0149815
#2	-.000214	.0002493	.0157627
#3	-.000537	.0003004	.0083396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2408.994	30273.23	2216.410	2079.215	2172.664
Stddev	2.285	46.71	2.898	2.057	1.814
%RSD	.0948341	.1542867	.1307326	.0989435	.0834806
#1	2410.556	30307.33	2214.491	2080.398	2174.733
#2	2410.053	30292.36	2214.997	2076.840	2171.350
#3	2406.372	30219.99	2219.743	2080.409	2171.908

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165531BS Acquired: 12/19/2024 0:01:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS531 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0180278	.0481625	.0158044	.0627741	.1077127	.3978148
Stddev	.0030843	.0005695	.0033332	.0020879	.0025998	.0248817
%RSD	17.10838	1.182461	21.09025	3.326111	2.413652	6.254594
#1	.0176639	.0482876	.0164097	.0651546	.1106268	.3931917
#2	.0151416	.0486591	.0122101	.0612530	.1056311	.3755689
#3	.0212778	.0475409	.0187935	.0619148	.1068801	.4246838

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4109801	.0103994	.0096047	10.00370	.0207808	.1004529
Stddev	.0015424	.0000582	.0002216	.02619	.0004571	.0006147
%RSD	.3752911	.5596151	2.306854	.2617746	2.199383	.6119369
#1	.4126368	.0104562	.0093491	10.00604	.0202620	.1003422
#2	.4095857	.0104023	.0097237	9.97642	.0209564	.1011154
#3	.4107180	.0103399	.0097414	10.02864	.0211240	.0999011

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0529310	.1963985	.0346613	10.27248	.0767772	.0196290
Stddev	.0086403	.0149594	.0008144	.06525	.0009383	.0013361
%RSD	16.32370	7.616873	2.349562	.6352158	1.222166	6.806511
#1	.0621633	.1793592	.0339164	10.34781	.0759392	.0187416
#2	.0515904	.2073742	.0355308	10.23646	.0777910	.0189799
#3	.0450394	.2024619	.0345366	10.23318	.0766014	.0211656

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.34931	.1008113	.1152389	9.636214	.0166496	F -.004451
Stddev	.45431	.0113748	.0161693	.038273	.0013052	.003952
%RSD	4.002959	11.28330	14.03107	.3971791	7.839054	88.79041
#1	11.51881	.1126204	.0969626	9.660556	.0172723	-.002070
#2	11.69450	.0998862	.1276826	9.592099	.0151497	-.009013
#3	10.83462	.0899273	.1210714	9.655986	.0175268	-.002270

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165531BS Acquired: 12/19/2024 0:01:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS531 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0195728	.1766094	F .4764085	.0141715	.1980655	.2110964
Stddev	.0002030	.0044184	.0044268	.0002834	.0013371	.0006197
%RSD	1.036982	2.501798	.9291922	2.000116	.6750638	.2935643
#1	.0194027	.1717290	.4724489	.0141420	.1996094	.2109192
#2	.0195182	.1803376	.4755889	.0144685	.1973060	.2117854
#3	.0197974	.1777615	.4811878	.0139039	.1972811	.2105846

Elem	Li6707
Units	ppm
Avg	F .0442294
Stddev	.0062261
%RSD	14.07685
#1	.0490362
#2	.0464559
#3	.0371962

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.352	30227.82	2218.316	2081.934	2168.345
Stddev	8.987	105.79	6.341	4.513	9.624
%RSD	.3722448	.3499617	.2858271	.2167687	.4438551
#1	2422.809	30201.67	2225.487	2076.878	2177.300
#2	2404.915	30137.56	2216.008	2083.371	2158.168
#3	2415.333	30344.23	2213.453	2085.554	2169.568

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165547BL Acquired: 12/19/2024 0:05:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS547 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.001677	-.001066	-.000724	.0004361	-.002205	-.010170	.0006274
Stddev	.003259	.002636	.002952	.0027478	.001304	.022432	.0009290
%RSD	194.3494	247.3738	407.4955	630.0682	59.13965	220.5834	148.0924
#1	-.004182	-.003963	-.002671	.0000002	-.002138	.005304	-.000443
#2	-.002856	-.000422	.002672	.0033758	-.003542	-.035896	.001101
#3	.002007	.001189	-.002175	-.002068	-.000936	.000083	.001224

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000226	-.000093	.0140184	.0011140	-.000471	.0063866	-.007542
Stddev	.0000916	.000019	.0436295	.0000751	.000249	.0071559	.032784
%RSD	405.6398	20.90045	311.2312	6.743047	52.97905	112.0460	434.6968
#1	.0001269	-.000109	.0636993	.0011597	-.000190	-.001798	.025028
#2	-.000044	-.000097	-.003584	.0011549	-.000666	.011459	-.007117
#3	-.000015	-.000071	-.018060	.0010273	-.000556	.009499	-.040537

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025565	-.045886	-.000055	.0004385	1.362222	-.002795	.0025670
Stddev	.0001554	.068169	.000341	.0001462	.693484	.008753	.0038966
%RSD	6.077232	148.5607	615.0746	33.34170	50.90832	313.1990	151.7961
#1	.0023814	-.042831	-.000395	.0004329	2.161300	-.010356	-.000200
#2	.0026778	-.115532	-.000058	.0002952	1.007701	-.004823	.007023
#3	.0026103	.020704	.000287	.0005874	.917665	.006794	.000877

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4319567	-.002348	-.004421	-.000188	.0016775	-.002104	-.001349
Stddev	.0978929	.000852	.003868	.000292	.0043715	.000674	.000602
%RSD	22.66267	36.28862	87.47890	155.3268	260.5951	32.03029	44.64088
#1	.3212376	-.001539	-.008671	.000127	.0066970	-.001653	-.001768
#2	.4675931	-.003238	-.001106	-.000242	-.000370	-.001780	-.000659
#3	.5070392	-.002269	-.003487	-.000449	-.001294	-.002879	-.001620

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165547BL Acquired: 12/19/2024 0:05:24 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS547 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003758	.0001780	.0095226
Stddev	.001439	.0001997	.0045807
%RSD	38.29348	112.1881	48.10371
#1	-.003130	.0003149	.0146964
#2	-.005404	-.000051	.0078878
#3	-.002739	.000270	.0059835

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2430.215	30297.00	2213.975	2096.193	2186.294
Stddev	13.980	145.18	23.657	8.853	9.533
%RSD	.5752489	.4791944	1.068553	.4223603	.4360393
#1	2446.282	30130.50	2195.398	2085.976	2197.134
#2	2420.839	30397.20	2205.919	2101.621	2182.533
#3	2423.522	30363.29	2240.608	2100.981	2179.215

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165547BS Acquired: 12/19/2024 0:09:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS547 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0198282	.0517138	.0198929	.0662009	.1088745	.4264486
Stddev	.0012342	.0022321	.0023233	.0000948	.0022955	.0099965
%RSD	6.224567	4.316320	11.67901	.1431430	2.108439	2.344122
#1	.0207685	.0496692	.0218699	.0662590	.1109274	.4345547
#2	.0202855	.0540952	.0204749	.0660915	.1063959	.4152788
#3	.0184306	.0513771	.0173340	.0662521	.1093003	.4295123

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4171885	.0105972	.0098221	10.11495	.0217117	.1025724
Stddev	.0080133	.0001274	.0001248	.15842	.0005507	.0001890
%RSD	1.920797	1.202029	1.270547	1.566174	2.536238	.1842904
#1	.4079414	.0104546	.0098976	9.93498	.0217007	.1026108
#2	.4220995	.0106372	.0096780	10.17654	.0211667	.1023671
#3	.4215246	.0106998	.0098906	10.23331	.0222678	.1027393

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0538789	.1757848	.0352603	10.39040	.0778672	.0194707
Stddev	.0010888	.0211769	.0009584	.14867	.0009061	.0008685
%RSD	2.020807	12.04707	2.718172	1.430812	1.163685	4.460742
#1	.0550484	.1732075	.0353368	10.22102	.0777708	.0185375
#2	.0536938	.1560145	.0342659	10.45095	.0770131	.0196190
#3	.0528946	.1981324	.0361781	10.49924	.0788177	.0202555

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.87982	.1062643	.1241938	9.954177	.0166308	F -.007205
Stddev	.70827	.0107550	.0158983	.258875	.0009935	.000370
%RSD	5.961937	10.12103	12.80119	2.600662	5.973761	5.132551
#1	11.16488	.1183227	.1124043	9.730936	.0162519	-.006850
#2	11.89336	.1028074	.1179021	9.893640	.0177580	-.007588
#3	12.58122	.0976628	.1422751	10.23796	.0158825	-.007178

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165547BS Acquired: 12/19/2024 0:09:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS547 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0194688	.1833986	F .4825656	.0121078	.2006086	.2135659
Stddev	.0005623	.0040109	.0033862	.0003570	.0021528	.0035771
%RSD	2.888158	2.186991	.7016974	2.948305	1.073127	1.674921
#1	.0188864	.1835409	.4795605	.0116960	.1987229	.2094474
#2	.0195115	.1873365	.4819018	.0122980	.2001487	.2153534
#3	.0200086	.1793184	.4862345	.0123294	.2029542	.2158970

Elem	Li6707
Units	ppm
Avg	F .0403766
Stddev	.0040964
%RSD	10.14551
#1	.0358469
#2	.0438213
#3	.0414616

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2409.996	30167.36	2237.057	2081.382	2163.912
Stddev	7.462	146.20	15.345	7.299	5.330
%RSD	.3096181	.4846266	.6859356	.3506584	.2463219
#1	2414.337	30069.68	2252.322	2073.522	2164.596
#2	2414.270	30096.94	2237.214	2082.678	2168.867
#3	2401.380	30335.43	2221.634	2087.946	2158.273

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165547BSD Acquired: 12/19/2024 0:13:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD547 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081087	.0257475	.0101424	.0343431	.0547832	.2143506	.2105370
Stddev	.0030621	.0023991	.0020523	.0012408	.0005981	.0030526	.0011534
%RSD	37.76294	9.317848	20.23452	3.613042	1.091797	1.424099	.5478475
#1	.0115751	.0229773	.0079559	.0338945	.0552030	.2172219	.2113102
#2	.0057719	.0271154	.0120270	.0333890	.0550482	.2146854	.2110895
#3	.0069791	.0271496	.0104442	.0357459	.0540984	.2111444	.2092112

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052464	.0047828	5.120448	.0102720	.0512647	.0289027	.1160023
Stddev	.0001043	.0000299	.024685	.0002548	.0002375	.0024244	.0540317
%RSD	1.988390	.6253971	.4820875	2.480410	.4633020	8.388262	46.57815
#1	.0051308	.0047806	5.116458	.0102852	.0515015	.0275597	.0831886
#2	.0052747	.0047541	5.098000	.0105199	.0512660	.0274469	.1783642
#3	.0053336	.0048138	5.146884	.0100109	.0510265	.0317014	.0864540

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0183125	5.256676	.0384115	.0086257	6.791704	.0544932	.0616914
Stddev	.0008379	.063131	.0005148	.0000981	.760717	.0055038	.0053967
%RSD	4.575512	1.200971	1.340126	1.137492	11.20068	10.09989	8.747944
#1	.0181699	5.186012	.0389999	.0086639	7.340785	.0535267	.0568560
#2	.0192126	5.276499	.0381909	.0085142	5.923385	.0495367	.0607048
#3	.0175552	5.307517	.0380439	.0086988	7.110943	.0604162	.0675134

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.357265	.0065424	-.006782	.0101175	.0864897	.2404532	.0063562
Stddev	.111342	.0023740	.002347	.0002540	.0049500	.0013755	.0003677
%RSD	2.078344	36.28681	34.60296	2.510133	5.723191	.5720411	5.784999
#1	5.461909	.0051275	-.006780	.0101730	.0809328	.2388727	.0059997
#2	5.369629	.0092832	-.004436	.0103391	.0904270	.2411080	.0067342
#3	5.240257	.0052164	-.009129	.0098404	.0881093	.2413791	.0063349

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165547BSD Acquired: 12/19/2024 0:13:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD547 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1017901	.1078749	.0275729
Stddev	.0033041	.0002074	.0032066
%RSD	3.245986	.1922173	11.62956
#1	.1051864	.1081138	.0284772
#2	.0985866	.1077414	.0240113
#3	.1015974	.1077695	.0302303

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2384.287	29964.45	2169.860	2056.648	2163.025
Stddev	8.825	151.48	6.015	12.278	10.709
%RSD	.3701384	.5055384	.2772240	.5969833	.4951134
#1	2374.322	29822.68	2165.843	2047.746	2151.185
#2	2391.117	29946.61	2166.962	2051.544	2172.036
#3	2387.421	30124.06	2176.776	2070.655	2165.853

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165529BL Acquired: 12/19/2024 0:17:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS529 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.003002	.0018924	-.001211	.0009626	-.003076	.0075598	.0015885
Stddev	.002538	.0011910	.001714	.0011558	.001154	.0137293	.0002750
%RSD	84.55894	62.93284	141.4553	120.0698	37.50731	181.6089	17.31299
#1	-.000078	.0012251	-.000584	-.000288	-.003974	.0147383	.0014914
#2	-.004644	.0011847	-.003150	.001991	-.001775	-.008271	.0013751
#3	-.004282	.0032674	.000100	.001185	-.003479	.016212	.0018989

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000050	-.000056	.0369321	.0005230	-.000160	-.001014	.0063416
Stddev	.000062	.000160	.0261884	.0002870	.000618	.002043	.0228916
%RSD	123.3693	285.0919	70.90968	54.86878	385.4481	201.5484	360.9744
#1	-.000012	-.000190	.0339404	.0006640	-.000230	-.003096	.0257786
#2	-.000017	-.000099	.0644878	.0001928	.000490	.000987	-.018891
#3	-.000121	.000121	.0123680	.0007123	-.000740	-.000931	.012137

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010397	-.024160	-.000635	-.000431	1.903954	.0071032	-.000306
Stddev	.0006783	.063668	.000369	.000603	.189523	.0066361	.008437
%RSD	65.23806	263.5290	58.03991	139.6813	9.954201	93.42300	2759.043
#1	.0013507	-.097049	-.000354	.000021	1.738571	-.000272	-.005422
#2	.0002617	.003982	-.000499	-.000200	1.862526	.008989	-.004927
#3	.0015068	.020588	-.001052	-.001116	2.110764	.012592	.009432

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4111649	-.000540	-.006907	-.000064	.0013341	-.003389	-.001499
Stddev	.1608525	.002382	.000913	.000282	.0057694	.000734	.001130
%RSD	39.12118	440.9048	13.22202	442.3474	432.4597	21.66004	75.38307
#1	.4182298	-.000513	-.005881	.000039	.0077256	-.004017	-.000267
#2	.2468963	-.002935	-.007208	.000153	-.000234	-.003567	-.002487
#3	.5683685	.001828	-.007632	-.000383	-.003489	-.002582	-.001744

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165529BL Acquired: 12/19/2024 0:17:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS529 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002023	.0000125	.0143993
Stddev	.004874	.0001562	.0017473
%RSD	240.8917	1251.353	12.13456
#1	.002197	-.000078	.0140294
#2	-.007358	.000193	.0163019
#3	-.000909	-.000077	.0128665

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2386.795	30015.10	2187.446	2060.834	2154.807
Stddev	6.424	59.22	31.641	8.156	2.371
%RSD	.2691303	.1972897	1.446471	.3957717	.1100239
#1	2382.347	30054.40	2223.644	2068.502	2152.214
#2	2394.160	29946.99	2165.056	2052.265	2156.863
#3	2383.879	30043.91	2173.638	2061.736	2155.346

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165529BS Acquired: 12/19/2024 0:21:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS529 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0202137	.0483185	.0195549	.0632941	.1110579	.3976509
Stddev	.0020152	.0021799	.0020411	.0029575	.0019117	.0190090
%RSD	9.969566	4.511615	10.43768	4.672583	1.721313	4.780331
#1	.0218830	.0458650	.0210393	.0598989	.1106684	.4157058
#2	.0179751	.0490579	.0203980	.0646735	.1093710	.3994335
#3	.0207832	.0500326	.0172273	.0653098	.1131343	.3778134

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4200150	.0107738	.0098049	10.25466	.0210713	.1037047
Stddev	.0028625	.0001883	.0000443	.14116	.0001829	.0004532
%RSD	.6815161	1.748028	.4520069	1.376561	.8682117	.4370430
#1	.4220632	.0106362	.0097884	10.39949	.0209096	.1036038
#2	.4167442	.0106967	.0098551	10.24701	.0210344	.1033104
#3	.4212375	.0109884	.0097712	10.11748	.0212699	.1041999

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0574680	.2009929	.0340927	10.49686	.0775692	.0193708
Stddev	.0043880	.0108111	.0017636	.15350	.0004988	.0008226
%RSD	7.635593	5.378824	5.173035	1.462373	.6430023	4.246538
#1	.0623453	.2116730	.0359964	10.66921	.0770063	.0186708
#2	.0562180	.2012502	.0325146	10.44655	.0779561	.0191648
#3	.0538405	.1900555	.0337670	10.37483	.0777453	.0202768

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.15090	.1127802	.1192096	10.36376	.0164735	F -.005950
Stddev	.34961	.0034190	.0077711	.17931	.0018352	.003730
%RSD	3.135219	3.031538	6.518889	1.730152	11.14043	62.69131
#1	11.45899	.1165931	.1109883	10.16224	.0143591	-.007788
#2	11.22277	.1117600	.1202060	10.50567	.0174081	-.008405
#3	10.77095	.1099874	.1264345	10.42337	.0176533	-.001658

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165529BS Acquired: 12/19/2024 0:21:23 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS529 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0197019	.1820539	F .4881605	.0128770	.2043127	.2156359
Stddev	.0003089	.0035587	.0026547	.0015362	.0006706	.0012996
%RSD	1.567627	1.954759	.5438072	11.92984	.3282299	.6026679
#1	.0197358	.1809389	.4892456	.0135550	.2050126	.2171267
#2	.0199924	.1860366	.4851351	.0139576	.2042495	.2150392
#3	.0193775	.1791862	.4901006	.0111185	.2036759	.2147419

Elem	Li6707
Units	ppm
Avg	F .0415483
Stddev	.0062161
%RSD	14.96110
#1	.0443720
#2	.0344216
#3	.0458514

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2397.111	29980.62	2199.322	2054.523	2154.097
Stddev	8.008	85.86	14.743	12.040	5.450
%RSD	.3340548	.2864003	.6703524	.5860376	.2530207
#1	2391.886	29881.53	2186.714	2040.829	2153.635
#2	2406.330	30027.12	2215.533	2059.292	2159.763
#3	2393.116	30033.20	2195.718	2063.449	2148.892

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165552BL Acquired: 12/19/2024 0:25:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS552 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007649	.0021910	-.002648	-.001490	-.000302	-.013609	.0004664
Stddev	.0027159	.0017550	.002653	.003311	.000799	.015022	.0013871
%RSD	355.0821	80.10205	100.1850	222.1460	264.4057	110.3848	297.3911
#1	.0010181	.0025042	-.004965	-.004997	-.000817	-.010111	.0012109
#2	-.002069	.0037683	.000246	-.001056	-.000708	-.000644	.0013224
#3	.003345	.0003004	-.003226	.001582	.000618	-.030071	-.001134

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000096	-.000139	-.010481	-.000383	.0000168	-.001979	.0040924
Stddev	.000175	.000037	.033600	.000887	.0002522	.003169	.0223404
%RSD	182.5893	26.33570	320.5685	231.4533	1503.500	160.1379	545.9019
#1	-.000028	-.000097	-.042349	-.000407	.0002622	-.005364	.0229722
#2	.000035	-.000154	.024617	.000515	-.000242	.000916	-.020571
#3	-.000295	-.000166	-.013711	-.001257	.000030	-.001489	.009876

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0026455	-.050795	-.000131	.0002490	1.377308	.0012447	.0016256
Stddev	.0007220	.020372	.000460	.0011859	.295660	.0076289	.0131389
%RSD	27.29039	40.10558	352.0042	476.3697	21.46653	612.9202	808.2337
#1	.0018252	-.050513	.000120	.0012308	1.590937	-.006349	-.009708
#2	.0029271	-.030566	-.000662	-.001069	1.039871	.001175	-.001442
#3	.0031842	-.071306	.000150	.000585	1.501118	.008908	.016027

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2636734	-.002148	-.004613	-.000129	-.001011	-.003067	-.000884
Stddev	.0513890	.001132	.001811	.000200	.003575	.001025	.000825
%RSD	19.48964	52.70401	39.24664	154.2153	353.5477	33.43042	93.28283
#1	.2091975	-.003123	-.003245	.000060	.002872	-.003513	-.000926
#2	.3112857	-.000907	-.003929	-.000338	-.004167	-.003794	-.000040
#3	.2705371	-.002413	-.006666	-.000110	-.001739	-.001894	-.001688

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165552BL Acquired: 12/19/2024 0:25:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS552 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.002137	.0000721	.0112087
Stddev	.003161	.0001432	.0021316
%RSD	147.8929	198.7320	19.01714
#1	-.004348	-.000031	.0097943
#2	.001483	.000012	.0136604
#3	-.003547	.000235	.0101715

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2422.619	30063.83	2207.716	2073.116	2180.208
Stddev	17.255	158.54	16.483	11.200	12.598
%RSD	.7122452	.5273327	.7466188	.5402293	.5778119
#1	2404.516	29891.70	2193.183	2061.562	2168.815
#2	2424.461	30203.85	2204.339	2083.924	2178.074
#3	2438.878	30095.95	2225.627	2073.861	2193.737

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165552BS Acquired: 12/19/2024 0:29:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS552 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0199124	.0536273	.0174471	.0655524	.1102413	.4079184
Stddev	.0058651	.0011596	.0029270	.0027938	.0014572	.0255824
%RSD	29.45465	2.162366	16.77665	4.261989	1.321858	6.271460
#1	.0131693	.0549657	.0181361	.0686904	.1109513	.4153698
#2	.0227386	.0529219	.0142370	.0633351	.1085651	.3794375
#3	.0238294	.0529944	.0199681	.0646316	.1112075	.4289478

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4219813	.0106880	.0098899	10.30394	.0215317	.1037335
Stddev	.0019968	.0001839	.0000496	.10545	.0003400	.0003927
%RSD	.4732018	1.720364	.5011047	1.023372	1.579081	.3785704
#1	.4199211	.0106982	.0099057	10.18566	.0211799	.1032806
#2	.4221149	.0108666	.0099296	10.38810	.0215566	.1039786
#3	.4239080	.0104993	.0098344	10.33807	.0218585	.1039414

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0509315	.1907560	.0354254	10.61510	.0785589	.0195011
Stddev	.0056906	.0249975	.0006702	.09903	.0008276	.0007063
%RSD	11.17312	13.10444	1.891757	.9329433	1.053430	3.621681
#1	.0567856	.2031754	.0354189	10.52887	.0795017	.0187082
#2	.0454198	.1619809	.0347585	10.59317	.0779526	.0200627
#3	.0505889	.2071115	.0360988	10.72326	.0782224	.0197324

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.39278	.1083998	.1153169	10.22269	.0184480	F -.004412
Stddev	.27864	.0044685	.0033240	.13064	.0009643	.004012
%RSD	2.445775	4.122224	2.882526	1.277906	5.227283	90.91992
#1	11.17134	.1118930	.1156300	10.37347	.0174940	-.005954
#2	11.30134	.1099418	.1184734	10.14352	.0184277	.000142
#3	11.70565	.1033645	.1118474	10.15108	.0194224	-.007424

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165552BS Acquired: 12/19/2024 0:29:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS552 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196167	.1863496	F .4899068	.0128734	.2007091	.2164123
Stddev	.0006929	.0014016	.0021961	.0007897	.0042319	.0007088
%RSD	3.532118	.7521253	.4482719	6.134463	2.108496	.3275065
#1	.0192507	.1871551	.4895529	.0131762	.1958421	.2161916
#2	.0204159	.1847312	.4922583	.0134668	.2035221	.2158401
#3	.0191836	.1871625	.4879090	.0119770	.2027629	.2172051

Elem	Li6707
Units	ppm
Avg	F .0449370
Stddev	.0068185
%RSD	15.17340
#1	.0386388
#2	.0521777
#3	.0439946

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2412.633	30317.14	2211.198	2093.317	2160.559
Stddev	7.589	109.40	6.999	14.634	3.258
%RSD	.3145565	.3608587	.3165072	.6991032	.1507817
#1	2416.157	30265.57	2216.934	2085.743	2162.094
#2	2417.820	30243.05	2203.400	2084.021	2162.765
#3	2403.923	30442.79	2213.259	2110.186	2156.817

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165552BSD Acquired: 12/19/2024 0:33:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD552 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0097139	.0258466	.0095123	.0297163	.0530474	.2101309	.2084255
Stddev	.0044672	.0026494	.0009645	.0009461	.0019770	.0198929	.0028548
%RSD	45.98757	10.25056	10.13909	3.183601	3.726940	9.466904	1.369710
#1	.0148062	.0228999	.0101436	.0305938	.0509759	.1885479	.2091868
#2	.0078798	.0280320	.0099911	.0287141	.0532522	.2141140	.2052672
#3	.0064556	.0266080	.0084021	.0298411	.0549140	.2277310	.2108225

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0052718	.0047716	5.309370	.0105748	.0514283	.0293500	.1092009
Stddev	.0001412	.0001679	.087606	.0010646	.0004630	.0048736	.0204356
%RSD	2.678563	3.517970	1.650035	10.06694	.9003060	16.60519	18.71380
#1	.0053256	.0048680	5.327242	.0101470	.0513016	.0341571	.1000557
#2	.0051116	.0045777	5.214205	.0117866	.0519415	.0294803	.0949349
#3	.0053782	.0048689	5.386662	.0097906	.0510418	.0244125	.1326120

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0172397	5.260998	.0385623	.0104987	7.255609	.0519893	.0738290
Stddev	.0006294	.141246	.0008973	.0007473	.372313	.0058290	.0007367
%RSD	3.651022	2.684774	2.326835	7.118386	5.131381	11.21197	.9977928
#1	.0172902	5.163632	.0395475	.0110931	6.826874	.0555334	.0729801
#2	.0178423	5.196366	.0377919	.0096597	7.497483	.0551727	.0743014
#3	.0165865	5.422996	.0383475	.0107432	7.442470	.0452617	.0742053

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.136719	.0080246	-.005362	.0098978	.0943916	.2408987	.0060041
Stddev	.228725	.0024955	.002412	.0004530	.0037894	.0054105	.0009974
%RSD	4.452745	31.09804	44.99034	4.576505	4.014547	2.245973	16.61270
#1	5.253114	.0104824	-.003946	.0103046	.0958962	.2422287	.0048600
#2	4.873206	.0054931	-.008147	.0094097	.0900809	.2349473	.0066911
#3	5.283836	.0080982	-.003992	.0099790	.0971976	.2455203	.0064611

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165552BSD Acquired: 12/19/2024 0:33:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD552 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0960946	.1073306	.0312786
Stddev	.0030047	.0018511	.0023816
%RSD	3.126848	1.724657	7.614071
#1	.0928806	.1074824	.0339705
#2	.0965697	.1054083	.0294455
#3	.0988335	.1091011	.0304198

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2414.042	30251.25	2226.241	2094.923	2184.073
Stddev	11.510	97.09	34.101	14.438	8.800
%RSD	.4767959	.3209339	1.531774	.6891936	.4029066
#1	2425.440	30338.32	2224.188	2110.313	2190.828
#2	2414.263	30268.87	2261.323	2092.778	2187.269
#3	2402.423	30146.56	2193.213	2081.677	2174.122

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165321BL Acquired: 12/19/2024 0:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS321 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031663	.0003416	-.003040	.0042393	.0000889	.0029354	.0005375
Stddev	.0025114	.0007464	.000556	.0013145	.0014259	.0076299	.0023739
%RSD	79.31641	218.4640	18.28372	31.00694	1602.988	259.9261	441.6687
#1	.0002737	-.000519	-.003525	.0050820	.0005672	.0111449	-.001238
#2	.0047903	.000803	-.002434	.0049112	-.001515	.0016000	.003234
#3	.0044350	.000741	-.003162	.0027247	.001214	-.003939	-.000384

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000142	-.000085	-.005074	-.000099	-.000553	-.001720	-.007089
Stddev	.000094	.000005	.033472	.001845	.000180	.003338	.037183
%RSD	66.55314	5.800131	659.6447	1858.898	32.57411	194.1305	524.5468
#1	-.000034	-.000090	.011697	-.001426	-.000666	-.004378	-.013025
#2	-.000210	-.000081	-.043616	-.000879	-.000345	.002027	.032706
#3	-.000181	-.000083	.016696	.002008	-.000646	-.002808	-.040947

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022172	-.045278	-.000091	.0005101	1.791054	.0009703	.0084261
Stddev	.0021266	.059420	.000522	.0013217	.395888	.0023903	.0167701
%RSD	95.91314	131.2340	571.9162	259.1063	22.10362	246.3495	199.0261
#1	.0012980	.000969	-.000568	.0019134	1.383508	-.000127	.0122748
#2	.0046487	-.112296	-.000173	-.000711	2.174150	-.000675	.0229372
#3	.0007048	-.024508	.000467	.000328	1.815502	.003712	-.009934

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3048716	-.000851	-.005824	-.000313	.0019373	-.002717	-.001085
Stddev	.1796813	.000256	.003207	.000254	.0023849	.000534	.001881
%RSD	58.93672	30.12296	55.07096	81.32498	123.1012	19.66142	173.3147
#1	.1005192	-.000582	-.005108	-.000138	.0040532	-.003195	-.002625
#2	.3759763	-.000878	-.003035	-.000196	.0024058	-.002815	.001011
#3	.4381193	-.001092	-.009329	-.000605	-.000647	-.002140	-.001640

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165321BL Acquired: 12/19/2024 0:37:20 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS321 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.004059	.0001834	.0146463
Stddev	.000355	.0003794	.0026847
%RSD	8.741656	206.9115	18.33044
#1	-.004375	-.000204	.0123236
#2	-.003675	.000199	.0140295
#3	-.004127	.000555	.0175857

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2396.416	30178.72	2177.882	2072.660	2165.699
Stddev	9.027	114.51	14.738	11.158	8.489
%RSD	.3766732	.3794478	.6767108	.5383298	.3919674
#1	2405.777	30169.23	2175.230	2059.822	2172.963
#2	2395.704	30069.24	2164.650	2078.141	2167.766
#3	2387.766	30297.68	2193.766	2080.017	2156.367

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV064 Acquired: 12/19/2024 0:41:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.802711	4.870646	25.31982	5.316151	5.429551	412.6037	10.42998
Stddev	.023377	.042082	.20433	.032145	.045567	2.0823	.04856
%RSD	.4867509	.8639917	.8070104	.6046607	.8392325	.5046645	.4656156
#1	4.818414	4.891682	25.45907	5.341074	5.461232	411.8408	10.40520
#2	4.775845	4.822193	25.08524	5.279869	5.377330	411.0105	10.39880
#3	4.813874	4.898061	25.41514	5.327509	5.450092	414.9598	10.48593

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5227103	2.530866	412.9419	15.39976	2.536850	15.26409	418.6376
Stddev	.0020768	.019073	1.8258	.05830	.020475	.05613	1.6658
%RSD	.3973044	.7536230	.4421396	.3785592	.8071206	.3677448	.3979188
#1	.5207381	2.543414	413.0973	15.33962	2.552260	15.29301	417.7547
#2	.5225150	2.508917	411.0434	15.45602	2.513616	15.19939	417.5991
#3	.5248778	2.540267	414.6851	15.40363	2.544674	15.29986	420.5590

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.71948	414.1906	2.528492	1.287620	417.7749	2.572486	15.20070
Stddev	.06954	1.5994	.022953	.006527	2.0427	.016263	.16583
%RSD	.4423793	.3861627	.9077805	.5069415	.4889457	.6322032	1.090925
#1	15.67202	412.7758	2.545027	1.280614	416.9426	2.560749	15.37699
#2	15.68711	413.8699	2.502286	1.293530	416.2797	2.565659	15.04783
#3	15.79930	415.9261	2.538163	1.288718	420.1023	2.591050	15.17727

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	153.7287	5.076037	4.930448	4.963648	5.156862	4.818910	5.096067
Stddev	1.1995	.040574	.030436	.039499	.046535	.026068	.041393
%RSD	.7802994	.7993311	.6173004	.7957679	.9023887	.5409480	.8122508
#1	153.2342	5.103217	4.896133	4.997892	5.183358	4.790537	5.119510
#2	152.8554	5.029399	4.941036	4.920436	5.103130	4.824393	5.048274
#3	155.0964	5.095496	4.954176	4.972617	5.184098	4.841801	5.120418

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV064 Acquired: 12/19/2024 0:41:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV064 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.198162	4.980459	5.241513
Stddev	.028636	.022121	.023623
%RSD	.5508922	.4441515	.4506931
#1	5.175244	4.970237	5.236503
#2	5.188979	4.965298	5.220797
#3	5.230264	5.005842	5.267239

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2047.731	26859.90	2124.228	1749.700	1750.309
Stddev	10.258	62.24	11.524	8.979	8.676
%RSD	.5009503	.2317030	.5425164	.5131742	.4956712
#1	2037.293	26927.03	2134.327	1742.020	1743.942
#2	2057.799	26804.13	2126.683	1759.573	1760.190
#3	2048.102	26848.54	2111.674	1747.509	1746.794

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB064 Acquired: 12/19/2024 0:44:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019043	.0000138	.0024141	.0008421	-.001497	-.002793
Stddev	.0041044	.0032211	.0004928	.0008792	.001008	.010638
%RSD	215.5390	23404.02	20.41273	104.4069	67.31841	380.9244
#1	.0059594	.0037321	.0022851	.0010897	-.002245	.006939
#2	-.002248	-.001770	.0029585	.0015711	-.001896	-.001168
#3	.002001	-.001921	.0019986	-.000134	-.000351	-.014149

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014599	-.000032	-.000087	-.005025	.0011759	-.000443
Stddev	.0006292	.000059	.000028	.073154	.0006199	.000267
%RSD	43.09621	183.5220	32.66374	1455.780	52.71711	60.34818
#1	.0011327	-.000048	-.000076	-.004337	.0009676	-.000372
#2	.0010617	-.000082	-.000119	.067783	.0006870	-.000218
#3	.0021852	.000033	-.000065	-.078521	.0018731	-.000739

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001919	.0151258	.0020229	-.042643	.0001072	.0006846
Stddev	.0069967	.0103162	.0006965	.080613	.0007053	.0003334
%RSD	3647.054	68.20220	34.42989	189.0448	658.0206	48.69938
#1	-.001313	.0207037	.0021396	.030994	.0009154	.0008415
#2	.007819	.0214522	.0026536	-.030147	-.000210	.0003017
#3	-.005930	.0032216	.0012754	-.128774	-.000384	.0009105

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.293982	-.000074	.0159072	.3495634	-.001945	.0099567
Stddev	.252482	.006415	.0041786	.0304842	.001717	.0024807
%RSD	19.51201	8680.802	26.26889	8.720642	88.26852	24.91493
#1	1.178296	-.003739	.0145093	.3810028	-.000275	.0102158
#2	1.583578	-.003817	.0126068	.3201340	-.001855	.0073567
#3	1.120071	.007334	.0206056	.3475532	-.003705	.0122978

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB064 Acquired: 12/19/2024 0:44:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB064 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002092	.0020049	-.001684	.0001133	.0006386	.0002765
Stddev	.0003332	.0036986	.000862	.0010483	.0012274	.0002011
%RSD	159.2449	184.4764	51.19737	925.1776	192.2101	72.75191
#1	-.000126	.0062109	-.002294	-.000714	-.000554	.0005049
#2	.000213	-.000740	-.002061	.001292	.001898	.0001258
#3	.000541	.000544	-.000698	-.000239	.000571	.0001987

Elem	Li6707
Units	ppm
Avg	F .0227296
Stddev	.0046426
%RSD	20.42547
#1	.0211210
#2	.0279626
#3	.0191052

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2406.166	30065.92	2198.198	2070.787	2171.724
Stddev	6.593	203.65	16.164	11.018	5.269
%RSD	.2739947	.6773539	.7353078	.5320760	.2426342
#1	2398.764	30026.83	2216.847	2065.818	2165.696
#2	2411.407	29884.65	2188.222	2063.129	2175.450
#3	2408.328	30286.29	2189.524	2083.415	2174.028

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165321BS Acquired: 12/19/2024 0:48:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS321 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0220983	.0499185	.0204254	.0645950	.1068785	.3958285
Stddev	.0028473	.0044516	.0019197	.0013331	.0012498	.0048733
%RSD	12.88496	8.917656	9.398779	2.063740	1.169366	1.231161
#1	.0246345	.0455451	.0225783	.0652643	.1057516	.3999992
#2	.0190182	.0497662	.0188915	.0630599	.1082227	.3904716
#3	.0226421	.0544443	.0198065	.0654609	.1066612	.3970146

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4103419	.0103822	.0095673	10.03139	.0212500	.1012476
Stddev	.0009399	.0001586	.0000646	.09222	.0002319	.0006855
%RSD	.2290425	1.527648	.6757314	.9192803	1.091460	.6770411
#1	.4108593	.0105654	.0096321	10.08799	.0211207	.1017120
#2	.4109093	.0102919	.0095028	10.08120	.0215178	.1004603
#3	.4092570	.0102895	.0095671	9.92498	.0211116	.1015706

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0544157	.1946204	.0342060	10.31820	.0766308	.0202508
Stddev	.0060982	.0363811	.0012040	.07319	.0004085	.0007599
%RSD	11.20669	18.69338	3.519737	.7093285	.5330235	3.752594
#1	.0473777	.2364722	.0346425	10.23949	.0767209	.0193952
#2	.0581301	.1705467	.0351308	10.38421	.0769867	.0208473
#3	.0577392	.1768423	.0328446	10.33089	.0761848	.0205100

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.69375	.1045772	.1185768	10.02026	.0167184	F -.001280
Stddev	.60521	.0044436	.0087758	.21592	.0016032	.001011
%RSD	5.659461	4.249061	7.400939	2.154844	9.589393	78.97173
#1	10.10582	.0994690	.1114345	10.04957	.0148677	-.000612
#2	11.31487	.1067132	.1159225	10.22003	.0176063	-.000784
#3	10.66055	.1075494	.1283733	9.79118	.0176812	-.002442

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165321BS Acquired: 12/19/2024 0:48:59 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS321 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192962	.1813978	F .4757811	.0135325	.1978124	.2110921
Stddev	.0003958	.0036090	.0052767	.0007836	.0030026	.0001324
%RSD	2.050986	1.989564	1.109056	5.790823	1.517914	.0627031
#1	.0189947	.1841976	.4778993	.0142839	.2012658	.2111417
#2	.0191495	.1826712	.4796695	.0127201	.1963519	.2111925
#3	.0197444	.1773247	.4697744	.0135934	.1958193	.2109421

Elem	Li6707
Units	ppm
Avg	F .0489320
Stddev	.0029392
%RSD	6.006650
#1	.0467600
#2	.0522764
#3	.0477594

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2418.275	30313.95	2231.509	2092.813	2170.163
Stddev	7.015	66.77	11.530	13.957	3.682
%RSD	.2900909	.2202616	.5166929	.6669201	.1696656
#1	2412.079	30302.22	2223.045	2083.985	2166.980
#2	2425.892	30385.81	2226.840	2108.904	2174.195
#3	2416.855	30253.82	2244.641	2085.549	2169.313

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165576BL Acquired: 12/19/2024 0:52:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS576 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000426	-.000574	-.000748	.0033772	-.001915	-.001230	-.000154
Stddev	.003035	.001660	.001155	.0017854	.001849	.007270	.000431
%RSD	712.1491	289.4879	154.3634	52.86502	96.56722	591.0342	280.9871
#1	.000384	.001340	-.000673	.0017896	-.002453	.007143	.000060
#2	-.003784	-.001433	.000367	.0053100	-.003436	-.005937	.000129
#3	.002122	-.001628	-.001939	.0030322	.000144	-.004897	-.000650

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000711	-.000077	.0183460	.0005180	-.000228	.0065610	-.023727
Stddev	.0000846	.000034	.0380959	.0009683	.000280	.0044541	.009941
%RSD	119.1149	44.53662	207.6522	186.9265	122.6846	67.88732	41.89887
#1	-.000013	-.000037	-.018127	.0000044	-.000502	.0099239	-.019356
#2	.000070	-.000099	.057880	.0016348	-.000240	.0082495	-.035105
#3	.000156	-.000094	.015285	-.000085	.000058	.0015095	-.016720

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016269	-.021515	-.000052	.0010744	.8345416	.0062308	.0102385
Stddev	.0021007	.048776	.001075	.0009622	.9190917	.0020918	.0035554
%RSD	129.1225	226.7049	2067.617	89.56393	110.1313	33.57232	34.72562
#1	.0012191	-.055510	-.000596	.0006392	-.159435	.0068302	.0120812
#2	.0039017	.034372	.001186	.0004066	1.653614	.0039047	.0124943
#3	-.000240	-.043407	-.000746	.0021773	1.009446	.0079575	.0061400

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3214722	-.003120	-.002247	-.000320	.0010511	-.001684	-.000793
Stddev	.2050340	.002537	.002736	.000348	.0042616	.000114	.001257
%RSD	63.77969	81.30680	121.7868	108.6645	405.4304	6.762477	158.3940
#1	.4672468	-.000204	-.005406	-.000306	.0055552	-.001582	-.002086
#2	.4101438	-.004339	-.000700	.000020	.0005156	-.001807	.000423
#3	.0870261	-.004817	-.000634	-.000676	-.002917	-.001664	-.000717

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165576BL Acquired: 12/19/2024 0:52:56 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS576 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.003882	.0003850	.0149577
Stddev	.001881	.0002381	.0021161
%RSD	48.45703	61.85389	14.14718
#1	-.005690	.0001126	.0133111
#2	-.001935	.0005537	.0142177
#3	-.004022	.0004886	.0173445

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2416.497	30402.64	2227.302	2105.688	2174.175
Stddev	10.849	265.45	5.005	21.134	12.331
%RSD	.4489526	.8731044	.2246915	1.003680	.5671499
#1	2426.838	30138.64	2221.646	2082.881	2186.272
#2	2405.203	30669.52	2231.154	2124.611	2161.623
#3	2417.451	30399.77	2229.108	2109.571	2174.630

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165576BS Acquired: 12/19/2024 0:56:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS576 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184969	.0512820	.0181259	.0636843	.1115637	.4094140
Stddev	.0025806	.0009872	.0020293	.0029156	.0006010	.0081847
%RSD	13.95149	1.925048	11.19540	4.578168	.5387182	1.999119
#1	.0157501	.0523295	.0193097	.0641547	.1108867	.4186641
#2	.0188700	.0511477	.0192854	.0605621	.1120347	.4031111
#3	.0208707	.0503689	.0157828	.0663360	.1117695	.4064667

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4098729	.0103222	.0097270	10.07225	.0211229	.1016048
Stddev	.0020480	.0000716	.0000930	.04181	.0004725	.0001174
%RSD	.4996623	.6941509	.9561024	.4150852	2.236859	.1155137
#1	.4122260	.0103131	.0097061	10.06685	.0207971	.1017390
#2	.4089005	.0102556	.0098287	10.03340	.0209069	.1015216
#3	.4084923	.0103980	.0096463	10.11650	.0216648	.1015538

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0593740	.2317851	.0342890	10.33159	.0766605	.0200798
Stddev	.0046608	.0295801	.0008705	.08115	.0005777	.0002429
%RSD	7.849830	12.76185	2.538833	.7854375	.7536208	1.209554
#1	.0588508	.2406127	.0352501	10.42166	.0770942	.0202899
#2	.0549968	.2559464	.0340635	10.26417	.0760047	.0198139
#3	.0642742	.1987962	.0335534	10.30895	.0768826	.0201356

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.55262	.1043736	.1182078	10.04595	.0188401	F -.002146
Stddev	.52388	.0142059	.0093541	.16631	.0007369	.001464
%RSD	4.534723	13.61062	7.913281	1.655498	3.911076	68.23153
#1	12.02040	.0996973	.1078152	10.22041	.0195168	-.003345
#2	11.65092	.1203282	.1259526	9.88921	.0189485	-.002579
#3	10.98656	.0930954	.1208555	10.02822	.0180551	-.000514

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165576BS Acquired: 12/19/2024 0:56:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS576 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0192462	.1803364	F .4804917	.0127939	.1987972	.2114749
Stddev	.0004422	.0016752	.0011105	.0010102	.0034609	.0004397
%RSD	2.297619	.9289355	.2311233	7.895515	1.740900	.2079066
#1	.0193393	.1784050	.4816402	.0138181	.1987079	.2119546
#2	.0187649	.1812109	.4804113	.0117984	.1953819	.2110911
#3	.0196345	.1813935	.4794235	.0127653	.2023019	.2113791

Elem	Li6707
Units	ppm
Avg	F .0418054
Stddev	.0049048
%RSD	11.73240
#1	.0438493
#2	.0453577
#3	.0362092

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2401.616	30124.65	2223.788	2075.844	2157.225
Stddev	4.588	241.42	5.204	20.010	5.051
%RSD	.1910373	.8014057	.2340329	.9639578	.2341501
#1	2400.829	30289.46	2217.875	2088.296	2156.397
#2	2406.546	29847.53	2227.673	2052.762	2162.639
#3	2397.472	30236.95	2225.816	2086.474	2152.639

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165576BSD Acquired: 12/19/2024 1:00:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD576 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0107568	.0238493	.0081481	.0340410	.0514134	.1985014	.2053891
Stddev	.0087764	.0049977	.0007769	.0008783	.0006782	.0175276	.0037650
%RSD	81.58963	20.95517	9.534217	2.580212	1.319099	8.829942	1.833121
#1	.0191216	.0240184	.0072546	.0330383	.0520620	.2187372	.2084279
#2	.0115289	.0187692	.0085257	.0346743	.0514691	.1880694	.2011772
#3	.0016198	.0287602	.0086638	.0344105	.0507090	.1886975	.2065623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0051077	.0047091	5.023545	.0113381	.0504122	.0269900	.1058936
Stddev	.0001579	.0000264	.052265	.0007786	.0002726	.0022743	.0104470
%RSD	3.092367	.5614248	1.040406	6.867067	.5407275	8.426407	9.865560
#1	.0052591	.0047395	5.072647	.0110816	.0501465	.0273948	.1166748
#2	.0049439	.0046913	4.968607	.0122125	.0506912	.0290346	.1051896
#3	.0051201	.0046965	5.029381	.0107200	.0503989	.0245404	.0958164

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0179349	5.205525	.0380645	.0099052	6.007012	.0516913	.0586778
Stddev	.0009674	.075743	.0001944	.0001811	.427333	.0082432	.0057323
%RSD	5.393887	1.455043	.5105768	1.827824	7.113897	15.94706	9.769128
#1	.0169569	5.292574	.0380472	.0101141	5.887722	.0611374	.0592027
#2	.0188913	5.154667	.0382669	.0097939	5.652000	.0479828	.0641296
#3	.0179564	5.169334	.0378794	.0098075	6.481315	.0459536	.0527011

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.899370	.0080997	-.006605	.0099931	.0859164	.2380216	.0054235
Stddev	.308158	.0028562	.001499	.0001021	.0036428	.0016879	.0009314
%RSD	6.289737	35.26219	22.69905	1.021273	4.239912	.7091513	17.17329
#1	5.057651	.0070633	-.004918	.0099480	.0885602	.2378036	.0059791
#2	4.544238	.0059065	-.007112	.0099214	.0874277	.2364532	.0059431
#3	5.096222	.0113294	-.007785	.0101099	.0817612	.2398079	.0043482

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165576BSD Acquired: 12/19/2024 1:00:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD576 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0978510	.1054273	.0314882
Stddev	.0040100	.0017816	.0059940
%RSD	4.098036	1.689867	19.03567
#1	.1003998	.1063054	.0383271
#2	.0932288	.1033771	.0271468
#3	.0999243	.1065993	.0289907

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.903	30176.20	2208.882	2074.918	2178.624
Stddev	3.361	91.26	32.387	3.235	6.860
%RSD	.1398115	.3024268	1.466221	.1558935	.3148984
#1	2402.201	30078.68	2189.798	2073.003	2177.787
#2	2401.734	30190.37	2246.277	2073.099	2172.220
#3	2407.775	30259.54	2190.571	2078.653	2185.864

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165529BSD Acquired: 12/19/2024 1:04:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD529 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0132649	.0235866	.0090530	.0306772	.0548948	.1918589	.2124838
Stddev	.0056424	.0020252	.0036990	.0031231	.0029735	.0036665	.0001643
%RSD	42.53602	8.586165	40.85896	10.18037	5.416740	1.911029	.0773027
#1	.0128910	.0247003	.0108904	.0324617	.0524513	.1877462	.2126720
#2	.0190849	.0248106	.0114736	.0324988	.0540275	.1947855	.2124107
#3	.0078188	.0212490	.0047951	.0270710	.0582055	.1930450	.2123689

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053313	.0048217	5.161987	.0110140	.0520412	.0273624	.0938630
Stddev	.0000834	.0000755	.016500	.0004972	.0006799	.0024344	.0275677
%RSD	1.564892	1.566770	.3196400	4.514528	1.306452	8.896895	29.37016
#1	.0054038	.0048525	5.180223	.0111773	.0519245	.0257678	.0641498
#2	.0053501	.0047357	5.148092	.0114091	.0514272	.0261549	.1186101
#3	.0052401	.0048770	5.157645	.0104557	.0527719	.0301645	.0988292

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0184321	5.337688	.0389526	.0095926	6.300798	.0540572	.0682562
Stddev	.0002542	.107042	.0002598	.0006684	.724922	.0057256	.0103340
%RSD	1.379139	2.005393	.6669255	6.968063	11.50524	10.59169	15.14006
#1	.0182064	5.245382	.0389864	.0097693	5.533222	.0533333	.0567185
#2	.0187075	5.455028	.0386776	.0088536	6.973778	.0601103	.0766619
#3	.0183824	5.312655	.0391939	.0101549	6.395393	.0487280	.0713883

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.419328	.0079083	-.006309	.0096443	.0901091	.2436121	.0068403
Stddev	.204379	.0012659	.002240	.0001997	.0021605	.0014949	.0002306
%RSD	3.771306	16.00780	35.51028	2.070118	2.397674	.6136565	3.371205
#1	5.554414	.0092065	-.004841	.0097557	.0898097	.2419325	.0069006
#2	5.184200	.0078411	-.008888	.0097634	.0881139	.2447970	.0065856
#3	5.519369	.0066773	-.005199	.0094138	.0924037	.2441066	.0070349

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165529BSD Acquired: 12/19/2024 1:04:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD529 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.1028597	.1096289	.0307889
Stddev	.0064409	.0008580	.0057990
%RSD	6.261866	.7826461	18.83483
#1	.1093870	.1089641	.0273903
#2	.0965087	.1093252	.0274916
#3	.1026834	.1105975	.0374848

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2400.812	30012.30	2183.162	2056.578	2172.835
Stddev	11.380	97.02	12.305	14.488	10.652
%RSD	.4739906	.3232761	.5636215	.7044640	.4902413
#1	2409.789	29933.44	2187.749	2039.856	2179.347
#2	2404.634	30120.64	2192.514	2065.376	2178.617
#3	2388.014	29982.81	2169.223	2064.502	2160.543

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165579BL Acquired: 12/19/2024 1:08:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS579 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022686	.0006974	-.002508	-.001074	-.002644	-.004175	.0002519
Stddev	.0006684	.0008856	.002054	.004365	.003154	.010438	.0018921
%RSD	29.46505	126.9873	81.90809	406.2348	119.2730	250.0086	751.1584
#1	.0029889	.0015514	-.004867	-.001486	-.001224	.001963	.0020002
#2	.0016683	-.000217	-.001111	-.005219	-.000450	-.016226	.0005126
#3	.0021485	.000758	-.001546	.003482	-.006259	.001739	-.001757

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000181	-.000099	-.016466	.0005872	-.000404	-.001513	.0061693
Stddev	.000051	.000050	.031581	.0002910	.000254	.003985	.0092400
%RSD	28.27622	50.75845	191.8011	49.54959	62.76143	263.3470	149.7743
#1	-.000125	-.000103	.019194	.0009230	-.000697	.002235	.0167329
#2	-.000194	-.000047	-.027685	.0004085	-.000246	-.005699	.0021856
#3	-.000225	-.000146	-.040906	.0004303	-.000270	-.001075	-.000411

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0021866	-.121635	-.000118	-.000097	.8825698	.0065643	.0084875
Stddev	.0008910	.028498	.000656	.000582	.9701281	.0017267	.0042072
%RSD	40.74990	23.42926	556.4452	597.3030	109.9208	26.30479	49.56943
#1	.0032063	-.154461	-.000475	-.000043	-.227185	.0045712	.0063365
#2	.0015581	-.107216	.000639	.000455	1.569669	.0076067	.0133353
#3	.0017953	-.103228	-.000518	-.000704	1.305225	.0075151	.0057907

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3428995	-.000193	-.004678	.0000186	.0000885	-.003565	-.000692
Stddev	.0565952	.002427	.004095	.0006408	.0017270	.000967	.001186
%RSD	16.50491	1254.470	87.54007	3450.891	1951.799	27.13712	171.2212
#1	.3658667	.002477	-.000443	.0007308	-.001841	-.004643	.000310
#2	.2784309	-.000792	-.008617	-.000511	.000617	-.003279	-.002001
#3	.3844007	-.002265	-.004975	-.000164	.001490	-.002773	-.000386

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165579BL Acquired: 12/19/2024 1:08:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: PBS579 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	-.000992	.0000724	.0145835
Stddev	.002279	.0003966	.0020463
%RSD	229.7647	547.6259	14.03170
#1	.000831	-.000383	.0122369
#2	-.003546	.000257	.0155165
#3	-.000259	.000343	.0159970

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2405.084	30166.94	2197.551	2072.268	2170.663
Stddev	5.342	161.91	4.522	16.509	4.453
%RSD	.2221081	.5366995	.2057763	.7966611	.2051543
#1	2410.633	30209.40	2192.981	2075.042	2174.840
#2	2404.641	30303.37	2202.023	2087.215	2171.171
#3	2399.977	29988.03	2197.648	2054.548	2165.977

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165579BS Acquired: 12/19/2024 1:12:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS579 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0191769	.0519891	.0181006	.0632584	.1079339	.4138353
Stddev	.0039891	.0009365	.0022088	.0022356	.0014493	.0160205
%RSD	20.80163	1.801322	12.20310	3.534068	1.342781	3.871226
#1	.0147561	.0509229	.0189382	.0636435	.1080334	.4293439
#2	.0202666	.0523659	.0155954	.0652765	.1064374	.3973478
#3	.0225078	.0526785	.0197681	.0608553	.1093309	.4148142

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4165647	.0105819	.0097546	10.16153	.0206045	.1025889
Stddev	.0020875	.0001755	.0001305	.10832	.0005183	.0003490
%RSD	.5011277	1.658302	1.337358	1.065973	2.515387	.3401804
#1	.4143157	.0104783	.0098886	10.12971	.0210935	.1022006
#2	.4184404	.0107845	.0096280	10.28220	.0200612	.1026898
#3	.4169379	.0104829	.0097473	10.07269	.0206587	.1028763

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0534457	.1886748	.0345312	10.39746	.0773163	.0191365
Stddev	.0095377	.0076075	.0014641	.15408	.0009371	.0006303
%RSD	17.84559	4.032047	4.239929	1.481876	1.212082	3.293627
#1	.0505719	.1827903	.0356317	10.26229	.0781573	.0196488
#2	.0640898	.1972653	.0350925	10.36485	.0763061	.0184327
#3	.0456753	.1859687	.0328696	10.56523	.0774856	.0193282

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.17871	.1027643	.1259831	10.16623	.0164256	F -.004329
Stddev	.56374	.0085146	.0019906	.11297	.0009790	.000951
%RSD	5.042980	8.285580	1.580048	1.111263	5.960055	21.96360
#1	10.93992	.0929593	.1245436	10.11068	.0153357	-.004072
#2	10.77367	.1082959	.1251510	10.29622	.0167109	-.005382
#3	11.82255	.1070375	.1282547	10.09178	.0172303	-.003533

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165579BS Acquired: 12/19/2024 1:12:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCS579 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0196006	.1835098	F .4862579	.0120016	.2019060	.2149421
Stddev	.0004917	.0048836	.0055833	.0023694	.0018501	.0010641
%RSD	2.508478	2.661243	1.148214	19.74235	.9163055	.4950791
#1	.0201620	.1784185	.4892454	.0144893	.2022478	.2139079
#2	.0193936	.1839556	.4897118	.0097715	.2035614	.2160338
#3	.0192463	.1881553	.4798165	.0117441	.1999089	.2148848

Elem	Li6707
Units	ppm
Avg	F .0465825
Stddev	.0068857
%RSD	14.78180
#1	.0394472
#2	.0471121
#3	.0531881

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2407.881	30100.56	2201.681	2075.030	2160.892
Stddev	4.990	148.37	18.481	10.269	3.935
%RSD	.2072290	.4929156	.8393835	.4948721	.1820972
#1	2404.381	30102.80	2182.935	2082.841	2158.532
#2	2413.595	30247.80	2202.223	2078.850	2165.435
#3	2405.668	29951.08	2219.884	2063.398	2158.709

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165579BSD Acquired: 12/19/2024 1:16:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD579 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0098942	.0243464	.0083135	.0328540	.0558134	.2031544	.2147182
Stddev	.0028275	.0006011	.0035877	.0020802	.0010619	.0408790	.0016198
%RSD	28.57752	2.469122	43.15580	6.331580	1.902668	20.12212	.7543870
#1	.0129727	.0237511	.0073066	.0323475	.0546519	.2321559	.2137875
#2	.0074132	.0243349	.0053367	.0310738	.0567347	.2209069	.2137786
#3	.0092967	.0249532	.0122971	.0351406	.0560535	.1564003	.2165886

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0053748	.0048868	5.248182	.0110663	.0524294	.0214937	.1060442
Stddev	.0002062	.0000522	.050135	.0006379	.0001529	.0017743	.0132375
%RSD	3.836689	1.068743	.9552814	5.764667	.2915885	8.254797	12.48299
#1	.0051870	.0049413	5.204237	.0113504	.0522529	.0206464	.1190929
#2	.0053421	.0048819	5.302791	.0103357	.0525197	.0203019	.1064141
#3	.0055955	.0048372	5.237519	.0115128	.0525157	.0235327	.0926257

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0174994	5.369869	.0396540	.0099080	6.122126	.0482379	.0667982
Stddev	.0013423	.006876	.0002012	.0006441	.556467	.0096186	.0101211
%RSD	7.670806	.1280455	.5072897	6.500581	9.089447	19.93987	15.15178
#1	.0170465	5.377322	.0398781	.0092564	5.575573	.0519277	.0775308
#2	.0164421	5.368514	.0395950	.0105443	6.102801	.0373208	.0574262
#3	.0190096	5.363772	.0394890	.0099234	6.688004	.0554653	.0654377

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.429203	.0115198	-.003959	.0100898	.0970580	.2504892	.0061770
Stddev	.208313	.0009771	.001670	.0004089	.0037009	.0036582	.0007118
%RSD	3.836893	8.481896	42.19237	4.052836	3.813034	1.460403	11.52243
#1	5.222356	.0126245	-.005835	.0099764	.0927850	.2484210	.0055254
#2	5.426302	.0111661	-.002634	.0097495	.0992414	.2483337	.0060692
#3	5.638951	.0107688	-.003408	.0105434	.0991477	.2547130	.0069365

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: PB165579BSD Acquired: 12/19/2024 1:16:52 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: LCSD579 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0989835	.1103224	.0320212
Stddev	.0014418	.0004445	.0032471
%RSD	1.456604	.4028740	10.14049
#1	.0976143	.1101010	.0310648
#2	.0988480	.1100321	.0356391
#3	.1004883	.1108341	.0293597

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2420.188	30290.61	2205.019	2086.581	2184.517
Stddev	2.970	8.15	13.878	8.895	3.130
%RSD	.1227150	.0269025	.6293821	.4263175	.1432861
#1	2421.968	30294.86	2203.122	2096.540	2186.468
#2	2416.759	30295.75	2219.747	2083.781	2180.907
#3	2421.836	30281.21	2192.187	2079.423	2186.177

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5154-17 Acquired: 12/19/2024 1:20:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3785237	-.984904	8.336028	1.078729	.5279912	55.72408
Stddev	.0080744	.014726	.008551	.034764	.0083528	.97636
%RSD	2.133131	1.495198	.1025799	3.222641	1.581998	1.752130
#1	.3693193	-.993607	8.341114	1.099789	.5322007	56.20619
#2	.3818390	-.967901	8.340815	1.038604	.5183712	54.60045
#3	.3844127	-.993203	8.326156	1.097794	.5334018	56.36562

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.471652	.0501364	.0506413	525.6954	3.283112	.1737131
Stddev	.024507	.0010881	.0007065	9.4021	.005367	.0008082
%RSD	1.665261	2.170234	1.395127	1.788517	.1634658	.4652553
#1	1.483346	.0506085	.0503548	530.1973	3.288891	.1741314
#2	1.443488	.0488920	.0514460	514.8887	3.278285	.1742264
#3	1.488121	.0509087	.0501230	532.0001	3.282159	.1727815

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4036109	F 2208.445	F 59.28260	96.03601	1.595848	.0962066
Stddev	.0176307	40.612	1.06960	1.31137	.002814	.0040144
%RSD	4.368248	1.838962	1.804237	1.365496	.1763629	4.172726
#1	.4234499	2226.558	59.75311	96.48130	1.596795	.0984183
#2	.3897351	2161.928	58.05841	94.55998	1.598067	.0915727
#3	.3976477	2236.850	60.03629	97.06674	1.592682	.0986289

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.184035	.3694946	22.23984	8.534816	5.231548	-.348091
Stddev	.223009	.0099093	.09564	.202347	.017026	.008596
%RSD	3.606200	2.681860	.4300290	2.370848	.3254450	2.469475
#1	5.950061	.3762020	22.26845	8.619650	5.240424	-.357648
#2	6.394162	.3581127	22.31792	8.303860	5.242302	-.340992
#3	6.207882	.3741693	22.13317	8.680938	5.211918	-.345632

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5154-17 Acquired: 12/19/2024 1:20:51 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1166878	11.76553	8.628808	.2852235	2.640189	F -1.42824
Stddev	.0017220	.01389	.140195	.0041631	.048761	.02688
%RSD	1.475731	.1180226	1.624729	1.459599	1.846893	1.882370
#1	.1160455	11.77870	8.677457	.2850013	2.666362	-1.44030
#2	.1186387	11.76687	8.470769	.2811760	2.583929	-1.39743
#3	.1153793	11.75102	8.738197	.2894933	2.670275	-1.44698

Elem	Li6707
Units	ppm
Avg	.0873226
Stddev	.0071623
%RSD	8.202144
#1	.0895223
#2	.0793184
#3	.0931271

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2344.623	30035.54	2331.428	2026.828	2044.441
Stddev	3.795	104.52	39.726	5.914	3.265
%RSD	.1618770	.3479895	1.703940	.2918003	.1597243
#1	2348.947	29915.07	2310.648	2022.834	2047.912
#2	2341.842	30102.16	2377.234	2024.028	2043.981
#3	2343.079	30089.38	2306.401	2033.622	2041.430

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5154-16LX5 Acquired: 12/19/2024 1:24:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	.0764615	-.195027	1.857954	.2254028	.1021103	11.52738	.3037313
Stddev	.0031273	.004906	.002744	.0048631	.0069362	.28344	.0074458
%RSD	4.090034	2.515479	.1476766	2.157499	6.792852	2.458814	2.451433
#1	.0785895	-.191879	1.861089	.2261079	.1022583	11.56408	.3035060
#2	.0779241	-.192522	1.855989	.2202257	.0951013	11.22738	.2964007
#3	.0728709	-.200679	1.856783	.2298749	.1089713	11.79067	.3112871

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0113175	.0104409	110.4140	.7215426	.0606104	.0867762	477.3299
Stddev	.0001877	.0002802	2.6286	.0079199	.0006709	.0026062	11.4961
%RSD	1.658078	2.683865	2.380631	1.097627	1.106963	3.003376	2.408419
#1	.0111882	.0105197	110.2744	.7138731	.0613814	.0839091	477.3152
#2	.0112315	.0106733	107.8580	.7210636	.0602909	.0874179	465.8412
#3	.0115327	.0101297	113.1095	.7296911	.0601589	.0890017	488.8334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	12.77603	20.71801	.3531124	.0215043	2.535786	.0852525	4.573479
Stddev	.32030	.46325	.0005142	.0004953	.591451	.0038848	.084819
%RSD	2.507012	2.235958	.1456257	2.303346	23.32416	4.556818	1.854585
#1	12.78080	20.66487	.3533534	.0212753	2.951888	.0897383	4.537065
#2	12.45337	20.28362	.3534619	.0211650	2.796731	.0830323	4.512947
#3	13.09391	21.20553	.3525219	.0220727	1.858738	.0829871	4.670425

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.752231	1.124245	-.035489	.0256335	2.505370	1.931069	.0614893
Stddev	.228565	.006631	.006804	.0010015	.007445	.036441	.0017638
%RSD	13.04424	.5898553	19.17358	3.907164	.2971474	1.887065	2.868505
#1	1.495803	1.120854	-.027664	.0259040	2.513760	1.923236	.0614204
#2	1.826355	1.119995	-.038785	.0264721	2.499553	1.899181	.0597610
#3	1.934534	1.131886	-.040017	.0245245	2.502797	1.970789	.0632866

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5154-16LX5 Acquired: 12/19/2024 1:24:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) 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	.5492968	-.315578	.0272488
Stddev	.0126483	.007645	.0048740
%RSD	2.302637	2.422679	17.88714
#1	.5517470	-.315813	.0216435
#2	.5356026	-.307817	.0304893
#3	.5605407	-.323103	.0296135

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2362.129	30150.53	2255.043	2068.438	2086.568
Stddev	3.848	300.71	41.387	25.191	4.625
%RSD	.1629074	.9973486	1.835305	1.217863	.2216513
#1	2364.860	30401.54	2255.736	2090.669	2090.201
#2	2363.798	30232.80	2296.079	2073.567	2088.141
#3	2357.728	29817.25	2213.314	2041.077	2081.362

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5154-18 Acquired: 12/19/2024 1:28:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4473781	-.896171	8.219609	1.216078	.6948955	59.17628
Stddev	.0043666	.005509	.009883	.008549	.0067872	.28665
%RSD	.9760462	.6147463	.1202406	.7030204	.9767215	.4843972
#1	.4431030	-.889821	8.220779	1.219880	.6996033	59.11460
#2	.4518308	-.899673	8.209193	1.206288	.6871154	58.92550
#3	.4472006	-.899019	8.228856	1.222068	.6979678	59.48875

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.291919	.1430913	.1335132	515.4362	3.577608	1.036801
Stddev	.019962	.0006620	.0003854	2.0141	.015932	.001602
%RSD	.3772100	.4626776	.2886666	.3907594	.4453144	.1545068
#1	5.296145	.1434444	.1338952	514.9585	3.578235	1.035263
#2	5.270183	.1423276	.1335199	513.7039	3.593216	1.036681
#3	5.309430	.1435020	.1331245	517.6462	3.561372	1.038460

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8494190	F 2183.497	F 59.60306	95.43643	2.430969	.1585412
Stddev	.0133117	7.481	.19446	.48158	.004990	.0010908
%RSD	1.567147	.3426186	.3262638	.5046118	.2052564	.6880513
#1	.8482032	2184.440	59.62548	95.45599	2.435196	.1595280
#2	.8367570	2175.588	59.39836	94.94536	2.425465	.1573699
#3	.8632968	2190.461	59.78534	95.90793	2.432246	.1587256

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.352304	1.340807	22.61390	8.410436	5.100310	-.251043
Stddev	.639652	.004273	.16475	.058809	.008377	.013171
%RSD	10.06960	.3187227	.7285347	.6992434	.1642388	5.246632
#1	7.090368	1.345257	22.53608	8.478301	5.106953	-.264452
#2	5.958779	1.336735	22.80315	8.378577	5.090900	-.250556
#3	6.007763	1.340428	22.50248	8.374430	5.103077	-.238123

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5154-18 Acquired: 12/19/2024 1:28:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: ME28Q4S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1156352	11.44251	8.632610	.2806694	2.617623	F -1.41429
Stddev	.0003401	.03372	.030768	.0012223	.006363	.00516
%RSD	.2940733	.2946814	.3564124	.4354764	.2430713	.3645519
#1	.1152640	11.45871	8.640000	.2805006	2.618223	-1.41548
#2	.1159316	11.40375	8.598820	.2819672	2.610981	-1.40864
#3	.1157100	11.46507	8.659010	.2795402	2.623664	-1.41875

Elem	Li6707
Units	ppm
Avg	.0912037
Stddev	.0040011
%RSD	4.386969
#1	.0949040
#2	.0869578
#3	.0917492

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2318.757	29811.18	2272.927	1989.420	2037.897
Stddev	3.573	215.22	8.166	15.807	4.858
%RSD	.1540890	.7219281	.3592845	.7945413	.2383694
#1	2316.605	29734.04	2263.505	1987.815	2032.731
#2	2316.785	29645.16	2277.310	1974.478	2038.586
#3	2322.882	30054.33	2277.966	2005.968	2042.373

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-20DLX2 Acquired: 12/19/2024 1:32:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2557145	-.094000	.3737110	.1031111	.0448859	73.93342	.6880487
Stddev	.0051354	.003325	.0029886	.0043239	.0038020	1.66408	.0150356
%RSD	2.008261	3.536859	.7997085	4.193458	8.470381	2.250784	2.185256
#1	.2520206	-.097347	.3722242	.1064773	.0486402	75.81428	.7046543
#2	.2535441	-.093956	.3717574	.0982346	.0410379	73.33350	.6841348
#3	.2615788	-.090698	.3771514	.1046214	.0449796	72.65249	.6753571

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071387	.0038813	31.22255	.1157040	.1142862	.2363785	207.9019
Stddev	.0000594	.0001294	.69230	.0011831	.0010935	.0109976	4.9925
%RSD	.8326348	3.333417	2.217319	1.022513	.9568321	4.652532	2.401388
#1	.0071994	.0037332	31.96911	.1154119	.1138165	.2470146	213.5984
#2	.0070807	.0039387	31.09681	.1170058	.1135060	.2370691	205.8198
#3	.0071360	.0039721	30.60174	.1146943	.1155361	.2250520	204.2874

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.386200	36.80369	.1127685	.0066918	2.365697	.3544879	.7536457
Stddev	.075694	.91925	.0013615	.0012304	.192517	.0111299	.0186207
%RSD	2.235356	2.497717	1.207343	18.38731	8.137853	3.139704	2.470752
#1	3.471130	37.80902	.1129006	.0071711	2.339276	.3586839	.7410989
#2	3.361612	36.59600	.1113458	.0076104	2.187754	.3418700	.7750408
#3	3.325857	36.00606	.1140592	.0052938	2.570059	.3629099	.7447975

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.61808	6.537311	-.025161	.0017433	1.569093	5.820907	.0210809
Stddev	.51735	.034648	.003906	.0005313	.005555	.166514	.0019782
%RSD	2.393119	.5300016	15.52525	30.47367	.3539966	2.860625	9.383745
#1	22.09911	6.526062	-.029044	.0013165	1.567732	6.010184	.0230719
#2	21.68433	6.509685	-.025207	.0023383	1.564345	5.755551	.0191158
#3	21.07080	6.576185	-.021232	.0015752	1.575201	5.696985	.0210550

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-20DLX2 Acquired: 12/19/2024 1:32:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.307962	-.053380	.0567662
Stddev	.057490	.001644	.0047576
%RSD	2.490962	3.080705	8.381014
#1	2.372368	-.055236	.0621375
#2	2.289689	-.052103	.0530823
#3	2.261828	-.052803	.0550788

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2639.350	32999.14	2370.770	2277.124	2146.236
Stddev	13.287	79.12	57.181	11.416	12.997
%RSD	.5034317	.2397624	2.411924	.5013536	.6055811
#1	2644.580	33050.83	2305.173	2290.183	2150.865
#2	2649.226	32908.06	2397.059	2269.035	2156.286
#3	2624.243	33038.54	2410.080	2272.153	2131.559

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-21DLX2 Acquired: 12/19/2024 1:35:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2550556	-.091657	.3700990	.1000226	.0446308	72.93308	.6812391
Stddev	.0029579	.002179	.0014122	.0070789	.0029784	2.39476	.0246417
%RSD	1.159704	2.377709	.3815612	7.077294	6.673368	3.283508	3.617192
#1	.2527948	-.093747	.3716732	.1076853	.0469717	75.69146	.7096474
#2	.2539689	-.089398	.3696801	.0986556	.0456422	71.72235	.6684282
#3	.2584031	-.091827	.3689436	.0937269	.0412784	71.38542	.6656416

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069342	.0038672	31.12309	.1159696	.1128178	.2362692	206.2337
Stddev	.0000614	.0001320	1.06764	.0003032	.0007693	.0017242	6.6899
%RSD	.8848149	3.412107	3.430379	.2614414	.6819154	.7297760	3.243857
#1	.0069681	.0037445	32.35586	.1156403	.1133909	.2370420	213.9352
#2	.0069712	.0040068	30.49962	.1162371	.1131190	.2342937	202.9022
#3	.0068634	.0038503	30.51377	.1160315	.1119434	.2374717	201.8636

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.350513	36.23099	.1103803	.0075463	1.418891	.3421450	.7459524
Stddev	.107826	1.12184	.0000619	.0013717	.533522	.0081893	.0043176
%RSD	3.218185	3.096346	.0560707	18.17752	37.60133	2.393524	.5788055
#1	3.474936	37.50714	.1103555	.0085518	1.708402	.3465100	.7421660
#2	3.292253	35.78548	.1103346	.0081034	1.745073	.3472272	.7506544
#3	3.284350	35.40033	.1104507	.0059836	.803197	.3326979	.7450367

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.35036	6.464351	-.030013	.0010890	1.540231	5.733459	.0218563
Stddev	.82771	.007899	.002068	.0004061	.002872	.112039	.0011129
%RSD	3.876788	.1222004	6.890250	37.29179	.1864877	1.954118	5.092127
#1	22.30557	6.468155	-.027824	.0015562	1.542620	5.861360	.0229180
#2	20.90068	6.469628	-.030282	.0008215	1.537044	5.686354	.0206984
#3	20.84483	6.455269	-.031933	.0008892	1.541030	5.652665	.0219525

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-21DLX2 Acquired: 12/19/2024 1:35:57 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.289770	-.053039	.0538904
Stddev	.075740	.001864	.0084976
%RSD	3.307769	3.513977	15.76837
#1	2.377080	-.055116	.0580877
#2	2.250499	-.052490	.0441108
#3	2.241729	-.051511	.0594727

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2674.934	33427.82	2422.451	2315.203	2175.788
Stddev	9.493	112.60	68.628	14.293	5.683
%RSD	.3548994	.3368488	2.833009	.6173629	.2611983
#1	2664.016	33297.80	2343.728	2299.219	2169.441
#2	2679.547	33491.97	2453.949	2319.631	2177.517
#3	2681.239	33493.68	2469.676	2326.757	2180.405

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-20LDLX10 Acquired: 12/19/2024 1:39:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0468607	-.019272	.0714341	.0222243	.0068823	14.58769	.1375624
Stddev	.0045612	.002658	.0025765	.0036138	.0032153	.08718	.0018085
%RSD	9.733458	13.79416	3.606866	16.26051	46.71786	.5976124	1.314688
#1	.0429506	-.016470	.0715914	.0229638	.0097659	14.68656	.1393998
#2	.0457599	-.021759	.0687825	.0254111	.0074658	14.55464	.1375031
#3	.0518715	-.019589	.0739283	.0182980	.0034153	14.52186	.1357842

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0013533	.0005748	6.290160	.0236666	.0231807	.0511958	41.66101
Stddev	.0000961	.0000466	.082778	.0009645	.0002429	.0053581	.31296
%RSD	7.104281	8.100665	1.315986	4.075174	1.047892	10.46584	.7511997
#1	.0014554	.0005733	6.338831	.0240242	.0231641	.0454689	41.98726
#2	.0013400	.0006221	6.337067	.0225744	.0229465	.0560868	41.63246
#3	.0012645	.0005290	6.194582	.0244012	.0234315	.0520317	41.36330

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6797416	7.287186	.0207911	.0007221	1.339420	.0645951	.1680645
Stddev	.0029945	.023220	.0004594	.0003471	.534301	.0043142	.0106306
%RSD	.4405282	.3186354	2.209752	48.06085	39.89049	6.678880	6.325287
#1	.6830188	7.313779	.0203313	.0010744	.725808	.0658784	.1589661
#2	.6790579	7.276850	.0212502	.0003806	1.590656	.0597848	.1797497
#3	.6771482	7.270929	.0207918	.0007113	1.701796	.0681221	.1654776

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.395308	1.238650	-.013627	.0005327	.2983397	1.177021	.0035487
Stddev	.229059	.006186	.000802	.0002783	.0018268	.024228	.0009816
%RSD	5.211448	.4994202	5.885472	52.23962	.6123357	2.058392	27.65928
#1	4.533795	1.232145	-.012706	.0006227	.2989494	1.200456	.0042962
#2	4.521216	1.239347	-.014007	.0007549	.2962860	1.178536	.0039128
#3	4.130913	1.244458	-.014168	.0002206	.2997837	1.152072	.0024372

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-20LDLX10 Acquired: 12/19/2024 1:39:48 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4551174	-.011131	.0230509
Stddev	.0040501	.000336	.0022928
%RSD	.8898939	3.021472	9.946594
#1	.4597364	-.011257	.0224167
#2	.4534420	-.011387	.0255940
#3	.4521739	-.010750	.0211419

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2504.005	31150.79	2273.761	2146.563	2194.401
Stddev	8.881	197.01	27.548	2.071	6.626
%RSD	.3546718	.6324539	1.211542	.0964760	.3019377
#1	2511.116	30942.91	2243.765	2144.444	2201.669
#2	2506.849	31334.75	2279.592	2148.582	2192.837
#3	2494.051	31174.71	2297.927	2146.665	2188.698

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-21DLX2 Acquired: 12/19/2024 1:43:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3420580	-.000203	.4177183	.2797129	.2200290	75.87225	4.635881
Stddev	.0063437	.002043	.0009171	.0047849	.0035392	.49414	.037896
%RSD	1.854554	1006.451	.2195520	1.710659	1.608517	.6512741	.8174525
#1	.3491769	-.001894	.4181964	.2821145	.2239085	76.43562	4.678625
#2	.3399924	.002067	.4182977	.2742028	.2192021	75.51228	4.606396
#3	.3370045	-.000781	.4166610	.2828214	.2169765	75.66883	4.622623

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1054525	.1046735	31.12760	.5176348	1.114800	.7013861	206.6908
Stddev	.0002321	.0001644	.23253	.0025387	.001457	.0086472	1.5965
%RSD	.2200530	.1570120	.7470242	.4904478	.1306895	1.232873	.7724015
#1	.1056365	.1044839	31.33651	.5201106	1.113173	.7046986	208.5111
#2	.1055292	.1047603	30.87707	.5150375	1.115984	.6915723	205.5280
#3	.1051918	.1047762	31.16922	.5177562	1.115245	.7078872	206.0334

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.315646	36.08178	1.123170	.0773197	1.802233	1.325644	1.615344
Stddev	.034843	.29573	.001388	.0006358	.498854	.016779	.011972
%RSD	.8073722	.8196016	.1235781	.8222719	27.67975	1.265753	.7411557
#1	4.355878	36.40227	1.122650	.0772225	1.249516	1.340088	1.628304
#2	4.295884	36.02359	1.122118	.0767382	1.938118	1.307238	1.613030
#3	4.295178	35.81947	1.124743	.0779985	2.219066	1.329605	1.604698

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	21.15098	6.568882	-.032225	.0010255	1.580034	5.658479	.0217225
Stddev	.23772	.008818	.004031	.0000626	.003151	.029930	.0004902
%RSD	1.123927	.1342450	12.50927	6.103163	.1994429	.5289361	2.256444
#1	21.38713	6.559333	-.029051	.0010093	1.577137	5.691730	.0220367
#2	20.91172	6.576719	-.036761	.0010946	1.583389	5.633694	.0219731
#3	21.15408	6.570593	-.030862	.0009726	1.579576	5.650013	.0211577

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5173-21DLX2 Acquired: 12/19/2024 1:43:45 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ58S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	2.266509	-.054621	.0513004
Stddev	.022727	.000466	.0035257
%RSD	1.002713	.8536879	6.872708
#1	2.292152	-.055131	.0495739
#2	2.248856	-.054217	.0489707
#3	2.258520	-.054514	.0553566

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2649.963	32958.29	2437.545	2283.977	2149.420
Stddev	7.330	169.36	8.328	17.681	3.561
%RSD	.2766208	.5138578	.3416592	.7741270	.1656610
#1	2643.909	32783.99	2428.558	2268.165	2148.083
#2	2658.113	33122.24	2439.075	2303.068	2153.456
#3	2647.868	32968.64	2445.001	2280.697	2146.722

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-20DLX2 Acquired: 12/19/2024 1:47:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2004380	-.076276	.5673221	.0856736	.0340355	87.10157	1.227942
Stddev	.0058786	.001807	.0047424	.0049781	.0010239	.37729	.008792
%RSD	2.932867	2.369514	.8359242	5.810575	3.008337	.4331595	.7159652
#1	.1985125	-.074907	.5725121	.0912703	.0350956	87.38434	1.229850
#2	.1957636	-.075598	.5632144	.0840111	.0330521	87.24720	1.235624
#3	.2070379	-.078325	.5662399	.0817395	.0339587	86.67317	1.218354

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0073693	.0059864	60.66571	.1360605	.1140411	.5005911	184.0140
Stddev	.0002394	.0001801	.33137	.0007590	.0003717	.0083857	1.1708
%RSD	3.248144	3.008719	.5462283	.5578116	.3259029	1.675161	.6362739
#1	.0073674	.0061378	60.86057	.1352582	.1136148	.5087161	184.6775
#2	.0076096	.0057872	60.85348	.1361564	.1142118	.5010904	184.7024
#3	.0071309	.0060343	60.28310	.1367670	.1142968	.4919670	182.6621

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.374254	43.58756	.1928768	.0069546	1.840689	.2923633	1.201683
Stddev	.033196	.39647	.0010245	.0004977	.590327	.0046030	.012868
%RSD	.7589015	.9096047	.5311483	7.156507	32.07098	1.574404	1.070803
#1	4.391603	43.69328	.1930917	.0074455	1.300836	.2871128	1.194534
#2	4.395182	43.92046	.1917619	.0069680	2.471039	.2942736	1.216538
#3	4.335978	43.14895	.1937767	.0064504	1.750191	.2957036	1.193978

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	25.45307	6.746663	-.021604	.0006711	2.885294	9.818978	.0501775
Stddev	.25391	.005232	.004016	.0004922	.003597	.090472	.0006682
%RSD	.9975434	.0775441	18.58789	73.34916	.1246641	.9213969	1.331708
#1	25.49769	6.740677	-.018308	.0003223	2.889446	9.908642	.0504665
#2	25.68170	6.750360	-.026077	.0012342	2.883311	9.820573	.0506525
#3	25.17981	6.748952	-.020428	.0004569	2.883126	9.727720	.0494134

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-20DLX2 Acquired: 12/19/2024 1:47:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.159358	.1418691	.0725912
Stddev	.005988	.0018578	.0030185
%RSD	.5165278	1.309547	4.158260
#1	1.164613	.1424072	.0703566
#2	1.160624	.1433985	.0760251
#3	1.152838	.1398016	.0713919

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2691.959	33544.58	2497.803	2335.942	2128.678
Stddev	5.547	181.99	23.883	15.776	6.682
%RSD	.2060471	.5425214	.9561441	.6753517	.3138938
#1	2698.339	33714.06	2486.895	2352.005	2136.184
#2	2689.259	33352.24	2481.322	2320.470	2123.379
#3	2688.280	33567.43	2525.192	2335.351	2126.470

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-21DLX2 Acquired: 12/19/2024 1:51:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1943907	-.071609	.4308940	.0791952	.0341135	85.79350	1.105275
Stddev	.0018901	.005844	.0030910	.0017716	.0009101	.34874	.000784
%RSD	.9723090	8.161158	.7173486	2.237032	2.667813	.4064913	.0709297
#1	.1941845	-.064933	.4342978	.0796835	.0333179	86.13076	1.105957
#2	.1963754	-.074098	.4282621	.0806715	.0339166	85.43430	1.104419
#3	.1926121	-.075797	.4301220	.0772306	.0351059	85.81544	1.105450

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0072906	.0058227	58.62815	.1166880	.1154038	.3732798	178.4488
Stddev	.0000753	.0000890	.21714	.0059276	.0001327	.0066404	1.1925
%RSD	1.032767	1.529288	.3703712	5.079892	.1149632	1.778925	.6682686
#1	.0072061	.0058030	58.84249	.1206202	.1153569	.3808686	179.2861
#2	.0073506	.0057451	58.40831	.1195737	.1153009	.3704349	177.0834
#3	.0073151	.0059199	58.63366	.1098701	.1155535	.3685358	178.9768

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.058564	43.38449	.1320283	.0072077	1.503305	.2823369	.9444148
Stddev	.016015	.28017	.0002168	.0007993	.101805	.0042893	.0469603
%RSD	.3946017	.6457781	.1642001	11.08871	6.772081	1.519219	4.972419
#1	4.064703	43.51892	.1322688	.0065314	1.611166	.2782863	.9813174
#2	4.040387	43.06244	.1318478	.0070021	1.408893	.2868306	.9603716
#3	4.070601	43.57211	.1319684	.0080897	1.489856	.2818940	.8915555

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.53422	6.771996	-.020084	.0008997	2.651928	8.137161	.0247995
Stddev	.20514	.014995	.002911	.0003668	.002896	.051676	.0006168
%RSD	.8361375	.2214198	14.49247	40.77098	.1092093	.6350624	2.487292
#1	24.73022	6.781486	-.022780	.0004989	2.649961	8.196429	.0249366
#2	24.32102	6.754709	-.020473	.0012188	2.655253	8.101538	.0241257
#3	24.55142	6.779792	-.016998	.0009813	2.650568	8.113515	.0253363

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-21DLX2 Acquired: 12/19/2024 1:51:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.005344	.1202371	.0796766
Stddev	.002706	.0005788	.0032505
%RSD	.2691733	.4814100	4.079565
#1	1.007781	.1195751	.0830396
#2	1.002432	.1204886	.0794384
#3	1.005818	.1206477	.0765518

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2668.146	34237.66	2461.663	2362.255	2112.516
Stddev	1.493	1490.07	16.096	100.570	1.623
%RSD	.0559664	4.352137	.6538687	4.257363	.0768496
#1	2669.865	33299.51	2445.931	2296.395	2114.270
#2	2667.176	33457.64	2478.100	2312.352	2112.211
#3	2667.397	35955.82	2460.957	2478.016	2111.066

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-20LDLX10 Acquired: 12/19/2024 1:55:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0394787	-.017366	.0881129	.0219544	.0061803	18.81534	.2446877
Stddev	.0021724	.003153	.0035376	.0014152	.0013144	.09927	.0019175
%RSD	5.502854	18.15751	4.014823	6.445966	21.26790	.5275991	.7836469
#1	.0369848	-.016169	.0869931	.0235658	.0046759	18.92129	.2463261
#2	.0404913	-.020942	.0852707	.0209134	.0067588	18.80025	.2451582
#3	.0409599	-.014986	.0920749	.0213841	.0071063	18.72448	.2425788

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017423	.0010175	12.88547	.0259818	.0278529	.0784558	39.57456
Stddev	.0001407	.0000709	.04498	.0006966	.0005065	.0029122	.08957
%RSD	8.076997	6.970959	.3491107	2.680964	1.818475	3.711895	.2263256
#1	.0018074	.0010187	12.85068	.0252812	.0276536	.0795301	39.60023
#2	.0018387	.0009460	12.93627	.0266743	.0274764	.0806781	39.64849
#3	.0015809	.0010878	12.86945	.0259899	.0284287	.0751590	39.47496

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9065899	9.583481	.0251557	.0013283	1.424966	.0602305	.2162182
Stddev	.0018688	.065555	.0009727	.0014176	.927467	.0008612	.0085748
%RSD	.2061355	.6840384	3.866923	106.7228	65.08699	1.429882	3.965787
#1	.9081713	9.653007	.0262789	-.000111	1.745811	.0602182	.2180931
#2	.9070708	9.574642	.0245994	.001373	2.149410	.0610979	.2237004
#3	.9045277	9.522794	.0245887	.002723	.379676	.0593755	.2068611

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.622177	1.346376	-.009836	-.000094	.5355909	1.807680	.0034957
Stddev	.095093	.007583	.001662	.000266	.0053903	.010591	.0012134
%RSD	1.691393	.5631801	16.90116	284.4080	1.006428	.5858742	34.71157
#1	5.513380	1.345741	-.011439	-.000146	.5379619	1.815840	.0048710
#2	5.689427	1.339131	-.008120	-.000330	.5294214	1.811489	.0025762
#3	5.663723	1.354256	-.009949	.000195	.5393893	1.795712	.0030399

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-20LDLX10 Acquired: 12/19/2024 1:55:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2181948	.0267819	.0252233
Stddev	.0025734	.0006729	.0004670
%RSD	1.179394	2.512720	1.851384
#1	.2191274	.0271581	.0256715
#2	.2201719	.0260050	.0252589
#3	.2152852	.0271827	.0247396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2465.367	30922.96	2236.547	2133.516	2155.359
Stddev	4.346	236.80	16.015	13.551	5.536
%RSD	.1762954	.7657639	.7160588	.6351539	.2568510
#1	2461.546	30938.22	2218.123	2131.888	2150.843
#2	2470.095	31151.76	2244.378	2147.808	2161.536
#3	2464.460	30678.90	2247.140	2120.852	2153.699

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-22DLX2 Acquired: 12/19/2024 1:59:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2749799	.0199014	.4709356	.2498691	.1983833	89.14202	4.783691
Stddev	.0022727	.0046253	.0011015	.0001982	.0018590	.37368	.024424
%RSD	.8264947	23.24099	.2339051	.0793395	.9370775	.4191998	.5105774
#1	.2732579	.0224265	.4706339	.2497632	.1963089	89.37920	4.792904
#2	.2741259	.0145632	.4721566	.2500978	.1998985	88.71126	4.756000
#3	.2775559	.0227145	.4700164	.2497462	.1989425	89.33559	4.802169

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0999594	.1018889	58.56482	.5008385	1.070970	.7895943	181.2102
Stddev	.0010539	.0003913	.22484	.0030360	.005065	.0042705	.8408
%RSD	1.054301	.3840531	.3839134	.6061879	.4729536	.5408491	.4639754
#1	.1009302	.1019946	58.74719	.4981361	1.071583	.7944343	181.8099
#2	.0988385	.1014556	58.31361	.5041236	1.065626	.7879915	180.2492
#3	.1001094	.1022165	58.63365	.5002557	1.075700	.7863571	181.5716

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.002885	43.67997	1.104791	.0733175	1.764755	1.196441	1.769185
Stddev	.027599	.25102	.002943	.0004466	.188303	.007767	.010207
%RSD	.5516637	.5746748	.2663729	.6090881	10.67019	.6492132	.5769242
#1	5.026854	43.72110	1.106035	.0737185	1.841878	1.201090	1.760774
#2	4.972712	43.41093	1.101431	.0733976	1.550134	1.187474	1.780541
#3	5.009090	43.90788	1.106908	.0728363	1.902253	1.200758	1.766241

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	24.78118	6.779889	-.018931	.0008145	2.673350	8.093765	.0241291
Stddev	.15314	.030565	.001110	.0000236	.009601	.077554	.0016443
%RSD	.6179589	.4508121	5.862941	2.897310	.3591330	.9581995	6.814588
#1	24.94212	6.788633	-.019333	.0008155	2.680036	8.163561	.0260216
#2	24.63728	6.745906	-.017676	.0007904	2.662349	8.010276	.0230507
#3	24.76413	6.805129	-.019784	.0008376	2.677665	8.107459	.0233149

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5172-22DLX2 Acquired: 12/19/2024 1:59:08 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ38S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.014552	.1194147	.0797801
Stddev	.005010	.0004999	.0013461
%RSD	.4937958	.4186386	1.687317
#1	1.018521	.1192874	.0783448
#2	1.008923	.1189908	.0810145
#3	1.016213	.1199660	.0799811

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2669.728	33019.34	2476.478	2288.463	2110.645
Stddev	8.868	329.56	18.694	21.575	8.000
%RSD	.3321785	.9980728	.7548652	.9427875	.3790171
#1	2666.492	33305.63	2458.370	2304.554	2108.952
#2	2679.760	32659.09	2495.708	2263.946	2119.355
#3	2662.933	33093.31	2475.357	2296.890	2103.627

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-20DLX2 Acquired: 12/19/2024 2:02:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1462511	-.171454	.0836076	.1786990	.0792028	167.8454	.1891385
Stddev	.0037941	.003701	.0023541	.0025179	.0023058	.3445	.0005078
%RSD	2.594203	2.158681	2.815643	1.409005	2.911280	.2052484	.2684782
#1	.1419593	-.172133	.0846353	.1813337	.0776301	167.6663	.1886180
#2	.1491588	-.167460	.0809144	.1784465	.0818497	167.6274	.1896325
#3	.1476351	-.174768	.0852732	.1763169	.0781286	168.2426	.1891652

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087881	.0026388	88.68382	.5806432	.2811541	.6853517	379.6754
Stddev	.0001157	.0001420	.06709	.0041898	.0023375	.0092230	1.0658
%RSD	1.316433	5.381238	.0756473	.7215780	.8313853	1.345726	.2807040
#1	.0089213	.0027271	88.65844	.5760301	.2821965	.6912539	379.2338
#2	.0087127	.0027142	88.75989	.5816874	.2827891	.6747236	378.9015
#3	.0087304	.0024750	88.63312	.5842122	.2784768	.6900776	380.8910

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.942380	142.3663	.4083618	.0106540	.8791316	1.125851	.3201290
Stddev	.027932	.2646	.0036302	.0015715	.7202491	.008884	.0170082
%RSD	.3516810	.1858320	.8889717	14.75057	81.92734	.7891358	5.312925
#1	7.930095	142.4154	.4106992	.0119166	1.428552	1.133191	.3113289
#2	7.922696	142.0806	.4102065	.0088940	1.145127	1.128387	.3093238
#3	7.974349	142.6029	.4041796	.0111515	.063716	1.115974	.3397342

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.225058	2.518841	-.089970	-.001453	.3691508	5.263483	.0370635
Stddev	.171922	.028088	.002237	.000294	.0052307	.026863	.0014184
%RSD	5.330829	1.115105	2.486048	20.25014	1.416949	.5103576	3.827005
#1	3.408532	2.536514	-.087413	-.001783	.3640391	5.232488	.0386976
#2	3.067669	2.533557	-.090931	-.001218	.3744929	5.277949	.0363416
#3	3.198972	2.486453	-.091565	-.001358	.3689205	5.280012	.0361512

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-20DLX2 Acquired: 12/19/2024 2:02:55 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.201455	-.229784	.0860912
Stddev	.008138	.000562	.0034622
%RSD	.2542040	.2446406	4.021526
#1	3.205707	-.229332	.0855964
#2	3.192071	-.229608	.0897742
#3	3.206586	-.230414	.0829031

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2561.832	31883.97	2384.272	2207.301	2065.980
Stddev	15.771	47.00	4.973	7.583	14.066
%RSD	.6156042	.1474156	.2085897	.3435512	.6808266
#1	2550.816	31845.50	2390.014	2213.221	2057.720
#2	2554.782	31870.05	2381.442	2198.754	2057.999
#3	2579.898	31936.36	2381.359	2209.928	2082.221

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV065 Acquired: 12/19/2024 2:06:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.772414	4.868901	25.33570	5.168943	5.225270	411.2813	10.50344
Stddev	.011241	.026780	.10644	.010130	.025781	3.3315	.08897
%RSD	.2355319	.5500314	.4201269	.1959849	.4933926	.8100187	.8470560
#1	4.762974	4.839376	25.21391	5.157802	5.195602	407.9667	10.41244
#2	4.784849	4.875700	25.38227	5.177601	5.242237	414.6294	10.59023
#3	4.769421	4.891627	25.41093	5.171424	5.237969	411.2477	10.50765

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5254550	2.540856	416.5522	15.50037	2.537669	15.32626	418.2826
Stddev	.0024227	.008652	3.3143	.01606	.008490	.15178	3.6026
%RSD	.4610568	.3405004	.7956542	.1036299	.3345766	.9903568	.8612731
#1	.5226576	2.531273	413.3833	15.49139	2.528065	15.17959	414.7541
#2	.5268647	2.543201	419.9949	15.49081	2.540767	15.48268	421.9549
#3	.5268426	2.548092	416.2783	15.51892	2.544176	15.31652	418.1388

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.58514	413.8808	2.531327	1.287400	413.1451	2.576142	14.88832
Stddev	.13544	3.3083	.009507	.002274	3.2983	.018075	.06655
%RSD	.8690603	.7993442	.3755666	.1766244	.7983305	.7016226	.4469912
#1	15.45416	410.2230	2.520913	1.286495	410.0082	2.559376	14.85604
#2	15.72465	416.6640	2.533526	1.285718	416.5839	2.595290	14.84407
#3	15.57662	414.7554	2.539541	1.289987	412.8432	2.573761	14.96485

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	154.1571	5.064786	4.945243	4.929646	5.149181	4.860373	5.119070
Stddev	1.6172	.013764	.020609	.023271	.023172	.013923	.017852
%RSD	1.049055	.2717682	.4167469	.4720559	.4500110	.2864623	.3487430
#1	152.4290	5.048898	4.931145	4.902871	5.122587	4.844355	5.100796
#2	155.6340	5.073115	4.968895	4.944995	5.159931	4.867188	5.119945
#3	154.4082	5.072345	4.935688	4.941072	5.165027	4.869576	5.136469

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV065 Acquired: 12/19/2024 2:06:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV065 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.230024	5.005840	5.236727
Stddev	.041214	.046430	.051501
%RSD	.7880233	.9275126	.9834602
#1	5.191490	4.956945	5.182876
#2	5.273476	5.049332	5.285503
#3	5.225107	5.011244	5.241800

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.299	27120.75	2143.855	1778.528	1771.295
Stddev	10.838	83.84	11.903	9.923	8.920
%RSD	.5197375	.3091392	.5552150	.5579542	.5035889
#1	2097.814	27194.78	2157.587	1785.156	1781.315
#2	2079.080	27137.77	2136.481	1783.308	1768.352
#3	2079.003	27029.71	2137.497	1767.119	1764.218

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB065 Acquired: 12/19/2024 2:10:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0022385	.0020438	.0030703	.0047747	-.001316	.0024333
Stddev	.0044809	.0017336	.0031191	.0014992	.002362	.0275411
%RSD	200.1734	84.82007	101.5918	31.39992	179.4679	1131.829
#1	-.000983	.0029528	.0047649	.0057387	.000366	.0100692
#2	.000343	.0000448	-.000529	.0055379	-.000298	-.028120
#3	.007356	.0031338	.004975	.0030474	-.004017	.025351

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000722	-.000116	-.000101	.0182794	.0004401	-.000075
Stddev	.001552	.000145	.000090	.0737597	.0002316	.000146
%RSD	214.9925	124.6392	89.36165	403.5119	52.61891	193.9818
#1	-.002395	-.000213	-.000080	-.057342	.0007013	-.000111
#2	.000670	-.000187	-.000200	.090024	.0002599	.000085
#3	-.000440	.000050	-.000023	.022156	.0003592	-.000201

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0011084	.0258828	.0035337	.0022976	-.000290	.0003090
Stddev	.0078135	.0335270	.0006110	.0138809	.000276	.0007027
%RSD	704.9429	129.5338	17.29072	604.1588	95.22906	227.4248
#1	-.004389	-.012779	.0029933	.0158471	-.000473	-.000065
#2	-.002339	.043475	.0034110	.0029380	-.000423	.001120
#3	.010053	.046952	.0041967	-.011892	.000028	-.000128

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9003473	.0050808	.0125024	.6262005	-.001793	.0118127
Stddev	.4595233	.0075051	.0054520	.1775405	.002492	.0024835
%RSD	51.03846	147.7149	43.60751	28.35202	138.9610	21.02431
#1	1.274902	.0107565	.0063337	.8048715	-.001065	.0140041
#2	1.038560	.0079146	.0144985	.4498126	-.004568	.0091150
#3	.387581	-.003429	.0166751	.6239174	.000253	.0123189

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB065 Acquired: 12/19/2024 2:10:21 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB065 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002658	.0025893	-.002248	-.000206	-.004241	.0002200
Stddev	.0002798	.0031589	.000549	.001172	.003424	.0001539
%RSD	105.2431	122.0020	24.43209	570.0381	80.72539	69.94453
#1	.0005406	.0053720	-.002351	-.001332	-.002751	.0001146
#2	.0002757	-.000844	-.002739	-.000291	-.008158	.0001488
#3	-.000019	.003240	-.001655	.001007	-.001815	.0003966

Elem	Li6707
Units	ppm
Avg	F .0218902
Stddev	.0016999
%RSD	7.765692
#1	.0230418
#2	.0199377
#3	.0226909

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2441.884	30635.15	2211.129	2118.008	2197.933
Stddev	2.247	299.52	3.764	15.811	2.373
%RSD	.0920039	.9776964	.1702307	.7464949	.1079473
#1	2440.436	30469.42	2209.196	2114.755	2195.797
#2	2440.744	30455.12	2208.724	2104.076	2197.515
#3	2444.472	30980.90	2215.467	2135.192	2200.487

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-21DLX2 Acquired: 12/19/2024 2:14:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1484552	-.167680	.0842858	.1821597	.0808251	166.5051	.1867434
Stddev	.0092955	.001582	.0033250	.0040514	.0013085	.2599	.0004599
%RSD	6.261505	.9433641	3.944885	2.224098	1.618941	.1560828	.2462765
#1	.1455635	-.168534	.0881042	.1783995	.0818118	166.5301	.1866774
#2	.1588529	-.168650	.0820295	.1816294	.0813228	166.7515	.1872327
#3	.1409492	-.165854	.0827238	.1864501	.0793408	166.2336	.1863200

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0087048	.0026381	88.05761	.5750286	.2810058	.6828133	377.4292
Stddev	.0000312	.0000365	.20082	.0019712	.0006669	.0044037	.6080
%RSD	.3579299	1.382708	.2280583	.3428054	.2373300	.6449293	.1611009
#1	.0087046	.0025982	87.88991	.5760358	.2805924	.6878859	376.8983
#2	.0087361	.0026465	88.28016	.5762928	.2817751	.6799709	378.0925
#3	.0086737	.0026697	88.00278	.5727573	.2806497	.6805832	377.2968

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.893700	141.4569	.4073616	.0117896	1.446521	1.109958	.3206219
Stddev	.013199	.4301	.0022740	.0007965	.364917	.008519	.0055437
%RSD	.1672070	.3040663	.5582272	6.755600	25.22724	.7674701	1.729039
#1	7.889588	141.3082	.4074389	.0108700	1.597749	1.101841	.3154021
#2	7.908465	141.9417	.4095959	.0122428	1.030301	1.118828	.3264408
#3	7.883046	141.1209	.4050499	.0122560	1.711513	1.109206	.3200229

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.110290	2.510752	-.097334	-.001263	.3632569	5.207088	.0347195
Stddev	.100532	.018703	.004195	.000463	.0031335	.016687	.0002662
%RSD	3.232239	.7449323	4.310057	36.67462	.8626023	.3204728	.7666143
#1	3.192091	2.504520	-.094263	-.001430	.3658979	5.187874	.0346847
#2	3.140721	2.531776	-.102114	-.000739	.3640783	5.215444	.0344725
#3	2.998058	2.495960	-.095625	-.001619	.3597946	5.217947	.0350014

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-21DLX2 Acquired: 12/19/2024 2:14:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.188304	-.227838	.0879697
Stddev	.014494	.000517	.0024819
%RSD	.4546065	.2268331	2.821316
#1	3.187597	-.227384	.0851156
#2	3.203139	-.227729	.0896215
#3	3.174176	-.228400	.0891720

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2592.553	32389.09	2418.787	2242.396	2086.045
Stddev	8.687	87.56	6.178	8.053	6.365
%RSD	.3350601	.2703262	.2554252	.3591284	.3051444
#1	2592.132	32289.34	2424.282	2240.450	2084.751
#2	2584.084	32424.66	2419.978	2251.243	2080.425
#3	2601.442	32453.26	2412.099	2235.493	2092.957

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-20LDLX10 Acquired: 12/19/2024 2:18:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0275575	-.033620	.0186254	.0365364	.0143647	34.51000	.0392191
Stddev	.0028807	.002627	.0008832	.0020457	.0007319	.22808	.0003854
%RSD	10.45351	7.813616	4.741944	5.598939	5.094767	.6609180	.9827350
#1	.0243814	-.035434	.0181274	.0342134	.0148163	34.26605	.0394317
#2	.0300017	-.030607	.0181036	.0373272	.0135204	34.54600	.0387742
#3	.0282893	-.034819	.0196451	.0380685	.0147576	34.71793	.0394514

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0017812	.0003018	18.46080	.1215368	.0614444	.1411211	79.73796
Stddev	.0000726	.0000854	.09672	.0009658	.0004812	.0064067	.66549
%RSD	4.072862	28.29335	.5239230	.7946163	.7830918	4.539838	.8345948
#1	.0017110	.0003063	18.38494	.1221688	.0618678	.1456824	78.96952
#2	.0017767	.0002142	18.42774	.1220165	.0615441	.1337965	80.12051
#3	.0018559	.0003848	18.56971	.1204251	.0609211	.1438843	80.12385

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.668030	29.65271	.0799425	.0021572	1.098293	.2383740	.0789944
Stddev	.013197	.33265	.0001203	.0006195	.552075	.0093659	.0058119
%RSD	.7911598	1.121820	.1505055	28.71841	50.26665	3.929061	7.357412
#1	1.653623	29.26907	.0798188	.0020101	1.652264	.2279982	.0841572
#2	1.670934	29.82814	.0799495	.0028370	.548134	.2409205	.0726998
#3	1.679533	29.86093	.0800591	.0016245	1.094480	.2462032	.0801262

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9136705	.4780307	-.021903	-.000262	.0711810	1.107993	.0068697
Stddev	.0824201	.0038130	.002848	.000287	.0014644	.010557	.0017628
%RSD	9.020771	.7976541	13.00439	109.4232	2.057247	.9527637	25.65976
#1	.8712131	.4823461	-.024805	-.000088	.0704833	1.096468	.0052705
#2	1.008663	.4766297	-.021793	-.000594	.0728638	1.117195	.0087598
#3	.861135	.4751164	-.019111	-.000105	.0701960	1.110317	.0065788

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-20LDLX10 Acquired: 12/19/2024 2:18:10 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.6590582	-.048477	.0307574
Stddev	.0077145	.000808	.0032603
%RSD	1.170533	1.666840	10.60015
#1	.6502136	-.047565	.0342160
#2	.6643992	-.048762	.0303159
#3	.6625617	-.049104	.0277403

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2501.922	31306.32	2285.937	2155.938	2183.317
Stddev	8.480	245.30	16.362	19.861	11.428
%RSD	.3389380	.7835478	.7157875	.9212238	.5234048
#1	2492.131	31024.39	2304.588	2133.020	2170.135
#2	2506.733	31470.94	2279.228	2166.650	2189.397
#3	2506.903	31423.64	2273.996	2168.143	2190.419

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-22DLX2 Acquired: 12/19/2024 2:22:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2239750	-.077986	.1215009	.3622287	.2545624	172.1796	4.138493
Stddev	.0072192	.000672	.0016135	.0119402	.0026102	7.8370	.190608
%RSD	3.223230	.8620921	1.327983	3.296310	1.025382	4.551653	4.605725
#1	.2211133	-.078164	.1205488	.3518036	.2517171	167.8208	4.024969
#2	.2186254	-.078551	.1205899	.3596275	.2568461	167.4909	4.031958
#3	.2321864	-.077242	.1233639	.3752551	.2551240	181.2270	4.358550

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1074005	.0992904	88.61327	.9501330	1.229262	1.149499	380.5782
Stddev	.0046769	.0006829	4.04758	.0041446	.006233	.047791	17.2041
%RSD	4.354678	.6878237	4.567696	.4362101	.5070779	4.157546	4.520519
#1	.1049747	.0992370	86.38806	.9537057	1.227257	1.130669	370.5056
#2	.1044347	.0999984	86.16648	.9511043	1.236251	1.113991	370.7858
#3	.1127919	.0986357	93.28527	.9455891	1.224277	1.203837	400.4431

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	8.886246	142.1664	1.364685	.0811859	1.303160	2.103891	1.149427
Stddev	.404952	6.4319	.005594	.0024823	.388122	.093084	.011680
%RSD	4.557068	4.524174	.4098853	3.057571	29.78318	4.424355	1.016183
#1	8.654327	138.5107	1.361630	.0788228	1.130762	2.041577	1.153012
#2	8.650571	138.3956	1.371141	.0809625	1.031101	2.059204	1.158895
#3	9.353840	149.5930	1.361284	.0837723	1.747616	2.210892	1.136375

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.410467	2.450761	-.080382	-.001733	.3623532	5.229641	.0349279
Stddev	.274192	.012286	.001519	.000175	.0102620	.224687	.0032331
%RSD	8.039729	.5013074	1.889840	10.08462	2.832038	4.296412	9.256543
#1	3.181248	2.447610	-.079446	-.001912	.3509978	5.118250	.0311957
#2	3.335934	2.464316	-.082135	-.001724	.3709633	5.082414	.0367137
#3	3.714220	2.440358	-.079566	-.001563	.3650985	5.488261	.0368742

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5179-22DLX2 Acquired: 12/19/2024 2:22:06 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZA8S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	3.192709	-.231602	.0889131
Stddev	.146163	.010789	.0038999
%RSD	4.578040	4.658386	4.386217
#1	3.104245	-.224868	.0865184
#2	3.112465	-.225892	.0868077
#3	3.361417	-.244046	.0934133

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2511.440	31581.90	2310.043	2167.618	2038.161
Stddev	6.965	18.91	95.144	5.261	6.732
%RSD	.2773459	.0598835	4.118694	.2427131	.3302876
#1	2517.169	31580.54	2359.385	2173.633	2041.991
#2	2503.686	31563.71	2370.381	2165.352	2030.389
#3	2513.464	31601.46	2200.365	2163.870	2042.105

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-20DLX2 Acquired: 12/19/2024 2:25:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1838375	-.093401	.1295635	.1051496	.0433471	92.28490	.7157571
Stddev	.0054048	.002627	.0019859	.0028680	.0013773	.06970	.0022187
%RSD	2.939977	2.812242	1.532773	2.727532	3.177324	.0755243	.3099835
#1	.1859741	-.096311	.1273697	.1032021	.0441283	92.36283	.7177277
#2	.1776911	-.092685	.1312386	.1038036	.0441562	92.26335	.7133540
#3	.1878474	-.091206	.1300821	.1084430	.0417569	92.22853	.7161898

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080699	.0021602	76.52987	.1110158	.1402097	.1960837	231.6303
Stddev	.0001180	.0001146	.25273	.0008723	.0005241	.0052420	.6467
%RSD	1.462553	5.306523	.3302416	.7857686	.3738095	2.673371	.2791734
#1	.0079500	.0020282	76.27271	.1112839	.1398425	.2013620	232.3293
#2	.0081859	.0022176	76.77793	.1100408	.1408100	.1908787	231.0534
#3	.0080738	.0022348	76.53897	.1117225	.1399768	.1960104	231.5084

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.284023	44.84502	.1317249	.0067852	1.285849	.4323190	.3586719
Stddev	.006978	.18556	.0005935	.0005144	.360877	.0019679	.0087457
%RSD	.1628760	.4137881	.4505409	7.580941	28.06525	.4551859	2.438357
#1	4.277253	45.05872	.1311045	.0062209	.893456	.4300609	.3541013
#2	4.291191	44.75178	.1322872	.0069068	1.360584	.4336672	.3531586
#3	4.283625	44.72457	.1317829	.0072279	1.603507	.4332290	.3687559

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.95159	6.700095	-.045228	.0006862	1.090091	5.690740	.0211503
Stddev	.08632	.021837	.004128	.0005280	.002976	.058129	.0012758
%RSD	.7881627	.3259261	9.127209	76.94423	.2730229	1.021460	6.031946
#1	10.89160	6.675741	-.048647	.0006488	1.088299	5.741239	.0209625
#2	11.05051	6.717931	-.046395	.0001779	1.093526	5.703784	.0225096
#3	10.91264	6.706615	-.040642	.0012319	1.088447	5.627198	.0199789

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-20DLX2 Acquired: 12/19/2024 2:25:53 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.182721	-.076600	.0722418
Stddev	.004559	.000533	.0051422
%RSD	.3854739	.6957549	7.118048
#1	1.187642	-.076219	.0771639
#2	1.181880	-.076371	.0726568
#3	1.178640	-.077209	.0669047

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2638.028	33024.34	2429.463	2284.411	2102.598
Stddev	.880	102.66	14.209	13.139	2.702
%RSD	.0333747	.3108566	.5848676	.5751653	.1285284
#1	2637.042	33133.15	2424.992	2293.562	2105.517
#2	2638.735	33010.67	2418.028	2290.315	2100.184
#3	2638.307	32929.20	2445.370	2269.355	2102.094

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-21DLX2 Acquired: 12/19/2024 2:29:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1916603	-.100227	.1256806	.1068089	.0432870	93.36165	.7247624
Stddev	.0058953	.002650	.0018516	.0054157	.0026972	.41305	.0052143
%RSD	3.075887	2.644052	1.473231	5.070481	6.230965	.4424172	.7194453
#1	.1961425	-.103180	.1263863	.1039953	.0462015	93.53359	.7295126
#2	.1849823	-.098056	.1270756	.1130523	.0408789	93.66096	.7255911
#3	.1938562	-.099445	.1235800	.1033791	.0427806	92.89041	.7191834

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0081663	.0021729	77.85965	.1124812	.1418369	.1978860	234.6078
Stddev	.0000848	.0001179	.30444	.0001888	.0024098	.0064166	1.3529
%RSD	1.038106	5.426346	.3910066	.1678339	1.698986	3.242576	.5766436
#1	.0082497	.0021873	78.16757	.1123751	.1427134	.2032337	235.2164
#2	.0081690	.0022830	77.85258	.1123694	.1436858	.1996534	235.5495
#3	.0080802	.0020485	77.55882	.1126992	.1391115	.1907710	233.0575

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.327627	45.36614	.1330898	.0063514	1.893890	.4293487	.3762625
Stddev	.024155	.28087	.0014483	.0003481	.679973	.0037160	.0087603
%RSD	.5581531	.6191096	1.088224	5.481002	35.90355	.8655020	2.328242
#1	4.326711	45.47714	.1338967	.0067288	2.662162	.4327538	.3711394
#2	4.352226	45.57455	.1339550	.0060429	1.650045	.4253850	.3712703
#3	4.303943	45.04674	.1314178	.0062825	1.369461	.4299072	.3863777

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	11.02657	6.800488	-.048368	.0011889	1.114883	5.745895	.0230436
Stddev	.18159	.062910	.003980	.0003244	.011554	.064583	.0018625
%RSD	1.646862	.9250855	8.228958	27.28292	1.036347	1.123990	8.082531
#1	11.22635	6.796601	-.049562	.0015226	1.110701	5.767596	.0234780
#2	10.98184	6.865252	-.043928	.0008748	1.127946	5.796834	.0210023
#3	10.87153	6.739612	-.051616	.0011694	1.106003	5.673257	.0246506

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-21DLX2 Acquired: 12/19/2024 2:29:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.190291	-.077619	.0690049
Stddev	.008756	.000982	.0022773
%RSD	.7355899	1.265438	3.300151
#1	1.192950	-.078289	.0709018
#2	1.197409	-.078077	.0664794
#3	1.180514	-.076491	.0696337

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2657.632	33048.43	2452.043	2286.538	2112.743
Stddev	31.475	79.61	24.058	12.253	24.978
%RSD	1.184312	.2408789	.9811518	.5358552	1.182264
#1	2651.982	33134.22	2449.232	2300.643	2109.486
#2	2629.364	33034.13	2429.514	2278.537	2089.553
#3	2691.548	32976.95	2477.383	2280.432	2139.189

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-20LDLX10 Acquired: 12/19/2024 2:33:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0361045	-.018476	.0277515	.0256389	.0068405	20.50548	.1595782
Stddev	.0005383	.000579	.0017331	.0020255	.0017854	.01225	.0022521
%RSD	1.490944	3.133296	6.245113	7.900249	26.10111	.0597624	1.411275
#1	.0366681	-.017826	.0297143	.0239448	.0082486	20.50442	.1598091
#2	.0355956	-.018936	.0271077	.0278825	.0074404	20.51823	.1617060
#3	.0360499	-.018666	.0264323	.0250894	.0048323	20.49379	.1572196

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016290	.0002070	17.29241	.0250006	.0356157	.0465786	52.12037
Stddev	.0001193	.0000461	.07354	.0005946	.0004689	.0037691	.08226
%RSD	7.324975	22.28336	.4252959	2.378302	1.316537	8.091884	.1578310
#1	.0017596	.0001625	17.37451	.0244078	.0358767	.0443067	52.12582
#2	.0016017	.0002546	17.27014	.0249972	.0350744	.0509294	52.03551
#3	.0015257	.0002037	17.23257	.0255969	.0358960	.0444999	52.19977

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9670242	10.06241	.0262770	.0010613	.4828093	.1001187	.0829277
Stddev	.0016833	.11829	.0003143	.0001074	.2611078	.0041689	.0179957
%RSD	.1740717	1.175529	1.195960	10.11939	54.08095	4.163914	21.70044
#1	.9689358	10.19865	.0260606	.0010209	.7811493	.0994637	.1033422
#2	.9657639	9.98597	.0266374	.0011830	.3713521	.0963161	.0760790
#3	.9663728	10.00259	.0261329	.0009799	.2959265	.1045763	.0693618

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.705046	1.373667	-.016571	.0001666	.2265345	1.310312	.0033179
Stddev	.081172	.005309	.001074	.0003662	.0047913	.013040	.0022740
%RSD	3.000747	.3865122	6.479616	219.8362	2.115061	.9951946	68.53706
#1	2.626879	1.375933	-.017501	.0004958	.2315085	1.324972	.0014103
#2	2.699338	1.367601	-.016816	-.000228	.2261454	1.300005	.0058344
#3	2.788920	1.377468	-.015396	.000232	.2219495	1.305957	.0027091

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-20LDLX10 Acquired: 12/19/2024 2:33:35 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2609227	-.017327	.0289073
Stddev	.0022542	.000388	.0035546
%RSD	.8639196	2.237157	12.29652
#1	.2630643	-.017384	.0319332
#2	.2611330	-.016914	.0249927
#3	.2585707	-.017683	.0297960

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.969	31106.66	2250.828	2148.909	2163.260
Stddev	3.433	59.78	9.248	3.930	4.237
%RSD	.1383756	.1921624	.4108630	.1829056	.1958836
#1	2478.184	31140.58	2242.771	2146.218	2158.628
#2	2479.919	31141.75	2260.926	2147.089	2166.941
#3	2484.804	31037.64	2248.788	2153.420	2164.212

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-22DLX2 Acquired: 12/19/2024 2:37:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2663968	-.006435	.1616283	.2712653	.2075046	93.61410	4.344330
Stddev	.0028443	.006689	.0042927	.0040727	.0034766	.40920	.016105
%RSD	1.067695	103.9363	2.655885	1.501364	1.675409	.4371133	.3707049
#1	.2642154	-.002123	.1595737	.2743230	.2091248	93.91438	4.361879
#2	.2696138	-.014141	.1665621	.2666422	.2098753	93.77990	4.340881
#3	.2653610	-.003042	.1587491	.2728307	.2035136	93.14802	4.330229

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0998711	.0983255	75.53026	.4812481	1.086102	.6186173	228.7692
Stddev	.0008437	.0012817	.43880	.0008292	.013240	.0044401	1.2060
%RSD	.8448271	1.303517	.5809630	.1723051	1.219005	.7177421	.5271815
#1	.1002982	.0968765	75.87308	.4807773	1.070941	.6153921	230.1102
#2	.1004160	.0987894	75.68196	.4822055	1.091978	.6236814	228.4242
#3	.0988992	.0993107	75.03574	.4807614	1.095386	.6167785	227.7733

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.097696	43.98540	1.091023	.0744860	1.240892	1.322588	1.149329
Stddev	.026512	.30734	.013196	.0006393	.276483	.000775	.015689
%RSD	.5200737	.6987395	1.209544	.8582866	22.28100	.0586333	1.365067
#1	5.126437	44.28633	1.075930	.0751601	.949390	1.322612	1.136286
#2	5.092455	43.99785	1.096757	.0738883	1.273893	1.323351	1.144963
#3	5.074196	43.67202	1.100383	.0744097	1.499394	1.321801	1.166739

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	10.63990	6.708464	-.049411	.0007542	1.089622	5.614832	.0204731
Stddev	.29099	.074308	.004172	.0000530	.015167	.066946	.0017121
%RSD	2.734937	1.107679	8.444448	7.031078	1.391916	1.192312	8.362547
#1	10.97402	6.624823	-.054219	.0008070	1.073337	5.676190	.0224470
#2	10.44200	6.733706	-.046733	.0007009	1.092187	5.624874	.0195810
#3	10.50369	6.766864	-.047281	.0007547	1.103343	5.543432	.0193913

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5177-22DLX2 Acquired: 12/19/2024 2:37:33 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYD021S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.152591	-.076542	.0656382
Stddev	.006031	.000904	.0026788
%RSD	.5232819	1.180927	4.081202
#1	1.157511	-.077585	.0671789
#2	1.154400	-.076065	.0671909
#3	1.145863	-.075977	.0625450

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2672.658	33557.02	2496.019	2319.091	2127.809
Stddev	30.464	85.98	23.450	10.288	27.573
%RSD	1.139839	.2562238	.9394809	.4436214	1.295862
#1	2706.380	33581.37	2476.228	2315.487	2157.869
#2	2664.467	33461.49	2489.912	2311.089	2121.868
#3	2647.127	33628.20	2521.918	2330.696	2103.691

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5178-21DLX2 Acquired: 12/19/2024 2:41:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ88D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0832641	-.048622	.0757660	.0583901	.0193132	70.94128	.8694557
Stddev	.0075487	.002472	.0021140	.0025199	.0029572	3.65975	.0461649
%RSD	9.066007	5.084334	2.790179	4.315609	15.31183	5.158837	5.309631
#1	.0754047	-.045920	.0744584	.0556007	.0177397	66.86844	.8175667
#2	.0904581	-.050771	.0746348	.0605020	.0174753	73.95379	.9059759
#3	.0839297	-.049173	.0782050	.0590675	.0227244	72.00160	.8848246

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0058004	.0012092	75.22836	.1100248	.1071166	.1187908	135.9798
Stddev	.0002224	.0001272	3.85258	.0009548	.0007653	.0010138	7.0482
%RSD	3.833285	10.52032	5.121187	.8677679	.7144349	.8534640	5.183283
#1	.0055438	.0013532	71.00824	.1109505	.1079433	.1193624	128.2036
#2	.0059361	.0011120	78.55718	.1090434	.1064328	.1193898	141.9475
#3	.0059213	.0011624	76.11966	.1100804	.1069739	.1176203	137.7884

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.768408	40.99554	.1156540	.0039515	1.514605	.2267276	.2859374
Stddev	.199788	2.09152	.0009281	.0012405	.373238	.0146358	.0024673
%RSD	5.301644	5.101817	.8024688	31.39169	24.64263	6.455231	.8628711
#1	3.548003	38.66442	.1165956	.0027078	1.777360	.2098794	.2847023
#2	3.937613	42.70777	.1147400	.0051887	1.679076	.2340077	.2843317
#3	3.819607	41.61445	.1156265	.0039581	1.087378	.2362958	.2887784

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.608092	4.966312	-.028777	.0002647	.1699698	7.018306	.0136670
Stddev	.545243	.049333	.004482	.0001772	.0042439	.231136	.0005395
%RSD	8.251138	.9933613	15.57351	66.95058	2.496864	3.293334	3.947142
#1	5.998721	4.997929	-.033947	.0004532	.1728440	6.760572	.0131953
#2	7.049854	4.909466	-.026369	.0001014	.1719701	7.207204	.0142552
#3	6.775702	4.991542	-.026014	.0002395	.1650954	7.087142	.0135506

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5178-21DLX2 Acquired: 12/19/2024 2:41:22 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ88D Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4663796	.2517281	.0700263
Stddev	.0249836	.0134589	.0060559
%RSD	5.356923	5.346605	8.647982
#1	.4381996	.2365985	.0634688
#2	.4858169	.2623694	.0754080
#3	.4751225	.2562162	.0712022

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2637.027	32839.53	2468.092	2280.906	2124.973
Stddev	16.658	94.57	98.066	18.634	13.913
%RSD	.6317094	.2879885	3.973350	.8169433	.6547286
#1	2620.966	32914.02	2576.987	2301.092	2113.465
#2	2654.224	32733.13	2386.749	2264.362	2140.435
#3	2635.891	32871.45	2440.539	2277.263	2121.017

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5178-20LDLX10 Acquired: 12/19/2024 2:45:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ88L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0164102	-.010089	.0147155	.0143698	.0012125	15.84063	.1948054
Stddev	.0030054	.002642	.0010846	.0015866	.0005618	.15372	.0024014
%RSD	18.31429	26.19063	7.370674	11.04109	46.33438	.9704194	1.232690
#1	.0160182	-.007371	.0143765	.0159989	.0014474	15.70778	.1922079
#2	.0136200	-.012648	.0138408	.0128295	.0016187	15.80510	.1969446
#3	.0195924	-.010248	.0159291	.0142808	.0005714	16.00900	.1952636

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0012130	.0001890	16.90886	.0239640	.0282191	.0266083	30.62908
Stddev	.0000628	.0000747	.07719	.0005839	.0003337	.0016156	.26533
%RSD	5.174355	39.50307	.4564962	2.436769	1.182564	6.071966	.8662613
#1	.0011699	.0002001	16.87977	.0239939	.0279389	.0284623	30.32323
#2	.0011841	.0002576	16.85044	.0245324	.0281303	.0258610	30.79760
#3	.0012850	.0001095	16.99636	.0233657	.0285883	.0255015	30.76641

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8540782	9.257281	.0230871	.0005489	.3755428	.0521513	.0657891
Stddev	.0057479	.174644	.0002835	.0006845	.4221184	.0077130	.0086929
%RSD	.6729966	1.886558	1.227822	124.7018	112.4022	14.78972	13.21331
#1	.8475130	9.069629	.0228770	.0008838	.8474845	.0586598	.0619673
#2	.8565173	9.287149	.0234095	-.000239	.0340388	.0541621	.0596619
#3	.8582044	9.415064	.0229749	.001001	.2451051	.0436320	.0757382

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.798818	1.005671	-.009120	-.000348	.0387115	1.658997	.0021076
Stddev	.087456	.002627	.001410	.000277	.0034358	.013868	.0000811
%RSD	4.861882	.2611857	15.46450	79.75324	8.875539	.8359152	3.846813
#1	1.718629	1.002784	-.008011	-.000421	.0418931	1.646791	.0020199
#2	1.892072	1.007919	-.010708	-.000041	.0391733	1.656122	.0021799
#3	1.785753	1.006309	-.008642	-.000581	.0350681	1.674076	.0021228

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5178-20LDLX10 Acquired: 12/19/2024 2:45:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ88L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.0982581	.0562864	.0248050
Stddev	.0061386	.0008012	.0014510
%RSD	6.247383	1.423497	5.849656
#1	.0913722	.0554236	.0243642
#2	.1002449	.0564285	.0264254
#3	.1031572	.0570070	.0236256

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2480.594	31057.00	2238.311	2146.649	2166.893
Stddev	9.157	197.86	10.590	3.975	10.058
%RSD	.3691285	.6370909	.4731429	.1851569	.4641471
#1	2491.099	30925.32	2246.321	2146.958	2178.502
#2	2474.309	30961.14	2226.303	2142.529	2161.371
#3	2476.373	31284.53	2242.307	2150.461	2160.806

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5178-22DLX2 Acquired: 12/19/2024 2:49:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ88S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1650633	.0420157	.1162553	.2340002	.1994300	76.52845	4.866844
Stddev	.0072186	.0003841	.0038788	.0046557	.0025449	.51924	.039402
%RSD	4.373212	.9140979	3.336467	1.989596	1.276066	.6784991	.8096001
#1	.1643084	.0415823	.1206063	.2383627	.1969665	76.12740	4.850923
#2	.1726296	.0421511	.1131595	.2290983	.2020491	76.34299	4.837894
#3	.1582518	.0423138	.1150000	.2345395	.1992742	77.11496	4.911715

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1060090	.1019492	77.28071	.5060647	1.096977	.5860376	142.2272
Stddev	.0009249	.0003392	.64664	.0023232	.002197	.0059956	1.0850
%RSD	.8724658	.3326919	.8367368	.4590685	.2002982	1.023073	.7628399
#1	.1061190	.1020959	76.77459	.5051107	1.099149	.5843386	141.6763
#2	.1050340	.1021904	77.05834	.5043704	1.097026	.5810749	141.5283
#3	.1068739	.1015614	78.00918	.5087130	1.094756	.5926993	143.4771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.866132	42.11102	1.123969	.0764259	1.168088	1.212309	1.119548
Stddev	.039367	.33533	.002332	.0006096	.635939	.022995	.007711
%RSD	.8090045	.7963093	.2075096	.7976039	54.44276	1.896777	.6887612
#1	4.850190	41.97894	1.124029	.0758543	.670479	1.209051	1.122241
#2	4.837236	41.86183	1.126271	.0763560	1.884554	1.191116	1.125551
#3	4.910970	42.49228	1.121607	.0770674	.949231	1.236759	1.110852

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.949243	4.994574	-.032064	.0002324	.1715441	7.167113	.0132631
Stddev	.132452	.006463	.002412	.0005518	.0011504	.061214	.0012703
%RSD	1.905989	.1293931	7.522995	237.4027	.6706190	.8540963	9.577422
#1	7.085932	4.999496	-.030366	.0006007	.1710048	7.183268	.0127002
#2	6.821481	4.996971	-.031001	.0004984	.1728651	7.099441	.0123715
#3	6.940314	4.987255	-.034825	-.000402	.1707624	7.218629	.0147175

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5178-22DLX2 Acquired: 12/19/2024 2:49:12 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MYCZ88S Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.4764482	.2575807	.0707755
Stddev	.0057487	.0009846	.0032853
%RSD	1.206563	.3822438	4.641841
#1	.4791472	.2573103	.0690130
#2	.4698467	.2567595	.0745659
#3	.4803506	.2586722	.0687475

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2640.241	32923.98	2417.329	2282.719	2130.121
Stddev	2.525	212.69	17.965	10.413	1.471
%RSD	.0956199	.6459983	.7431925	.4561578	.0690474
#1	2637.453	33109.96	2424.624	2286.613	2128.472
#2	2642.372	32969.88	2430.499	2290.624	2130.593
#3	2640.899	32692.08	2396.864	2270.921	2131.297

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4941-19A Acquired: 12/19/2024 2:53:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0678366	-.048676	.6767142	.1204062	.0231110	84.97779	.9777828
Stddev	.0027310	.003476	.0008418	.0049004	.0015992	.68562	.0088745
%RSD	4.025844	7.140889	.1243879	4.069854	6.919709	.8068224	.9076164
#1	.0677622	-.048194	.6769872	.1203334	.0220412	84.26270	.9686189
#2	.0651436	-.052368	.6773856	.1155426	.0249494	85.04113	.9783932
#3	.0706041	-.045467	.6757699	.1253425	.0223424	85.62955	.9863364

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0086434	.0072476	588.4041	.1362008	.1261878	.2025461	183.2990
Stddev	.0000401	.0001411	3.9451	.0014502	.0009479	.0026423	1.4523
%RSD	.4642057	1.947150	.6704728	1.064785	.7511908	1.304551	.7923316
#1	.0086373	.0070989	584.8167	.1362076	.1251131	.2055903	181.7245
#2	.0086862	.0072640	587.7663	.1376477	.1269048	.2008471	183.5865
#3	.0086067	.0073797	592.6292	.1347472	.1265455	.2012008	184.5862

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.344720	244.2595	.2428445	.0076211	1.324327	.1774026	3.707011
Stddev	.053562	2.1358	.0015906	.0013105	.809318	.0095943	.027952
%RSD	1.002156	.8743946	.6549934	17.19616	61.11164	5.408208	.7540378
#1	5.289253	241.9156	.2410940	.0076818	1.208677	.1786692	3.736275
#2	5.348759	244.7673	.2442014	.0062812	2.185249	.1672379	3.680587
#3	5.396149	246.0957	.2432381	.0089002	.579056	.1863007	3.704171

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	13.54272	7.164670	.0354090	.0085474	9.700817	12.68364	.0410146
Stddev	.03055	.030743	.0013274	.0006980	.042470	.07604	.0019214
%RSD	.2255915	.4290982	3.748655	8.166457	.4378018	.5995463	4.684752
#1	13.50932	7.147513	.0343948	.0080385	9.669117	12.60581	.0392275
#2	13.56925	7.146335	.0369113	.0082605	9.684262	12.68736	.0407694
#3	13.54960	7.200163	.0349209	.0093431	9.749072	12.75776	.0430468

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4941-19A Acquired: 12/19/2024 2:53:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF7A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8904637	.5728738	.1491102
Stddev	.0079919	.0047448	.0022020
%RSD	.8974969	.8282506	1.476731
#1	.8812709	.5680483	.1490716
#2	.8957604	.5730393	.1469277
#3	.8943596	.5775337	.1513311

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2505.735	31549.90	2407.451	2162.813	1866.161
Stddev	12.673	197.77	7.309	14.043	9.396
%RSD	.5057542	.6268543	.3036113	.6492870	.5035191
#1	2516.497	31335.34	2413.132	2146.642	1873.964
#2	2508.942	31589.48	2410.016	2171.935	1868.789
#3	2491.767	31724.89	2399.205	2169.862	1855.730

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4978-01A Acquired: 12/19/2024 2:56:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0262039	.0051545	.2988566	.0591829	-.001123	28.73475
Stddev	.0030451	.0039711	.0064050	.0067752	.002375	.15243
%RSD	11.62076	77.04134	2.143160	11.44786	211.3781	.5304858
#1	.0281573	.0096003	.2915053	.0514120	.001202	28.57413
#2	.0226952	.0019590	.3018306	.0622855	-.003545	28.87741
#3	.0277591	.0039042	.3032338	.0638513	-.001027	28.75270

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2304272	.0030836	.0053205	F 1289.015	.0788917	.0909312
Stddev	.0010723	.0000514	.0001912	10.612	.0025755	.0010185
%RSD	.4653560	1.668002	3.593935	.8232992	3.264618	1.120075
#1	.2291897	.0030546	.0051004	1277.527	.0803819	.0897737
#2	.2310825	.0031430	.0054153	1298.452	.0803755	.0913296
#3	.2310093	.0030533	.0054457	1291.066	.0759177	.0916902

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0802164	88.52468	7.873606	605.9652	.0833028	.0053834
Stddev	.0073006	.40180	.029292	3.1294	.0013657	.0015091
%RSD	9.101187	.4538885	.3720266	.5164348	1.639409	28.03175
#1	.0726593	88.07115	7.841450	602.3517	.0819558	.0041957
#2	.0807597	88.66672	7.898768	607.7859	.0832662	.0048730
#3	.0872302	88.83617	7.880601	607.7579	.0846864	.0070815

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.520970	.0716925	.9395337	7.836013	4.669299	.0824702
Stddev	.139317	.0080933	.0295409	.190645	.073145	.0040338
%RSD	9.159775	11.28891	3.144210	2.432932	1.566508	4.891166
#1	1.678765	.0761809	.9641291	7.791665	4.585222	.0805268
#2	1.469183	.0623495	.9477046	7.671450	4.704374	.0871078
#3	1.414963	.0765471	.9067674	8.044922	4.718300	.0797760

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4978-01A Acquired: 12/19/2024 2:56:50 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ49A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001210	23.02566	9.089780	.0316241	.5483546	.7432127
Stddev	.0006799	.38011	.036528	.0003397	.0075280	.0033606
%RSD	561.6726	1.650792	.4018625	1.074156	1.372844	.4521761
#1	.0005092	22.58688	9.102808	.0319925	.5396623	.7394698
#2	-.000664	23.25452	9.118009	.0315565	.5526267	.7459710
#3	.000518	23.23557	9.048524	.0313233	.5527747	.7441975

Elem	Li6707
Units	ppm
Avg	.0897829
Stddev	.0045373
%RSD	5.053591
#1	.0913569
#2	.0846683
#3	.0933236

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2290.724	29652.66	2273.175	1993.596	1703.855
Stddev	26.568	670.27	8.207	54.135	23.983
%RSD	1.159786	2.260419	.3610506	2.715459	1.407562
#1	2321.231	29298.85	2281.505	1963.892	1731.525
#2	2278.264	29233.43	2265.096	1960.815	1689.041
#3	2272.676	30425.71	2272.926	2056.081	1690.999

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4979-03A Acquired: 12/19/2024 3:00:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0583402	-.014187	.3277902	.1311991	.0260803	72.49364
Stddev	.0053308	.000319	.0022898	.0005455	.0023879	.37089
%RSD	9.137426	2.248915	.6985507	.4157491	9.155931	.5116110
#1	.0540360	-.014239	.3283758	.1305713	.0237830	72.08624
#2	.0566814	-.013846	.3252645	.1314693	.0259084	72.58299
#3	.0643031	-.014478	.3297304	.1315568	.0285494	72.81168

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.006690	.0124793	.0075002	71.86812	.1891572	.1443820
Stddev	.003503	.0000236	.0001448	.33649	.0005952	.0005415
%RSD	.3479933	.1889121	1.930427	.4682063	.3146520	.3750280
#1	1.002709	.0125064	.0073501	71.56142	.1893719	.1443090
#2	1.008059	.0124680	.0075115	72.22806	.1884844	.1438808
#3	1.009301	.0124636	.0076390	71.81490	.1896152	.1449563

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2718999	158.4001	F 30.88399	17.27067	.1549079	.0103432
Stddev	.0039163	1.1147	.16085	.07960	.0009204	.0007867
%RSD	1.440337	.7037169	.5208239	.4608835	.5941243	7.606088
#1	.2763891	157.1600	30.70031	17.18199	.1542540	.0095618
#2	.2701264	158.7216	30.95198	17.29407	.1545094	.0111351
#3	.2691841	159.3187	30.99969	17.33594	.1559604	.0103327

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.624372	.1476399	.6094796	2.111374	5.943265	-.019262
Stddev	1.134408	.0054840	.0164931	.027748	.015060	.002934
%RSD	69.83669	3.714451	2.706099	1.314228	.2533972	15.23036
#1	.783367	.1485660	.6212450	2.080408	5.926929	-.018396
#2	1.175155	.1417518	.6165663	2.119729	5.946271	-.016859
#3	2.914595	.1526019	.5906275	2.133985	5.956596	-.022531

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4979-03A Acquired: 12/19/2024 3:00:49 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ68A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0025293	2.060415	8.491814	.0228478	.9483755	-.005119
Stddev	.0003266	.010667	.048994	.0019589	.0021824	.000282
%RSD	12.91460	.5177090	.5769498	8.573884	.2301182	5.510517
#1	.0028427	2.048434	8.477788	.0213570	.9459703	-.005265
#2	.0021909	2.063931	8.451363	.0221198	.9502292	-.004794
#3	.0025542	2.068881	8.546291	.0250665	.9489270	-.005298

Elem	Li6707
Units	ppm
Avg	.0528616
Stddev	.0027196
%RSD	5.144702
#1	.0497213
#2	.0544362
#3	.0544273

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3350.301	42239.55	3089.395	2899.736	2103.110
Stddev	10.379	158.08	7.797	18.178	6.880
%RSD	.3098025	.3742369	.2523939	.6268943	.3271336
#1	3339.537	42071.77	3093.411	2884.180	2095.338
#2	3360.247	42261.18	3094.366	2895.308	2108.422
#3	3351.117	42385.69	3080.409	2919.719	2105.569

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4980-12A Acquired: 12/19/2024 3:04:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ88A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0961946	-.084047	.8924150	.1537120	.0408828	125.3448	1.785292
Stddev	.0071298	.005865	.0071233	.0023810	.0028018	.2776	.007889
%RSD	7.411886	6.978127	.7982037	1.548995	6.853284	.2214858	.4418963
#1	.0998288	-.087991	.8983984	.1564549	.0438988	125.6411	1.794396
#2	.0879799	-.077307	.8943111	.1525038	.0383609	125.0908	1.781032
#3	.1007750	-.086842	.8845355	.1521774	.0403888	125.3023	1.780449

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0128058	.0106117	693.3505	.1814992	.1631989	.3699230	255.7388
Stddev	.0001384	.0000959	.8006	.0005988	.0009008	.0014955	1.2227
%RSD	1.081028	.9039291	.1154669	.3299118	.5519867	.4042782	.4781025
#1	.0129310	.0107039	694.1440	.1810085	.1639214	.3713863	257.1506
#2	.0128294	.0105125	693.3645	.1821664	.1621895	.3683972	255.0216
#3	.0126571	.0106188	692.5430	.1813226	.1634857	.3699856	255.0442

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.069746	260.5009	.3241327	.0100734	1.895497	.2486106	3.943189
Stddev	.021103	.7110	.0012335	.0014648	.605998	.0066962	.013237
%RSD	.2984946	.2729333	.3805401	14.54149	31.97038	2.693452	.3356952
#1	7.093849	261.2936	.3249524	.0087087	1.330806	.2560240	3.928062
#2	7.054595	259.9196	.3247315	.0098902	1.819965	.2468069	3.952652
#3	7.060793	260.2894	.3227141	.0116211	2.535720	.2430011	3.948853

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	7.437872	5.556304	-.002314	.0098251	5.666350	12.16699	.0531668
Stddev	.135176	.008331	.003580	.0005105	.022955	.09335	.0005948
%RSD	1.817400	.1499403	154.7182	5.195616	.4051065	.7672052	1.118773
#1	7.564832	5.557679	.001798	.0096715	5.672953	12.25018	.0532476
#2	7.453028	5.547370	-.004006	.0103947	5.685279	12.18475	.0537171
#3	7.295758	5.563861	-.004734	.0094091	5.640817	12.06604	.0525357

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4980-12A Acquired: 12/19/2024 3:04:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJ88A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.8510150	.8806472	.2065808
Stddev	.0042906	.0026561	.0014842
%RSD	.5041710	.3016077	.7184398
#1	.8556195	.8837142	.2050138
#2	.8471290	.8791022	.2079652
#3	.8502966	.8791253	.2067634

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2634.555	33167.31	2550.805	2273.446	1868.765
Stddev	8.123	109.04	13.775	6.969	6.091
%RSD	.3083172	.3287460	.5400117	.3065265	.3259176
#1	2630.866	33291.96	2534.994	2281.447	1863.107
#2	2628.932	33120.38	2560.211	2270.195	1867.975
#3	2643.868	33089.60	2557.210	2268.697	1875.212

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4982-20A Acquired: 12/19/2024 3:08:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0379419	-.038538	.1808175	.1002470	.0166188	67.38390	.4025582
Stddev	.0025677	.005554	.0048970	.0013204	.0047130	.16395	.0013917
%RSD	6.767468	14.41078	2.708242	1.317154	28.35978	.2433091	.3457163
#1	.0408401	-.036711	.1792193	.0994806	.0124424	67.20067	.4012758
#2	.0370341	-.044775	.1769194	.0994886	.0217288	67.51675	.4040381
#3	.0359513	-.034128	.1863140	.1017716	.0156852	67.43428	.4023607

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0061147	.0028219	291.8363	.0983261	.1279700	.0872291	148.3348
Stddev	.0000711	.0001268	.6556	.0005401	.0006268	.0007542	.2943
%RSD	1.162381	4.494221	.2246428	.5492919	.4898431	.8646140	.1983993
#1	.0060370	.0026979	291.1380	.0986636	.1285445	.0869028	148.1141
#2	.0061764	.0028165	292.4386	.0986116	.1280640	.0866930	148.6689
#3	.0061307	.0029514	291.9323	.0977032	.1273014	.0880915	148.2214

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	6.632891	112.6484	.1801270	.0063054	2.698103	.1575539	.3986567
Stddev	.032591	.3625	.0009215	.0003640	1.286439	.0066267	.0094674
%RSD	.4913564	.3218326	.5115717	5.773597	47.67940	4.205971	2.374827
#1	6.598052	112.2519	.1809627	.0065521	1.949426	.1640145	.3913854
#2	6.662634	112.9630	.1802796	.0064767	1.961345	.1578743	.4093618
#3	6.637987	112.7303	.1791388	.0058872	4.183540	.1507728	.3952228

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.817705	7.470674	-.004186	.0030577	2.334064	8.831523	.0262112
Stddev	.091118	.004102	.001614	.0004237	.011702	.015901	.0022048
%RSD	1.566215	.0549103	38.55502	13.85727	.5013371	.1800499	8.411833
#1	5.712600	7.466327	-.005229	.0035253	2.322082	8.814174	.0286829
#2	5.866107	7.474477	-.002327	.0029487	2.334647	8.845403	.0255039
#3	5.874407	7.471217	-.005002	.0026991	2.345463	8.834993	.0244468

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4982-20A Acquired: 12/19/2024 3:08:25 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJF4A Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	1.343615	.2256544	.1396780
Stddev	.004960	.0013977	.0008765
%RSD	.3691616	.6193864	.6275246
#1	1.338106	.2240773	.1396467
#2	1.345012	.2267396	.1405698
#3	1.347727	.2261463	.1388176

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2822.046	35622.92	2669.913	2434.563	1975.503
Stddev	14.758	323.10	2.498	21.128	9.042
%RSD	.5229616	.9069989	.0935596	.8678431	.4577255
#1	2805.110	35286.38	2667.790	2412.917	1965.264
#2	2828.869	35651.70	2669.283	2435.641	1978.856
#3	2832.157	35930.66	2672.666	2455.132	1982.391

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4984-19A Acquired: 12/19/2024 3:12:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3A Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.3428285	-.097715	2.451163	.1550321	.0473638	67.37918
Stddev	.0021054	.004936	.014545	.0026220	.0006887	.32643
%RSD	.6141254	5.051111	.5933843	1.691293	1.454007	.4844693
#1	.3403975	-.100634	2.441368	.1576744	.0476039	67.67374
#2	.3440229	-.092016	2.467876	.1524308	.0479002	67.43557
#3	.3440650	-.100495	2.444247	.1549911	.0465872	67.02822

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.691818	.0103416	.0107776	74.55728	.1381838	.1460332
Stddev	.005375	.0001575	.0001886	.52974	.0008073	.0007436
%RSD	.3177200	1.523414	1.749842	.7105112	.5841939	.5091864
#1	1.697608	.0105151	.0105781	74.99989	.1373294	.1453918
#2	1.690859	.0103021	.0109529	74.70160	.1382882	.1468483
#3	1.686987	.0102075	.0108019	73.97033	.1389337	.1458597

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.349521	231.2202	6.063424	29.93651	.2757895	.0103092
Stddev	.010603	1.2810	.021280	.20093	.0012826	.0004483
%RSD	.7857107	.5540187	.3509612	.6711764	.4650555	4.348590
#1	1.361737	232.5523	6.086674	30.15316	.2754500	.0108109
#2	1.344135	231.1110	6.058688	29.90006	.2772077	.0099479
#3	1.342692	229.9973	6.044911	29.75630	.2747109	.0101687

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.760376	.2948893	4.611935	9.575193	F 16.01699	.0037014
Stddev	.050614	.0046864	.035739	.076065	.08255	.0007248
%RSD	2.875158	1.589203	.7749255	.7944005	.5154111	19.58142
#1	1.816878	.2926173	4.627136	9.621347	15.97495	.0034693
#2	1.745062	.2917721	4.571108	9.616834	16.11210	.0031211
#3	1.719188	.3002787	4.637560	9.487399	15.96392	.0045139

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P4984-19A Acquired: 12/19/2024 3:12:15 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJR3A Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0095366	3.744769	8.131562	.1202839	1.144765	.0234446
Stddev	.0002126	.025165	.080675	.0016910	.007581	.0009436
%RSD	2.229735	.6720103	.9921232	1.405870	.6622402	4.024576
#1	.0095177	3.735452	8.183906	.1217917	1.151808	.0237256
#2	.0097581	3.773265	8.172125	.1206045	1.145745	.0223925
#3	.0093341	3.725592	8.038655	.1184556	1.136741	.0242157

Elem	Li6707
Units	ppm
Avg	.1246717
Stddev	.0033184
%RSD	2.661737
#1	.1283791
#2	.1219792
#3	.1236568

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3347.835	42137.27	3118.903	2900.204	2099.350
Stddev	14.564	235.38	30.633	12.012	15.616
%RSD	.4350318	.5586044	.9821727	.4141782	.7438440
#1	3353.913	41868.23	3092.962	2886.868	2108.921
#2	3331.216	42305.20	3111.049	2910.174	2081.330
#3	3358.375	42238.39	3152.699	2903.570	2107.799

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-20 Acquired: 12/19/2024 3:16:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0584727	-.038502	.2402294	.0507923	.0176726	60.74146
Stddev	.0065931	.003613	.0043673	.0038355	.0009165	.19915
%RSD	11.27553	9.382625	1.817956	7.551326	5.185849	.3278677
#1	.0632891	-.034918	.2430667	.0511911	.0185880	60.52068
#2	.0611706	-.038445	.2424212	.0467730	.0167551	60.90757
#3	.0509586	-.042143	.2352003	.0544128	.0176746	60.79612

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6131228	.0064287	.0051750	326.5877	.1368496	.1289344
Stddev	.0031728	.0000381	.0002524	1.4267	.0012529	.0016919
%RSD	.5174833	.5930684	4.876427	.4368366	.9155613	1.312208
#1	.6101005	.0064676	.0049474	325.1180	.1380623	.1286499
#2	.6164273	.0063913	.0054464	327.9670	.1369266	.1307505
#3	.6128406	.0064272	.0051312	326.6780	.1355600	.1274029

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1530976	145.5581	5.964259	70.58237	.1981573	.0063639
Stddev	.0041039	.6281	.022218	.33396	.0020742	.0005106
%RSD	2.680577	.4315213	.3725119	.4731449	1.046761	8.023331
#1	.1505815	144.9270	5.939011	70.33523	.1976362	.0059239
#2	.1508780	146.1832	5.980825	70.96229	.2004423	.0062440
#3	.1578332	145.5641	5.972941	70.44958	.1963932	.0069238

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.531492	.1630423	.6917543	6.437367	F 11.72705	-.015050
Stddev	.081851	.0103856	.0057158	.164854	.11616	.000999
%RSD	5.344524	6.369860	.8262789	2.560898	.9905672	6.637748
#1	1.444581	.1564862	.6975758	6.516979	11.65030	-.015707
#2	1.607110	.1576242	.6915366	6.547306	11.86070	-.013901
#3	1.542787	.1750165	.6861504	6.247816	11.67017	-.015544

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-20 Acquired: 12/19/2024 3:16:03 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030443	.8753043	10.19301	.0295010	1.095866	.1728137
Stddev	.0004777	.0081197	.02627	.0010165	.007139	.0010738
%RSD	15.69054	.9276439	.2577107	3.445771	.6514159	.6213676
#1	.0033434	.8775561	10.18365	.0297871	1.088102	.1718541
#2	.0024934	.8820605	10.22267	.0283721	1.102145	.1739736
#3	.0032963	.8662964	10.17270	.0303439	1.097351	.1726136

Elem	Li6707
Units	ppm
Avg	.1247926
Stddev	.0015138
%RSD	1.213068
#1	.1237013
#2	.1265208
#3	.1241556

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2893.881	36366.91	2766.315	2493.869	1980.639
Stddev	20.217	181.28	6.847	20.622	20.080
%RSD	.6986080	.4984689	.2475187	.8268892	1.013794
#1	2907.736	36370.37	2765.057	2484.113	1993.263
#2	2870.682	36183.93	2760.184	2479.935	1957.485
#3	2903.223	36546.43	2773.704	2517.558	1991.170

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-21 Acquired: 12/19/2024 3:19:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0D Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0504968	-.038569	.2396871	.0537672	.0179964	61.24348
Stddev	.0017621	.003460	.0037554	.0030743	.0010466	.06134
%RSD	3.489463	8.971426	1.566793	5.717748	5.815516	.1001615
#1	.0520420	-.038366	.2354314	.0571186	.0174079	61.23845
#2	.0485778	-.035214	.2425360	.0531051	.0192048	61.18480
#3	.0508705	-.042126	.2410940	.0510780	.0173766	61.30718

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6200947	.0063407	.0049697	328.7311	.1356933	.1285531
Stddev	.0012925	.0001251	.0000637	.5791	.0002447	.0004094
%RSD	.2084327	1.973133	1.281894	.1761484	.1803161	.3184374
#1	.6211475	.0064842	.0050029	328.5349	.1354244	.1285732
#2	.6204844	.0062838	.0050099	328.2756	.1357528	.1281340
#3	.6186522	.0062541	.0048962	329.3828	.1359027	.1289520

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1547445	146.8777	6.022127	71.47748	.1987898	.0064598
Stddev	.0105919	.1786	.011083	.08395	.0011278	.0013644
%RSD	6.844783	.1215915	.1840437	.1174536	.5673147	21.12187
#1	.1519966	146.7107	6.009342	71.42949	.1989680	.0049126
#2	.1664396	147.0660	6.029028	71.42853	.1975836	.0074911
#3	.1457974	146.8566	6.028010	71.57442	.1998179	.0069756

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9976032	.1649747	.6943539	6.612154	F 11.76093	-.018495
Stddev	.5202455	.0090423	.0041651	.087837	.03090	.002343
%RSD	52.14954	5.481052	.5998570	1.328419	.2626947	12.66952
#1	1.489872	.1709877	.6927436	6.561089	11.74847	-.020643
#2	.453293	.1693605	.6912344	6.713579	11.73820	-.018845
#3	1.049645	.1545758	.6990838	6.561795	11.79610	-.015996

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-21 Acquired: 12/19/2024 3:19:54 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0D Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030470	.8772014	10.29394	.0280018	1.111640	.1755717
Stddev	.0001100	.0091679	.12091	.0010475	.004641	.0008549
%RSD	3.611456	1.045129	1.174591	3.740718	.4174791	.4869210
#1	.0031725	.8718833	10.41498	.0274309	1.114743	.1765575
#2	.0030014	.8719335	10.29369	.0273638	1.106305	.1751240
#3	.0029671	.8877876	10.17315	.0292107	1.113872	.1750336

Elem	Li6707
Units	ppm
Avg	.1276907
Stddev	.0024751
%RSD	1.938369
#1	.1270745
#2	.1304157
#3	.1255819

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2897.123	36501.76	2734.934	2497.346	1980.438
Stddev	4.482	125.71	24.697	13.282	8.456
%RSD	.1547128	.3444037	.9030354	.5318373	.4269797
#1	2901.388	36568.45	2706.429	2505.937	1987.045
#2	2897.532	36580.07	2748.452	2504.052	1983.360
#3	2892.451	36356.75	2749.923	2482.048	1970.908

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-20LX5 Acquired: 12/19/2024 3:23:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0L Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0080528	.0013458	.0539423	.0034567	-.005327	15.10601	.1519935
Stddev	.0012441	.0008000	.0040465	.0059933	.002911	.09041	.0014887
%RSD	15.44875	59.44815	7.501475	173.3810	54.64965	.5984902	.9794718
#1	.0085581	.0004392	.0574658	.0037355	-.001970	15.08527	.1528357
#2	.0066356	.0019528	.0495230	.0093058	-.006850	15.02778	.1502745
#3	.0089646	.0016453	.0548382	-.002671	-.007160	15.20499	.1528701

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0016384	.0008314	80.21521	.0343826	.0480242	.0367537	36.27525
Stddev	.0000741	.0001001	.44874	.0013456	.0001847	.0106168	.15275
%RSD	4.524838	12.04436	.5594259	3.913734	.3845195	28.88623	.4210941
#1	.0015836	.0007171	79.89024	.0347462	.0481285	.0447545	36.36403
#2	.0016089	.0008733	80.02818	.0355091	.0478110	.0247093	36.09887
#3	.0017228	.0009038	80.72722	.0328926	.0481331	.0407973	36.36285

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.490900	17.54583	.0379071	.0015097	.7166509	.0425957	.1727690
Stddev	.004814	.10693	.0009162	.0009136	.5162625	.0080871	.0002677
%RSD	.3229109	.6094104	2.417078	60.51382	72.03822	18.98579	.1549775
#1	1.491760	17.50213	.0385653	.0009961	.8901182	.0422457	.1724662
#2	1.485714	17.46767	.0368606	.0025645	1.123839	.0346892	.1729744
#3	1.495227	17.66768	.0382953	.0009685	.135995	.0508521	.1728664

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.049761	2.367454	-.010682	.0015861	.1898886	2.934121	.0068259
Stddev	.162981	.004954	.000838	.0002911	.0058640	.027233	.0015757
%RSD	7.951235	.2092435	7.848594	18.35272	3.088106	.9281640	23.08348
#1	2.083005	2.366085	-.011642	.0018687	.1950591	2.951029	.0082529
#2	1.872721	2.363329	-.010314	.0016023	.1910897	2.902706	.0070900
#3	2.193557	2.372948	-.010091	.0012872	.1835171	2.948630	.0051349

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-20LX5 Acquired: 12/19/2024 3:23:44 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0L Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	.2900627	.0424281	.0419329
Stddev	.0075371	.0004866	.0032685
%RSD	2.598426	1.146967	7.794469
#1	.2890867	.0428837	.0405071
#2	.2830612	.0419155	.0456720
#3	.2980402	.0424852	.0396195

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2551.217	31704.77	2332.697	2187.429	2133.137
Stddev	6.133	339.03	25.668	23.421	5.015
%RSD	.2403893	1.069327	1.100353	1.070697	.2351033
#1	2551.405	31746.57	2315.264	2196.498	2128.695
#2	2544.992	31346.78	2362.172	2160.831	2132.140
#3	2557.253	32020.96	2320.656	2204.960	2138.575

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-22 Acquired: 12/19/2024 3:27:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0S Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.1274459	.0515084	.2794173	.1887653	.1678448	64.38732
Stddev	.0035469	.0035347	.0021385	.0055113	.0009450	.21386
%RSD	2.783049	6.862340	.7653486	2.919656	.5630162	.3321481
#1	.1237237	.0555820	.2775335	.1948770	.1673698	64.24746
#2	.1307867	.0492512	.2789766	.1841734	.1689330	64.63350
#3	.1278272	.0496921	.2817419	.1872453	.1672315	64.28099

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	3.960545	.0882471	.1016264	328.5707	.4660303	1.088181
Stddev	.007759	.0005416	.0003506	1.3626	.0038665	.003523
%RSD	.1958988	.6137477	.3449842	.4146978	.8296775	.3237330
#1	3.953731	.0886866	.1016167	327.5130	.4616720	1.088453
#2	3.968989	.0884126	.1012808	330.1083	.4690485	1.084530
#3	3.958913	.0876420	.1019818	328.0907	.4673704	1.091560

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5337611	148.6128	6.848173	71.23810	1.167388	.0669815
Stddev	.0116417	.4403	.023751	.22629	.003099	.0008531
%RSD	2.181066	.2962917	.3468204	.3176564	.2654756	1.273649
#1	.5283072	148.1332	6.827493	70.98777	1.167560	.0667364
#2	.5471286	148.9987	6.874113	71.29838	1.164206	.0662777
#3	.5258476	148.7067	6.842912	71.42815	1.170397	.0679303

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.286775	1.001269	1.395835	6.764649	F 11.67594	-.023501
Stddev	.431519	.007193	.021518	.184518	.03991	.001886
%RSD	33.53492	.7183436	1.541572	2.727675	.3418069	8.025258
#1	.867428	1.007381	1.385641	6.948551	11.67720	-.025677
#2	1.729515	.993343	1.381309	6.579521	11.63541	-.022337
#3	1.263383	1.003083	1.420556	6.765874	11.71520	-.022489

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: P5008-22 Acquired: 12/19/2024 3:27:39 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: MBHJT0S Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030761	.8803052	10.57366	.0285882	1.128382	.1739686
Stddev	.0002733	.0076367	.06346	.0016177	.007253	.0003669
%RSD	8.886167	.8675046	.6001512	5.658754	.6427596	.2108827
#1	.0028876	.8869425	10.60880	.0304425	1.121602	.1743771
#2	.0029511	.8719587	10.61178	.0278569	1.136030	.1738616
#3	.0033896	.8820144	10.50041	.0274653	1.127515	.1736671

Elem	Li6707
Units	ppm
Avg	.1266580
Stddev	.0027695
%RSD	2.186607
#1	.1282823
#2	.1282315
#3	.1234602

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2888.401	36383.61	2723.259	2492.066	1977.700
Stddev	3.559	170.11	13.816	11.819	5.359
%RSD	.1232275	.4675326	.5073386	.4742691	.2709687
#1	2884.446	36579.68	2710.678	2502.751	1974.530
#2	2891.347	36275.38	2721.053	2479.371	1983.887
#3	2889.409	36295.78	2738.045	2494.075	1974.683

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV066 Acquired: 12/19/2024 3:31:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961	Ba4934
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.542418	4.786164	24.85217	4.868213	4.913780	407.2149	10.35683
Stddev	.013531	.012463	.08185	.014734	.009082	4.9461	.13591
%RSD	.2978799	.2603907	.3293512	.3026529	.1848342	1.214618	1.312321
#1	4.528079	4.791229	24.87119	4.851402	4.903607	401.7988	10.20447
#2	4.544214	4.771966	24.76248	4.874353	4.916662	411.4925	10.46561
#3	4.554961	4.795297	24.92283	4.878884	4.921073	408.3533	10.40040

Elem	Be2348	Cd2144	Ca3736	Cr2677	Co2286	Cu3247	Fe2598
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5243800	2.488291	410.6933	15.24215	2.490428	15.11528	411.8958
Stddev	.0026280	.006634	4.9100	.02051	.007689	.18320	5.5593
%RSD	.5011661	.2666172	1.195551	.1345792	.3087331	1.212021	1.349676
#1	.5219489	2.489706	405.3682	15.22026	2.491357	14.91619	405.8078
#2	.5271684	2.481063	415.0415	15.26093	2.482317	15.27675	416.7026
#3	.5240226	2.494104	411.6703	15.24526	2.497610	15.15290	413.1771

Elem	Mn2576	Mg2790	Ni2316	Ag3280	Na8183	V_2924	Zn2138
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	15.12108	408.6422	2.475764	1.262493	407.8928	2.513493	14.35103
Stddev	.20269	5.0438	.005299	.002007	5.3045	.037008	.15201
%RSD	1.340441	1.234286	.2140174	.1589876	1.300470	1.472369	1.059204
#1	14.90274	403.1014	2.474618	1.260401	402.1511	2.471254	14.17743
#2	15.30325	412.9666	2.471132	1.262676	412.6110	2.540220	14.46029
#3	15.15727	409.8586	2.481542	1.264403	408.9162	2.529007	14.41535

Elem	K_7698	P_1774	B_2496	Mo2020	S_1820	Si2516	Sn1899
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	152.3557	4.954313	4.858700	4.852192	4.990850	4.816300	5.017152
Stddev	1.5560	.010257	.028264	.003073	.010049	.022735	.018523
%RSD	1.021308	.2070304	.5817110	.0633298	.2013531	.4720410	.3691964
#1	150.7964	4.952844	4.826449	4.849350	4.987051	4.799933	5.027635
#2	153.9084	4.944870	4.879154	4.855453	4.983255	4.842259	4.995765
#3	152.3625	4.965226	4.870497	4.851773	5.002245	4.806709	5.028057

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCV066 Acquired: 12/19/2024 3:31:26 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCV066 Custom ID2: Custom ID3:
Comment:

Elem	Ti3361	Sr4077	Li6707
Units	ppm	ppm	ppm
Avg	5.140033	4.944780	5.209493
Stddev	.066334	.061247	.060361
%RSD	1.290541	1.238614	1.158680
#1	5.066468	4.877821	5.140678
#2	5.195292	4.997971	5.253487
#3	5.158339	4.958548	5.234314

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2085.620	27258.07	2126.265	1787.363	1774.282
Stddev	3.975	38.88	9.739	7.912	6.091
%RSD	.1906079	.1426198	.4580160	.4426884	.3432724
#1	2089.308	27284.48	2133.946	1796.150	1775.390
#2	2086.143	27213.43	2115.312	1780.801	1779.742
#3	2081.409	27276.31	2129.537	1785.138	1767.713

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB066 Acquired: 12/19/2024 3:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	As1890	Tl1908	Pb2203	Se1960	Sb2068	Al3961
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.002225	.0035773	.0010961	.0031625	-.001256	.0244912
Stddev	.001250	.0012345	.0020799	.0020893	.003742	.0171161
%RSD	56.17391	34.50894	189.7477	66.06540	297.8904	69.88674
#1	-.003485	.0049606	.0030589	.0047638	-.000628	.0290593
#2	-.002205	.0025876	.0013134	.0039247	-.005272	.0388597
#3	-.000985	.0031837	-.001084	.0007991	.002132	.0055545

Elem	Ba4934	Be2348	Cd2144	Ca3736	Cr2677	Co2286
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.000680	-.000104	.0000059	.0497642	.0007165	-.000357
Stddev	.000375	.000084	.0001078	.0322086	.0005925	.000402
%RSD	55.18360	80.28755	1826.279	64.72250	82.69705	112.4017
#1	-.000699	-.000008	-.000118	.0795198	.0010369	-.000106
#2	-.001046	-.000141	.000060	.0155642	.0000328	-.000145
#3	-.000296	-.000163	.000076	.0542086	.0010799	-.000820

Elem	Cu3247	Fe2598	Mn2576	Mg2790	Ni2316	Ag3280
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0031949	.0077337	.0037439	.0109501	-.000196	.0006558
Stddev	.0012488	.0578207	.0008643	.0183366	.000820	.0009077
%RSD	39.08554	747.6449	23.08572	167.4566	417.5061	138.4120
#1	.0027666	.0744218	.0044173	-.009299	.000742	.0007054
#2	.0022167	-.022827	.0040450	.015716	-.000773	.0015377
#3	.0046015	-.028394	.0027693	.026433	-.000558	-.000276

Elem	Na8183	V_2924	Zn2138	K_7698	P_1774	B_2496
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	1.129339	.0019576	.0214440	.5265609	-.000800	.0099477
Stddev	.733340	.0022964	.0054140	.3312293	.002201	.0035702
%RSD	64.93534	117.3091	25.24701	62.90427	274.9280	35.88993
#1	.445575	.0042778	.0153265	.7691874	.001210	.0136494
#2	1.903814	-.000314	.0233878	.1491966	-.000460	.0065253
#3	1.038626	.001909	.0256178	.6612986	-.003152	.0096685

Reviewed By:kareem
On:12/27/2024 8:33:45 PM
Inst Id :P5

Sample Name: CCB066 Acquired: 12/19/2024 3:35:02 Type: Unk
Method: SFAM01.1 INSTRUMENT P5 WITH 6 POINT ICAL-2(v30) Mode: CONC Corr. Factor: 1.000000
User: Kareem Custom ID1: CCB066 Custom ID2: Custom ID3:
Comment:

Elem	Mo2020	S_1820	Si2516	Sn1899	Ti3361	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0003216	.0029124	-.001025	.0012333	-.002977	.0002895
Stddev	.0006956	.0016124	.001276	.0011961	.001202	.0001288
%RSD	216.3291	55.36489	124.4806	96.98299	40.36373	44.49454
#1	.0005123	.0019141	-.001610	.0004729	-.002537	.0001570
#2	-.000450	.0047726	-.001903	.0006150	-.004336	.0002972
#3	.000902	.0020504	.000439	.0026120	-.002057	.0004142

Elem	Li6707
Units	ppm
Avg	F .0236369
Stddev	.0040463
%RSD	17.11840
#1	.0266573
#2	.0252139
#3	.0190396

Int. Std.	Y_2243	Y_3600	Y_3710	Y_2243	In2306
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2403.430	30218.40	2217.566	2073.365	2177.139
Stddev	.689	64.61	127.772	6.555	2.489
%RSD	.0286837	.2138042	5.761834	.3161729	.1143334
#1	2403.348	30235.24	2161.262	2074.203	2174.801
#2	2402.785	30147.04	2363.820	2066.430	2179.756
#3	2404.157	30272.92	2127.615	2079.461	2176.861